

BERHAMPUR UNIVERSITY



Re-Accreditation Report

(Cycle – 2)

Volume - I
Profile of the Institution
Criterion Wise Evaluative Report

2015

Submitted to
National Assessment & Accreditation Council, Bengaluru
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THE CREST

“Tamasomam Jyotirgamaya” meaning “Lead me from darkness unto light” atop is the motto of the Berhampur University.

The sailing ship at left symbolises the maritime glory of ancient Kalinga and represents as well the port of Gopalpur situated within the region of the University.

The temple to the right is the renowned black pagoda, the Sun Temple at Konark which stands for the achievements of the people of Odisha in the realm of art and architecture.

At the base are the lamp and the book, the eternal symbols of light and knowledge.

The name of the University is inscribed in Odia, the language of the region, above the book and the lamp.



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Vice Chancellor's Message

Berhampur University was established in the year 1967. Forty-nine years of the existence of Berhampur University is a relatively short stretch in the vast continuum of historical time. The University is going to celebrate its Golden Jubilee on 2nd January 2016. It is a matter of wonderful coincidence that the University is going for its re-accreditation in the year of its Golden Jubilee. The University campus is known as Bhanja Bihar, named after one of the illustrious poets of Odisha, Kabisamrat Upendra Bhanja. Spread over an area of 250.67 acres, the University is about twelve kilometres away from the city of Berhampur and about six kilometres from Gopalpur-on-Sea. The University has a wide area under its jurisdiction comprising the districts of Ganjam, Gajapati, Koraput, Rayagada, Nabarangpur, Malkangiri and Kandhamal. All these districts (excepting Ganjam) have more than 50 per cent of ST/SC population. Many of the students of these regions are first generation learners. The GER of Southern Odisha is extremely low compared to the national average.

For the past many decades, the University has stood firm as a symbol of glory and prosperity for the people of South Odisha. Although the University has carved for itself a place of pride in the academic map of the country, it has miles to go in the service of the students, scholars, society and the State at large.

There are twenty post-graduate departments in the university offering specialized subjects and M. Phil programmes. Some of the departments/courses like Marine Sciences, Military Sciences, Journalism and Mass Communication, Tourism and Indian Monuments, Biotechnology, Geophysics, Electronic Science, Computer Science, make the University unique, helping it stand out in relation to other Universities of the country.

The university has achieved great distinction in the academic world due to the qualitative and quantitative production of M.Phil., Ph.D., D.Litt., LL.D. and D.Sc. degrees. So far many projects, major and minor, funded by the UGC, ICSSR, CSIR, DST, etc. have been completed by the faculty. About two hundred and fifty books have been published by the faculty of the university. The university has the record of holding seminars and conferences every year apart from organising weekly seminars in the departments. With such multifarious academic activities, the university has so far received reciprocal recognition from many Indian universities. It is a member of the Association of Commonwealth University of London, the Inter University Board of India and Sri Lanka and, the Association of Indian Universities. The University had received NAAC accreditation with a rating of B+ with an institutional score of 75 per cent in 2002.

On the night of 12th October 2013, the cyclone 'Phailin' hit the coastal areas of Odisha, India. Berhampur University which is situated at a distance of 5 kilometres from Gopalpur-on-Sea (the epicentre of Phailin), was worst hit by the cyclone. On the same day, the following year, again the University was hit by another cyclone 'Hud-Hud'.

More than 25,000 trees got uprooted during Phailin. All the infrastructure and facilities of the University got severely damaged due to the successive natural disasters. There was a total collapse of the system. The University was forced in to darkness for six weeks. There was no water supply to the campus. We are still struggling hard to come to terms with the aftermath of the grip of the natural disasters. However, our collective action helped us to re-start the functioning of the University within a record time of six weeks. Many projects undertaken as a part of the repair and renovation work are yet to be completed.

Despite this, we have made some steady progress in recent time, the highlights of which include: the establishment of a South Odisha Cultural Study Centre, the institution of Kabi Samrat Upendra Bhanja National Award for Literature, signing of MoUs with five overseas universities and two national institutes IIT, Bombay and NIRD&PR, Hyderabad, organization of a AIU-sponsored National Youth Festival, re-introduction of University Gold Medal and Doctoral Fellowship, introduction of CBCS both at undergraduate and master's levels, organization of two international seminars during the current academic session, adoption of ten villages in seven backward districts coming under the jurisdiction of the University, introduction of three separate add-on courses on soft skill development, etc.

The University has been able to mobilise funds to the tune of Rs.70 crore (already received Rs. 40 crore and would receive the balance grant soon) from funding agencies like the UGC, *Rashtriya Uchchatara Shiksha Abhiyan* (RUSA) and Department of Higher Education, Government of Odisha in the recent past. Many infrastructure development projects are under construction, viz. two Ladies Hostels, three Academic Blocks, ten Toilet Complexes, extension of R.P. Padhi Library Building, a new Human Resource Development Centre, a Common Kitchen-cum-Dinning Place for Female Boarders, etc. The State Government has also given clearance to the University to fill up 52 teaching posts and the University is in the process of filling up those posts. We are grateful to all our funding agencies especially the Department of Higher Education, Government of Odisha for their generous help and cooperation.

I am confident that our new initiatives will go a long way in achieving our goals with regard to promoting the quality of higher education coupled with the improvement of the infrastructure and faculty, academic reforms, ensuring good governance, and institutional restructuring.

I am immensely happy to note that this growing university is ready to offer for its reassessment and reaccreditation and as a part of that exercise this RAR has been prepared and submitted to NAAC, Bengaluru.

I take this opportunity to extend my heart-felt thanks to the Coordinator and all the members of the NAAC Steering Committee for their untiring efforts to make this assessment productive and meaningful. I shall fail in my duty, if I do not thank the students, scholars, faculty members, officers of the University, non-teaching staff and all other stakeholders who contributed directly or indirectly to the process of giving the RAR a final shape.

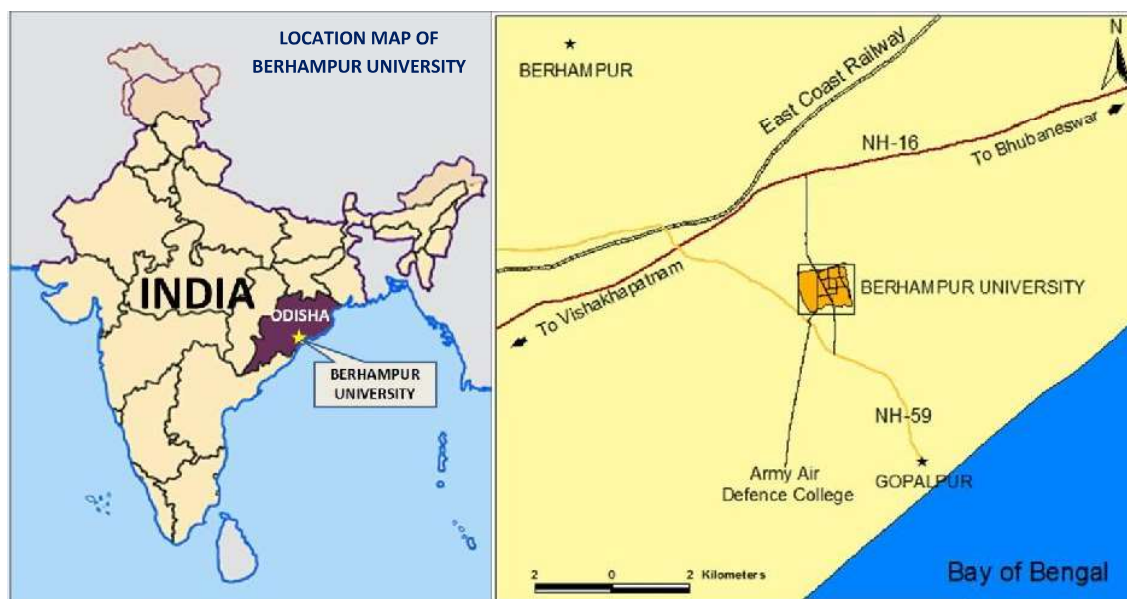
Date: 27.10.2015

(Deepak Kumar Behera)
Vice Chancellor

PREFACE

Embarking upon a comprehensive package of need-based innovative reforms, Berhampur University surges ahead with a holistic mission and vision to deliver the best - catering to the social and intellectual needs of the underprivileged masses of the tribal dominated region and preparing them to fulfill those needs in the 21st century as integral elements of developing India.

Berhampur University was established on 2nd January, 1967 by the Odisha Act 21 of 1966. Subsequently, this Act was substituted by a Common Act for all Universities in Odisha i.e., Act 5 of 1989. The University has been recognized under 2(f) and 12-B of the UGC Act, 1956. Of the 30 districts forming the State of Odisha, Berhampur University regulates and caters to the Higher Education needs of the districts of Ganjam, Gajapati, Kandhamal, Koraput, Rayagada, Nabarangpur and Malkangiri. The University Campus is spread over an area of 250.67 acres and is located at a distance of 12 kilometers from Berhampur city and 5 kilometers from Gopalpur-on-Sea, the famous sea resort in the East-Coast of India. The location map of the University is given below:



The University now has 147 colleges affiliated to it, and imparts higher education in the faculties of Humanities and Social Sciences, Science and Technology, Commerce and Management Studies, Pedagogical Sciences, Legal Studies and Medical Sciences. It has only one Constituent College, namely, Lingaraj Law College, situated at Berhampur. The University has the distinction of being one of the few Universities in India to offer courses on Military Sciences. The Army Air Defense College, Gopalpur, offers M. Phil., Masters Degree and other Diploma Courses in various branches of Military Science. Berhampur University has also laid the foundation stone for its Satellite Campus at Rayagada to facilitate academic development of the poor and tribal students.

As per the guidelines of the UGC, seven colleges under the jurisdiction of the University have been accorded the status of autonomous colleges, namely, Khallikote (Autonomous) College, Berhampur, SKCG (Autonomous) College, Parlakhemundi, Vikram Deb (Autonomous) College, Jeypore, Government (Autonomous) College, Phulbani, Sashi Bhusan Rath Government Women's (Autonomous) College, Berhampur, Rayagada (Autonomous) College, Rayagada and Science College(Autonomous) Hinjilicut. These colleges enjoy their autonomy in framing curricula,

conducting examinations and publication of results. The University keeps a constant vigil on the academic programmes offered and the quality of education imparted by these Colleges.

The University houses 20 teaching departments imparting courses at the diploma, post-graduate, M. Phil. levels. All these Departments conduct Ph.D. programmes. Besides, the University has a Women's Studies Research Centre (WSRC) offering M. Phil. and Ph.D. programmes. The M. Phil. Course on tribal studies is being conducted at Council of Analytical and Tribal Studies (COATS), Koraput. Berhampur University has the distinction of being the only University in the state to have a full fledged Department of Marine Sciences. The Department of History offers a one-year Diploma course in Tourism and Indian Monuments, while the Department of Linguistics offers a one-year Diploma Course in Russian Language. The University has introduced courses such as M. Pharm., M.Sc. Geophysics, M.Sc. Biotechnology, M.F.C. (now MBA Financial Management), M.Tech. (EIS), M.Tech. (Computer Science), Social Work, and PGDBIM on self-financing basis. The Harihar Mardaraj Distance Education Centre, that offers UG, PG, Certification and Diploma Programmes in various disciplines, was established in 1988. It caters to the growing demand of the disadvantaged students who intend to pursue higher education through distance mode. It serves the needs of hundreds of educationally underprivileged students from different walks of life hailing from Odisha and other States through its outreach programmes. The introduction of more innovative courses under distance mode is under process to make learning accessible to the educationally underprivileged, socially disadvantaged and economically backward sections of the southern region of the state of Odisha, thus increasing their employment potentials and opportunities.

In order to facilitate teaching, research and extension activities, the University has established four centres, viz. Women's Studies Research Centre, Centre for Canadian Studies, Biju Patnaik Computer Centre and University Research Forum. Recently the University has established the South Odisha Regional Cultural Studies Centre in collaboration with the NIRD&PR, Hyderabad, for preserving the artefacts, palm-leaf manuscripts, rare manuscripts so as to keep alive the cultural heritage of the southern Odisha, particularly the tribal communities.

Research and investigation are the hallmark of advancement in the arena of knowledge. It is the basic function of the University to preserve and disseminate knowledge. Berhampur University has taken appropriate steps in nourishing, nurturing and disseminating knowledge. The facilities of research are available in the Post-graduate departments and some of the affiliated colleges, including Autonomous Colleges under its jurisdiction. The University has been receiving financial assistance from the UGC, ICAR, ICSSR, CSIR, NBHM, BARC and several departments of the Government of India, such as Environment & Forest, Science & Technology, Ocean Development and Tribal Affairs, etc. to undertake major research projects in the respective areas. The Ministry of Earth Sciences has established the Earth Science and Technology Cell (ESTC) to facilitate research on Marine Ecology and related subjects. The research in this field assumes importance in the backdrop of a long coastline of nearly 482 kilometers in the state of Odisha.

The University within the span of fifty years of its existence has traversed a long way and it has registered spectacular feat in teaching, research and leadership dimensions. It is pertinent to cite some of achievements of our faculty and alumni in various fields of research and other academic areas.

- Six teachers have been honoured with **Samanta Chandra Sekhar Award**
- Eight teachers have been awarded **Commonwealth Fellowships**
- Eight teachers have been awarded **Fulbright Fellowships**
- One teacher has been honoured with **USIA Award**

- Five teachers have been awarded **DAAD Fellowships**
- One teacher has been awarded **Alexander Humboldt Fellowship**
- Fifteen teachers have been selected under various **International Bilateral Exchange Programmes**
- One teacher has received the **Indian National Science Academy, Best Teacher Award** in 2015.
- Three teachers have been honoured with **Kendriya Sahitya Akademi Awards**
- One honoured with **Bhasha Bharati Samman**
- Thirteen teachers have been appointed as **Vice Chancellors** of the Universities – Central, National and State.

Besides, some of the members of our alumni have served / serving as Members of Council of Ministers in Odisha, Speaker and Deputy Speaker of the State Legislative Assembly, as Members of Parliament, and Members of the State Legislative Assembly. Some of the alumni have been serving in the Civil Services both at the Central and State levels.

In recognition of the outstanding academic achievements of various Departments of Berhampur University the UGC has identified few departments for sanction of the Department Research Support (DRS) under the Special Assistance Programme (SAP). The Department of Odia has received UGC-assistance to the tune of Rs.55.00 lakhs for a period of five years at the level of DRS-I under the Special Assistance Programme (SAP). Department of Marine Sciences is also under SAP assistance from UGC. A total of 54 colleges affiliated to the University have been enlisted under 2(f) and 12-B of the UGC Act, 1956 and are receiving financial assistance under different schemes and programmes.

A Library is the academic nerve centre and the knowledge hub of any educational institution. It reflects the hunger for knowledge in the students, scholars and teachers of the Institution. Berhampur University prides itself with the R.P. Padhi Library that is equipped with 1,23,464 books, 150 current journals, 830 back volumes of journals, 2827 statistical handbooks and 2510 reports. The Library is now subscribing 46 periodicals and 23 newspapers. The University has subscribed to about 4000 Online Research Journals through the UGC INFONET Digital Library Consortium and through the resource hubs like American Chemical Society, American Institute of Physics, American Physical Society, Cambridge University Press, ISID, JCCC-UGCINFONET, Oxford University Press, Royal Society of Chemistry, Springer Link, Taylor & Francis, etc.

The 30th Inter-University Central Zone Youth Festival was organised by Berhampur University with much pomp and gaiety at Bhanja Bihar Campus in Odisha during November 25-29, 2014. The five day extravaganza was organized in collaboration with Association of Indian Universities, New Delhi and sponsored by the Ministry of Skill Development, Entrepreneurship, Youth Affairs and Sports, Government of India. This Youth Festival witnessed around 729 participants representing 22 universities from six states viz. Uttar Pradesh, Maharashtra, Madhya Pradesh, Chhattisgarh, Odisha and Telangana. The student participants, accompanying officials and jury members actively participated in 25 competitions in Music, Dance, Literary Events, Theatre and Fine Arts. This five-day festival has been perceived as a grand success by one and all and has been described by the AIU as one of the few best youth festivals ever organized. The University places on record the services rendered by the dedicated and committed team of staff and students, who managed the affairs of the youth festival day and night untiringly.

The University has established the South Odisha Cultural Study Centre with *developmental* (for development of museum for Palm-leaf and paper manuscripts, and for tribal life and folklore), *promotional* (folklore scholarship and reconstruction of oral history of tribals) and *research study* (linguistic survey, dialects atlas and performing tradition of South Odisha) functions. On behalf of this Centre, the University has signed MoU with the Department of Culture and Society, Aarhus University, Denmark and University of Tübingen, Germany to collaborate in the areas of mutual interest, exchange of students and faculty, establish and promote joint research projects, and to organize and participate in joint academic activities such as conferences and seminars. The University has established an Innovation-cum-Incubation Centre for addressing regional Issues like natural disasters, water scarcity, environmental pollution and migration. In order to promote quality growth of our students, in addition to the existing Add-on courses on Computer Application, Communicative English and Soft Skills, the University has introduced another Course on Personality Development in collaboration with NIRD&PR, Hyderabad. A joint endeavor has been made between NSS Bureau, Berhampur University and the NIRD&PR, Hyderabad to adopt ten villages under the jurisdiction of Berhampur University for their holistic development. The Career and Placement Assistance Cell of the University has conducted a Campus Selection. The TCS has selected 53 students of the University last year. Further, 3 students have been selected by Tata Steel Rural Development Centre.

The University has submitted a RUSA Plan for Rs. 20.00 crore for three years from 2014-15 to 2016-17 to the Department of Higher Education, Government of Odisha. The Government has been generous enough to provide financial assistance to the University under infrastructure development grants for augmenting its infrastructure. The Government has approved a total project cost of Rs. 37, 45, 86, 000/- (Rupees thirty seven crore forty five lakh eighty six thousand) under Infrastructure Development Grant to Berhampur University during the current financial year 2014-15 for construction/ renovation works. The works include construction of three academic blocks, construction of two ladies' hostels, toilet complexes for gents' and ladies' hostels, extension of library building, construction of common kitchen with dining for ladies' hostels, electrification and water supply work. Out of this amount, an amount of Rs. 16,45,86,000/- (Rupees sixteen crore forty five lakh eighty six thousand) has already been released in favour of the Berhampur University for undertaking different projects.

As regards infrastructure and facilities, the University makes no tall claim preserving maximum green around its sylvan premises. The University has made optimum use of the land available and has the following physical facilities:

- Administrative Block
- Academic buildings: 1st Humanities block, 2nd Humanities block, Science blocks, Commerce block, Management block, Academic building, Computer Centre building, DEC Block, Women's Studies Research Centre, Language Laboratory etc.
- A three-storied central library with a Journal Section and Reading Room
- University Press
- Six Girls' hostels with Gymnasium
- Six Boys' Hostels
- University Higher Secondary School
- Staff Quarters
- Canteen
- Health Centre

- Shopping Complex
- A fully computerized branch of the State Bank of India
- Two numbers of ATM
- Post Office
- Students' Home
- Sports Complex: a play ground, a pavilion, a multipurpose indoor hall, gymnasium, basketball court, etc.
- A fully equipped Auditorium (Biju Patnaik Auditorium with a capacity to accommodate more than 700 persons)
- Open Air Theatres (Bhanja Mandap and Kabisurjya Mandap)
- University Employment Information and Guidance Bureau
- Staff Recreation Club
- Guest House
- Faculty Club
- Botanical Gardens
- Herbal Garden
- Rose Garden
- Children park
- Deer Park.

Alongside the above, the following additional full-fledged infrastructures are envisaged for the near future.

1. University Career and Placement Assistance Cell
2. University Innovation-Cum- Incubation Centre
3. University Entrepreneurship Development Centre
4. Student Counseling Centre
5. Human Rights Education Centre
6. Environmental Studies & Disaster Management Centre
7. (5000 Sq.ft 3 storied building for 1 - 6)
8. Human Resource Development Centre
9. New Health Centre
10. Day Care Centre (2400 Sq. Ft.)
11. Green House and Medicinal Garden with rare plants
12. Rain Water Harvesting System
13. Solar Energy Grid
14. Record Room Building
15. Oral History Cell

16. Central Valuation Centre with Power Back-Up & Security system (3000 Sq. Ft.)
17. New Building for Electronic Science Department (15,000 Sq. Ft.)
18. 2nd floor for Commerce Department (6000 Sq. Ft.)
19. Hostel for DEC Lady Students (100 inmates)
20. Hostel for DEC Gents Students (100 inmates)
21. DEC Academic Building (10, 000 Sq. Ft.)
22. Executive Hostel (100 inmates)
23. Online UPS Systems
24. 10 KVA System for each Social Science Departments
25. 20 KVA Systems for each Science Department
26. 46 SMART Class Rooms
27. 3 Nos. of Seminar Halls with A/V & Power Backup Facility
28. New Administrative Building
29. New Press Building
30. PG Central Office Block with A/C & Power Back-up
31. Central Kitchen – (2 Nos)
32. Canteens (02 Nos)
33. Animal House
34. Renovation of Zoology Museum
35. Interdisciplinary Laboratories – 3 Nos.
36. Compound Wall for the Sports Council Play ground with Drainage Facility
37. Sports Council Gate at the Entrance
38. One Modern Sports Complex with gallery
39. Modernized 16 Stationed Multi Gym
40. Sports Pavilion
41. Faculty Club for Teachers
42. Museum of South Odian Studies
43. Vehicle Shed for Buses

Vision

The University seeks to take long strides in harnessing the outcome of teaching and research in various fields by way of ensuring inclusive growth and thereby to prove itself to be a center of excellence in the domain of higher education. It further envisions taking up the social responsibility towards the total uplift of the weaker sections of people of the region by providing quality education in consonance with the motto of the university, i.e. *Tamaso ma Jyotirgamaya* which means “Lead me from darkness unto light”.

Mission

- Promote inclusive growth in order to cater to the educational needs of the underprivileged people of Southern Odisha, while striving for excellence in scholarship at par with national and international standards.
- Achieve innovation in teaching, learning and research to realize goals of higher education.
- Empower students with relevant knowledge, competence and creativity to face future challenges.
- Create modern teaching ambience for quality academics by providing necessary infrastructure and support to teachers, students and employees.
- Generate awareness of human rights, value systems, culture, heritage, scientific temper and environment.
- Preserve intangible cultural heritage of the region through documentation
- Inculcate amongst students an academic rigor which will inspire them to realize their full potential and contribute to the development of the society as a whole.

To fulfil this mission, the broad objectives of the University are:

- Upgrade the number, structure and delivery mechanisms of its curricular programmes, with a view to increasing their social relevance, access and equity.
- Achieve convergence of open and conventional learning systems, so that economically disadvantaged students can be included in the mainstream of education.
- Support basic as well as utility-oriented research both within and across disciplines, thereby achieving a proper balance between basic and applied knowledge.
- Develop curricular and research programmes that would effectively combine the promotion of sustainable human development with quality learning at par with international standards.
- Develop job-oriented self-financing courses, so that the initial expenditure incurred in meeting the above objectives can be supported by the University itself.

Berhampur University has been instrumental in serving the disadvantaged tribal as well as non-tribal communities of Southern Odisha and in building a knowledge society in which knowledge does not remain a prerogative of the dominant few. It further aims at inclusive and equitable growth of the society, thus, affecting transition from an information poor to information rich; knowledge poor to knowledge rich and economically poor to a resourceful and skilful society.

EXECUTIVE SUMMARY

Berhampur University, a half-a-century-old State university of Odisha, is located on the coast of Bay of Bengal at Gopalpur-on-Sea. It is one of the ancient port-towns of British India. Prone to the rages of weather, more often than not, the varsity seems destined to bear the brunt of natural calamities, often in the form of cyclonic storms. Battered and bruised by such vagaries of weather, rather frequently, the university has stood the test of time, bouncing back in quick time and proving that it can never be crestfallen. The University witnessed massive destruction with the eye of the severe cyclonic storm 'Phailin' hitting the campus on 12th October 2013. While the process of reconstruction continued, another cyclonic storm of high magnitude 'Hud-Hud' hit the campus on the same day the following year, i.e. 12th October 2014. In spite of the two consecutive natural disasters, with the active support of the stakeholders, the University was able to regain its vitality in the areas of infrastructure and other facilities so as to cater to the educational needs of the backward and tribal dominated districts of Southern Odisha. The vision of the University is to achieve academic excellence in teaching, research and to play a proactive role in the outreach activities. The university has successfully roped in various stakeholders and funding agencies in its attempt to translate its dreams into reality.

1. CURRICULAR ASPECTS

During the assessment period, the University has taken many new initiatives to strengthen the quality of curricular aspects. The following are the key initiatives:

- The University has 20 postgraduate teaching departments which offer a wide range of programmes. It offers about 150 programmes in all, including M. Phil. and Ph.D. programmes and diploma and certificate courses. Most of the departments follow through Semester System, with the recent acquisition of a cutting edge competence, in terms of implementation of CBCS suggested by the UGC's Curriculum Development Council.
- Awareness has been created in the teaching community that the courses of study should be more radically career-oriented.
- The University has already accommodated an inter- and trans-disciplinary orientation by adopting CBCS pattern from the session 2015-16.
- Elective papers are offered for the students in all disciplines and the choice is to be made from a wide range of courses offered across all subjects. One of the notable features of the implementation of the curriculum is that the statutory reviewing mechanism is adequate, and is noticeably in operation.
- Most teachers, with expertise in various branches of specialization, have also participated actively in syllabus-making.
- The University has initiated action for formulating a uniform state-wide curriculum for the UG courses of study. Laboratory work, field work, and project work have been incorporated in the syllabus in various subjects in a manner which illustrates the need to combine theory with practice.
- A rational mechanism of curriculum development and monitoring has been evolved, equipped with introspective analysis. The curriculum reveals the incorporation of latest

trends of subject knowledge. As three years is a long gestation period for the curriculum revision, there is scope of revision based on objective indices from time to time leading to a substantial and non-cosmetic revision.

- Peer-and alumni-evaluation and feedback mechanism are being developed. The affiliated and autonomous colleges are encouraged to introduce new courses as well as skill development courses.
- Eight self-financing courses are being offered with nominal fee as compared to fee structure of other universities offering similar courses.
- Interdisciplinary programmes have been developed in a systematic manner, involving the Innovation-cum-Incubation Centre, Berhampur University Research forum, South Odisha Cultural Study Centre etc. apart from the PG departments and its centres.

2. TEACHING-LEARNING AND EVALUATION

Teaching-Learning and Evaluation are the core activities of the University. Efforts are made to maintain a healthy academic ambience in the campus by ensuring quality teaching and learning practices. At the same time, strict evaluation process is followed for quality academic output. Over a period of time, the University has evolved a transparent and well-defined procedure for admission of students into various post graduate and diploma courses. Every effort is made to select deserving students by giving due weightage to both consistent career and marks secured by candidates in qualifying examinations. However, for the professional courses like MCA and MBA, students are admitted through a state level joint entrance test in order to ensure quality input. Similarly, admissions into M. Phil and Ph.D. programmes are carried out through entrance tests followed by personal interviews. Upon entry into the University system, students are given adequate orientation to cope with the curriculum of the respective departments. Courses are conducted strictly as per the academic calendar of the University and examinations are conducted in time. The following are the key initiatives:

- In order to make class-room learning experience interesting and interactive, ICT-enabled teaching has been adopted as far as possible. Besides, regular class-room teaching, students are engaged in different co- and extra-curricular activities for their holistic personality development.
- Emphasis is laid on participation of students in seminars, quizzes, group discussions, projects, field trips, and soft skill development activities.
- A good number of invited talks, memorial lectures, seminars, workshops, and motivational lectures are arranged by the respective departments to provide better exposure to the students.
- In addition to the text books, students also access e-contents through INFLIBNET and other digital repositories.
- Regular proctorial assistance and career guidance help the students to stay focused and achieve their career objectives. Students are also encouraged to go for internship and carry out academic projects in other institutions of repute.
- A team of highly motivated, dedicated, and experienced teachers have played a crucial role in imparting quality education all these years.

- The sound academic and infrastructural facilities have made teaching-learning process vibrant and productive.
- The University has taken initiative to launch various professional and inter-disciplinary courses at the P.G. level.

In its journey towards achieving academic excellence and fulfilling societal objectives in way of addressing the needs of the local community of Southern Odisha, the University endeavours to offer its best through innovative projects and introduction of new courses.

3. RESEARCH, CONSULTANCY AND EXTENSION

The university has a rich research culture. It encourages and promotes quality research in the campus as well as in its constituent and affiliated colleges. The university has a well-defined framework for monitoring research activities through University Research Centre and Research Forum. Besides, it has defined policies for promotion of research in its affiliated colleges. The major achievements in this regards are as follows:

- University emphasizes on interdisciplinary research. Both inter-departmental and inter-institutional collaborative research activities are carried out and provided ample opportunities for the researchers to showcase their research capability at the national and international levels.
- A major ongoing research project with an outlay of Rs. 3.7 core involving more than three departments is underway. Innovation-cum-Incubation Centre with both inter-departmental and inter-institutional innovative research projects and inter-institutional collaborative research projects are also in progress.
- To take up research as a career, the university organises memorial lectures/ seminars/special lecture series facilitating research scholars to update their knowledge and make them aware about the availability of different fellowships and other opportunities in different thrust areas.
- A large number of overseas scholars and eminent Indian scholars have visited the University and delivered invited lectures/memorial lectures, etc. The university has organised 35 workshops/training programmes/sensitization programmes and 43 national/international conferences during past five academic years to promote research culture in the campus.
- Major research facilities available on the campus include a Computer Centre with Internet facilities, BARC funded Gamma Chamber, Molecular and Genomics Laboratory, Environmental Biology, Eco-toxicology and Microbiology Laboratories in the Department of Botany, Jatropa-Biodisel Production Plant Garden in collaboration with CSMCRI, Biochemistry, Organic Synthesis, Organo Metallic Chemistry, Nano Chemistry and Supra Molecular Chemistry Laboratories in the Department of Chemistry, Thin Film, Modern Physics, Digital and Computing Laboratories in the Department of Physics, Vacuum Deposition Laboratory and PCB Prototyping Machine in the Electronic Science Department, Cell and Molecular Biology, Geno-Toxicology and DBT Funded Vector Biology Laboratories in the Zoology Department, Ministry of Earth Sciences funded SATCORE Laboratory and Coastal Environmental Monitoring Laboratory in the Department of Marine Sciences, Pharmaceutics and Pharma Analysis Laboratory in the School of

- Pharmaceutical Education and Research (SPER), Biotech Dry and Wet Laboratory and research on cultural studies in the South Odisha Cultural Study Centre.
- One invention from the Department of Chemistry is submitted for patent. Thirteen major research projects with a total outlay of Rs 723.9 lakh are in progress, while fourteen major projects were completed during the assessment period.
 - Department of Mathematics and Political Science were under UGC SAP for DRS and completed their terms, while three more departments; History, Odia and Marine Sciences have been granted financial assistance under the UGC-SAP under DRS.
 - South Odisha Cultural Study Centre has got national/international recognition and has been facilitating researchers coming from different countries like Denmark, Germany and The Netherlands.
 - Over the years a significant increase in the number of students awarded with Ph.D. degrees has been observed. There are 229 full-time research scholars engaged in research leading to doctoral degrees in various disciplines with fellowships from the University or other funding agencies/sources.
 - A Ph.D. student of the Department of Marine Sciences has received the prestigious Newton-Bhabha Ph. D placement Fellowship (2015-2016) and shall work at the University of Aberdeen, Scotland.
 - During the past five years there have been 1046 Research Papers published in national and international journals. There are 85 books and 32 edited volumes published with ISBN number. As many as 95 papers are published as book chapters and 100 as conference proceedings. Some of the papers have been published in very high Impact Factor (12.5) Journals of repute.
 - Many teachers, including the Vice Chancellor, are members of the Editorial Board of national and international journals. The Vice Chancellor and some teachers are also serving as members of steering committees of international conferences.
 - Many faculty members and the Vice Chancellor have received prestigious research awards, national and international recognition for their outstanding contribution in the academics and research. A few of the important awards/recognitions are - *Samanta Chandrasekhar Awards: 06; Commonwealth Fellowships: 07; Fulbright Fellowships:08; DAAD Fellowships: 05; Alexander Humboldt Fellowships:01; International Bilateral Exchange programmes:16, INSA Best Teacher Award:01, Raman Post Doctoral Fellow- 01, USIA- 01, Kendria Sahitya Akademy Award-03 and Bhasa Bharati Saman-01*. Many of our teachers have been serving as Advisors/subject experts in prominent national bodies like the UPSC, UGC, ICSSR, ICHR, DST, CSIR, DBT, Sahitya Akademi, etc.
 - Dr. K. Daruwalla, a Padmashree awardee for literature, was the first recipient of the Kabi Samrat Upendra Bhanja National Award for Literature for the year 2014 instituted by Berhampur University.
 - The university has also instituted a “Dakhina Odisha Loka Sanskrutika Award” for promotion of culture and literature in the region.

- The University has potential to offer consultancy services in several areas, especially in Marine Sciences, Plant Sciences, Biotechnology, Computer Science, Electronic Science, Journalism and Mass Communications, Management, Home Science and Tourism.
- Consultancy policy is in the top priority of the university in the direction of transfer of knowledge and technology from university to industry and society.
- One of the teachers of the University is involved in the preparation of National Education Policy and National Language Policy.
- The total revenue generated through consultancy services is Rs 87.00 lakh (approximately).
- Collaboration with NIRD & PR helped to introduce three add-on courses while National Fisheries Development Board (NFDB) helped in the university's extension activities.
- Department of Marine Sciences has collaboration with Indian National Centre for Ocean Information System (INCOIS), Hyderabad and Integrated Coastal and Marine Area Management Project Directorate, Chennai. These collaborations facilitated and encouraged to undertake quality research.
- The university has signed MoU with five overseas institutes/universities and with two national institutes of repute to expand the basis for friendship and educational exchange which include joint research projects, exchange of students and faculty, exchange of academic information and materials and to organize and participate in joint academic activities, such as, framing courses, organising conferences, seminars, symposia and lectures.
- The extension activities of the University cover several societal activities and are organized through the National Service Scheme (NSS), Women's Studies Research Centre (WSRC) and the collaborating partners like NIRD & PR and NFDB.
- At present there are a total of 11250 numbers of NSS volunteers comprising of 225 units and spreading over 110 colleges under its jurisdiction. The NSS Bureau of the University is spearheading the extension activities which *inter alia* include Community Development, Blood Donation, Plantation, AIDS Awareness, Environmental Awareness, Women Empowerment Programmes, Youth Skill Development, Disaster Management Training Camps, National Integration Camps, Adventure Camps, Health Check-up Camps, *Swachh Bharat Abhiyan*, etc. In recognition of the overall performance of NSS, the university received the Indira Gandhi NSS Award in the year 2010-11 and has bagged a total number of 70 state level awards. Many Programme Officers and volunteers of the NSS have won awards at the state and national levels for their commendable work.
- Action research at Gopalpur-on-Sea in collaboration with NFDB helped significantly for the socio-economic development of the local fisher women community. Women SHGs are provided with three-wheeler autos, solar lanterns, vehicles (Bolero) and sewing machines.
- Ten programme officers and fifty volunteers of the University visited NIRD&PR, Hyderabad to receive an orientation to work in the ten villages adopted by the University. The orientation workshop provided them with a wonderful exposure.
- The University offers immense opportunities to undertake functional literacy projects leading to social and economic empowerment of the local community.

4. INFRASTRUCTURE AND LEARNING RESOURCES

Despite the frequent onslaught of natural calamities, the university has retained its stature, eminence, pride and glory as one of the premier educational institutions of the State of Odisha. The University has always played a proactive role in the outreach activities, while strengthening its own infrastructure, and ensuring high quality academic pursuit. The University has generated more than Rs. 40 crore for the development of its infrastructure. It will receive another Rs. 40 crore from Department of Higher Education, Government of Odisha and RUSA. As regards the steps taken in this direction, the University has recently completed construction of different buildings/facilities and in purchasing the following equipment:

- Innovation cum Incubation Centre.
- New Computer Laboratory.
- Extension of Administrative Block.
- New Conference Hall.
- Purchase of 183 Computer systems, 17 Projectors, 20 numbers of motorised screens.
- Up-gradation of library with purchase of Books, Journals and Periodicals, Magazines, E-Content Access Centre for the use by students and faculty.
- The research laboratories of various science departments are well-equipped with adequate space, UPS and internet facility. The University runs two computer centres namely Biju Patnaik Computer Centre and University Computer Centre for students and staff.
- Wi-Fi campus is underway.
- In its efforts to extend higher education to one and all, especially to women in the state, the university has made adequate provision of hostel accommodation, with a doctor and paramedical staff in the University Health Centre.
- The medical facility of the campus caters to health requirements of students, campus dwellers, staff of the university and the people of the villages surrounding the campus. The medical staff ensures that hygiene is meticulously maintained in the campus. The University renders all possible support to students and staff during medical emergencies. Round-the-clock ambulance service is available to the students and staff.
- The University has a Cultural Committee with a Co-ordinator to promote cultural activities in the campus. The Cultural Committee plays a significant role in encouraging talented students to participate in cultural events organized at the local, regional and national levels. The recently conducted Winter Fest, Yuba Parva are one among the few mega events that the university organised. The cultural committee organizes cultural activities during the Annual Function, celebration of Foundation Day, Independence Day, etc. The university has one auditorium and two open-air theatres i.e. *Kabisurya Mandap* and *Bhanja Mandap* for organizing cultural activities by students.

Future developments of infrastructural facilities, which are likely to be completed within few months, are:

- Smart class rooms for each P.G Department.
- Renovated physical infrastructure for Science Laboratories and Seminar Halls.
- Up-gradation of Central Library with E-Content Access for 30 users at a time.
- Well-furnished office in each department,
- Renovated and furnished Examination Hall, Conference Hall, Senate and Syndicate Hall, Sports Complex, Administrative Block Annex, Guest House Annex.

With a view to facilitating the co-curricular activities/extra-curricular activities, campus recruitments, seminars, conferences, Odisha JEE Counselling, conduct of UGC-NET Examination, National Youth Festival, inter college/ inter university sports and games and hosting several other State-level/National events, the university has already prepared a blueprint on extensive development of infrastructure and other facilities.

5. STUDENTS SUPPORT AND PROGRESSION

The academic support is provided by the University to the students in various ways and means. Apart from regular classroom interactions, many provisions are available to students like proctorial classes, remedial classes for slow learners, coaching classes for NET and through extension activities to ensure their overall improvement not only in academics but also in building personality. The following are the key initiatives taken by this University for the general support and progression of all the stakeholders:

- The University is currently offering three Add-on courses in collaboration with the NIRD & PR, Hyderabad like soft skill development, basic computer application and personality development and one computer literacy programmes in collaboration with IIT, Mumbai.
- Many students' friendly facilities are provided by the University inside the campus like round the clock Ambulance facility, Health Centre, well-designed and equipped computer centre with internet access, separate section in the library for e-content access.
- Seven MOUs have been signed for students/faculty recharge/exchange programmes. There are different committees to ensure the peace and harmony among the students like Anti Ragging Committee, Students Grievance Redressal Cell, Complaint Committee on Sexual Harassment of Women at Workplace, Board of Residence and Discipline Committee.
- All India Central Zone Youth Festival was successfully organized by the University in 2014. The festival was attended by more than 750 outstation participants coming from various parts of India.
- Apart from various fellowships and scholarships available to the meritorious students from different funding agencies and State/Central Governments, University also supports research scholars by providing University Stipendiary Research Fellowship to pursue their Ph.D. degree.
- The overall performance of students' in various competitive examinations is satisfactory taking into consideration the backgrounds of the students.

- The University encourages student's participation in various sports and cultural events by providing necessary support.
- Adequate hostel facilities are extended to students living in hostels. A 16 station multi gymnasium is made available in each and every hostel.
- Power back-up facility is provided to hostels to cope with the power failure.
- The University has introduced the non-negotiable Academic calendar for the smooth functioning of academic activities.
- Choice Based Credit System has been introduced from the academic session 2015-2016 in the Post Graduate Departments.
- The University has three units of NSS which are engaged in different activities inside and outside campus like Swachha Bharat Abhiyan, Plantation Programmes, Awareness Programmes, and Blood Donation Camps etc.
- The University is having a special research centre called South Odisha Cultural Study Centre for the preservation; collection and exhibition of rare artefacts relating to South Odisha with an aim to promote inter disciplinary research.

6. GOVERNANCE, LEADERSHIP AND MANAGEMENT

The University is a well-structured organization governed by Acts, Statutes, Ordinances, and Regulations as enshrined in the Universities Act. of 5 of 1989. It follows '*inclusive governance system*' making the decision-making process both decentralized and participative. Syndicate, Senate and Academic Council are the statutory bodies of the University. The Vice-Chancellor is the Chief Executive of the University. He is assisted by the Registrar, Controller of Examinations, Comptroller of Finance, Chairman, P.G. Council and Heads of the Department in all academic, administrative and financial matters. The University has implemented effective academic audits, financial audit and grievance redressal mechanism for ensuring transparent and smooth functioning.

- The vision and mission of the University emphasize the need for furthering the overall development of the underprivileged and marginalised masses of Southern Odisha.
- Syndicate, Senate, Academic Council and Post Graduate Council of the University play significant role in managing, maintaining and functioning of day to day affairs of the University.
- The University has taken initiatives for promoting research, culture, grooming leadership at various levels and for facilitating the democratization process.
- Promoting a '*culture of participative/participatory management*' is the hallmark of our University.
- The University generates a substantial amount of resources from its own sources by running different courses under Distance Education Centre and offering other Self-Financing Courses. There has been a steady rise in the flow of financial resources and funds which bears a testimony to the growth and development of the University.

- The University maintains zero tolerance towards offences against gender-related violence and ragging.
- The Institution has been working towards quality sustenance and enhancement through the Internal Quality Assurance Cell (IQAC).

7. INNOVATIONS AND BEST PRACTICES

The innovative practices of Berhampur University involve institutionalization of self-regulated innovative responsibilities to promote academic growth of international quality in the University system.

- An eco-friendly campus is maintained through energy conservation, massive plantation, water management, waste management, carbon neutrality, etc.
- The University has adopted a number of innovative practices like modernisation and automation of library, use of ICT in teaching and learning, conduct of regular seminars/workshops/conferences on various issues of academic as well as social significance including gender sensitization.
- Establishment of Innovation-cum-Incubation Centre, University Research Forum and Research Cell and South Odisha Cultural Study Centre.
- Promoted curriculum reforms, and launching a comprehensive website.
- Two of the Best Practices include: (i) Crisis Management System; and ii) Extension Education and Community Services through NSS.
- Community services and extension activities through its NSS Bureau.
- Talent search amongst the students
- Mobilization of funds for infrastructural development.
- Promoting interdisciplinary research,
- Signing of MOU (07) with overseas Universities and national institutions of high repute.

All these processes together have resulted in a vibrant and rewarding educational system, evident from recent increase in the student enrolment, increase in the number of research publications in journals of high impact factor and high placement rate. The University has taken a number of measures so as to bring the underprivileged and marginalized sections of tribal dominated South Odisha into the educational mainstream.

Berhampur University was started with the noble ideals of promoting higher education in the region, fostering original research, creating and disseminating knowledge. To fulfil these objectives, the University has taken all the necessary measures, continuously striving to keep pace with the advances in Science and Technology. The University has been instrumental in serving the disadvantaged tribal as well as non-tribal communities of Southern Odisha and in building a knowledge society in which knowledge does not remain a prerogative of the dominant few. The University also aims at inclusive and equitable growth of the society, thus, affecting transition from an information poor to information rich and economically poor to a resourceful and skilful society.

PROFILE OF THE INSTITUTION

SECTION B

PREPARATION OF SELF-STUDY REPORT

1. Profile of the University

1. Name and Address of the University:

Name:	BERHAMPUR UNIVESITY	
Address:	BHANJA BIHAR	
City: BERHAMPUR	Pin:760007	STATE: ODISHA
Website:	www.buodisha.edu.in	

2. For Communication

Designation	Name	Telephone with STD Code	Mobile	Fax	E- Mail
Vice Chancellor	Professor Deepak Kumar Behera	0680-2343322 (O)	9437058426	0680-2343633	vcbuorissa@gmail.com
Registrar	Professor Ashok Kumar Mohanty	0680-2343234 (O)	9437097983 9437165797	0680-2343234	registratbuorissa@gmail.com registrar@buodisha.edu.in
Coordinator NAAC Steering Committee	Professor Aparajita Chowdhury	0680 2343151 (O)	9437021818		acnaacbu@gmail.com aparajitabpur@gmail.com
Director IQAC	Professor Pratap Kumar Mohanty	0680 2343151 (O)	9938229800		iqac@buodisha.edu.in pratap_mohanty@yahoo.com

3. Status of the University:

State University	<input checked="" type="checkbox"/>
State Private University	<input type="checkbox"/>
Central University	<input type="checkbox"/>
University under Section 3 of UGC (Deemed University)	<input type="checkbox"/>
Institution of National Importance	<input type="checkbox"/>
Any other (please specify)	<input type="checkbox"/>
State University with 2f and 12-B Status	<input type="checkbox"/>

4. Type of University:

Unitary	<input type="checkbox"/>
Affiliating	<input checked="" type="checkbox"/>

5. Source of funding:

Central Government	<input type="checkbox"/>
State Government	<input checked="" type="checkbox"/>
Self-financing	<input checked="" type="checkbox"/>
Any other (please specify)	<input type="checkbox"/>

6. a. Date of establishment of the university: 02/01/1967

b. Prior to the establishment of the university, was it a/an

i. PG Centre Yes No

ii. Affiliated College Yes No

iii. Constituent College Yes No

iv. Autonomous College Yes No

v. Any other (please specify)

If yes, give the date of establishment (dd/mm/yyyy)

7. Date of recognition as a university by UGC or any other national agency:

	Under Section	DD	MM	YYYY	REMARKS
i.	2f of UGC*		01	1967	RECOGNIZED
ii.	12B of UGC *		01	1967	RECOGNIZED
iii.	3 of UGC #				
iv.	Any other ^ (specify)				

* Enclose certificate of recognition.

Encloses notification of MHRD and UGC for all courses / programmes / campus/ campuses.

^ Enclose certificate of recognition by any other national agency/agencies, if any.

8. Has the university been recognized?

a) By UGC as a University with Potential for Excellence?

Yes No

b) for its performance by any other governmental agency?

Yes No

9. Does the university have off-campus centres?

Yes No

10. Does the university have off-shore campuses?

Yes No

11. Location of the campus and area:

	Location *	Campus area in acres	Built up area in Sq. Meters
i. Campus area	BERHAMPUR Odisha, Ganjam Pin-760007	250.67	1280600.2483 Sq. Meter
ii. Other campuses in the country	Satellite Campus at Rayadada ** Gandhi Nagar Rayagada (Odisha) Pin-765001 www.rayagadacollege.org	The Hon.ble, Chief Minister of Odisha has laid the Foundation Stone for the establishment of a satellite campus at Rayagada 23,871.4 Sq. Meter	6315 Sq. Meter
iii. Campuses aboard	NO		

(* Urban, Semi-Urban, **Rural, Tribal, Hilly Area, Any other (please specify)

If the university has more than one campus, it may submit a consolidated self-study report reflecting the activities of all the campuses.

12. Provide information on the following: In case of multi-campus University, please provide campus-wise information.

- Auditorium/seminar complex with infrastructural facilities
- Sports facilities
- Playground
- Swimming pool/ Gymnasium
- Any other (please specify)
- Hostel
 - Boys' Hostel:
 - i. Number of hostels 06
 - ii. Number of inmates 340
 - iii. Facilities: well furnished common room with provision for Newspapers in different languages, weekly magazines, TV, power inverters, indoor games, and water purifiers, 16 station multi gym for every hostel are to be procured and Campus Wi-Fi connectivity is in process.
 - Girls' Hostel
 - i. Number of hostels 06
 - ii. Number of inmates 407

- Facilities: Separate common Rooms and Kitchen cum dining in each hostel, TV hall, recreational facility, refrigerator, reading hall with newspapers, weekly magazines.
- Working women's hostel
 - Residential facilities for faculty and non-teaching
 - Cafeteria
 - Health centre – Nature of facilities available – inpatient, outpatient, ambulance, emergency care facility, etc.
 - Facilities like banking, post office, book shops, etc.
 - Transport facilities to cater to the needs of the students and staff
 - Facilities for persons with disabilities
 - Animal house
 - Incinerator for laboratories
 - Power house
 - Waste management facility

13. Number of institutions affiliated to the University

Type of Colleges	Total	Permanent	Temporary
Arts, Science and Commerce	147	113	34
Law	03	03	00
Medicine	01	01	00
Engineering	NA	NA	NA
Education	06	04	02
Management	07	00	07
Ayurveda	01	01	00
Homeopathy	01	01	00
Nursing	02	02	00
Military Science	01	01	00
Library and Information Science	01	01	00

14. Does the University Act provide for conferment of autonomy (as recognized by the UGC) to its affiliated institutions? If yes, give the number of autonomous colleges under the jurisdiction of the University:

Yes No No.

15. Furnish the following information :

Particulars	Number	Number of students
a. University Departments Post graduate Research centres on the campus	20 Regular 08 Self Finance 01 (WSRC)	Part- I-663 Part-II- 605 12
b. Constituent colleges	01	445
c. Affiliated college	147	20,121
d. Colleges under 2(f)	07	
e. Colleges under 2(f) and 12B	55	
f. NAAC accredited colleges	06	
g. Colleges with potential for excellence (UGC)	NIL	
h. Autonomous Colleges	07	3,380
i. Colleges with Post Graduate Departments	15	1106
j. Colleges with Research Departments	02	28
k. University recognised research institute/ centres (Council of Analytical and Tribal Studies and Women's Studies Research Centre (COATS and WSRC) (M.Phil)	03 (RI-01*) (RC-02**)	36

(*Research Institute and ** Research Centre)

16. Does the university conform to the specification of Degrees as enlisted by the UGC?

Yes No

If the university uses any other nomenclatures, please specify.

17. Academic programmes offered by the university departments at present, under the following categories: (Enclose the list of academic programmes offered)

Programmes	Number
UG	--
PG	20
Integrated Masters	--
M.Phil.	15
Ph.D.	20
Integrated Ph.D.	--
Certificate	
Diploma	--
PG Diploma	02
Any other (please specify) self-finance	07
Total	61

18. Number of working days during the last academic year. **19. Number of teaching days during the past four academic years.**

2012	2013	2014	2015
206	206	204	199

20. Does the university have a department of Teacher Education?

Yes No

21. Does the university have a teaching department of Physical Education?

Yes No

22. In the case of Private and Deemed Universities, please indicate whether professional programmes are being offered?

Yes No

If yes, please enclose approval / recognition details issued by the statutory body governing the programme.

23. Has the university been reviewed by any regulatory authority? If so, furnish a copy of the report and action taken there upon.

Yes. The University was reviewed by the University Grants Commission (UGC) in the year 2007.

24. Number of positions in the university

Positions	Teaching faculty			Non-teaching	Technical
	Professor	Associate Professor	Assistant Professor	Staff	Staff
Sanctioned by the					
UGC / University	18	44	92	309	45
State Government Recruited	03	18	60	223	27
Yet to recruit	15	26	32	86	18
Number of persons working on contract basis			21	54	07

25. Qualifications of the teaching staff

Highest qualification	Professor		Associate Professor		Assistant Professor		Total
	Male	Female	Male	Female	Male	Female	
Permanent teachers							
D.Sc./D.Litt.	01	01	01				03
Ph.D.	22	06	15	06	19	03	71
M.Phil.					03	01	04
PG					04	01	05
Temporary teachers(Guest faculty)							
Ph.D.					16	01	17

26. Emeritus, Adjunct and Visiting Professors.

	Emeritus	Adjunct	Visiting
Number	06	--	03

27. Chairs instituted by the university:

	Chairs
School / Department	NIL

28. Students enrolled in the University Departments during the current academic year, with the following details:

Students	UG	PG	Integrated Masters	M. Phil.	Ph.D.	Inte-grated	D.Litt./D.Sc.	Certifi-cate	Diploma	PG Diploma
	M/F	M/F	M/F	M/F	M/F	M/F	M/F	M/F	M/F	M/F
Form the state where the univ. is located	M-10586 F-8373	M-282 F-381		M-46 F-59	M-33 F-34	--	M-08 F-01			
Form the other states of Indian	NIL									
NRI students	NIL									
Foreign students	NIL									
Total	18959	663	--	105	67	-	09	--	--	--

*M - Male *F – Female

29. ‘Unit cost’ of education

(Unit cost = total annual recurring expenditure (actual) divided by total number of students enrolled)

- (a) Including the salary component = Rs.65653.12.....
 (b) Excluding the salary component = Rs.54258.7.....

30. Academic Staff College (The Human Resource Development Centre Construction is under way)

- Year of establishment;-NA
- Number of programmes conducted (with duration)
 - UGC Orientation
 - UGC Refresher
 - University’s own Programmes

31. Does the university offer Distance Education Programmes (DEP)?

Yes No

If yes, indicate the number of programmes offered. 28 (Twenty eight)

Are they recognized by the Distance Education Council? Yes- for the year 2014-15

32. Does the university have a provision for external registration of students?

Yes No

If yes, how many students avail of this provision annually?

33. Is the university applying for Accreditation or Re-Assessment? If Accreditation, name the cycle.

Accreditation : Cycle 1 Cycle 2 Cycle 3 Cycle 4
 Re-Assessment:

34. Date of accreditation* (applicable for Cycle 2, Cycle 3, Cycle 4 and re-assessment only)

Cycle 1: 01-10-2002 (dd/mm/yyyy), Accreditation outcome/Result (B+)

Cycle 2: (dd/mm/yyyy), Accreditation outcome/Result

* Copy of accreditation certificate(s) and peer team report(s) attached herewith.

35. Does the university provide the list of accredited institutions under its jurisdiction on its website? Provide details of the number of accredited affiliated / constituent / autonomous colleges under the university.

Yes. The following is the list of NAAC accredited institutions under the jurisdiction of Berhampur University.

Sl. No.	College Name	Accredited Status	EC Date
1.	Adivasi College, Balliguda, Dist: Kandhamal	C+	10/02/2007
2.	Aska Science College, P.O. Nuagam, Aska, Dist. Ganjam,.	B	31/03/2007
3.	Binayak Acharya College, Haridakhandi, Berhampur (Ganjam)	C++	02/02/2006
4.	Chikiti Mahavidyalaya, P.O. Chikiti, Dist. Ganjam	B	31/03/2007
5.	Government Autonomous College (Formerly DAV College), Koraput	B	02/02/2006
6.	Gandhi Institute of Computer Studies Dist. Rayagada, Gunupur	A	16/09/2008
7.	Gandhi Institute of Management Studies, Gandhi Campus, Gunupur, Dist. Rayagada	B	16/09/2008
8.	Vikram Deb (Autonomous) College P.O. Jeypore, Dist. Koraput	B++	31/03/2007
9.	Women's College, Rayagada, Dist: Rayagada	C++	31/03/2007
10.	Sri Bharata Pati Mahavidyalaya, P O Samantiapalli, Dist. Ganjam	C++	31/03/2007
11.	Shri Krushna Chandra Gajapati Autonomous College, Paralakhemundi, Dist: Gajapati	B	11/05/2015
12.	Savitri Women's College, Bhanjanagar, Dist. Ganjam	C+	31/03/2007
13.	Science College, P.O. Hinjilicut, Dist. Ganjam	B+	31/03/2007
14.	Shashi Bhushan Rath Government Autonomous Women's College, Berhampur, Dist. Ganjam	B	16/09/2003
15.	Samanta Chandrasekhar Institute of Technology and Management Semiliguda, Koraput	C	21/02/2014
16.	Ram Chandra Mardharaj Science College, Khallikote, Dist. Ganjam	B	02/02/2006
17.	Rayagada Autonomous College, Rayagada, Dist: Rayagada	B	03/03/2015
18.	People's College, Buguda, Dist: Ganjam	B	11/05/2015
19.	Nuvapada Sri Balaji Mahavidyalaya, Nuvapada, Dist. Ganjam	C	16/09/2008
20.	Nowrangpur College, Nabarangpur, Dist. Nabarangpur	C++	17/10/2006

21.	Kabi Samrat Upendra Bhanja College, Bhanjanagarm Dist. Ganjam,	B	31/03/2007
22.	Gunupur College, Gunupur, Dist. Rayagada	B+	31/03/2007
23.	Government Autonomous College, Phulbani, Dist. Kandhamal	B	16/09/2011
24.	Government Science College, Chatrapur, Dist. Ganjam	B	17/10/2006

36. Date of establishment of Internal Quality Assurance Cell (IQAC) and dates of submission of Annual Quality Assurance Reports (AQAR).

IQAC 12/12/2007

AQAR (i) 27/10/2015 for the year 2010-2011
(ii) 27/10/2015 for the year 2011-2012
(iii) 27/10/2015 for the year 2012-2013
(iv) 27/10/2015 for the year 2013-2014
(v) 27/10/2015 for the year 2014-2015

37. Any other relevant data, the university would like to include:

Forty-nine years of the existence of Berhampur University is a relatively short stretch in the vast continuum of historical time. The University is going to celebrate its Golden Jubilee on 2nd January 2016. This is a matter of wonderful coincidence that the University is going for its re-accreditation in the year of its Golden Jubilee. It is significant to mention here that the University faced two severe cyclonic storms, namely, Phailin and Hud-Hud in the year 2013 and 2014 respectively. The storms had their landfall near Gopalpur-on-Sea and devastated the University campus. The infrastructure and other facilities of the University got severely damaged due to the successive natural disasters. We are still struggling hard to come to terms with the havoc caused by the disasters. Despite this, we have made some steady progress in recent time, the highlights of which include: the establishment of a South Odisha Cultural Study Centre, the institution of Kabi Samrat Upendra Bhanja National Award for literature, signing of MoUs with five overseas Universities and two National Institutes IIT, Mumbai and NIRD & PR, Hyderabad. Further achievements such as organization of a AIU-sponsored National Youth Festival, re-introduction of University Gold Medal and Doctoral Fellowship, introduction of CBCS both at undergraduate and Master's levels, organization of two international seminars during the current academic session, adoption of ten villages in seven districts coming under the jurisdiction of Berhampur University, introduction of three separate add-on courses on Soft Skill Development, Computer Applications, and Personality Development are indeed noteworthy.

The University has taken steps to augment its human resources by filling-up 52 teaching posts in various P.G. Departments and Lingaraj Law College, Berhampur by the end of 2015. This will not only strengthen the teaching-learning process but also facilitate research activities.

The University has mobilized funds to the tune of Rupees 70 Crores from the RUSA, the U.G.C., Department of Higher Education, Planning and Coordination Department, Government of Odisha to augment its infrastructural facilities. Work is in progress for construction of new academic buildings for science and humanities, extension of administrative blocks, annex of guest house and library, two ladies' hostels, common kitchen and dining complex for the ladies' hostels, toilet complex for boys' and girls' hostels, human resource development centre, etc.

CRITERION - I
CURRICULUM DESIGN AND DEVELOPMENT

CRITERION – I: CURRICULUM DESIGN AND DEVELOPMENT

1.1.1. How is the institutional vision and mission reflected in the academic programmes of the University

Vision

The university seeks to take long strides in harnessing the outcome of teaching and research in various fields by way of ensuring inclusive growth and thereby prove itself to be a centre of excellence in the domain of higher education.

It further envisions the total upliftment of the weaker sections of the people of the region by providing quality education in consonance with the motto of the university, i.e. *Tamaso ma Jyotirgamaya* which means “Lead me from darkness unto light”.

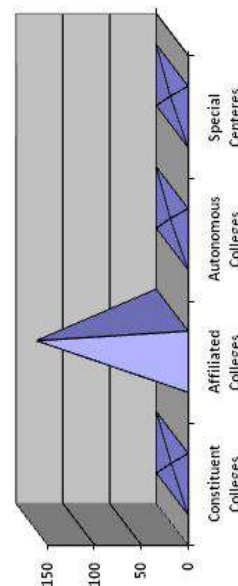
Mission

- Promote inclusive growth so as to cater to the educational needs of the underprivileged people of Southern Odisha, while striving for excellence in scholarship at par with national and international standards.
- Achieve innovation in teaching, learning and research to realize goals of higher education.
- Empower students with relevant knowledge, competence and creativity to face future challenges.
- Create modern teaching ambience for quality academics by providing necessary infrastructure and support to teachers, students and employees.
- Generate awareness of human rights, value systems, culture, heritage, scientific temper and environment.
- Preserve the intangible cultural heritage of the region through documentation
- Inculcate the students with an academic rigor which will inspire them to realize their full potential and contribute to the development of the society

Special Centres and Colleges under University Jurisdiction

Academic Programme Shaping

Type/ Name	Number
<i>Colleges</i>	
Constituent	01
Affiliated	137
Autonomous	07
<i>Special Centres</i>	
Council of Analytical Tribal Studies, Koraput	01
Army AD College, Gopalpur	01
Total	147



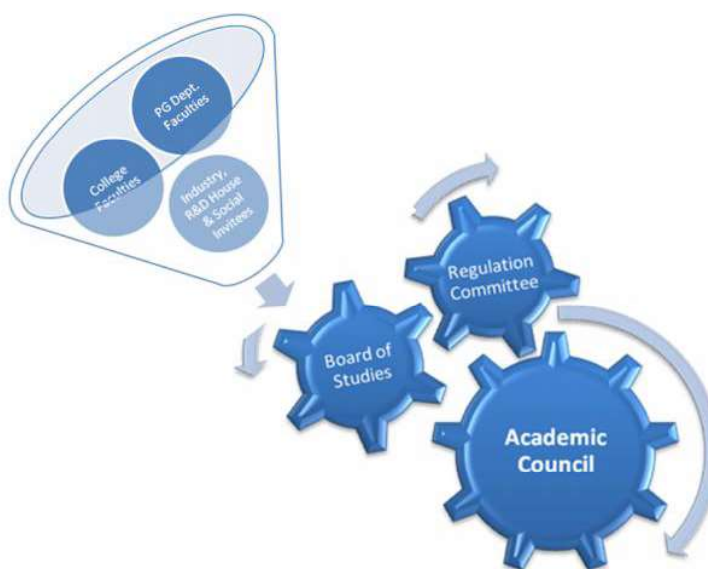
The university caters to the educational needs of the young people of the region mostly inhabited by unprivileged communities. Therefore, it has established a special centre for Tribal Studies, COATS in Koraput.

Points of Interest

1. There has been a sharp rise in the number of affiliated colleges in Tribal areas, which helps increase the Gross Enrolment Ratio (GER) from these regions. In fact, these colleges have created awareness for higher education in these areas.
2. In conformity with its vision, the university campus fosters an environment of cooperation and collaboration, where students, faculty and staff respect and appreciate each other's perspectives, commonalities, differences and contributions. In the campus, the students address compelling social issues through experiential learning, and, on completion of their studies, they move into wider communities, equipped with the intellectual tools and confidence to be responsible citizens and leaders.
3. Complicit with its mission, the university provides its students at different levels, i.e. UG and PG, opportunities to cultivate the knowledge and experience required to meet intellectual, creative and professional goals. It supports students in developing the capacity to interpret and evaluate the ideas they encounter both in and out of the classroom, and to take judicious decisions. Students learn to express their ideas effectively and know that their voices are valued. They pass out with a greater sense of responsibility and self-confidence about their potential for academic success and personal growth, prepared to pursue further studies, a career and lifelong learning

1.1.2 Does the University follow a systematic process in the design and development of the curriculum? If yes, give details of the process (need assessment, feedback, etc.).

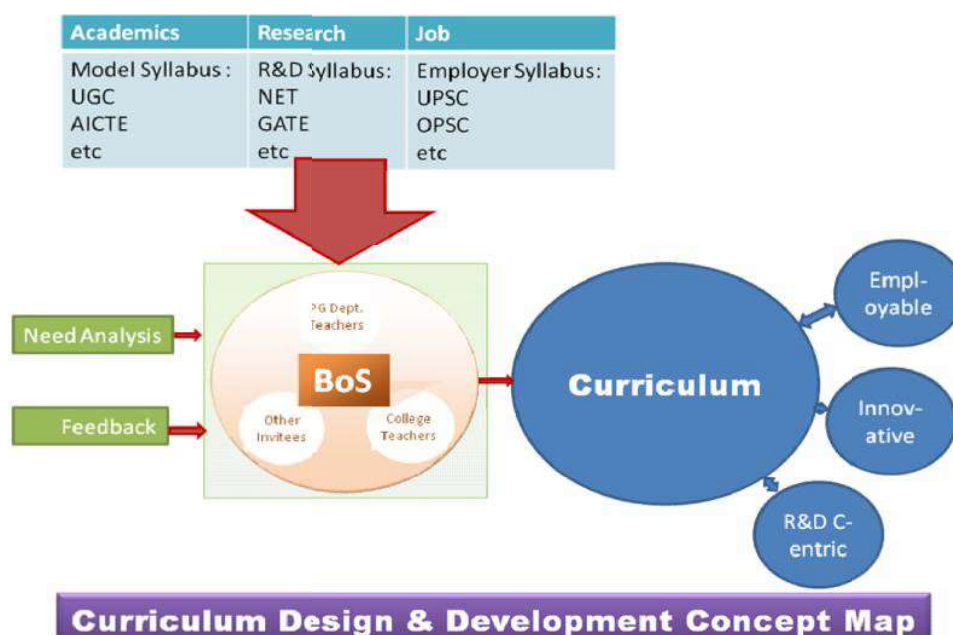
The curriculum design and development process follows a time-tested system with three important statutory components at different levels. For all programmes, there is a Regulation Committee constituted by the Academic Council of the University. Members of this Regulation Committee are teachers of different PG Department with in-depth knowledge of academic management. This Committee forms the regulations for each programme offered by the University, considering the recommendations of another body called the Board of Studies (BoS). Sometimes, the committee takes the help of a sub-committee constituted by the Vice-Chancellor on the request of the committee, whenever the members feel that the opinion of subject experts are



Curriculum Design Process

necessary in forming the regulations. The regulations include almost everything, starting from admission to conduct of examinations to award of degree, except the syllabus, i.e. the Courses of Studies. The Syllabus is prepared and regularly updated by the Board of Studies in the concerned field consisting of subject experts from academics, industry and other allied fields. The Board of studies, while preparing or updating the syllabus, give due consideration to (i) the specific guidelines set by other regulating bodies like UGC, AICTE etc, (ii) the requirements in industry and society and (iii) the syllabus of different competitive examinations. The recommendations of the Regulation Committee and the Board of Studies are placed before the Academic Council of the University, which is the highest authority in matters related to academic functioning. The Council consists of persons from all walks of life related to academics. All academic matters are then thoroughly discussed and debated in the Academic Council before getting a final shape for acceptance.

1.1.3 How are the following aspects ensured through curriculum design and development?



* **Employability**

- Several courses such as Communication Skill, Soft Skill development courses and applied courses, workshop-based courses, internships, project work and dissertation are offered, enabling students to operate within a focused domain of their choice and developing core competence required in becoming knowledgeable individuals to think analytically and critically. Subject experts are invited to impart value-added learning leading to better employability.
- Courses are restructured to strengthen job-orientation to suit the needs of the industry and service sectors with feedback and input from industries and alumni.
- The curriculum design through an equitable proportion of hands-on/practical training for skill acquisition and sound theoretical knowledge serves to equip the students to face real-time situations and societal needs. The curriculum attempts to address the needs of various stakeholders such as Industries, Government agencies, Banking sector, Corporate, IT industry, Insurance sector, NGOs and social and civil society organizations.

* **Innovation**

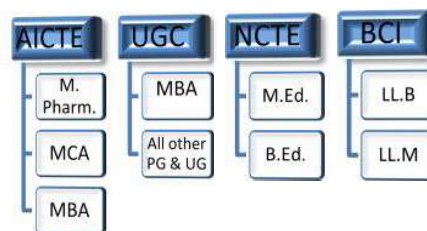
- The Departments and Centres enjoy autonomy to conceive, formulate and introduce contemporary relevant and innovative courses to enable the students to develop analytical skills and scientific temper. The courses are designed to enhance the creative thinking and entrepreneurial ability of students.

* **Research (For details, please refer to Criterion-III)**

- In all M.Phil. and Ph.D. programmes a paper on “Research Methodology” is included as a mandatory course component in the curriculum.
- Many PG programmes, like MCA, Electronic Science, MBA, IR&PM, J&MC etc, also have a mandatory component of projects/dissertations with research orientation.
 - PG students in professional programmes are oriented to research through participation in projects in the last two semesters.
 - PG students are encouraged to enhance their research competence through mechanisms which encourage working on empirical data, writing term-papers, field-based research, working on live projects, etc.

1.1.4 To what extent does the University use the guidelines of the regulatory bodies for developing and/or restructuring the curricula? Has the University been instrumental in leading any curricular reform which has created a national impact?

- ❖ Wherever available, guidelines of regulatory bodies are used as the backbone for different courses by respective Board of Studies. In the absence of such guidelines, courses prescribed by different national level bodies for various competitive examinations are used. Invariably, depending on local, social and industrial needs, 15% to 30% modifications are made to such draft courses by the Board of Studies. In the case of courses for which no such guidelines are available at all, the Board of Studies prepares the curricula, modelled after the courses of other reputed Universities/ Institutions.



Regulatory Body guidelines for different courses

- ❖ The university, over the years, has introduced new need-based programmes of study and revised the curricula to suit the needs of society as well as the local and global demands. The curricula developed by the University have been highly appreciated in academic circles and have also been followed by other institutions.
 - ✓ ‘Signal Integrity in High Speed Circuit’ was first introduced in M.Tech. (EIS) Course in this University, and since 2010 it has become an important module for M.Tech. and B.Tech. courses across the country.
 - ✓ Other similar courses include ‘Soft Computing Applications,’ ‘Microstrip Antenna’ at M.Tech. level and ‘Active Microwave Circuits’ at M.Sc. level.
- ❖ The ‘PG Diploma in Banking and Insurance Management’ programme, with a focus on banking and Insurance, is a departure from the conventional Business Administration programmes offered by the university in collaboration with ICICI Bank.
- ❖ M.Sc. and M.Phil. Programmes in Military Science are the first of their kind in the country which reinforces the field of Defence Study and Research.

1.1.5 Does the University interact with industry, research bodies and the civil society in the curriculum revision process? If so, how has the University benefited through interactions with the stakeholders?

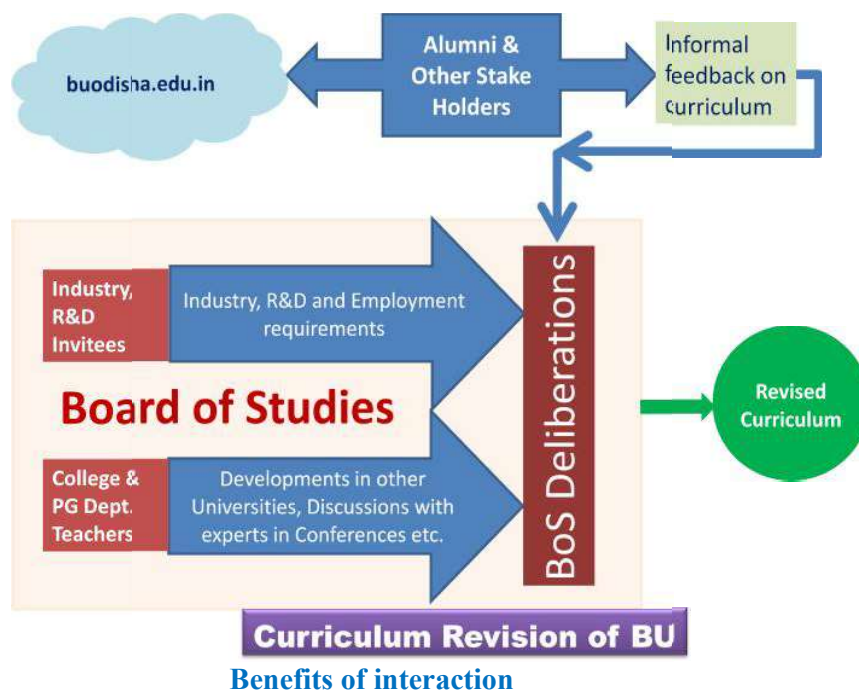
Interactions for Curriculum Revision

The course curriculum of each course is available on the University website, which has unrestricted accessibility. This has resulted in establishing a feedback mechanism through which the faculty members of the different departments get significant opinions/ suggestions from industry, research bodies and civil societies. Besides, the Boards of Studies for different courses also includes members from industry, civil society and research bodies as per necessity. Hence, inputs come from following sources:

The Process

- ❖ Suggestions/ opinions in line with developments in other Universities.
- ❖ Informal survey and interactions with stakeholders and alumni.
- ❖ Interactions with representatives of prospective employers in BoS.
- ❖ Opinion of industries during BoS meetings.
- ❖ Opinions of the experts on various fields obtained by faculties during seminars, conferences, workshops, etc.
- ❖ Informal feedback from the students about the curriculum during student farewells arranged by different departments.

The Process Flow Chart



The members of Board of Studies, well-equipped with relevant inputs for specific changes needed in the curriculum, revise it when the BoS meets, so that:

Enrichment

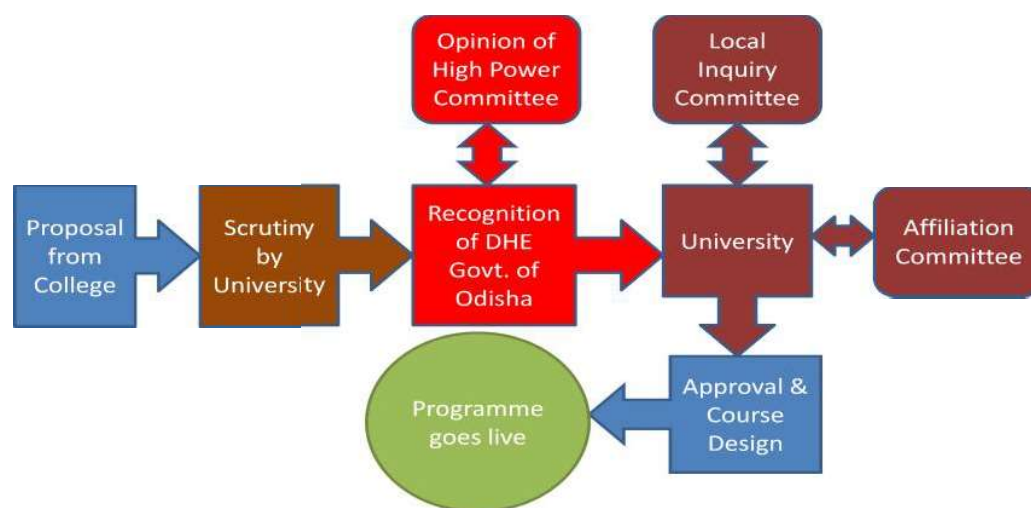
- Globally competitive and locally relevant courses are introduced in the curriculum to develop multi-tasking skills and to offer career training through internships.
- The university offers a vibrant curriculum, which encompasses features to meet the local needs and the required skills for competitiveness at the national level.
- The syllabus makes room for adequate representation of multidisciplinary courses like Geophysics, Marine Sciences, Biotechnology, Computer Science, etc.

Gain

- * The major benefit is the ability to balance theory and practice/application and nurture research aptitude.
- * Increase in number of students at NET examinations, INSPIRE Fellowships, RGNF, etc.
- * Signing of MoUs with government and non-government agencies.

1.1.6 Give details of how the University facilitates the introduction of new programmes of studies in its affiliated colleges

The university strongly believes in bottom-up approach instead of top-down approach as far as programmes of studies at affiliated colleges are concerned. The faculty members of the University PG Department act as members of the BoS of different Autonomous Colleges to take care of the standard of curriculum. The College Development Council, with a senior Professor as its Director, acts as a facilitator for the affiliated colleges. Whenever any new programme of study is proposed by an affiliated college, a duly constituted committee scrutinizes it to maintain its parity with the



Flow Chart of Programme introduction in Colleges

University perspective plan and utility to meet local aspirations. Justified proposals are forwarded to Department Higher Education, Government of Odisha for approval. Proposals approved by the State government are subjected to spot verification by Local Enquiry Committee and Affiliation Committee. Following this, the college is allowed to introduce new programmes.

Such approved courses are then subjected to the well-defined statutory process of formation of regulation and syllabus followed by their approval by the academic council. In case of urgency, the Vice Chancellor approves it under special statutory power entrusted with him.

1.1.7 Does the University encourage its colleges to provide additional skill oriented programmes relevant to regional needs? Cite instances (not applicable for unitary universities)

The University encourages colleges to provide short-term vocational courses relevant to regional needs. Many colleges are running skill development certificate courses which promote employability of the graduate students. Examples of such courses are

- (i) Certificate course in e-Commerce offered by Science College, Hinjilcut and KSUB College, Bhanjanagar
- (ii) Advanced diploma course in Electrical and Electronics Technology at Science College, Hinjilcut.

1.2 Academic Flexibility

1.2.1 Furnish the inventory for the following:

❖ Programmes taught on campus

A wide range of programmes are available in the main campus and its sub-centre.

Programs at Bhanja Bihar Campus and its sub-centre

Regular PG Courses and PG Diploma Courses	PG Diploma Courses	Russian Language and Tourism & Indian Monuments
	M.A. Courses	M.A. in Economics, English, History, Home Science , IRPM, JMC, Linguistics, Mathematics , Odia, Political Science
	M. Sc. Courses	M. Sc. Botany, Chemistry, Electronic Science, Home Science , Marine Sciences, Mathematics , Physics, Zoology
	Professional Courses	M.Com., LLM, MBA, MCA
Self Financed Courses	M.Sc. (Bio-technology), M. Tech. (Computer Science), M. Tech. (Electronic Information System), M. Pharm., M. Sc. In (Geophysics), Master of Social Work, PG Diploma in Banking and Insurance Management, MBA (Financial Management).	
M.Phil. Courses	Anthropology, Botany, Chemistry, Commerce, Economics, Education, English, History, Home Science, IR&PM, Marine Sciences, Mathematics, Military Sciences, Odia, Physics, Political Science, Tribal Studies, Women's Studies, Zoology	
Ph.D. Courses	Anthropology, Bioinformatics, Bio-Technology, Botany, Business Administration, Cardiology, Chemistry, Commerce, Computer Science, Economics, Electronic Science, Education, English, Environment Science, Geology, Hindi, History, Home Science, IR&PM, J&MC, Law, Library Science, Life Science, Linguistic, Marine Sciences, Material Science, Mathematics, Odia, Pharmacy, Philosophy, Physics, Political Science, Psychology, Public Administration, Sanskrit, Statistics, Telugu, Tribal Studies, Women's Studies, Zoology	
Distance Education Courses	+3 level Courses	Courses in Arts, Science and Commerce
	General PG Courses	M.A. in Economics, English, History, Odia, Political Science, Public Administration, Mathematics M. Sc. Botany, Chemistry, Marine Sciences, Physics, Zoology
	Professional Courses	M.Com., LLM, MBA, MCA

❖ **Overseas programmes offered on campus:**

The University is yet to start any such programme, although it receives overseas doctoral students,.

❖ **Programmes available for colleges to choose from:**

Sl. No	Name of the Programme
1	+3 Arts/ Science/ Commerce
2	BBA, BCA, BES
3	BBA + LLB : Dual Degree
4	M.Com.
5	M.A./M.Sc. (Mathematics)
6	M. Sc. (Electronic Science)
7	M.Sc. (Military Science)
8	M. Tech. (Computer Science)
9	M. Tech. (EIS)
10	LLB, LLM
11	MBBS, MD, MS, DM, Nursing
12	BHMS, BAMS

1.2.2 Give details on the following provisions with reference to academic flexibility:**a. Core/Elective Options:**

- ❖ All PG and M.Tech. Courses are of 4-Semester duration, except MCA which is of 6-Semester duration. A student is allowed to opt for four more semesters for completion of all requirements for the degree. The PG Departments, in each semester, offer certain core subjects that are basic to the discipline and electives which come under specialization. A wide range of electives is available in the third and fourth semesters.
- ❖ M.Tech. (EIS), being a credit based semester course, allows the students to complete all courses within a maximum of 6 Semesters or 4 Semesters at the earliest.
- ❖ M.Phil. Courses are of 2-Semester duration and all requirements are to be completed within 4 Semesters.
- ❖ Ph.D. is to be completed within 10 semesters. The coursework has one core component and one elective component.
- ❖ Students are free to choose their project teammates and supervisor from any Department/ Centre of any University/ Institute/ Research Centre, to carryout interdisciplinary projects.

b. Enrichment Courses:

Add-on courses like Personality Development, Communicative English, and Basics in Computers offered by the University in collaboration with NIRD&PR, Hyderabad.

Students are free to opt for value-added certificate courses offered beyond normal working hour. Under this system the University provides an opportunity to get one PG degree and Certificates within a period of two/ three years of stay at the University.

Besides, the curricula of both professional undergraduate and postgraduate programmes include enrichment courses that enable the students to adapt to the needs of the stakeholders. The enrichment courses include allied subjects, soft skill courses such as communication and computer applications, managerial skills and/or industrial visits.

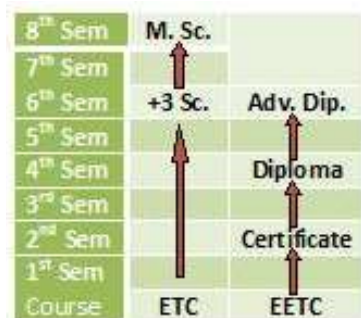
c. Courses Offered in Modular Form:

SFC, like M. Tech. (EIS), offers courses in modular form so that students in employment can take these courses at their own pace and convenience. Also, it helps in getting subject experts for a limited period of time to offer the complete module at one go. Following the introduction of Choice Based Credit System (CBCS) pattern, such a provision is being contemplated for other courses in regular mode also.

d. Credit Accumulation and Transfer Facility:

Credit Accumulation and Transfer Facility was available for these courses until the revision of the Regulations for M.Sc. (Electronic Science) and M. Tech. (EIS) courses in 2011. Besides, these provisions are being contemplated to be re-introduced in a phased manner for all PG courses with the introduction of CBCS from the session 2015-16.

e. Lateral and vertical mobility within and across programmes, courses and disciplines:



Two Self Financing programmes, the M.Sc. (ETC) and Advanced Diploma (EETC), offer vertical mobility within them. The EETC is unique in the sense that a student, depending on need, time and capability can earn a Certificate, a Diploma or an Advanced Diploma in this skill development programme.

1.2.3 Does the University have an explicit policy and strategy for attracting international students?



The University is globally visible through its website containing necessary information to attract students, both local and global.

1.2.4 Have any courses been developed targeting international students? If so, how successful have they been? If 'no', explain the impediments.

Course availability:

The courses offered by the university are universal in nature and open to students outside India as well. Though these courses and programmes, focusing on employability, apart from regional and national demands, are meant for students from the region under the jurisdiction of the University, these are also open to overseas students as well.

Impediments in specifically targeting International Students:

Courses specifically targeting only international students are yet to be designed and offered by the university at present due to the following impediments:

- i. Poor connectivity of Berhampur by Air or water, which is very essential for accommodating international students.
- ii. *Lack of some infrastructure facilities for foreign students, for example International Hostels, ICT based teaching learning process, Health and related amenities, Super markets, Book Stores etc.
- iii. *Lack of required number of faculty members.

*These impediments are likely to be reduced with the Government Grants provided recently.

1.2.5 Does the University facilitate dual degree and twinning programmes? If yes, give details.

Yes.

- Khallikote (Autonomous) College offers 5 years integrated M.Sc. (ETC), which is a dual degree course for +3 Science and M.Sc.
- There is a programme of BBA – LLB at Ganjam Law College.
- The University offers UG and PG programmes through distance mode.

The students can opt for courses through distance education mode while pursuing for full time course in the campus.

1.2.6 Does the University offer self-financing programmes? If yes, list them and indicate if policies regarding admission, fee structure, teacher qualification and salary are at par with the aided programmes?

a. List of the programmes

S.No.	Name of the Self Financing Courses
1	M.Sc. Bio-technology
2	M. Tech. Computer Science
3	M. Tech. in Electronic Information System
4	M. Pharm
5	M. Sc. In Geophysics
6	Master of Social Work
7	PGD in Banking and Insurance Mngt.
8	MBA (Financial Management)

b. Salary and qualifications

Regular faculty is appointed on consolidated basis and part time/ guest faculty on lecture-per-hour basis. As regards the qualification, all regular teachers are appointed as per UGC guidelines.

c. Admission

Admission into M. Pharm. and M. Tech. Courses is done through Odisha JEE (OJEE). Admissions to all other courses are made separately, but the procedure is the same as that for the Regular Courses, i.e. based on Career Points. In all cases, the Reservation Policy of the Government is followed.

c.

Selection of the candidates is based on the career points and as per the Govt. of Odisha Reservation Policy.

d. Fee Structure

Name of the Course	Total Fee in INR Per Year		
	1 st year	2 nd year	3 rd Year
M.Sc. Bio-technology	40,000/-	40,000/-	-
M. Tech. Computer Science	50,000/-	50,000/-	-
M. Tech. in Electronic Information System	35,000/-	35,000/-	-
M. Pharm	50,000/-	50,000/-	-
M. Sc. In Geophysics	50,000/-	50,000/-	-
Master of Social Work	25,000/-	25,000/-	-
PGD in Banking and Insurance Mngt.	22,500/-	-	-
MBA (Financial Management)	30,000/-	30,000/-	-

1.2.7 Does the University provide the flexibility of bringing together the conventional face-to-face mode and the distance mode of education and allow students to choose and combine the courses they are interested in? If 'yes,' give operational details.

The University is yet to develop such facilities.

1.2.8 Has the University adopted the Choice Based Credit System (CBCS)? If yes, for how many programmes? What efforts have been made by the University to encourage the introduction of CBCS in its affiliated colleges?

Condition of CBCS

Initiation

- The University has adopted credit based semester system for M.Sc. (Electronic Science) and M. Tech. (EIS) since 2007.
- From the session 2015-16 a Common Regulation for all PG Courses have been adopted to offer Choice Based Credit System.

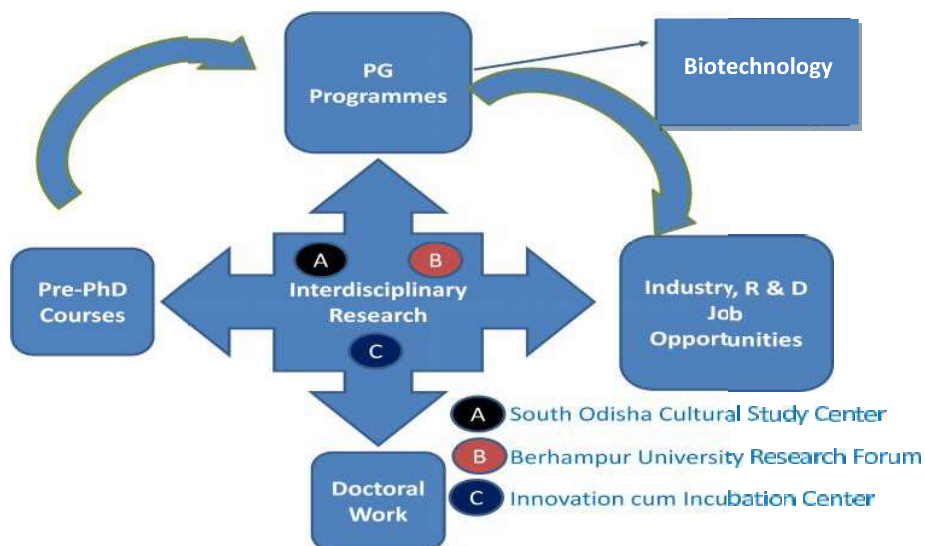
Efforts	The University conducted a Workshop, in which the Vice-Chancellors of other State Universities participated as experts and the Hon'ble Minister of Higher Education, Government of Odisha participated along with senior officials like the Principal-cum-Secretary and others who frame and regulate the Higher Education Policy. After brainstorming sessions and inputs from the Higher Education Department, the University has moved to adopt the CBCS. The regulations are available on university website http://buodisha.edu.in
Status in Colleges	<ul style="list-style-type: none"> All affiliated Autonomous colleges have also introduced CBCS in UG programmes from the session 2015-16. UG courses in all other affiliated colleges shall come under this system from the session 2016-17.

1.2.9 What percentage of programmes offered by the University follows?

Type of Course ↓		Trimester System	Annual System	Semester System
UG Courses	Autonomous Colleges	00%	00%	100%
	Affiliated Colleges	00%	100%	00%
Distance Mode Courses		00%	100%	00%
PG and M.Phil. Courses		00%	00%	100%

1.2.10. How does the University promote inter-disciplinary programmes? Name a few programmes and comment on their outcome.

The university encourages interdisciplinary research among its faculty in PG Departments and Centres. Such inter-disciplinary research not only helps produce doctoral students but also gradually percolates to pre-PhD and PG programmes over a period of time based on the technological and social requirements. Programmes like M.Sc. Bio-Technology, M.Sc. Geophysics, MBA in Financial Management (formerly MFC) are only a few examples of such inter-disciplinary programmes. Students of such programs are well-placed in industries and R&D organizations.



1.3 Curriculum Enrichment

1.3.1 How often is the curriculum of the University reviewed and upgraded for making it socially relevant and/or job oriented/knowledge intensive and meeting the emerging needs of students and other stakeholders?

In order to facilitate curriculum implementation, adequate statutory reviewing mechanism is available and its operation is noticeable as briefly explained below:

- The University reviews and upgrades the curriculum of different courses annually through a meeting of the Board of Studies of the concerned subjects held every year for making it socially relevant/job oriented/knowledge intensive and meeting emerging needs of students. Special meetings of the Boards of Studies are being convened for specific purposes.
- The BoS usually takes into consideration recommendations from various quarters including the Staff Council of the respective PG Department.
- Need based major/minor revisions of the curriculum are done every year in these BoS meetings. However, if major changes have not been made, the syllabus is completely restructured after three years

1.3.2 During the last five years, how many new programmes at UG and PG levels were introduced? Give details.

Recruitment of faculty is directly related to introduction of PG programmes. Due to Government restrictions on faculty recruitments it has been difficult to introduce any new regular PG programme during the past five years. However, these restrictions are not in place for private affiliated colleges or SFCs, which usually offer UG courses. The following UG and PG programmes have been introduced during the period 2010–2015:

New Programmes during 2010 – 2015

Programme	Session	No. of Colleges/ Departments
<i>Post Graduate</i>		
MSW	2014-15	01
MA in Rural Management	2010-11	01
MBA (Financial Management)	2014-15	01
<i>Undergraduate</i>		
B.Sc. in Computer Science	2012 – 13	01
B.Sc. in Food Technology	2014 – 15	01
+3 Sc. (Hons.) in Electronics	2012 – 13	01
<i>Advanced Diploma</i>		
Electrical and Electronics Technology	2012 – 13	01
Total		08

1.3.3 What are the strategies adopted for the revision of the existing programmes? What percentage of courses underwent a syllabus revision?

- The Boards of Studies for different programmes closely examine the factors related to social necessity, market requirements, upcoming research thrust areas, and academic trends etc. to determine the necessity for any revision of the concerned programme.
- These observations are aided by feedback from students, alumni, employer, community, and industry among others.
- But, the basic matrix also includes the course contents prescribed by different employing organizations, UPSC, OPSC, model courses by the UGC, AICTE, and courses for NET/GATE/SLATE, etc, since they are also need-based in nature for these organizations.
- Experts in BoS analyze the concerned programme, identify shortfalls and needed reinforcements, and then if necessary, revise it to cater to the modern employment opportunities of the market.
- Due to introduction of CBCS, all regular PG courses (i.e. 100%) have been revised. The courses for all autonomous colleges under BU have been revised with the introduction of CBCS from the session 2015–2016.

1.3.4 What are the value-added courses offered by the University and how does the University ensure that all students have access to them?

The University, in collaboration with NIRD&PR, Hyderabad, has introduced, from the session 2014-15, three non-credit supportive courses: Communicative English, Personality Development and Basics in Computer Application. These are available to all PG students in the main campus.

1.3.5 Has the University introduced any higher order skill development programmes in consonance with the national requirements as outlined by the National Skills Development Corporation and other agencies?

The CBCS, being developed for UG courses, takes care of this aspect. As per the decision of the Government of Odisha in Higher Education Department, this system is now in operation in all Autonomous Colleges under the University and shall be operative from the session 2016-17 in all other affiliated colleges.

1.4 Feedback System

1.4.1 Does the University have a formal mechanism to obtain feedback from students regarding the curriculum and how is it made use of?

- The University Internal Quality Assurance Cell (IQAC) uses a proforma to collect feedback on the curriculum and teaching-learning-aspects from the students at the end of each academic year.
- Based on the feedback, the curriculum is updated and enriched to suit the current trends after discussion with the Department and the P.G. Council.
- The grievance redressal cell also plays vital role in this process.

- The feedback from the students regarding curriculum both on the course content and teaching methodology is discussed by the faculty at the end of every Semester in an attempt to take cognizance of the students' problems.
- The University has prepared formal student feedback system and it has been introduced from the session 2014-15. The feedback form is distributed among the students in the classroom by the concerned teacher. The students at the end of each semester submit a proforma detailing the merits and demerits of each course.
- The feedback is assessed by the Chairman, BoS who is the senior most teacher of the Department, and his recommendations are considered in the next meeting of the respective Board of Studies for implementation.

1.4.2 Does the University elicit feedback on the curriculum from national and International faculty?

- Yes. The PG Departments of the University conduct National and International conferences/seminars on modern trends in their subjects concerned. Besides, the faculty members of the University also attend conferences/seminars at different places all over the world. The delegates from national and international level Universities and the faculty members of the university departments hold discussions regarding curriculum enrichment in the concerned subject.
- The University also uses relevant novel curricular aspects from the curriculum obtained from different forums, both national and international. Many departments conduct workshops, seminars and indulge in other discussions to compare the information received from different sources – academia, government bodies, alumni and potential recruiters, regarding necessary curriculum enrichment
- The result of the above-mentioned methods to obtain feedback on the curriculum is given below:
 1. Receive suggestions, exchange views and review academic programmes,
 2. Immensely help in designing rigorous academic programmes geared towards generating future scholars, teachers, practitioners, researchers and trainers.

1.4.3 Specify the mechanism through which affiliated institutions give feedback on curriculum enrichment and the extent to which it is made use of.

- ❖ The College Development Council of the University organizes Principals' Conferences to review the teaching learning and other academic programmes at UG and PG level and devise strategies for ensuring globally relevant need-based courses.
- ❖ The senior college teachers represent their colleges in the Board of Studies of all subjects as members. This has given the needed opportunity to the affiliated colleges/ institutions to give not only the feedback but also directly contribute to curriculum enrichment. Hence, the representative character in the Board of Studies is the mechanism which takes care of the feedback system comprehensively and effectively.
- ❖ In the Academic Council and Senate meetings, the Principals and college teachers as members of the statutory bodies give their inputs for improving the curriculum.

1.4.4 What are the quality sustenance and quality enhancement measures undertaken by the University in ensuring the effective development of the curricula?

Efforts are being made to seek inputs from the stakeholders such as alumni, industry, employer, etc. Aspects of the Curriculum are strengthened by revision of syllabi at par with the emerging trends. In order to meet the global demand, emphasis is laid on application-oriented subjects apart from introducing new concepts, contents and modules in accordance with the changing societal needs, industrial demands and employment prospects.

The following measures are undertaken to ensure quality sustenance in the curricula:

1. Planning well in advance about the course content and organization
2. Undertaking a comprehensive review inclusive of student feedback towards the end of the semester and bringing it up for discussion in the meetings of the Boards of Studies.

CRITERION - II
TEACHING-LEARNING AND EVALUATION

CRITERION II: TEACHING-LEARNING AND EVALUATION**2.1 Student Enrolment and Profile****2.1.1 How does the university ensure publicity and transparency in the admission process?**

The entire admission process is monitored by the Admission Committee duly constituted by the University. The Committee meets at the beginning of every academic session and formulates Admission Rules and procedures for the courses offered by the P.G. Departments of the University. The decision of the Admission Committee is placed before the Post Graduate Council for approval which is subsequently approved by the Syndicate.

Applications for admission into different courses are invited through advertisement in leading newspapers both in English and local language. The advertisement is also placed in the University Website along with the detailed Prospectus and Application Form.

2.1.2 Explain in detail the process of admission put in place by the university. List the criteria for admission: (e.g.: (i) merit, (ii) merit with entrance test, (iii) merit, entrance test and interview, (iv) common entrance test conducted by State agencies and national agencies (v) other criteria followed by the university (please specify).

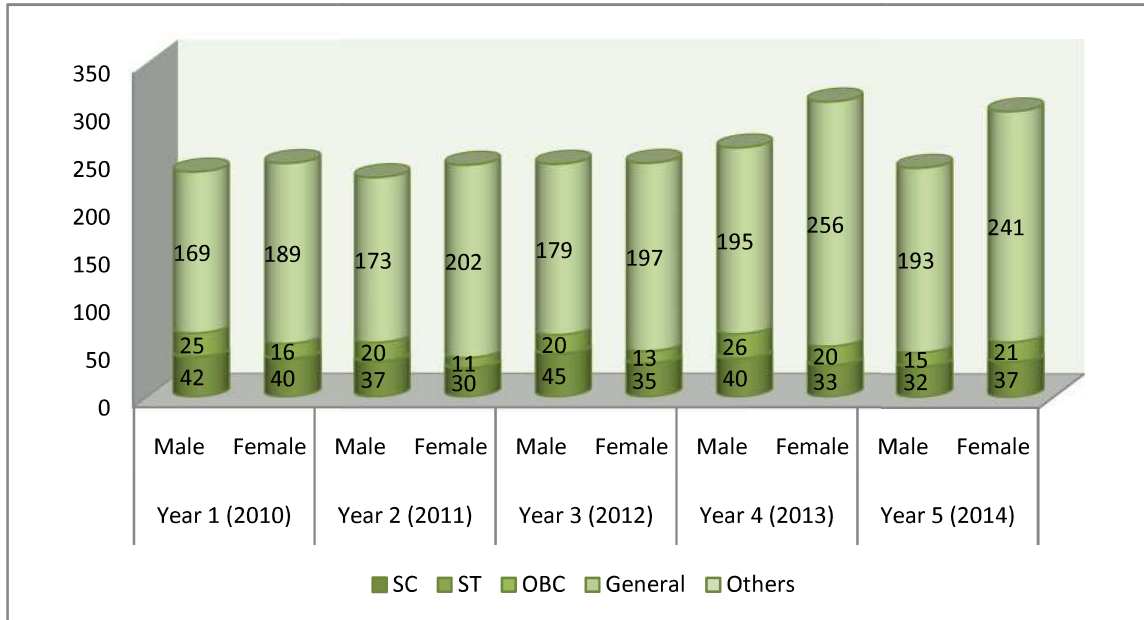
- Selection of students to most of the Post Graduate/P.G. Diploma courses is based on career weightage and marks secured in the qualifying examinations.
- For the professional courses like MBA, MCA and M.Pharm., admission is based on the ranks secured in the State level joint entrance examination (OJEE)
- For the self-financed courses, the admission is finalized through entrance tests conducted by the University. The merit list is prepared by taking into account both career marks and performance in the entrance test assigning 50% weightage to each component.
- Admission to M.Phil. courses is finalized through entrance test conducted by the University.
- Admission to Ph.D. programmes is finalized through UGC NET/ National level tests/University Research Eligibility Test followed by an interview conducted by the Department Committee in the presence of an observer duly appointed by the Chairman, Post Graduate Council.

In all the above courses reservation policy of the State Government is strictly followed.

2.1.3 Provide details of admission process in the affiliated colleges and the university's role in monitoring the same.

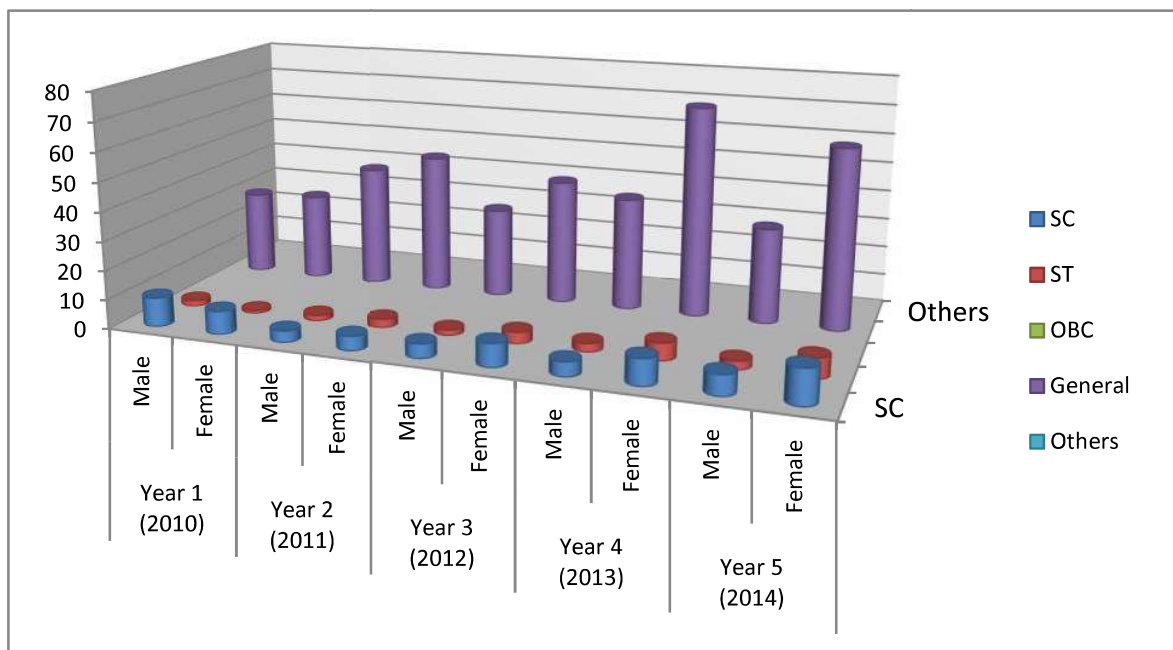
- Admission to P.G. courses is based on career weightage and marks secured in the qualifying examinations.
- Admission to Under Graduate courses offered by different affiliated colleges is conducted and monitored by the Department of Higher Education, Govt. of Odisha through a well-defined e-admission process.

2.1.4 Does the university have a mechanism to review its admission process and student profile annually? If yes, what is the outcome of such an analysis and how has it contributed to the improvement of the process?



M.Phil. Courses

Categories	Year 1 (2010)		Year 2 (2011)		Year 3 (2012)		Year 4 (2013)		Year 5 (2014)	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
SC	10	8	4	5	5	8	5	9	7	12
ST	2	1	2	3	2	4	3	6	3	7
OBC										
General	29	30	42	48	31	43	39	72	33	62
Others										



2.1.7 Has the university conducted any analysis of demand ratio for the various programmes of the university departments and affiliated colleges? If so, highlight the significant trends explaining the reasons for increase / decrease.

Programmes	Number of applications	Number of students admitted	Demand Ratio
UG	Online Admission by Dept. of Higher Education, Govt. of Odisha	21,811	-
PG	3952	422	9:1
Integrated Masters	--	--	-
M.Phil.	415	135	3:1
Ph.D.	632	45	14:1
Integrated Ph.D.	--	--	-
Certificate	--	--	-
Diploma	--	--	-
PG Diploma	--	--	-
Any other	--	--	--

2.1.8 Were any programmes discontinued /staggered by the university in the last four years? If yes, please specify the reasons.

No

2.2 Catering to Student Diversity

2.2.1 Does the university organize orientation / induction programme for freshers? If yes, give details such as the duration, issues covered, experts involved and mechanism for using the feedback in subsequent years.

- Yes. In every session, the academic programme commences with an orientation course for the students for 2-3 days. This starts with an ice-breaking session in which the fresher's interact with one another with group formation based on different factors. That helps them know one another closely apart from helping raise their level of confidence.
- In the orientation course, the students are made to understand the scope of study, need for avoiding ragging and managing their time in an effective manner to their benefit in the interest of academic excellence. The students are also taught about group formation and cohesiveness in order to enhance their "team quotient". The teachers interact with the students on various issues while trying to assess their aptitude and skills and guide them appropriately for the choice of elective courses.
- The departments offering professional courses run these orientation courses for a week or so with a view to enhancing the students' personality and help them develop a positive attitude.

2.2.2 Does the university have a mechanism through which the “differential requirements of the student population” are analysed after admission and before the commencement of classes? If so, how are the key issues identified and addressed?

- Yes, considering the diverse socio-economic background and the heterogeneous composition of the students, adequate opportunities are provided for social mixing.
- The required information about a healthy campus life is given in the form of guidelines to the students by the proctors of different departments for maintenance of a congenial atmosphere inside the campus.
- Region specific cuisine is arranged in the hostel mess; further, students are also permitted to have their own choice in the menu.
- Orientation programme for SC/ ST students are conducted by the university to familiarize them with various courses and facilities available to them. This is further emphasized through the U.G.C coaching scheme for S.C/ S.T centre of the university which imparts learning, and monitors their academic as well social development. The Vice Chancellor, Chairman Post Graduate Council, and Warden directly interact with the office bearers of the Students’ Union, Sister Associations and also with students from time to time to understand specific requirements of the students. Attempts are made to provide them the facilities/requirements. Faculty members and HODs also take stock of the situation from time to time.

2.2.3 Does the university offer bridge / remedial / add-on courses? If yes, how are they structured into the time table? Give details of the courses offered, department-wise/faculty-wise?

- Yes. Foundation courses in the basic subjects for inter-disciplinary programme/professional programme are given by the respective departments. The university has several provisions like tutorials, internal assessments, mid-semester and end-semester examinations. Extra attention is provided to slow learners.
- Further, the mentoring concepts are put into practice through a proctor system wherein the proctor counsels the students on the academic as well non- academic matters.
- In addition, in order to enhance the students’ additional skills, the university has made provision for students of all the departments add on courses (non- credit) on (i) Personality Development, (ii) Communicative English, and (iii) Computer Application in collaboration with National Institute of Rural Development and Panchayati Raj (NIRD & PR), Hyderabad.
- On successful completion of such courses the students are given certificates to enhance their employment/ job prospects.

2.2.4 Has the university conducted any study on the academic growth of students from disadvantaged sections of society, economically disadvantaged, physically handicapped, slow learners, etc.? If yes, what are the main findings?

- Yes. The study has found out that, there is an appreciable increase in the aspirations of the students regarding their career development, especially the students of the disadvantaged sections of the society.
- Over a period of five years there has been a steady increase in the pass percentage as well in the students’ performance as evident by records.

- It is pertinent to mention that the University has already adopted Choice Based Credit System (C.B.C.S) in its curriculum which allows the students to opt from a variety of papers offered by the University.

2.2.5 How does the university identify and respond to the learning needs of advanced learners?

- Advanced learners are identified on the basis of their performance and familiarity with the e-savvy way of learning. They are encouraged to participate in national and international level seminars conducted by our university and other universities as well. They are also guided to apply for various scholarships provided by the government of Odisha to promote talent.
- In order to promote research interest of advanced learners of various departments students are encouraged to apply for “Summer Intensive programme” provided by the industry as well as “Summer Research Fellowship” (SRF) supported by various science academies. The students are also encouraged to go for industrial visit and also to visit established research institutions to observe and learn research experiments. After undergoing such programmes, the students are asked to present their work in the departmental seminars. They are also given training for preparing them for UGC-NET/JRF Examination as part of the regular programme of the department. Some advance learners are encouraged to make independent seminar presentation with the support of teachers.

2.3 Teaching-Learning Process

2.3.1 How does the university plan and organise the teaching, learning and evaluation schedules (academic calendar, teaching plan, evaluation blue print, etc.)?

- The University considers teaching and learning as its primary objective and tries to achieve it by all possible means. The curriculum is designed by senior faculty members of the respective departments along with external experts in the Board of Study meeting which is also approved by the Academic Council.
- The detailed curriculum is uploaded to the University website.
- Courses are taught as per the prescribed curriculum in different semesters.
- The non-negotiable academic calendar is prepared and published by the Post Graduate Council ensuring 90 mandatory teaching days per semester along with the Examination schedule before the beginning of the academic year.
- Evaluation of students is done through internal assessment (carrying 20% of total marks) after completion of 50% of the prescribed syllabus and end-semester examination (carrying 80% of total marks). Concurrent evaluation is also made to help students improve upon and display their confidence.

2.3.2 Does the university provide course outlines and course schedules prior to the commencement of the academic session? If yes, how is the effectiveness of the process ensured?

- The detailed course is accessible from the University website which is also provided to the students by the concerned Department/teachers at the beginning of a semester.
- The academic calendar which reflects the course schedule as well as examinations dates is notified to the students well in advance.
- The effectiveness of the execution of the entire academic plan is monitored periodically by the Staff Council at the department level as well as at the PG Council level.

2.3.3 Does the university face any challenges in completing the curriculum within the stipulated time frame and calendar? If yes, elaborate on the challenges encountered and the institutional measures to overcome these.

Normally, the curriculum is completed within the stipulated time frame. But, when regular classes are hampered due to natural calamities or unavoidable situations, the teachers take extra-classes to make up the deficit and complete the courses with minimal deviations in the academic schedule. For example, during the super cyclone “Phailin” in 2013 and “Hud-Hud” in 2014, normal classes were disturbed for 3-4 weeks but both the teacher as well as student community demonstrated resilience to the devastation and extended a great deal of cooperation in completing the courses by taking extra-classes and without dislocating the examination schedule.

2.3.4 How is learning made student-centric? Give a list of participatory learning activities adopted by the faculty that contributes to holistic development and improved student learning, besides facilitating life-long learning and knowledge management.

Based on the requirements of a specific course, different teaching methodologies are adopted by the concerned teacher to make the course more interactive and student-centric so as to enhance the learning experience of the students. Some of the commonly adopted participatory learning activities include:

- Problem-solving assignments on different topics that require proper understanding of a subject and its application.
- Group projects that help students to develop ability for cooperative problem-solving.
- Term papers to encourage in-depth study
- Seminar presentation by students on new concepts and evolving areas.
- Open class-room quizzes that instil competitiveness among the students.
- Group discussions on current trends which help in building confidence and leadership among students.
- Field trips that add to on-site exposure and experience

2.3.5 What is the university's policy on inviting experts / people of eminence to deliver lectures and/or organize seminars for students?

- Subject experts and visiting professors from reputed institutions are invited at regular intervals for delivering lectures at the departmental level.
- Special lectures by eminent personalities, social workers and artists are arranged by the University.
- Invited lecture series are arranged for visiting fellows from abroad
- UGC sponsored seminars/conferences are organized for faculty and students.
- Workshops sponsored by the State Governments and other agencies like NIRD and PR, Hyderabad are also organized on topics of local relevance, curriculum design, skill-development, etc.
- Memorial lectures are delivered by scholars of eminence both from India and abroad.

2.3.6 Does the university formally encourage blended learning by using e-learning resources?

- Yes, the University encourages the use of e-learning contents to the extent possible.
- Access to different e-resources is made possible through the NME-ICT project of MHRD, Govt. of India.
- INFLIBNET
- Departments like Computer Science and Electronic Science use e-contents available through NPETEL.
- Some of the teachers use PPTs and a variety of e-resources during class-room teaching which is also shared with the students.
- Steps are being taken to subscribe to e-journals for the benefit of the students.
- The University library has an e-content Access Centre.

2.3.7 What are the technologies and facilities such as virtual laboratories, e-learning, open educational resources and mobile education used by the faculty for effective teaching?

- Access to on-line learning material
- Repository of video lectures
- Spoken Tutorial material provided by IIT Bombay.

2.3.8 Is there any designated group among the faculty to monitor the trends and issues regarding developments in Open Source Community and integrate its benefits in the university's educational processes?

Though there is no formally designated group but the Department of Computer Science takes initiative to popularize the concept of "Open Source Community" and encourages the use of open source software as far as practicable.

2.3.9 What steps has the university taken to orient traditional classrooms into 24x7 learning places?

- Students are kept engaged through projects and term papers beyond normal class-hours.
- Field trips are arranged for onsite experience wherever necessary.
- Study materials are shared with the students through emails which can be accessed anytime at the convenience of the students.

2.3.10 Is there a provision for the services of counsellors / mentors/ advisors for each class or group of students for academic, personal and psycho-social guidance? If yes, give details of the process and the number of students who have benefitted.

Yes.

- Each class is divided into equal-size groups and a group is assigned to a proctor who interacts with the students once in a week and provides necessary guidance on academic matters.
- Beside this, students can approach the assigned proctor anytime for counselling and guidance on academic as well as personal matters.
- The Career and Placement Assistance Cell provides necessary career guidance to the students. It also assists the students in their placement.
- There is a student advisory committee which works towards maintaining discipline in the campus by counselling the students whenever there is dissatisfaction among the students on any issue.

2.3.11 Were any innovative teaching approaches/methods/practices adopted/put to use by the faculty during the last four years? If yes, did they improve learning? What were the methods used to evaluate the impact of such practices? What are the efforts made by the institution in giving the faculty due recognition for innovation in teaching?

- Use of ICT-enabled teaching is encouraged for effective teaching-learning experience.
- Efforts have been made for participatory learning which helps in realizing an agile learning environment rather than a monotonous one-way teaching.
- Presentation of case studies has proved to be quite effective in enabling the students to deal with practical problems.

2.3.12 How does the university create a culture of instilling and nurturing creativity and scientific temper among the learners?

- Research students are given a forum to present their research findings.
- Students are encouraged to give seminar talks and participate in group discussions which enhance their confidence and presentation skill.
- Students' magazines are promoted at different levels: P.G. Council, Departmental Wall Magazine.
- Different competitions are organized at different levels.
- A student initiated talent search is organized every year to identify talents and promote creativity among students.

2.3.13 Does the university consider student projects mandatory in the learning programme? If yes, for how many programmes have they been (percentage of total) made mandatory?

- **A number of projects are executed within the university**

All the professional courses like MCA, MBA, IR&PM, and J&MC have mandatory project work in their curriculum. These projects are carried out either in-house or in collaboration with some industries/organizations/academic institutions.

- **Names of external institutions associated with the University for Student Project Work**
 - National Informatics Centre (NIC), Government of India
 - Indian Space Research Organization (ISRO)
 - NIRD & PR, Hyderabad
 - Gopalpur Port
 - Department of Forest and Environment
 - Bhaba Atomic Research Centre
 - Indian Rare Earths Ltd., Chatrapur
 - J.K. Paper Mills, Rayagada
 - National Aluminium Company Limited, Damanjodi
 - Hindustan Aeronautics Limited, Sunabeda
- **Role of faculty in facilitating such projects**
 - The faculty members use their contacts to arrange student projects in reputed organizations.
 - Teachers also monitor the progress/outcome of the projects undertaken by the students in different organizations.

2.3.14 Does the university have a well-qualified pool of human resource to meet the requirements of the curriculum? If there is a shortfall, how is it supplemented?

- Yes, the University has a well-qualified pool of human resources both young and experienced who spearhead all academic activities.
- Over a period of time the number has gone down but the University is taking initiative to fill-up the deficiencies as far as possible.
- University has also taken steps to engage retired teachers, external experts to meet the requirements of different academic programmes.

2.3.15 How are the faculty enabled to prepare computer-aided teaching/ learning materials? What are the facilities available in the university for such efforts?

Each department has computers to prepare audio-visual contents on different topics and use those in the class-rooms with the help of multi-media projectors. Study materials are being sent to students via email.

2.3.16 Does the university have a mechanism for the evaluation of teachers by the students / alumni? If yes, how is the evaluation feedback used to improve the quality of the teaching-learning process?

- Students give their feedback on teachers' effectiveness in teaching through feedback forms.
- The alumni are given opportunity to express their views on the curriculum in general and suggest changes in order to make the curriculum more competitive and job oriented.

2.4 Teaching Quality**2.4.1 How does the university plan and manage its human resources to meet the changing requirements of the curriculum?**

- a) Specializations of teachers are fixed along the line of emerging areas of research and teaching.
- b) The recruitment of teachers is done with the specific specialization ear-marked against the posts.
- c) The teachers of different Departments are allowed to participate in Orientation/Refresher Courses/Seminars and / or other skill-development programmes with a view to equip themselves with teaching skill in emerging areas.
- d) The annual self assessment report helps a teacher to re-asses himself/herself before it is forwarded to the University authorities for suggestions on corrective measures.
- e) Inter-Departmental teaching is encouraged by way of meeting the changing and challenging requirements of the curriculum, particularly with the introduction of CBCS both at the undergraduate and postgraduate levels.

2.4.2 Furnish details of the faculty

Highest Qualification	Professors		Reader		Lecturer		Total
	Male	Female	Male	Female	Male	Female	
Permanent teachers							
D.Sc./D.Litt.	01	01	01				03
Ph.D.	22	06	15	06	19	03	71
M.Phil.					03	01	04
PG					04	01	05
Temporary teachers (Guest Faculty)							
Ph.D.					16	01	17
M.Phil.							
PG							
Part-time teachers							
Ph.D.							
M.Phil.							
PG							

2.4.3 Does the university encourage diversity in its faculty recruitment? Provide the following details (department/school-wise).

Department/School	% of faculty from the same university	% of faculty from other universities within the state	% of faculty from universities outside the state	% of faculty from other countries
Humanities and Social Science	65	30	5	Nil
Science	60	35	5	Nil
Commerce and Management Studies	50	40	10	Nil
Law	70	25	5	Nil
Education	80	15	5	Nil

2.4.4 How does the university ensure that qualified faculty are appointed for new programmes/emerging areas of study (Bio-technology, Bio-informatics, Material Science, Nanotechnology, Comparative Media Studies, Diaspora Studies, Forensic Computing, Educational Leadership, etc.)? How many faculty members were appointed to teach new programmes during the last four years?

- The University gives wide publicity to the requirement of faculty by advertising for the posts in national/Odia dailies and through University Website.
- As many as 40 teachers were recruited during the last four years.
- The University has floated self-financing courses on subjects like Biotechnology, Pharmacy, Geophysics, Financial Management, etc.

- The Army ADGM College, Gopalpur, an affiliated college, has floated courses on Military Sciences.
- The University which is located near the coastal belt floated courses on Post-Graduate Courses on Marine Science.
- Forensic linguistics is offered at Pre-Ph.D. level.
- Bio-Informatics Centre runs under Department of Zoology.

2.4.5 How many Emeritus / Adjunct Faculty / Visiting Professors are on the rolls of the university?

i) Emeritus Professors:

Year	No.
2011-12 to 2012-13	02
2013-14 to 2014-15	04
2015-16 to 2016-17	04

ii) Visiting fellows:

Year	No.
2010-11	04
2011-12	06
2012-13	03
2013-14	03
2014-15	05

iii) Adjunct faculty:

Year	No.
2013—14	02 (From NIRD & PR)
2014-15	02 (From NIRD & PR)

2.4.6 What policies/systems are in place to academically recharge and rejuvenate teachers (e.g. providing research grants, study leave, nomination to national/international conferences/ seminars, in-service training, organizing national/international conferences etc.)?

- Study leave is granted and research grant is provided to teachers
- Teachers are nominated to participate in national and international conferences both in India and abroad, subject to permissible funding from the University Grants Commission, New Delhi.

- The university encourages organization of national/international conferences etc.
- The university encourages in-service training of teachers so as to enable them to keep academically up-to-date and active.

2.4.7 How many faculty received awards / recognitions for excellence in teaching at the state, national and international level during the last four years?

- Samanta Chandra Sekhar Award: 01
- Indian National Science Academy (INSA) Best Teacher Award: 01

2.4.8 How many faculty underwent staff development programmes during the last four years (add any other programme if necessary)?

Academic Staff Development Programmes	Number of faculty
Refresher courses	21
HRD programmes	05
Orientation programmes	07
Staff training conducted by the university	07
Staff training conducted by other institutions	11
Staff training conducted by other institutions	04

2.4.9 What percentage of faculty have been

- ❖ **Invited as resource persons in Workshops / Seminars/ Conferences organized by external professional agencies?**
Sixty-four (64%)
- ❖ **Participated in external Workshops / Seminars / Conferences recognized by national / international professional bodies?**
Eighty (80%)
- ❖ **Presented papers in Workshops / Seminars / Conferences conducted or recognized by professional agencies?**
Eighty (80%)
- ❖ **Teaching experience in other universities / national institutions and other institutions?**
N.A.
- ❖ **Industrial engagement?**
Eighty (80)
- ❖ **International experience in teaching?**
05 (Five)

2.4.10 How often does the university organize academic development programmes (e.g.: curriculum development, teaching-learning methods, examination reforms, content / knowledge management, etc.) for its faculty aimed at enriching the teaching-learning process?

- At least once in a year, the Board of Studies meets to modernize the curriculum in every subject on the basis of the feedback received from the members of the Board representing different institutions/other universities.
- Every year one/two Academic Council meeting(s) is/are held for upgrading course curriculum and introduction of new courses.
- Teaching-Learning methods, content/knowledge management and /or examination reforms are discussed in the different meetings of the Staff Council of different Departments, Regulation Committee, Academic Council, and Senate every year.
- A workshop was organized to give final shape to CBCS at the undergraduate level. The workshop was attended by nine Vice-Chancellors and more than fifty faculty members from different Universities of Odisha.

2.4.11 Does the university have a mechanism to encourage

❖ **Mobility of faculty between universities for teaching?**

Yes , the mobility of faculty is managed through the following:

- UGC Visiting fellowship Scheme
- UGC Visiting Professorship Scheme
- As Resource Persons in UGC Refresher/Orientation Courses
- Lecture Programmes funded by USEIF

❖ **Faculty exchange programmes with national and international bodies?**

- Through MOU with NIRD&PR, Hyderabad
- Through MOU with Universities abroad(Germany, Ireland, The Netherlands, and Sweden)
- Through Cultural Exchange fellowships of the UGC

If yes, how have these schemes helped in enriching the quality of the faculty?

- These schemes have helped enrich the quality of the faculty by giving them wider exposure and thereby increasing their adaptability, in multicultural environment.

2.5 Evaluation Process and Reforms

2.5.1 How does the University ensure that all the stakeholders are aware of the evaluation processes that are operative?

- The non-negotiable examination schedule of all examinations is notified at the beginning of every academic year.
- The evaluation procedure is available in the Regulation/Central Valuation Manual which is available in the concerned section/ website.
- The scheme of valuation is prepared by the chief examiner before the evaluation work is distributed among other examiners on the first day of evaluation.
- Students can take the photocopy of answer script on demand to know their performance.
- Checking of addition of marks can be done through an application by the candidate concerned.

2.5.2 What are the important examination reforms initiated by the University and to what extent have they been implemented in the university departments and affiliated colleges? Cite a few examples which are positively impacted the examination management system.

- For timely publication of results, the University conducts Central Valuation for all undergraduate courses including professional courses.
- Steps have been taken to conduct Central Valuation for the courses like MBBS and all other PG courses (DE Mode).
- For regular PG courses, the University has decentralized the examination procedures. Individual department take the responsibility of conducting the examinations and publishing the results.
- Care is taken to conduct the practical examination, viva-voce examination, project valuation immediately after the theory examination.
- In the Central Valuation, the examiners are provided with the rules and scheme of valuation prepared by the senior and experienced teachers.
- For continuous assessment of students, the University conducts mid-term examination for all PG regular courses and all professional UG courses like BCA, BBA, BES, etc.
- The consolidated mark sheet-cum-provisional certificates with security features are issued to all “passed” students immediately after the declaration of results.
- *Tatkal* system is introduced by which students can do their forms fill-up just 72 hours before the commencement of examination.

- Final certificates with many security features are distributed to the students at the Annual Convocation. The university has hardly any backlog of certificates for distribution.
- The recommendations of the committee constituted for examination reforms are considered by the University administration from time to time.

2.5.3 What is the average time taken by the University for declaration of examination results? In case of delay what measures have been taken to address them? Indicate the mode / media adopted by the University for the publication of examination results (e.g. website SMS e-mail etc.).

- University normally publishes the results within 45 days after the final examination.
- By appointing adequate number of examiners for central valuation, University ensures the publication of result within the stipulated time period.
- Collecting the valued answer scripts through special messengers, University takes enough care to publish the results in time.
- The university examinations are not only displayed in the university notice boards but also posted in the university website along with the marks *i.e.* www.buodisha.edu.in.
- Results are also made available to students through www.indiaresults.com.

2.5.4 How does the University ensure transparency in the evaluation process? What are the rigorous features introduced by the University to ensure confidentiality?

- The Identity of the question paper setters is kept confidential.
- Likewise, the name and address of the confidential printer for printing the question paper and other certificates are also kept confidential.
- Final degree certificate embedded with latest security features which are only known to the Controller of Examinations.
- The University strictly follows the well-defined and well-structured central valuation manual comparable with some other reputed universities in the country.
- Students can procure a photocopy of their script on request to know their performance.

2.5.5 Does the University have an integrated examination platform for the following processes?

- Pre examination processes
- Examination processes
- Post examination process

The University has a well-integrated examination system which takes care of each step from the beginning to end.

2.5.6 Has the University introduced any reforms in its Ph.D valuation process?

Yes, the University has adopted the PhD rules and regulation of UGC 2009 in toto. Due care is taken for a start-to-finish process of evaluation. Course work which includes a paper on Research Methodology is mandatory for a student to enrol himself/herself into Ph.D. programme. The research proposal of the Ph.D. student is evaluated by the Subject Research Committee (SRC) at the department level where the candidate makes a presentation on his/her proposal. Similarly, the student is required to make presentation of the draft dissertation before the submission of the actual Ph.D. thesis in the department. Open Ph.D. defence viva voce examination is held prior to the award of the degree.

2.5.7 Has the University created any provision for including the name of the college in the degree certificate?

The final degree certificates and provisional certificates are issued to the students of the affiliated autonomous and non-autonomous colleges bearing the name of the college.

2.5.8 What is the mechanism for redressal of grievances with reference to examination?

A Grievance Redressal Cell of the Controller of Examinations attends every grievance of the students regarding examination. The Conducting Board and Examination Committee carefully examine the merit of the grievances of the students.

2.5.9 What efforts have been made by the University to streamline the operations at the office of the Controller of Examinations? Mention any significant efforts which improved the process and functioning of the examination division/Section.

The Controller of Examinations, the Chief Executive Officer of Examination Section is vested with the power to administer the personnel with time-bound task.

The work of Controller of Examinations is reviewed by the Vice-Chancellor from time to time. The University has now a full-time Controller of Examinations from Government Department.

2.6. Student Performance and Learning Outcomes**2.6.1 Has the university articulated its Graduate Attributes? If so, how does it facilitate and monitor its implementation and outcome?**

Yes. Efforts are being made to develop soft skills, critical thinking, creativity, value education, problem solving ability, civic sense and social responsibility among students through curricular, co-curricular, extra-curricular and extension activities, in order to make them employable after graduation.

2.6.2 Does the university have clearly stated learning outcomes for its academic programmes? If yes, give details on how the students and staff are made aware of these?

Course guidelines spelled out in the academic programmes result in evolving methodology and strategy to realize learning objectives and outcomes. Students and teachers are sensitized about avenues and opportunities available through successful completion of various academic programmes.

2.6.3 How are the university's teaching, learning and assessment strategies structured to facilitate the achievement of the intended learning outcomes?

Classes are held as per the academic calendar prepared by the Post Graduate Council in the beginning of an academic year. The curriculum in each department is designed in such a way to ensure wholehearted involvement of the students through assignments, seminars, quizzes, midterm tests, case studies, etc. Students are finally assessed by end-semester examinations wherein 50% of the papers are evaluated by external examiners.

2.6.4 How does the university collect and analyse data on student learning outcomes and use it to overcome the barriers to learning?

Feedback on curriculum and teaching process collected from the students on a continuous basis to upgrade teaching learning process.

2.6.5 What are the new technologies deployed by the university in enhancing student learning and evaluation and how does it seek to meet fresh/ future challenges?

- Computer-oriented teaching and learning
- Use of Internet resources
- PowerPoint presentations
- Audio-Video aids such as use of LCD Projector
- ICT enabled teaching-learning

Any other information regarding Teaching, Learning and Evaluation which the university would like to include.

The following measures are taken to strengthen teaching, learning and evaluation process in the University:

- Central Library subscribe to quality national and international journals
- INFONET connectivity provided at Post Graduate Teaching Departments
- e-Content Access Centre

Teaching

- Through webinar
- Educational applications
- Educational portals

Evaluation

- e-evaluation
- e-assignment

CRITERION - III
RESEARCH, CONSULTANCY AND EXTENSION

CRITERION III- RESEARCH, CONSULTANCY AND EXTENSION

3.1 Promotion of Research

3.1.1 Does the university have a Research Committee to monitor and address issues related to research? If yes, what is its composition? Mention a few recommendations which have been implemented and their impact.

- a) Yes, the university used to have Department Research and Development Committee (DRDC) (Prior to) comprising of the Vice- Chancellor, a panel of faculty members and external experts which is now renamed as Subject Research Committee (SRC). Besides, at the Department level, research committee is constituted comprising of all faculty members to address various issues related to research. Research committee monitors and ensures adoption of UGC minimum standards and procedure as per revised guidelines of UGC regulation 2009 for the award of Ph.D., D.Litt. D.Sc. and LLD degree by the University.
- b) Planning & Research (P & R) Section of the university acts as the liaisoning agency between UGC and other funding agencies related to research.
- c) Research proposals and other documents are forwarded to the UGC and other funding agencies through P&R Section.
- d) Committee consisting of the Principal Investigator, Chairman, P.G Council, Registrar and the Head of the concerned department selects research fellows appointed in all sponsored research projects.
- e) Berhampur University has a Research Forum to provide a platform to the scholars to share their research findings.



Vice Chancellor
presiding over the
meeting of BU Research
Forum during September,
2015

- f) University has a Research Cell with a Research Director and Research Coordinator to create an atmosphere conducive for research and to sort out research related problems.

Recommendations:

Some important recommendations of the different committees monitoring the research activities and admission issues related to research are as follows:

- a) Presentation of Research Proposal.

- b) Concerned faculty member makes a presentation of his/her project before that is forwarded to a funding agency.
- c) Pre- Registration Ph.D. synopsis presentation.
- d) Pre-Ph.D. Course Work.
- e) Annual review
- f) Pre-Thesis submission presentation.
- g) Open Viva-Voce.
- h) Up gradation of research fellow from Junior to Senior through a duly constituted committee with an external expert
- i) The research supervisors are advised to submit the list of experts for evaluation of Ph.D. thesis in a specific format at least 3 months prior to the submission of the thesis for speedy evaluation.
- j) Preventive measure on plagiarism.

Impacts:

- Visible improvement in research standards.
- Refinement in research proposals.
- Promotion of interdisciplinary research.
- Presentation of research findings at Berhampur University Research Forum.
- Overall increase in the number of research publications of the scholars and teachers.
- Interest to pursue research as a career is gradually increasing and is evidenced from the increased number of registered research students from 2010 to 2015
- Process of award of Ph.D. has been streamlined and the degrees are awarded within a limited span of time (less than six months).

3.1.2 What is the policy of the university to promote research in its affiliated / constituent colleges?**Recognizing departments/research Centres in Colleges:**

The Principal of the college applies for recognition of a particular department to be considered as a recognized research centre. The details in application include number of teachers with Ph.D. degree, infrastructure, library and laboratory facilities available for conducting research in the Department. So far 15 departments have been recognized as research centres in the affiliated colleges. Besides, the university has recognized the following institutes as research centres:

- i. Pulp and Paper Research Institute, Rayagada.
- ii. National Ayurvedic Pharmacy, Kabisuryanagar, Ganjam.

- iii. Council of Analytical Tribal Studies, Koraput.
- iv. National Institutes of Social Work and Social Science, Bhubaneswar.
- v. Regional Plant Research Centre, Bhubaneswar.
- vi. Sericulture Research Centre, Baripada.
- vii. Dalmia Institute of Scientific and Industrial Research, Rajagangpur.
- viii. Tribal and Harijan Research-cum-Training Institute, Bhubaneswar.
- ix. College of Library and Information Science, Ankushpur.

Upon fulfilling the following norms, the university grants recognition to an affiliated/constituent college to carry out research and to admit candidates for Ph.D. programme:

- i. There shall be at least two Ph.D. degree holders in the Department that seeks recognition.
- ii. An inspection committee appointed by the Vice Chancellor inspects and report the infrastructure and other facilities available in the Department.
- iii. The Syndicate of the University decides the granting of recognition on the basis of the Inspection Committee.

Besides, following policies are also followed to promote research in the affiliated colleges:

- a) The teachers of affiliated/constituent colleges offering PG courses are encouraged to act as recognized research supervisors on fulfilling the required criteria.
- b) The teachers of UG and PG colleges are encouraged to apply for various Major/Minor research projects through University College Development Council (CDC)
- c) The teachers of constituent/affiliated colleges are also encouraged to apply for various fellowships such as Commonwealth, Fulbright, Indo-Sastri Canadian Fellowship, Erasmus Mundus Fellowship, etc.
- d) The teachers are encouraged to attend national and international conferences, symposia, workshops etc.
- e) Teaching departments of the constituent/affiliated colleges are encouraged to organize Seminars, Conferences, Symposia, Workshops, etc.
- f) The common and core research facilities of the university departments and use of central library are made accessible to the students and faculty members of the affiliated/ constituent colleges.
- g) Collaborative research projects are encouraged and are being operated by the faculty members of the affiliated/constituent colleges.
- h) Vice Chancellor has visited more than 40 affiliated colleges of Berhampur University during the last two years to review the academic progress, to encourage teachers and students to engage in research activities, to participate in seminar and workshop, students' programme, NSS activities, etc.

3.1.3 What are the proactive mechanisms adopted by the university to facilitate the smooth implementation of research schemes/ projects?

The university has adopted the following proactive mechanism to facilitate smooth implementation of research projects.

- a) Autonomy to the Principal Investigator (PI) in the appointment of research scholars, submission of utilization certificate and statement of expenditure and in overall execution of the research projects
- b) Simplification of procedure related to sanction and purchase.
- c) Advancing funds to the PI for sanctioned projects.
- d) All purchases are made following the Orissa University Accounts Manual (OUAM), 1987 and maintaining transparency and accountability without compromising the needs of the researchers/project investigators.
- e) Timely release of grants, auditing, submission of Utilization Certificate (UC) to the funding agency.
- f) Sanction of advances, settlement of bills and issue of UC are handled by the Finance and P & R Sections of the University and thus the time delay in implementing the project is avoided.
- g) University Research Cell with a Research Director and Research Coordinator facilitates smooth functioning of research projects.
- h) Most of the Laboratories function without any time restriction as per recommendation and requirements of the investigators and research scholars.
- i) All departments have been sanctioned funds for the procurement and installation of ICT materials.
- j) It is now mandatory for the Lecturers and Readers to have research projects and publish at least two research papers in peer reviewed journals of repute in an academic year. As a result, many young teachers have recently submitted research project proposals to different national funding agencies.
- k) University organizes seminars/lectures (memorial and other lecture series) to facilitate research scholars to update their knowledge, to apply for different fellowship schemes or to make them aware about the scope and opportunities of different fellowships. For example; Dr. Prachi Kaul of the Shastri Indo-Canadian Institute (SICI), while delivering lecture in a seminar organized by the Centre for Canadian Studies, Berhampur University during 10-11 January, 2014, spoke on the scope and opportunities for availing Shastri- Indo Canadian Fellowship. Dr. Sucheta Mishra of Kalinga Institute of Industrial Technology (KIIT) University delivered a lecture on various categories of fellowship awarded by Australian government for Indian students/scholars.

Dr. Andrea Hardenberg of the University of Tubingen, Germany delivered a lecture on various types of fellowship that are available for Indian students in Germany in general and in her University in particular.

3.1.4 How is interdisciplinary research promoted?

Between/among different departments /schools of the university:

- a) The University promotes interdisciplinary research by encouraging faculties to formulate interdisciplinary research proposals from among its different departments.
- b) Further, it allows students to take up M. Phil./Ph.D. research in interdisciplinary research topics (for example M. Phil. and Ph. D. programmes of Women Studies Research Centre). Research supervisors are encouraged for collaborative and interdisciplinary research studies with research supervisor from other universities and National Institutes under joint guidance scheme.

Inter-departmental research guidance and research studies are carried out involving the following departments: Linguistics and Odia, Linguistics and English, Linguistics and Literature, Marine Sciences and Botany, Marine Sciences and Chemistry, Physics and Electronic Science, Physics and Mathematics, Chemistry and Botany, Chemistry and Zoology, Journalism and Mass Communication (JMC) and Odia, JMC and English, Management and Economics, Management and Commerce, Management and Industrial Relations and Personnel Management (IR&PM) and Commerce, Women's Studies Research Centre (WSRC) and History, WSRC and Political Science, WSRC and Home Science to name a few. A major research project amounting to Rs. 3.7 crore on "Documentation and development of Indigenous Languages of South Odisha" under the scheme "Promotion and preservation of indigenous and endangered languages" under XII plan of University Grant Commission, New Delhi has been approved and is one of the best examples of inter-departmental research involving Linguistics, Odia and English Departments.

Besides, Inter-institutional collaborative research is also being carried out by the faculty members of the university. For example; Department of Marine Sciences has research Collaboration with Indian National Centre for Ocean Information Centre (INCOIS), Hyderabad; Integrated Coastal and Marine Area Management (ICMAM) of the Ministry of Earth Sciences, Govt. of India, College of Fisheries, O.U.A.T.

- c) Cutting edge research in the advanced areas like Genomics, Nanotechnology, Climate Change, Targeted Drug Delivery, Vector Biology, Biodiversity, Sericulture, Disaster Management, South Odisha Culture Studies, Gender Studies, Dalit Movements, Peasant movements, Migration Labour, Child Labour are being carried out with the facilities available in the university and other collaborating universities/institutes.

Collaboration with National and International Institutes/Industries:

- a) Joint Ph. D. guidance is a common practice involving faculty members of the university and scientists/professors of national institutes/universities to facilitate best available research facilities and expertise.
- b) Collaborative research Projects are being conducted involving faculties of the university and scientists/professors of national institutes/universities
- c) Department of Marine Sciences has collaboration with industries, ports and other government departments (state and national) which have sponsored consultancy projects.

- d) University has signed Memorandum of Understanding (MoU) with five international universities to promote research collaboration and student exchange programme in areas of mutual interest. MoUs have also been signed with two reputed National Institutes; i) National Institute of Rural Development & Panchayati Raj (NIRD&PR) ii) Indian Institute of Technology Bombay, Mumbai. Efforts are being taken to sign MoU with CSIR National Institute of Oceanography (NIO), Goa and Integrated Coastal Zone Management Authority Project Directorate (ICZMP), Bhubaneswar, Odisha and Chilika Development Authority (CDA), Bhubaneswar as per the recommendation of the SAP advisory committee meeting of the Department of Marine Sciences.

3.1.5 Give details of workshops/ training programmes/ sensitization programmes conducted by the university to promote a research culture on campus.

A total of 35 workshops/training programmes/sensitization programmes have been organized during the assessment period (2010-2015) to promote research culture in the campus. (For details, please refer Annexure- 3.1)

3.1.6 How does the university facilitate researchers of eminence to visit the campus as adjunct professors? What is the impact of such efforts on the research activities of the university?

Researchers from other universities/institutes visit the university campus as research Collaborators. University also invites eminent scholars to deliver memorial lectures and also to deliver special lectures. Eminent scholars who visited the university during assessment period are as follows:

- i. Professor Peter Berger and his research scholar shall visit the University in the month of December, 2015 for strengthening the collaboration and joint research on oral history of southern Odisha.
- ii. Dr. Baishnab Charan Samal, Former Professor of Odia, Viswavarati University, Santiniketan delivered an Invited Lecture on 23rd September 2015.
- iii. Professor Daljit Singh, Vice-Chancellor, Bahra University, Simla and Professor B.P. Panda, Vice-Chancellor, Maharashtra National Law University delivered lectures at a NAAC preparatory workshop on 14th September 2015.
- iv. Professor S.P. Adhikary, Vice Chancellor, Fakir Mohan University, visited the University during July, 2015 and delivered an Invited lecture on “Excellence in Research”.
- v. Professor Khageswar Mohapatra delivered Padmashree Bhagaban Sahu Memorial Lecture during 22-23 March, 2015 (organized by South Odisha Cultural Study Centre).
- vi. Harold Mondol, M₂ Enterprises Solar Lamp, USA visited the Department of Business Administration and delivered an invited lecture on 13th February 2015.
- vii. Laura Frost, Walsh College, USA visited the Department of Business Administration and delivered an invited lecture on 13th February 2015.
- viii. Dr. Lisa Züfle, Karl Eberhard University, Tübingen, Germany visited the University and delivered lecture on 07th February 2015.

- ix. Mr Maximilian Priester, Karl Eberhard University, Tubingen, Germany visited the Department of Business Administration and delivered an invited lecture on 07th February 2015.
- x. Nine Vice Chancellors of different State Universities of Odisha visited BU and participated in the workshop on Choice Based credit system during February, 2015.
- xi. Professor Roland Hardenberg, Karl Eberhard University, Tubingen, Germany visited the University and delivered Sadasiba Tripathy Memorial Lecture during 2015.
- xii. Dr. Andrea Hardenberg, Karl Eberhard University, Tubingen, Germany visited the University and delivered lectures during 2015.
- xiii. Professor Gopal Chandra Rath Memorial Lecture was delivered by Mr P.K. Panda, Group President, HR, Adani Enterprise Limited, Ahmadabad on 5th September, 2014.
- xiv. Dr. M.V. Rao, Director General, NIRD&PR, Hyderabad visited the University and participated in the memorial lecture programme on 16th August 2014.
- xv. Ms. Prakuti Ramesh, Research Scholar, Aarhus University, Denmark visited the University and carried out extensive field surveys in collaboration with South Odisha Cultural Study Centre during July-August, 2014.
- xvi. Dr. Kurt Larsen of World Bank visited the University on 6th May 2014 to make assessment of possible funding to Berhampur University by World Bank after the devastation by the Very Severe Cyclonic Storm (VSCS) Phailin.
- xvii. Binayak Acharya Memorial lecture delivered by Former Justice R. K. Patra on 1st April 2014.
- xviii. Professor James J. Mc Hann Junior, Walsh College, Michigan, USA, Fulbright Scholar, visited the Department of Business Administration during February-March 2014 and delivered several lectures.
- xix. Professor Roland Hardenberg, Karl Eberhard University, Tubingen, Germany visited the University and delivered Sadasiba Tripathy Memorial Lecture during 2014.
- xx. Dr. Andrea Hardenberg, Karl Eberhard University, Tubingen, Germany visited the University and delivered lectures during 2014.
- xxi. Dr. M.V. Rao, Director General, NIRD&PR, Hyderabad visited the University and participated in the memorial lecture programme on 17th August 2013.
- xxii. Professor Fr. Charles Borges, Professor, Loyola University, Maryland, USA delivered an Invited Lecture on 24th July 2013 organized by Centre for Canadian Studies, Berhampur University.
- xxiii. Dr. K.C. Bal, IRS, Chief Personnel Officer, Western Central Railways delivered an invited lecture on 12th July 2013 organized by Centre for Canadian Studies, Berhampur University.
- xxiv. Binayak Acharya Memorial lecture delivered by Justice G.B. Pattanaik, Former Justice, Supreme Court of India on 1st April, 2013.
- xxv. Professor V. R. Neralla, Scientist, Environment Canada, delivered an invited lecture on Global Warming, its impacts and challenges on 19th January 2012.

- xxvi. Professor David K Carson, Palm Beach University, Florida, USA visited the Department of Home Science on 31st December 2010 and conducted Workshop on Youth Development.
- xxvii. Professor Girish Kumar, Professor, Department of Electrical Engineering, IIT Bombay, Mumbai delivered an invited lecture on the “Cell Phone-Tower Radiation Hazards and Solutions” on 30th January 2010 at Berhampur University.
- xxviii. Besides, many eminent overseas scholars have also delivered lectures in the seminars/conferences organized by various departments (Please refer to Annexure 3.2).

Impact:

- a) Visit of the above mentioned eminent scholars and appointment of Emeritus Professors like Professor R. Sahu, Department of Physics, Professor A.K. Mishra, Department of Mathematics, Professor B.B. Panda, Department of Botany, Professor L. N. Raut, Department of History, Professor S.L. Panda and Professor A.K. Paricha, Department of Political Science and Professor S.C. Parida, Department of IR & PM have enhanced the teaching and research activities of the departments which helps PG students and research scholars to get exposure to national/international standards as well as to pursue quality research.
- b) Interaction of faculty and students with eminent scholars facilitates publication of research articles in journals of repute, placement, short term visits and overseas ventures besides enrichment of knowledge.

3.1.7. What percentage of the total budget is earmarked for research? Give details of heads of expenditure, financial allocation and actual utilization.

Following table provides details of the budget earmarked for research by the university

Funds	2010-11 (In Rs)	2011-12 (In Rs)	2012-13 (In Rs)	2013-14 (In Rs)	2014-15 (In Rs)
Receiving Funds	2,48,08,100	1,04,09,700	1,16,89,100	1,82,85,700	1,74,04,800
University Funds	8,00,000	8,00,000	8,00,000	8,00,000	15,00,000
Total funds for research	2,56,08,100	1,12,09,700	1,24,89,100	1,90,85,700	1,89,04,800
Total budget of the University	63,21,33,500	61,04,18,000	70,13,30,400	84,54,04,200	1,07,14,46,800
% towards research	4.05%	1.84%	1.78%	2.26%	1.76%

3.1.8 In its budget, does the university earmark funds for promoting research in its affiliated colleges? If yes, provide details.

Colleges are encouraged to apply for research grants from the funding agencies. In this connection, funds/fellowships are provided through faculty improvement programme and teacher fellowships. The teachers of the affiliated colleges avail the fellowships to visit University/institutes of higher learning to pursue higher studies. The University also helps the colleges to identify the funding agencies and tap research grants for the development of research activities in the colleges. College Development Council (CDC), functioning actively in the university, plays a pivotal role and facilitates research and development activities in the affiliated colleges.

3.1.9 Does the university encourage research by awarding Post Doctoral Fellowships/Research Associate ships? If yes, provide details like number of students registered, funding by the university and other sources.

Post-Doctoral Fellows and Research Associates supported by various agencies like the UGC, DST, CSIR, DBT, etc. are working in the university. They are provided with necessary facilities and administrative support. During the assessment period, the following PDF (Post Doctoral Fellows) Research Associates have worked in the university.

- UGC Post- Doctoral fellow for women: Dr.(Mrs) Kamal Kumri Panda, Department of Botany(2012-2017)
- DBT Research Associate: Dr. Santosh Kumar Behera, Biotechnology (2011-2014)
- UGC Post- Doctoral Fellow: Dr. Tapan Kumar Barik, Department of Zoology availed Raman Fellowship in USA (November, 2013-November, 2014).
- DST Research Associate: Dr(Mrs) Sarmistha Mishra, Department of Marine Sciences (September, 2008- September, 2010)
- ICSSR Post Doctoral Fellow: Dr Arun Kumar Panda, Department of IR & PM(2012-2014)
- UGC FRP–Assistant Professor-UGC: Dr. Laximidhar Rout, Department of Chemistry (August 2014-till date)

Besides, the university encourages the student research by offering various scholarships, research funds and fellowships.

3.1.10 What percentages of faculty have utilized the sabbatical leave for pursuit of higher research in premier institutions within the country and abroad? How does the university monitor the output of these scholars?

As per university norms Professor and Readers are eligible to avail sabbatical leave. Some teachers availed it in the past. However, in recent time due to shortage of teaching staff, teachers are not able to avail the same. The university is in the process of filling up all the vacant teaching posts. Once they are filled up, teachers will be allowed to avail of sabbatical leave.

3.1.11 Provide details of national and international conferences organized by the university highlighting the names of eminent scientists/scholars who participated in these events.

Total number of national/international conference organized during the assessment period is 41(Details are in Annexure-3.3). List of eminent scholars who participated in conferences/seminars/workshops and delivered lectures are provided in Annexure 3.4.

3.2 Resource Mobilization for Research

3.2.1 What are the financial provisions made in the university budget for supporting students' research projects?

- a) University has a scheme called "University Research Fellowship" to support research scholars to pursue research. Each Department of the university is offered with one University Fellowship with a monthly stipend of Rs 5000/-.
- b) Annual contingency amount Rs. 3000/- is also provided to each University Research Fellow.
- c) From the funds of the university, core research laboratories and computer laboratories have been established in the various P.G. Departments. Scholars working as University Research Fellow avail the research facilities of the departments and internet connectivity to access journals and required literature through the subscribed UGC INFLIBNET service. Students are also encouraged to avail summer research fellowship of the National Science Academy. A few students of the Department of Marine Sciences and Physics availed such fellowships.
- d) Field trips are arranged for students to visit institutions of Higher Learning, Industries, National Laboratories and places of Historical Importance.

3.2.2 Has the university taken any special efforts to encourage its faculty to file for patents? If so, how many have been registered and accepted?

Dr. Laxmidhar Rout, Department of Chemistry is processing to file patent on the following:

Title: Methods for Synthesis of Tetrahydroisoquinoline Alkaloid Derivatives.

Abstract of Invention:

The invention is related to preparation of substituted cotarnine/tetrahydroisoquinoline derivatives, by reaction of aryl and acetyl ketones with cotarnine and its salts within few minutes under green condition.

Inventors:

Rout, Laxmidhar Dr. (Berhampur University, Odisha)

Bertounesque' Emmanuel Dr. (Institute Curie, Paris)

Florent, Jean-Claude Dr. (Institute Curie, Paris)

Johannes' Ludger Dr. (Institute Curie, Paris)

3.2.3 Provide the following details of ongoing research projects of faculty:

At present, there are twelve ongoing research projects in the university with a total cost of Rs. 723.92216 lakh. The details of the projects are given below.

Sl. No	Name & address of the Principal Investigator	Name of the Project	Funding Agency	Cost of the Project (Rs. In Lakh)	Duration of the project
1	Prof. B. B. Panda (with Dr. K. K. Panda, recipient of the Post-Doc. Fellow), Emeritus Professor, Dept. Of Botany	Plant mediated biosynthesis, characterization and genotoxic evaluation of metal nanoparticles	UGC, New Delhi	23.00	(2012-2017)
2	Prof. B. B. Panda Emeritus Professor, Dept. Of Botany	Elucidating the mechanisms of metal stress induced hormesis and genomic protection in plants	UGC, New Delhi (Emeritus Fellowship)	-	2014-1016
3	Dr. Rabindra Kishore Mishra, Professor, Electronic Science	Developing Space-Mapped Models for Left Handed Electromagnetic Material based Systems	UGC	14.568	2013-15
4	Dr. Rabindra Kishore Mishra, Professor, Electronic Science	Studying effects of cloak surrounded antennas on SDR performance using neuro-space-mapping	NRB (DRDO)	60.08	2013-16
5	Dr. Rabindra Kishore Mishra, Professor, Electronic Science	Developing Broadband Antenna System for SDR	CSIR	4.67833	2014-16
6	Dr.Dhruba Charan Panda. Reader, Electronic Science	Development of High Speed RCS Computation Scheme	DRDO, Govt. of India	27.67283	2015-2018
7	Dr. Pratap.K. Mohanty, Professor, Department of Marine Sciences	Environmental Monitoring of Gopalpur port during and after construction of all weather direct berthing port (Consultancy Project)	Gopalpur Ports Ltd	81.62	2012-2017
8	Dr. K.C. Sahu, Professor, Department of Marine Sciences	SATCORE (National Network Project) Characterizing coastal water quality using bio-optical properties with special emphasis to phytoplankton size class	INCOIS, Govt. of India	65.03	2012-2017
9	Dr.Sadananda Naik, Reader, Dept. Of Odia	A Structural Approach to Odia Vocabulary	U.G.C.	4.516	2013-2015

10	Dr. Rankanidhi Sahu, Emeritus Professor as Principal Investigator & Dr, Snigdha Mishra, Reader as Co PI, Dept. of Physics	Theoretical studies on double beta decay and spectroscopy of nuclei in the mass 80 region	DST, Govt. of India	14.52	2013-2016
11	Dr. Chapala Das, Reader, Dept. of Physics	”Study of Asymmetric Nuclear Matter at Finite Temperature”	Submitted to UGC	14.212	Under Consideration
12	Dr. U.R. Acharya, Former Professor as PI and Dr. T.K. Barik, Lecturer as Co PI, Department of Zoology	Studies on Commercially important Fish of Gopalpur Coast, Odisha in Bay of Bengal and Development of Data Base Using Bar Coding Technique	Department of Biotechnology, Govt. Of India	44.025	2013-2016
13	Dr. Smita Sinha, Head of the Department of Linguistics as PI and six others as Co PI	“Documentation and development of Indigenous Languages of South Odisha” under the scheme “Promotion and preservation of indigenous and endangered languages”	UGC, New Delhi	370.00	Sanctioned (to be implemented)
Total cost of the thirteen ongoing projects				723.92216	

3.2.4 Does the university have any projects sponsored by the industry/ corporate houses? If yes, give details such as the name of the project, funding agency and grants received.

Gopalpur Ports Ltd. has sponsored a consultancy project to the Department of Marine Sciences on “Environmental Monitoring of Gopalpur Port before, during and after the construction of an all weather direct berthing port” with a total cost of Rs. 81.62 Lakhs. Prof. P.K. Mohanty, Department of Marine Science is the Nodal Expert of the Project.

3.2.5 How many departments of the university have been recognized for their research activities by national/international agencies (UGC-SAP, CAS; Department with Potential for Excellence; DST-FIST; DBT, ICSSR, ICHR, ICPR, etc.) and what is the quantum of assistance received? Mention any two significant outcomes or breakthroughs achieved by this recognition.

Three departments namely Odia, History and Marine Sciences have been recognized for their research activities under UGC SAP

- Department of Odia: Amount Sanctioned —Rs.55,00,000(40+15), amount released Rs. 18,96,000 (2011-12) Rs. 5,79,661 (2013-14)

- Department of History: The UGC sanctioned the department with status of DRS-I (1999-2004, DRS-II (2004-2009) and DRS-III (2009-2014). Amount Sanctioned for DRS III: Rs. 39,00,000/-amount released Rs. 6,20,000 (2009-2010), Rs. 8,08,555/- (2011-12) and Rs. 4,62,273 (2012-13) under SAP plus one Technical Assistant and five temporary staff.

ASHISS (2006-2011): Sanctioned and released Rs.1, 57,660 (2009-10) and Rs.1,30,000 (2010-11)

- Department of Marine Sciences: Amount sanctioned: DRS I--total amount sanctioned Rs. 51,80,000 plus two Project Fellows @ Rs 14,000/- per month.

Amount resealed: Rs. 36,80,000 (2012-13), Rs. 3,50,482 (2013-14), Rs. 6,89,096/-(2014-15)

BSR-Rs 20,00,000/- (2013-14) sanctioned and released + No of project Fellow: Sanctioned-5, Appointed-2.

Significant breakthrough / outcomes:

Department of Odia:

- Excavation, Collection, Preservation, Documentation & Publication of research activities of cultural heritage of South Odisha.
- Establishment of Tribal Museum, Digitalization of palm leaf manuscripts, Publication of rare and old cultural artifacts, cataloguing of palm leaf manuscripts.
- Organization of memorial lectures.

Department of History:

- Regular Publication of Research Journals titled “Studies in History and Culture”, ISSN NO. 0971-9326 (about ten volumes of the journals were published biannually)
- Under ASHISS programme of UGC three books were published under the title “Studies on Orissan History”, Vol. I, II, III relating to history and culture of South Odisha.
- The Department conducted four national seminars and one conference.

Department of Marine Sciences:

- Delineation of CRZ limit in Estuary.
- Focusing on thrust areas such as coastal processes, Marine Biodiversity, Pollution and geomorphological studies of major estuaries along Odisha coast.

3.2.6 List details of

- Research projects completed and grants received during the last four years (funded by National/International agencies).
- Inter-institutional collaborative projects and grants received
 - All India collaboration
 - International

Fourteen major projects with a total cost of Rs. **276.1523 lakh** have been completed during the assessment period. The details of the completed projects are given below.

Sl. No	Name & address of the Principal Investigator/Co Investigator	Name of the Project	Funding Agency	Cost of the Project (Rs. in Lakh)	Duration of the project
1	Dr B.B. Panda Professor Department of Botany	Plant responses to ionizing radiation	Bhabha Atomic Research Centre, Department of Atomic Energy, Government of India, Mumbai	90.00	(2009-2014)
2	Dr. Mrutyunjay Jena, Lecturer and Dr. M.K.Misra, Professor Department of Botany	Impact of JFM in protection on Phytodiversity and structural analysis of some regenerating forest stands in Paralakhemundy	OFSD-Project, Bhubaneswar, Odisha	18.8232	1 years 10 Month (July 2013-Feb. 2015)
3	Dr. Sunakar Panda Reader, Department of Chemistry	Synthesis of Aryl... β cyclodextrin	UGC	6.84135	2010-2013
4	Dr. Bhagabat Patro, Professor, Dept. of Economics	Identifying Child Friendly Components in JNNURM	BVL Foundation	2.75	Six months (2013)
5	Dr. Bijoy Kumar Sahu, Former Professor. Dept. Of Marine Sciences	Biogeochemical Control and Feedbacks on Primary Production in NE-Coast of Bay of Bengal off Mahanadi Estuary, Orissa	Ministry of Earth Sciences	13.477	2008-2012
6	Dr. Bijoy Kumar Sahu, Former Professor. Dept. of Marine Sciences	“Monitoring and Surveillance of Harmful Algal Blooms in the Indian EEZ	Ministry of Earth Sciences, Govt. of India	10.23075	2007-2012
7	Dr. K.C. Sahu, Professor, Department of Marine Sciences	SATCORE (National Network Project) In-situ analysis of bio-optical properties of water quality parameters off Rushikulya Estuary and southern coast of Orissa	INCOIS, Govt. of India	41.93	2009-2012
8	Dr. Pratap.K. Mohanty, Professor, Department of Marine Sciences	Rainfall characteristics and water chemistry of southern Orissa in relation to varied weather conditions	DST, Govt. of India	21.9	2007-2010

9	Dr. Pratap.K. Mohanty, Professor, Department of Marine Sciences	Shoreline Management Plan for Gopalpur coast and shoreline changes through satellite data	Ministry of Earth Sciences, Govt. of India	35.86	2007-2010
10	Dr. Pratap.K. Mohanty, Professor, Department of Marine Sciences	Preparation of Detailed Project Report on ICZMP, Orissa	Chilika Development Authority, Govt. of Odisha	1.20	2008-2011
11	Dr. Pratap.K. Mohanty, Professor, Department of Marine Sciences	EIA Study on the construction of Lighthouse at Dhamra	Ministry of Shipping, Govt. of India	2.65	Feb., 2010 – April, 2010
12	Dr. Pratap.K. Mohanty, Professor, Department of Marine Sciences	Temperature and Rainfall characteristics in the eastern ghats region of southern Orissa covering Malkangiri and Koraput districts	DST, Govt. of India	18.25	2009-2012
13	Dr. Rankanidhi Sahu, Emeritus Professor, Dept. of Physics	Spectroscopy of Nuclei in the mass 80 region	DST, Govt. of India	7.74	2007-2011
14	Dr. T.K. Barik, Lecturer, Department of Zoology	Screening of small molecules for antiaging action using <i>C. elegans</i> and Zebrafish as organism models.	Institute of Nuclear Medicine and Allied Sciences, DRDO	4.5	2011-2013(one and half year)
Total cost of the fourteen completed projects				276.1523	

3.3 Research Facilities

3.3.1 What efforts have been made by the university to improve its infrastructure requirements to facilitate research? What strategies have been evolved to meet the needs of researchers in emerging disciplines?

- University mobilised Rs. 37 crore from the Department of Higher Education, Govt. of Odisha during 2014-2015 and will receive another Rs. 20 crore from the Department of Higher Education under RUSA grant during 12th Plan period.
- University submitted the 20-year Perspective Plan to World Bank which also include research component
- Berhampur University has been recently selected by the World Bank for receiving infrastructure development grant.

- Extension of Library (Rs. 5.0 crore)
- Electrical Renovation and Repair of Laboratories and other infrastructure (Rs. 2.0 crore)

The departments in the university regularly apply for major infrastructure grants from agencies and thus the infrastructure requirements for research in various disciplines have been upgraded / established. Some of the infrastructure facilities established in the emerging areas are listed below:-

- BARC funded Gamma Chamber in the Department of Botany
- Molecular and Genomics Laboratory , Department of Botany
- Algology, Floristic and Ecology Laboratories, Department of Botany
- Environmental Biology, Ecotoxicology and Microbiology Laboratories, Department of Botany
- Jatropa-Biodiesel Production Plant Garden in collaboration with CSMCRI Department of Botany,
- Laboratories of Biochemistry, Organic Synthesis, Organo Metallic Chemistry, Nano Chemistry and Supra Molecular Chemistry, Department of Chemistry
- Thin Film Laboratory, Condensed Matter and Solid State Laboratory, Modern Physics, Digital and Computing Laboratories, Department of Physics
- Vacuum Deposition Laboratory, PCB Prototyping Machine, Fabrication Work station(two), Department of Electronic Science
- Cell and Molecular Biology Laboratory, Department of Zoology
- Geno-Toxicology Laboratory, Zoology Department
- Vector Biology Laboratory-DBT Funded , Department of Zoology
- Seri Culture and Animal Diversity Laboratories, Department of Zoology
- SATCORE Laboratory-funded by MoES, Department of Marine Sciences
- Coastal Environmental Monitoring Laboratory-funded by GPL Ltd, Department of Marine Sciences
- Special Assistance Programme Laboratory, Department of Marine Sciences
- Pharmaceutics Laboratory, School of Pharmaceutical Education and Research
- Pharma Analysis Laboratory, School of Pharmaceutical Education and Research

The university has improved the infrastructure of most of the departments through State Government and RUSA grants.

The University provides necessary financial support to faculty members through UGC grants to participate in national/international conferences/seminars organized in India and abroad and to present their research findings (List of faculty members including the Vice Chancellor who made academic visits abroad for participation in international conferences/seminars are provided in Annexure-3.5).

3.3.2 Does the university have an Information Resource Centre to cater to the needs of researchers? If yes, provide details of the facility. Yes

- a) Student learning and information centre at library; university library has a major information resources centre for the students and researcher. It displays information regarding different fellowships, job and higher study opportunities and is updated

periodically. The Centre also provides unlimited access through the UGC INFONET, e-resources and e-journals through UGC-INFONET digital library consortium.

- b) Bioinformatics Centre: Bioinformatics centre offers services in the field of analysis of DNA/ Protein sequences and structures of macromolecules to the researchers, teachers of different colleges. Information access, retrieval and software access in the areas of the molecular modelling are the facilities available in the centre.

3.3.3. Does the university have a University Science Instrumentation Centre (USIC)? If yes, have the facilities been made available to research scholars? What is the funding allotted to USIC?

Centrally located university science instrumentation centre was functioning during 2007-2012. Now each of the science departments has its own instrumentation laboratories to facilitate research to the research scholars. Some of the laboratory facilities available are as follows:

- a) Analytical services: FT-IR Spectrophotometer–Number of users: 30, number of samples analyzed: 200; Spectrofluorimeter–Number of users: 25, number of samples analyzed: 50; UV–Visible spectrophotometer–Number of users: 300, number of samples analyzed: 1000; HPLC–Number of users: 100, number of samples analyzed: 200
- b) Electronic services: various testing and measuring instruments and tools are available. The list of major instruments available are as follows;
- i. Digital Storage Oscilloscope
 - ii. Microwave Test Bench
 - iii. Antenna Test Setup
 - iv. MIC and MMIC Measurement
 - v. FM.AM Signal Generator, Functions Generator
 - vi. Frequency Counter
 - vii. Digital Signal Processing Kit
 - viii. Embedded System Design(Arm Trainer Kit)
 - ix. Automatic Sieve Shaker
 - x. Total Station
 - xi. Hyperspectral Underwater Radiometer

No of instruments repaired (last 5 years): 300

Sufficient spares are kept in stock to avoid delay in repair

Users: Teachers, Research Scholars, P.G. students in the universities, colleges, R&D Labs and industries.

HPLC functioning at Dept. of Zoology



Spectrofluorometer at Dept. of Chemistry



FT-IR Spectrophotometer at Dept. of Chemistry

Beach survey using Total Station by Dept. of Marine Sciences



Hyperspectral Underwater Radiometer in operation by Dept. of Marine Sciences

3.3.4 Does the university provide residential facilities (with computer and internet facilities) for research scholars, post-doctoral fellows, research associates, summer fellows of various academies and visiting scientists (national/international)?

Yes, Residential facilities are available to the Research Scholars, Post Doctoral Fellows, Research Associates and Summer Fellows of various academies and visiting scientists in the Jogendra Research Hostel for men and Salunki, Jhanjabati Research Hostels for Women. University Guest House is also provided for Visiting Professors/Scientists.

3.3.5 Does the university have a specialized research centre/workstation on-campus and off-campus to address the special challenges of research programmes?

The University has many high ended computers at BPCC which caters to the computational need of the researchers.

On Campus Research Centres are:

- Women's Studies Research Centre (WSRC)
- Centre for Canadian Studies
- South Odisha Cultural Study Centre
- Gamma Research Centre

Off Campus Research Centre:

- Council of Analytical Tribal Studies (COATS), Koraput
- Satellite Campus at Rayagada: Hon'ble Chief Minister has laid the foundation stone for establishment of a Satellite Campus at Rayagada to promote need based education of the region and vocational education provided by the UGC.

3.3.6 Does the university have centres of national and international recognition/repute? Give a brief description of how these facilities are made use of by researchers from other laboratories.

The University has South Odisha Cultural Study Centre (SOCSC). Researchers from Denmark, Germany and The Netherland are users of the facilities at SOCSC. The centre also facilitates field studies undertaken by foreign scholars.

3.4 Research Publications and Awards

3.4.1 Does the university publish any research journal(s)? If yes, indicate the composition of the editorial board, editorial policies and state whether it/they is/are listed in any international database.

Yes peer reviewed journal "RESEARCH JOURNAL OF BERHAMPUR UNIVERSITY" with ISSN Number 2250-1681. Editorial Board consists of four faculty members of the university including the Chairman, P.G. Council as the Chief Editor.

3.4.2 Give details of publications by the faculty:

The table below gives details of the publications published by the faculty members of various departments of the university and the detail publication list is provided in the evaluative report of the departments.

Number of Publications (2010-2015)										
Sl. No.	Department	No. of Peer Reviewed Journals			Chapter in Books	Monographs	Book with ISBN	Edited volume/Book	Conference Proceedings	Grand Total
		National	International	Total						
1.	Vice Chancellor	-	4	04	-	-	2	1	-	07
2.	Botany	25	29	54	12	-	2	-	2	70
3.	Business Administration	42	40	82	20	-	39	4	8	153
4.	Chemistry	28	49	77			1	-	14	92
5.	Commerce	28	2	30	-	-	3	9	1	43
6.	Computer Science	0	85	85	5	0	2	0	22	114
7.	Economics	48	05	53	1	-	-	1	-	55
8.	Electronic Sc.	8	20	28	1	-	-	-	36	65
9.	English	15	34	49	7	1	5	2	4	68
10.	History	32	1	33	0	--	--	1	-	34
11.	Home Sc.	8	12	20	1	-	2	-	-	23
12.	IR&PM	-	3	3	6	-	-	-	-	9
13.	J&MC	3	3	6	-	-	-	-	-	6
14.	Law	17	4	21	2	-	2	-	-	25
15.	Linguistics	5	5	10	1	-	-	-	-	11
16.	Marine Sciences	44	38	82	7	1	1	-	6	97
17.	Mathematics	32	82	114	4	-	4	1	-	123
18.	Odia	79	-	79	5	-	12	10	-	106
19.	Pharmacy	6	18	24	-	-	-	-	-	24
20.	Physics	23	4	27			2	-	5	34
21.	Pol. Science	57	9	66	18	-	7	4	-	95
22.	WSRC	1	3	4	-	-	-	-	-	04
23.	Zoology	38	57	95	5	-	1	-	2	103
Total		539	507	1046	95	02	85	33	100	1361

3.4.3 Give details of Faculty serving on the editorial boards of national and international journals:

Professor Deepak Kumar Behera, Vice Chancellor:

- Member, International Editorial Advisory Board, Black on White Publications, UK
- Member, Editorial Board, *Boyhood Studies*, USA

- Member, International Editorial Board, *Sociological Analysis*, USA
- Member, International Advisory Board, *Practicing Anthropology*, USA
- Member, *Wheelock International Journal of Children, Families, and Social Change*, USA
- Member, Advisory Board, *Greenwood Encyclopaedia of Children's Issues Worldwide*, Greenwood Publishing House, USA
- Member, Editorial Associates, Journal *Acta Academica*, South Africa
- Member, Editorial Board, Global Gutter Press, Cambridge, UK
- Member, Editorial Board, *Man and Life*. Calcutta, India
- Member, Editorial Board, *The Oriental Anthropologist*, New Delhi, India
- Member, Editorial Board, *Journal of Social Science*, New Delhi, India

Professor B.K. Panda, Professor of Economics:

- Member of the Editorial Board of Synergy - A Journal of IT and Management, Institute of Technology & Science, Ghaziabad, India.
- Member of the Editorial Board of Apeejay Journal of Management, Apeejay Institute of Technology & School of Management, Gr. Noida, UP, India.

Dr. Shruti Das, Reader in English:

- Chief Editor, Literary Oracle, a peer reviewed journal of English language and literature.

Professor Sunil Kanta Behera, Professor of Journalism and Mass Communication:

- Editorial Board member of Journal of Communication, New Delhi, India.
- Editorial Board member of Media Mimansha, MC University of J&MC, Bhopal, India.
- Editorial Board member of Journal of Communication Studies, MC University of J&MC, Bhopal, India.

Professor Jugal Kishore Mishra, Professor of Political Science

- Member of Editorial Board of Indian Journal of Political Science.
- Member, Editorial Board, New Age.

Professor A. K. Mishra, Professor of Mathematics

- Member in Editorial Board, Sohag Journal of Mathematics.

Dr. U.K. Mishra, Reader in Mathematics:

- Executive Editor of Bulletin of Pure and Applied Mathematics.
- Member in Editorial Board Bulletin of Pure and Applied Sciences.
- Member in Editorial Board The Journal of the Indian Academy of Mathematics.
- Member in Editorial Board Journal of Intelligent System Research.
- Member in Editorial Board American Journal of Applied Mathematics and Statistics.
- Member in Editorial Board Mathematical Journal of Interdisciplinary Sciences, Chitkara University.
- Member in Editorial Board Journal of Advances in Applied mathematical Analysis.

Dr. T. K. Barik, Lecturer in Zoology

- Editorial Board Member of Advances of Entomology, Scientific Research Publishing, USA.
- Editorial Board Member of International Journal of Malaria Research and Reviews, Discourse Journals, Nigeria.
- Editorial Board Member of Immunology and Infectious Diseases, Horizon Research Publishing, USA.

Dr. Smita Sinha, Reader in Linguistics

- Editorial Board Member, Researcher World

Faculty serving as members of steering committees of international conferences recognized by reputed organizations / societies:**Professor Deepak Kumar Behera, Vice-Chancellor:**

- Professor Behera was the Chief Organiser of the IUAES Inter-congress (International conference) on “Children and Youth in a Changing World” held in Bhubaneswar in 2012 which was attended by 300 participants from 48 countries.
- Member, permanent Council, International Union of Anthropological and Ethnological Sciences (Apex International Anthropological Association).

Professor Rabindra Kishore Mishra (Department of Electronic Science):

- Chair, IEEE, Indian Antenna Week, 2012, Gangtok.
- General Chair, IEEE, AEMC, KIIT, Bhubaneswar, 2013.
- Member Steering Committee, AEMC, 2011, Kolkata
- Member Steering Committee, AEMC, 2015, IIT, Guwahati

Professor Pratap K. Mohanty (Department of Marine Sciences):

- Member, Programme Committee, 48th Annual Convention of Operational Research Society of India and International Conference, 2015, Bhubaneswar.

3.4.4 Provide details of Research awards received by the faculty:

Sl. No	Name of the Faculty	Department	Particulars
1.	Prof. A.K. Panigrahi	Botany	<ul style="list-style-type: none"> • Fulbright Fellow • Gold medal, a certificate and Angabstra for Excellent Research achievements in Environmental Science by National Life Science Association. May 2014.
2.	Prof. M.K. Mishra	Botany	<ul style="list-style-type: none"> • Man of the Year Award 2012. House of Nature, Environment and Society Trust (HONEST), Bhubaneswar, Odisha. • Dr. G. Panigrahi Memorial Award in Plant Taxonomy. 2012. Orissa Botanical Society, Bhubaneswar.

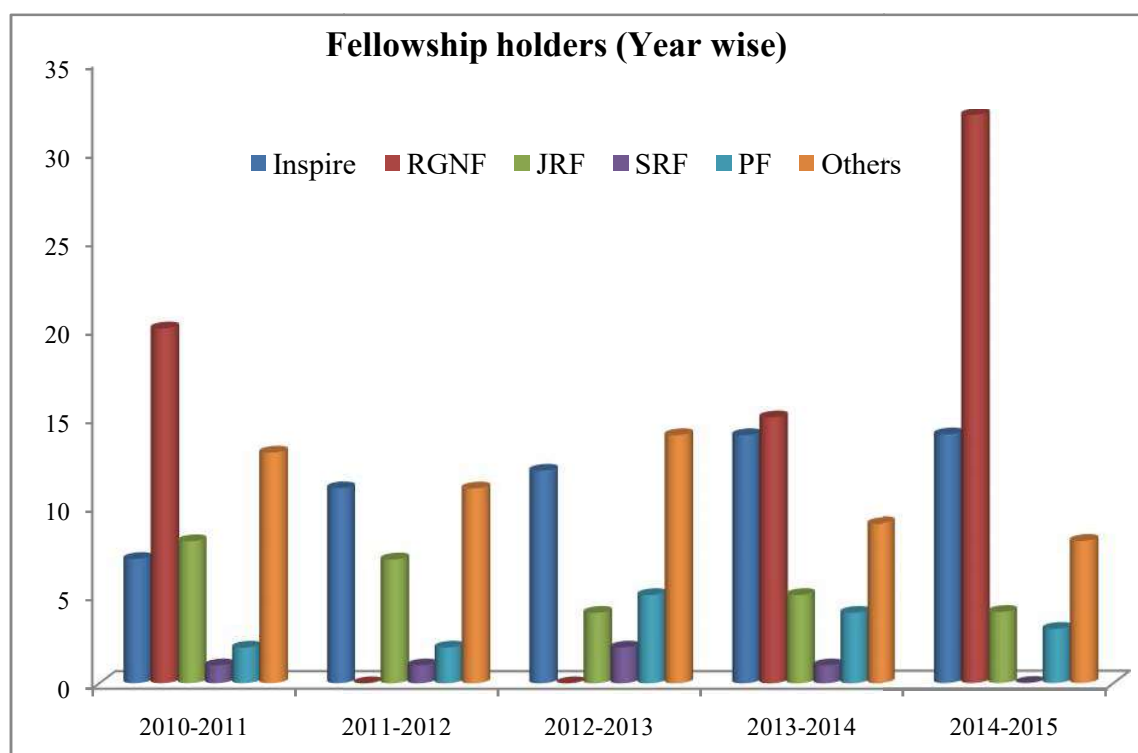
3.	Dr. M. Jena	Botany	<ul style="list-style-type: none"> • DAAD (German Academic Exchange Service Fellowship), IGB, Berlin, Germany (2008-2010). • Post-Doctoral Fellowship at Department of Green Life Sciences, Sangongung University, Jongo-gu, Seoul, Korea.
4.	Prof. P.K.Padhy	Business Administration	<ul style="list-style-type: none"> • Awarded best paper presenter in International Conferences organized in Malaysia (2011) and Kolkata (2010).
5.	Dr. Laxmidhar Rout	Chemistry	<ul style="list-style-type: none"> • 2011-2013; AVH (Alexander von Humboldt Fellowship) Technical University Munich; Germany • 2013-2014; FPGG Postdoctoral Fellowship (Foundation Pierre Gilles de Gennes); France • 2014-2015; RFIC Postdoctoral Fellowship (<i>Research Fund of Institute of Chemistry, Paris, France</i>)
6.	Prof. Aparajita Chowdhury	Home Science	<ul style="list-style-type: none"> • Commonwealth Academic Staff Fellow at University of London, UK. • Fulbright Fellow at University of Wyoming, USA. • ICSSR-NWO Social Science Scholar at University of Maastricht, The Netherlands.
7.	Prof. R.K. Mishra	Elec. Science	<ul style="list-style-type: none"> • Indian National Science Academy (INSA) Best Teacher Award 2015. • British Commonwealth Fellowship Awardee. • Hari Ohm Saran Ashram Prerit Harivallabhdas Chunilal Shah Research Endowment prize for research papers in Electronics.
8.	Prof. Pratap K Mohanty	Marine Sciences	<ul style="list-style-type: none"> • British Commonwealth Fellowship Awardee.
9.	Prof. R.Sahu	Physics	<ul style="list-style-type: none"> • Emeritus Fellowship awarded by UGC, India from 2011-13.
10.	Dr. T.K.Barik	Zoology	<ul style="list-style-type: none"> • Raman Post-Doctoral Fellowship to USA for the Session 2013-14)-UGC.
11.	Prof. Snehalata Panda	Pol. Science	<ul style="list-style-type: none"> • Professor Emeritus(UGC)
12.	Prof. A. K. Paricha	Pol. Science	<ul style="list-style-type: none"> • Professor Emeritus(UGC)
13.	Prof. D.K. Behera	Vice Chancellor	<ul style="list-style-type: none"> • Fulbright Visiting Fellow (USA) • DAAD Fellow (Germany) • Carlos Chagas Foundation Research Fellow (Brazil) • National Research Foundation Fellow (Republic of South Africa) • CISCA Fellow (European Union) • Indo-French Academic Exchange Fellow (ICSSR, India) • Indo-Israel Cultural and Educational Fellow(UGC, India)

Research awards received by the students

International Fellowship: Newton-Bhabha Ph.D. placement (2015-2016: Mrs. Premalata Pati, Ph.D. student of the Department of Marine Sciences received the fellowship and shall work at the University of Aberdeen, Scotland.

Fellowship holders for research activities during 2010-2015

Year	Inspire	RGNF	JRF	SRF	Project Fellow (PF)	Others	Total
2010-2011	07	20	08	01	02	13	51
2011-2012	11	0	07	01	02	11	32
2012-2013	12	0	04	02	05	14	37
2013-2014	14	15	05	01	04	09	48
2014-2015	14	32	04	0	03	08	61
Total	58	67	28	05	16	55	229



National and international recognition received by the faculty from reputed professional bodies and agencies:

The following teachers have brought laurel to the university by achieving prestigious national and international awards/honours and fellowship:

Samanta Chandra Sekhar Awards (06)

1. Prof. Bhabendra Kumar Patanik – Dept. of Zoology
2. Prof. Nimai Charan Mahapatro – Dept. of Physics
3. Prof. Rankanidhi Sahu – Dept. of Physics
4. Prof. Brahma Bihari Panda – Dept. of Botany
5. Prof. Gouri Shankar Tripathi – Dept. of Physics
6. Prof. Rabindra Kishore Mishra – Dept. of Electronics Science

Commonwealth Fellowships (08)

1. Prof. Sreelekha Bhatamishra – Dept. of Chemistry
2. Prof. Aparajita Chowdhury – Dept. of Home Science
3. Prof. Jagdish Kumar Patnaik – Dept. of Political Science
4. Prof. Gouri Sankar Tripathi – Dept. of Physics
5. Prof. Trinath Sahu – Dept. of Electronic Science
6. Prof. Rabindra Kishore Mishra – Dept. of Electronic Science
7. Prof. Pratap Kumar Mohanty – Dept. of Marine Sciences
8. Prof. Himansu Sekhar Mohapatra – Dept. English

Fulbright Fellowships (08)

1. Prof. Deepak Kumar Behera – Vice Chancellor
2. Prof. Jaya Krishna Baral – Dept. of Political Science
3. Prof. Ashok Kumar Panigrahy – Dept. of Botany
4. Prof. Aparajita Chowdhury – Dept. of Home Science
5. Prof. Gouri Shankar Tripathi – Dept. of Physics
6. Prof. E. Raja Rao – Dept. of English
7. Prof. Nirranjan Mohanty – Dept. of English
8. Prof. Dilip Kumar Das – Dept. of English

German Academic Exchange Service (DAAD) Fellowships (05)

1. Prof. Deepak Kumar Behera – Vice Chancellor
2. Prof. R. Sahu – Dept. of Physics
3. Prof. Laxmi Narayan Raut – Dept. of History
4. Prof. Gaganendra Nath Das – Dept. of Linguistics
5. Dr. M. Jena, Department of Botany

Alexander Humboldt Fellowship (01)

1. Dr. Laxmidhar Rout – Dept. of Chemistry

International Bilateral Exchange Programmes (17)

1. Prof. Deepak Kumar Behera – Vice Chancellor
2. Prof. Jayanta Kumar Mohapatra – Ex-Vice Chancellor
3. Prof. Jaya Krushna Baral – Ex-Vice Chancellor
4. Prof. Bijaya Kumar Sahu – Ex-Vice Chancellor
5. Prof. Bhabani Prasad Rath – Dept. of IR & PM
6. Prof. Gouri Shankar Tripathi – Dept. of Physics
7. Prof. Trinath Sahu – Dept. of Electronic Science
8. Prof. Rankanidhi Sahu – Dept. of Physics
9. Prof. Brahma Bihari Panda – Dept. of Botany
10. Prof. Prasanta Kumar Padhy – Dept. of Business Administration
11. Prof. Aparajita Chowdhury – Dept. of Home Science
12. Prof. Jugal Kishor Mishra – Dept. of Political Science
13. Prof. Laxmi Narayan Raut – Dept. of History
14. Prof. Manas Ranjan Patro – Dept. of Computer Science
15. Dr. Smita Sinha – Dept. of Linguistics
16. Dr. Sruti Das – Dept. of English
17. Dr. Dr. T. K. Barik – Dept. of Zoology

Indian National Science Academy (Best Teacher award 2015) (01)

1. Prof. Rabindra Kishore Mishra – Dept. Of Electronics Science

United States Information Agency (USIA) Award (01)

1. Prof. Jinendra Nath Mahanty – Dept. Of Political Science

Raman Post Doctoral Fellowship (01)

1. Dr. Tapan Kumar Barik – Dept of Zoology

Kendriya Sahitya Academy Awards (03)

1. Prof. Soubhgya Kumar Mishra – Dept. of English
2. Prof. Sudarsana Acharya – Dept. of Odia
3. Prof. Prafulla Kumar Mohanty – Dept. of English

National and international recognition received by the Vice Chancellor and faculty members during the assessment period are as follows:

Professor Deepak Kumar Behera, Vice-Chancellor, Berhampur University

International

- Member of Co-ordination Committee and Selection Committee, Erasmus Mundus Action 2: Interdisciplinary Bridges in Indo-European Studies (Project funded by European Union) (One Year)
- Member of Advisory Committee, Contemporary India Study Centre Aarhus, Aarhus University, Denmark since 2009 (Centre funded by the European Union) (Six Years)
- Member, Executive Board, International Union of Anthropological and Ethnological Sciences (IUAES). It is the apex anthropological body at the international level, (Twelve Years)
- Chairperson, IUAES International Commission on Anthropology of Children, Youth and Childhood since 2001 (Thirteen Years)
- Member, Permanent Council, IUAES, since 2009 (Seven Years)

National

- Member of Advisory Committee, Association of Indian Universities, New Delhi (since September 2013)
- Member, Advisory Committee, ICSSR-ERC since 2007
- Member, Board of Governors, ICSSR Study Centre, Bhubaneswar, 2013-14, 2014-2015

Professor A.K. Panigrahi, Professor of Botany

- Fellow of NEA, awarded in an International Seminar at School of Environmental Sciences, Sambalpur University by National Environmentalist Association, 2013.

Professor D. Panigrahy, Professor of Business Administration

- Best Teacher Award in Marketing by B-School Affaire, Mumbai on 26th November, 2011.

Dr. Satyanarayan Sahoo, Lecturer in Chemistry

- Professor R. C. Tripathy Young Chemist Award by Orissa Chemical Society in 2012.

Dr. Susanta Kumar Das, Reader in Computer Science

- Award of Honour by Dept. of Mathematics, Maharshi Dayananda University Rohtak, Haryana at International Conference on History and Development of Mathematical Sciences & Symposium on nonlinear analysis in 2012.

Professor Bhagabata Patro, Professor of Economics

- Member, Pre-Budget Consultative Group, Finance Department, Government of Odisha.

Professor Ram Narayan Panda, Professor of English

- Member Board of Directors, American Biographical Society.
- Regional Director, Association of Studies in Literature And Environment.

Dr Shruti Das, Reader in English

- Felicitated by BRM League of Institutions, Orissa as Distinguished Author. 2nd April, 2010 at BRM Authors Meet, Bhubaneswar
- Member Board of Directors (DHE Nominee), Computer Point Group of Institutions for BCA & MBA 2013
- Member Scientific Committee in the *3rd Sidi Bel Abbas International Conference on EFL / TEFL and Intercultural Understanding* 19-20 November 2014, UDL OF SIDI BEL ABBÉS, ALGERIA. Faculty of Letters, Languages and Arts, Department of Foreign Languages. Section of English Placed in the Select Bibliography of Commonwealth Literature among Distinguished Commonwealth Writers 2012-2014. For first volume of *Poetry: A Daughter Speaks*. Published by Authors Press, 2014. List prepared by Sage Publications, UK, 2014.

Professor Devi Prasana Patnaik, Professor of Odia

- Utkal Divas Honour, Sambhabana Sahitya O Sanskrutika Parisad, Aska, 1st April, 2010, as best critic.
- ‘Academy Samikhya Sanmaan-2011’, Surendra Gabesana Pratistan, Chandol, Kendrapada on 26th January, 2011 for outstanding contribution to literature.
- Best Critic award, Chikiti Mahavidyalaya, Odia Sahitya Samaj-2013.

Professor Prasan Kumar Swain, Professor of Odia

- ‘Govinda Narayana Saraswata Sanmana’, given by Utkal Sahitya Kala Parishad, Cuttack felicitated by His Excellency Sri M.C. Bhandare, the than Governor of Odisha, on 15th January, 2013
- Krushnendu Smruti Samman given by Kalinga Sahitya Samaj, Berhampur, 30th Dec, 2013.

Dr. Debiprasad Satapathy, Lecturer in Odia

- Awarded best artist certificate by Trinetra group, Cuttack, 2013.
- All India Drama, Dance and Music Competition Talent Certificate by International Theatre Festival, Cuttack, 2013.

Professor Aparajita Chowdhury, Professor of Home science

- Eminent Teacher Award, Berhampur University- 2012
- Best Home Scientist of the Year – 2012 by Odisha Bigyan Prachar Samiti, Cuttack, Odisha.

Professor Bhagirathi Panigrahi, Professor of Law

- Felicitation by Bargarh Law College, Bargarh

Dr. Smita Sinha, Reader in Linguistics

- International- Appointed as Honorary Mayor President of city of Baton Rouge, Parish of East Baton Rouge by Melvin L Kip Holden, Mayor President, city of Baton Rouge Louisiana, USA, on 17th Feb 2011
- Biography published in International Who's Who of Terminologists by Lily A. Ponomarenko, Ukraine.
- National -Recipient-Siksha Ratan award, IIFS, New Delhi, on 8th Sept, 2010
- Appointed as second level Jury for award of Bhasa Bharati Saman

Professor N. K. Tripathy, Professor of Zoology

- Fellow of Indian Society of Biotechnology & Pharmacy, 2011-12.

Professor R. Sahu, Professor of Physics

- Samanta Chandra Sekhar Award given by Odisha Bigyan Academy, Govt. of Odisha in 2010.

Professor Pratap Kumar Mohanty, Professor of Marine Science

- Nominated as Member, Odisha State Coastal Zone Management Authority for the period 21.07.2008 to 20.07.2011 vide Gazette of India Notification no S.O. 1759(E) dated 21 July 2008
- Nominated as UGC Nominee on the Governing Body of Banki College (Autonomous) for the period 2013-2014 to 2018-2019 vide UGC L.N. F.2-23(10)/2004(AC) dated 01 October 2013.
- Member, State Level Monitoring Committee under NCEF of Govt. of India

Professor Kali Charan Sahu, Professor of Marine Science

- Member, Odisha State Coastal Zone Management Authority (OCZMA) vide Govt. of India, Gazette notification L.No.7314/F&E, 24.4.2012 for a period from 24.4.2012 to 31.5.2013 and presently nominated for a period of two years from 1.6.2015 to 31.5.2017.
- Member, Identification of Eco-Sensitive Zone around Chilika Sanctuary by Govt. of Odisha vide their L.No.5277, dated 21.8.2012

Professor S.N. Padhy, Professor of Marine Science

- Member, Odisha State Coastal Zone Management Authority (OCZMA) for a period of two years from 2013 to 2015.

Professor B.K. Sahu, Professor of Marine Science

- Appointed as the Vice-Chancellor of Berhampur University from July, 2007 to July, 2010
- Awarded letter of appreciation by the Hon'ble Chancellor, Berhampur University & Governor of Odisha.
- Certificate of Accreditation by IAO, USA.
- The Best Citizens of India Award 2012

- Chairman - UGC Committee for Private/Deemed University.
- Member - UGC SAP–DRS in the Department of Geology, RTM Nagpur University, Maharashtra-2011-15.
- Chairman-UGC Expert Committee for conformant of Autonomous status of colleges outside the state like Assam, Andhra Pradesh etc.
- Member- UGC SAP programme for screening meeting in Chemistry
- Member- UGC for Centre of Excellence
- Member- UGC Expert for Assessment /Review committee for final review of the SAP programme in Chemistry, University of Rajasthan, Jaipur.
- Member- UGC XI Plan Visiting and Deemed University Committee.
- Expert Member, Marine Technology, Ministry of HRD, Govt. of India.
- Expert Member, Selection/Assessment Committee for Scientists, National Institute of Oceanography, Goa, India.
- Expert Member, Assessment/Selection Committee in Marine Sciences for Faculty positions of Calcutta University, Andhra University, Goa University etc.

Professor R.K. Mishra, Professor of Electronic Science

- Samanta Chandra Sekhara Award for Working Scientists in the Field of Engineering and Technology from the Orissa Bigyan Academy (Department of Science & Technology in the Government of Orissa).
- IETE J. C. BOSE MEMORIAL AWARD for best Engineering Science Oriented Paper.
- Fellow of the IETE (India) by invitation.
- IEEE AP-S Distinguished Speaker for 2015.
- Chair IEEE IAW 2012, Gangtok.
- General Chair IEEE AEMC 2013.
- Chair of the AP/MTT Joint Chapter of IEEE Kolkata Section for 2012 & 2013.
- AP/MTT Joint Chapter of IEEE Kolkata Section adjudged as Outstanding Chapter by for 2012 by IEEE MTT Society under my Chairmanship.
- AP/MTT Joint Chapter of IEEE Kolkata Section adjudged as Best Chapter by for 2013 by IEEE AP Society under my Chairmanship.

Professor A.K.Mishra, Professor of Mathematics

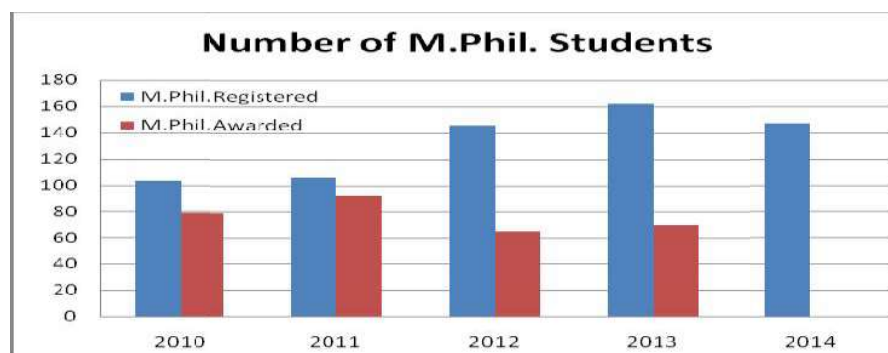
- National committee member, Library funding committee of NBHM for Eastern India region (2010 onwards)
- International committee member, funding committee for International congress of mathematicians-2010

Professor P.K. Biswasroy, Professor of Commerce

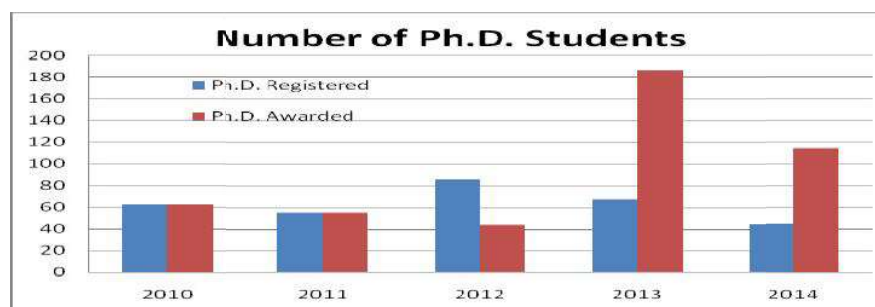
- Visited NAAC Peer Team, of NAAC, Bangalore as a member Coordinator and Chairman to a good number of Higher Education Institutes of the country in the state of Maharashtra, Goa, Gujarat, Tamil Nadu, Andhra Pradesh, Tripura and Himachal Pradesh.
- Elected President of All Orissa Commerce Association, 2011-2012

3.4.5 Indicate the average number of successful M.Phil. and Ph.D. scholars guided per faculty during the last four years. Does the university participate in *Shodhganga* by depositing the Ph. D. theses with INFLIBNET for electronic dissemination through open access?

Year	M.Phil. Registered	M.Phil. Awarded
2010	103	79
2011	106	92
2012	145	65
2013	162	70
2014	147	0



Year	Ph.D. Registered	Ph.D. Awarded
2010	62	62
2011	55	55
2012	86	44
2013	67	186
2014	45	114



The university is in the process of procuring Turnitin Plagiarism Software so as to apply it to all the submitted Ph.D. thesis before accepting those for evaluation and uploading them in *Shodhganga*.

3.4.6 What is the official policy of the university to check malpractices and plagiarism in research? Mention the number of plagiarism cases reported and action taken.

- Anti-plagiarism software is used by individual faculty members to detect Plagiarism before the research paper is submitted for publication to referred journals. Ph.D. thesis submitted is evaluated by the three-member committee consisting of the Chairman, PG Council, Controller of Examinations and a Member of the Syndicate.
- The candidate and the supervisor will give declaration that there are no plagiarized materials used in the thesis.
- Malpractice: No malpractices and plagiarism have been reported during the assessment period.

3.4.7 Does the university promote interdisciplinary research? If yes, how many interdepartmental / interdisciplinary research projects have been undertaken and mention the number of departments involved in such endeavours? Yes

- Interdisciplinary research on endangered language documentation is being promoted by Dept of Linguistics, History and Odia.
- Research on Target Drug delivery is being promoted by Dept. of Zoology, Chemistry and Pharmacy.
- Value Addition Research and Development project on Marine Fishery is being promoted by the College of Fishery, Orissa University of Agriculture and Technology and Dept. of Marine Sciences, Berhampur University.
- The Innovation –cum Incubation Centre shall carry out interdisciplinary research projects
- UGC Project on Documentation and development of Indigenous Languages of South Odisha” under the scheme “Promotion and preservation of indigenous and endangered languages” shall carry out interdisciplinary research.

3.4.8 Has the university instituted any research awards? If yes, list the awards.

The university awards the best research scholar (based on published research work) in the areas of Science, Social science and Professional Courses. The awards are awarded on the Foundation Day of the University. The following research scholars have received the awards under the said category.

2010-11

- Budhadev Seth, Department of Marine Sciences
- Bijaya Kumar Behera, Department of Law

2011-12

- V. Mohan Murali Achary, Department of Botany
- Jashashree Mallick, Home Science Department

2012-13

- Rama Rao Majhi, Department of Odia
- A.K.Panda- IR&PM
- S.K. Baliarsingh, Department of Marine Sciences

2013-14

- A.K.Panda- IR&PM
- S.K. Baliarsingh, Department of Marine Sciences
- Suraja Singh, Department of Odia

2014-15

- Rama Rao Majhi, Department of Odia
- Manas Kumar Sahu, Department of Business Administration
- Ch Chiranjibi Rao, Department of Political Science
- Biraj Kumar Sahu, Department of Marine Sciences
- Narayan Sahoo, Department of Electronic Science
- Besides, the university instituted the Kabi Samarat Upendra Bhanja National Award for Literature. Professor Keki N. Daruwalla, a Padmashree awardee for literature, was the first recipient of the award for the year 2014.
- The university has also instituted a “Dakhina Odisha Loka Sanskrutika Award”
- Each P.G. department of the university is offered University Level Fellowship for the promotion of research.

3.4.9 What are the incentives given to the faculty for receiving state, national and international recognition for research contributions?

Due recognition is given to the faculty members who bring laurels to the university. Their names are read out in the University Foundation Day function on 2nd January every year by the Registrar of the University. A letter of appreciation is sent to the concerned scholar by the Vice Chancellor of the university. They are also placed as conveners/ members of various committees of the University and their research programmes are overwhelming encouraged. In addition, the State Bank of India, Bhanja Bihar branch felicitates a faculty member with Best Teacher award every year. Moreover, the Vice Chancellor and the Syndicate of the university place on record their contribution in the form of appreciation and resolution in the Academic Council and Senate. Press release is also arranged for wide publicity.

3.5 Consultancy**3.5.1 What is the official policy of the University for Structured Consultancy? List a few important consultancies undertaken by the university during the last four years.**

Consultancy policy is in the top priority of the university in the direction of transfer of knowledge and technology from university to industry and society. The university statute defines the regulations of the individual consultancy work, case by case. In all cases 25% of the fees received by the consultants are paid to the university as consultancy fees. Besides, the university gets 10% of the recurring and non recurring expenses as overhead charges.

Important consultancies undertaken in the areas:

- Coastal Process Studies
- Public Finance(State Budget Analysis)
- Coastal Zone Management

3.5.2 Does the university have a university-industry cell? If yes, what is its scope and range of activities?

The University industry cell is yet to be established and its scope and activities are yet to be defined.

3.5.3 What is the mode of publicizing the expertise of the University for Consultancy Services? Which are the departments from whom consultancy has been sought?

The university website publishes the expertise of individual faculty in the respective department profile.

The departments providing consultancy services are:

- Department of Marine Sciences
- Department of Economics

3.5.4 How does the university utilize the expertise of its faculty with regard to consultancy services?

The university encourages the faculty members to participate in consultancy service and provides all administrative support.

3.5.5 List the broad areas of consultancy services provided by the university and the revenue generated during the last four years.

Sl. No.	Consultancy services with year	Sponsoring Agency	Faculty members	Funds mobilized
1	“State of Budget Analysis” for the Years 2010-2011 and 2011-12	Centre for youth and social development (CYSD) Bhubaneswar	Prof. Bhagabat Patro Dept of Economics	Rs. 45,000/-
2	Preparation of Detailed Project Report on ICZMP, Orissa(2008-11)	Chilika Development Authority, Govt of Odisha	Prof. Pratap K Mohanty, Dept. of Marine Sciences	1.2 lakh
3	EIA Study on the construction of Lighthouse at Dhamra (2010)	Ministry of Shipping, Govt. of India	Prof. Pratap K Mohanty, Dept. of Marine Sciences	2.65 lakh
4	Environmental Monitoring of Gopalpur port during and after construction of all weather direct berthing port	Gopalpur Ports Ltd	Prof. Pratap K Mohanty, Dept. of Marine Sciences	Rs. 81.62 Lakhs

3.6 Institutional Social Responsibility (ISR) and Extension Activities

3.6.1 How does the University sensitize its faculty and students on its Institutional Social Responsibilities? List the social outreach programmes which have created an impact on students’ campus experience during last four years.

A sense of belongingness to the Institution, intellectual honesty, commitment to teaching, social bonding and national duties are some of the institutional social responsibilities that are inculcated in the teachers. The University not only urges the importance of disseminating knowledge but also places emphasis on global priorities like societal duties and eco-consciousness. For these purposes since 1970-71 the university has taken up the responsibility to touch the underdeveloped areas of Odisha through National Integration Scheme (NIS) and NSS volunteers. NIS organized community development and awareness programmes.

- Nutrition Camp(low cost nutrition food), Awareness Camp on health and sanitation, family counselling, counselling young girls, women and children in Antarbattia, Karapalli and Mandiapalli villages were organized in different phases during 2013-14.
- Awareness programme on Health, Hygiene of adult women in collaboration with M.K.C.G. Medical College, Berhampur was organized during 2014-15 for enhancing the quality of residential life of women boarders in the university ladies' hostels.

The NSS Bureau thorough its volunteers of affiliated colleges reach and touch the people. NSS Bureau conducts regular camps, special camps and inter-college camps, inter-university camps etc round the year. Some of the outreach programmes conducted by the NSS during the assessment period are as follows:

- Campus beautification
- Plantation in the campus, affiliated colleges, adopted villages and road side of some of the colleges (more than 10,000/- saplings have been planted last year)
- Health check up camps in the peripheral adopted villages of NSS
- Awareness campaigns on AIDS/ HIV
- Swacha Bharat Abhiyan round the year
- Skill and personality development of volunteers
- Cattle immunization awareness programme through volunteers
- Literacy programme
- Voters awareness rally
- Legal awareness
- Emergency interventions including Trauma Care
- Public Health and sanitation and personal Hygiene
- Massive Blood Donation Camps
- Yoga camps
- Herbal garden in different colleges under the Berhampur University
- Celebration of days of National interest
- The University in collaboration with NIRD & PR has adopted 10 villages in 10 districts of Southern Odisha. The base line data of these villages have already been collected and forwarded to NIRD & PR, Hyderabad for further necessary action at their end.
- NSS Bureau in collaboration with Prajapita Bramha Kumari Iswariya Viswa Vidyalaya organized one day workshop on "Addiction free my university" on 26th June, 2015 at the University Campus.

3.6.2 How does the university promote university neighborhood network and student engagement, contributing to the holistic development of students and sustained community development?

- Through the regular activities of the NSS, the volunteers work in villages, slums and voluntary agencies to complete 120 hours of regular activities during the academic year.

- Through special camping schemes, NSS inculcates in the minds of the students, the values of group living, collective experience, sharing and constant interaction with community.
- Through University Health Centre.
- During last five years, the NSS Bureau has organized Mega Health Check up Camps, Mega Dental Check up camps, Awareness to stop open defecation, Plantation Camps, Blood Donation Camps, Cattle Immunization Awareness Camps, Swacha Bharat Abhiyan, Addiction free camps in the Colleges and the University.
- His Excellency, the Governor of Odisha inaugurated the Post-Phailin Mega Plantation Programme in the University campus on 26th June 2014 to encourage the plantation programme.



His Excellency, the Hon'ble Governor of Odisha and Chancellor, Berhampur University Dr. S. C. Jamir inaugurating Post-Phailin Mega Plantation Programme in the presence of Dr. P. K. Panigrahy, Hon'ble Minister, Higher Education, Odisha and Professor D. K. Behera, Hon'ble Vice-Chancellor, Berhampur University.

3.6.3 How does the University promote the participation of the students and the faculties in extension activities including participation in NSS, NCC, YRC, and other National and International programmes?

The NSS Bureau of Berhampur University is spreading over all the affiliated colleges under this University in Southern part of Odisha. It started with 300 no of NSS volunteers distributed in six colleges in the year 1970-71. At present there are 11250 NSS volunteers comprising of 225 units (Both Boys and Girls) spreading over 110 colleges. During last three years, units have also been opened in different Engineering and Technical Colleges in this region. Generally, two types of programmes are organised by the NSS: (1) Regular Camping Programmes during weekend holidays and Sundays and hourly programme during beyond working hours of the day. (2) Special Camping Programmes during vacation particularly during Summer, Puja and X-Mas vacation. Since Medical and Engineering Colleges are involved in the programme and they do not have any specific vacation in order to carry out the Special Camps, they conduct their special camps during Semester breaks. Besides, Inter-College Camps, Disaster Management Training Camps, Youth Leadership Training Camps, Adventure Programme, Youth Exchange Programme, National Integration Camps, Youth Skill Development Training Programme and so on are organized regularly.

The University has 225 NSS Units and each unit has intake capacity of 50 student volunteers. Activities of each unit are carried out under the supervision of Programme Officer appointed from among the teaching staff of the Institution. Thus, under direct supervision of Programme Coordinator, NSS Bureau, Berhampur University, 225 Programme Officers are very often discharging their duties at unit level in executing NSS theme/motto.

The details of NSS units in different districts under Berhampur University jurisdiction are given below:

Sl. No.	Name of the Districts	No. of Colleges	No. of Units
01	Ganjam	56	128
02	Gajapati	07	14
03	Kandhamal	11	23
04	Rayagada	13	22
05	Koraput	12	20
06	Nabarangapur	05	09
07	Malkangiri	06	09
Total		110	225

The Advisory Committee (Apex Body of NSS) of the University meets once/twice in a year to assess the previous year programmes/achievements and prepares the budget and action plan for the ensuing year. The Advisory Committee consists of the Vice Chancellor as the Chairman and Programme Coordinator, NSS, as the Member Convener with other 25 members including officials from Govt. of Odisha as well as Govt. of India and student representatives. Advisory Committee decides the numbers of Inter-College Camps, State level Camps, Special Camps at University level as well as College level with due approval of the Govt. The NSS Bureau instructs all institutions, the theme and motto of NSS. During

the time of admission, colleges display the NSS motto and its effectiveness on the notice board of the colleges to motivate students to join in the NSS.

NSS Bureau provides Certificate of Merit/Participation in various camps and also provides grants to meet the expenditure of the volunteers in organizing such camps.

- NSS Bureau organizes orientation training programme in different colleges during the academic year for NSS student volunteers for their personality development. In last five years the Bureau has organized 15 such orientation programmes in different colleges located within the jurisdiction of the University.
- The NSS Bureau sends the untrained programme officers for the week-long orientation training to different parts of the country for their holistic development. Normally 25-30 POs of the University undergo the orientation training programme during each academic year.

a) Services to the University

Objectives of the NSS Bureau

Campus beautification, Plantation, Health Camp in peripheral villages, Celebration of Days of National Interest, Awareness campaign, Swachha Bharat Abhiyan, Leadership Programme, Personality Development (Details of activities under taken are provided in Annexure 3.6)

b) Teaching and Training

Programme Officers' Orientation Training and Volunteers' Orientation Training are imparted by the Training Orientation Centre and Master Trainers to the volunteers.

- Performance assessment of units of previous year and chalk out plan and project for ensuing year.
- Special theme on programme like Herbal Gardening, Village Adoption by NIRD & PR etc. are available at NSS Bureau of the University.

c) Infrastructural facilities available

- Separate building with well furnished toilet, store room, record room, Guest Room, Computer, Telephone etc.

d) Total staff including technical staff

- One –Programme Coordinator, 2 – Assistants, 1 – Peon and 1 – Sweeper (All are on part-time basis)

3.6.4 Give details of social surveys, research or extension work, if any, undertaken by the university to ensure justice and empower the underprivileged and the most vulnerable sections of society

Social survey-cum-research is undertaken in the following areas.

- Conflict Management
- Community Verification
- Village Adoption:

- a. The NSS Bureau Berhampur University has 225 units in its affiliated colleges. Each unit has one adopted village near by the college.
- b. The NSS Bureau has adopted 10 tribal villages of Southern Odisha in collaboration with NIRD & PR, Hyderabad for their holistic development. The adopted villages are Laxmipur and Antarabatia (Ganjam); B. Sitapur and Kharidepa (Gajapati); Antriguda and Chalakamba (Rayagada); Geruput (Koraput); Jetuguda (Nowarangpur); Gandiaguda (Malkanagiri) and Pikareddy (Kandhamala).
- c. Ten Programme Officer and fifty NSS volunteers have undergone training during 1-2 November, 2014 at NIRD & PR, Hyderabad for the above mentioned purpose.



A brief report on participation of student's volunteers and faculty members for the session 2014-15 are outlined below:

A) Normal/Regular Activities

University Level:

Sl. No	Name of the Camp	Date of Organization	Programme Officers	No of Volunteers
1.	Rajiv Gandhi Khel Abhiyan	12.11.2014	4	200
2.	Pre RD Camp	14.9.2014	7	150
3.	NSS Day Observation	24.9.2014	3	200
4.	World Environment Day Celebration	5.6.2014	3	200
5.	World Youth Day	12.1.2015	3	150
6.	Swatcha Bharat Abhiyan	29-30.11.2014	3	500
7.	NSS Day Observation	24.9.2015	15	300
8.	Pre RD Camp	25.09.2015	15	100
9.	Area wise meeting of Principals and POs at Bhanjanagar	02.10.2015	54	150
10.	Area wise meeting of Principals and POs at Berhampur	04.10.2015	125	100



Celebration of NSS Day: Professor D. K. Behera, Vice-Chancellor and other dignitaries present at the Flag post

College Level:

NSS Day, World Youth Week, World AIDs Day, Swatcha Bharat Abhiyan, Blood Donation Camp, World Environment Day, Breast Feeding Day, Mothers' Day, Tobacco Free Zone (Addiction free Bharat) Camp observation etc. involving 11250 volunteers.

B) Inter College Camps at College Level:

Sl. No	Name of the Camp	Date of Organization	No of Volunteers	No. of Programme Officers
A	Savitri Women's College, Bhanjanagar	1-7 November 2014	200	14
B	Nowrangpur College, Nowrangpur	10 November 2014	120	10 (Orientation)
C	Balimela College of Sc. & Technology, Balimela	16- 22 December 2014	120	8
D	KMCS College, Tikabali, Kandhamal	27-28 July 2015	200	10
E	Polasara Science College, Ganjam	28-29 July 2015	200	12

C) Inter-University Special Camps:

Women's' College, Rayagada: 100 Volunteers + 15 Programme Officers from all Universities of Odisha

D) National Integration Camp:

National Integration Camp: 10 Volunteers + 10 P.Os at Bangalore

E) Blood Donation Camp:

7 Blood Donation Camp during which 2380 units of Blood were collected and 4000 volunteer's blood grouping test were conducted.

F) Adventure Camp:

- 60 volunteers participated at Kulu Manali (HP) and Rishikesh (Uttarakhand)
- 50 volunteers and 10 P.Os. participated at NIRD& PR, Hyderabad
- Final Year students of Marine Sciences went to NIRD&PR for an exposure trip.

G) Special Camps (in vacations)

	Male	Female	Total
Summer	22	06	28
Puja	26	16	42
X-Mas/Winter	39	18	57
Grand total: 127 participants			

3.6.5 Does the university have a mechanism to track the student's involvement in various social movements/ activities which promote citizenship roles?

NSS Bureau plays an important role to involve the students in different social and developmental activities of NSS round the year. Student Volunteers are enrolled into different NSS units of P.G. Departments and the colleges under the Berhampur University. After the enrolment is over, the NSS Bureau takes steps to involve the volunteers in various activities to promote the holistic development of the society through the following activities:

- Regular Camping Programme
- Special Camping Programme
- Inter- College Programme
- Inter- University Programme

In addition to the above the NSS Bureau organizes orientation training programme for the student volunteers in different colleges round the year. During these programmes, eminent persons/social activists train the student volunteers.

- The college having NSS units conduct mega blood donation camp, Inter-College Blood Donation Camp to collect the blood.
- The NSS units organize Swachh Bhart Abhiyan in its adopted villages.
- It organizes HIV/AIDS awareness camp in the effect areas of the locality.
- It organizes awareness camp in the under developed villages to aware the people about the Government Schemes.
- On 5-6-2014, the NSS Bureau celebrated the World Environment Day in the campus with 15 Programme Officers and 300 volunteers.
- On 26-06-2014, His Excellency the Governor of Odisha Dr. S.C Jamir inaugurated Post - Phailin Plantation Programme in the university campus by planting of the trees under the leadership our Hon'ble Vice Chancellor, Professor D.K. Behera.
- On 14-09-2014, Bureau organized Pre-RD selection of volunteers to participate in the RD camp in Berhampur University campus in which more than 150 volunteers and 10 Programme Officers participated.
- On 24-09-2014, Bureau observed NSS day with 200 volunteers and 10 Programme Officers.
- On 12-11-2014, Bureau organized Rajiv Gandhi Khel Abhiyan rally in the university campus in which more than 200 volunteers participated.
- During 29-30 November, 2014 the Vice-Chancellor, Professor Deepak Kumar Behera, inaugurated Swachh Bharat Abhiyan in the university campus with more than 15 POs, 700 volunteers and students of University High School and P.G. Departments. All employees of the university joined in this programme. This programme was extended to all the affiliated colleges under this university.



Professor Deepak Kumar Behera, Vice-Chancellor, Berhampur University is inaugurating Swachh Bharat Abhiyan in the University Campus on 29th October 2014

NSS plays a key role in Swachh Bharat Abhiyan, and the Department of Youth Welfare Studies also caters to this mission through different means: seminars, camps, visits to NGOs, etc.

- Organization of orientation Training Meeting to NSS Programme Officers and NSS Volunteers
- Conducting Blood Donation Camps
- Conducting the HIV/AIDS Awareness Camps
- Organizing Mega Health Check up Camp in the University Campus and the Affiliated Colleges under Berhampur University.



Professor Deepak Kumar Behera, Vice-Chancellor is present at the Dental Health Check up Camp organized at Jara Niwas, Gopalpur-on-Sea

As a part of the MOU of the university signed with NIRD&PR, the NSS Bureau, Berhampur University has adopted 10 villages in seven districts of Southern Odisha for holistic development of concerned villages. The villages are:

Sl. No.	Name of the Village	Name of the District
01	Laxmipur	Ganjam
02	Antarabatia	Ganjam
03	Sitapur	Gajapati
04	Kharidepa	Gajapati
05	Antriguda	Rayagada
06	Chalakamba	Rayagada
07	Geruput	Koraput
08	Jetuguda	Nowrangpur
09	Gandiaguda	Malkanagiri
10	Pikareddy	Kandhamala

Volunteers are provided with minimum vegetarian food and a certificate for their involvement in NSS. They are awarded with cash prize and certificate by the Govt. of Odisha as well as Govt. of India. Outstanding volunteers are deputed to different NICs, R.D Parades and different Adventure Training Programmes and Youth Exchange Programmes to different States and also abroad, which helps them in career building. Mr. B.Samal, volunteer of MKCG Medical College, Berhampur was deputed to China under Youth Exchange Programme. Volunteers of GIET, Gunupur collected Rs.19,000/- (Rupees Nineteen thousand) only and donated to a needy poor student for his higher studies and donated Rs. 1,00,000/- (Rupees One lakh) only to a Cancer patient for treatment.

3.6.6 Bearing in mind the objective and expected outcomes of the extension activities organized by the university, how did they complement student's academic learning experience? Specify the values inculcated and skills learnt.

Most of the concurrent activities of NIS and NSS centres around adoption of homes for the aged, destitute, visually and mentally challenged and orphanages, blood donation, rain water harvesting, traffic education and regulation, preservation of monuments, tree plantation and environmental awareness, health campaigns focusing on polio eradication, HIV/AIDS, education and recreation leading to promotion of literacy, remedial education, raising consumer consciousness, women empowerment career guidance, campaigns against social evils like untouchability, dowry, alcoholism, etc.

The first hand experience gained through these activities makes the students aware of the impending problems and needs of the society. They emerge as better citizens and become more sensitive to the society to which they belong.

3.6.7 How does the university ensure the involvement of the community in its outreach activities and contribute to community development? Give details of the initiatives of the university which have encouraged community participation in its activities.

The University takes pride in its various activities initiated in relation to community and national development. The Community services are part of the University programme.

- The University is extending its community services to the nearby rural people by giving medical facilities through 'University Health Center'. It takes active part in development by monitoring one primary school and one middle school, where the students come from nearby villages.
- Through Adult, Continuing Education and Extension unit, 'job- oriented' courses are conducted regularly.
- The NSS Volunteers visit to the adopted villages from time to time with Programme Officers for participation in various awareness programmes such as Old Age Pension, Eradication of Social Evils, Home for Homeless, Anti Alcoholic Camps/Rally, AIDs Awareness Camps, Cattle Immunization Camp, MPFL (Gyanalok), disadvantages of open deification and so on. They also interact with government Officers to provide pension to the elders.

3.6.8 Give details of awards received by the institution for extension activities and / contributions to social/ community development during the last four years.

- In recognition of the overall performance of NSS, the university received the Indira Gandhi NSS Award in the year 2010-11 for the leadership, motivation and direction provided by the University to the affiliated colleges and in achieving the objectives of NSS.
- The University has bagged Indira Gandhi NSS Award for volunteers 3 times since the award was instituted in 1992-93.
- Similarly the University has bagged a total number of 70 state level awards.

The University has taken steps to introduce NSS as an extra curriculum subject at Under Graduate level. In order to help the volunteers for promoting their skill development, the Bureau deputed volunteers to ETI, OUAT, Bhubaneswar for special training on “Self Defence” to self esteem and self confidence among girls students.

- The Vice-Chancellor, Berhampur University is a member of State NSS Advisory Committee. He personally monitors various NSS activities of the University and affiliated colleges and acts as a Resource Person for various programmes.

INDIRA GANDHI NATIONAL NSS AWARDEES:

- Smt. I.P. Pattnaik, Programme Officer, NSS, Women’s College, Sunabeda won Indira Gandhi National NSS Award in the year 2011-12. She received Rs.1,00,000/- cash award and a certificate from the Govt. of India.

STATE PROGRAMME OFFICERS NSS AWARDEES:

- Sri K. C. Behera, Sidhadevi Degree College, Nandapur and Mrs. Swagtika Patra, I.G. Women’s College, Digapahandi were awarded the Best NSS Officers of the State in 2010-2011
- Dr. S. P. Nayak, Kshetra Mohan Science College, Narendrapur was awarded the Best NSS Programme Officer of the State in 2012-13.
- Dr. Purusottam Sahu, Gopalpur College, Gopalpur was awarded the Best NSS Units of the State in 2012-13
- Dr. Archana Pattnaik, Rayagada Women’s College, Rayagada was awarded the Best NSS Units of the State in 2013-14
- Mrs. Jyotshna Rani Pattnaik, Programme Officer, Polasara Science College, Polasara, District Ganjam was awarded with the Best NSS Officer of the state for 2014-15.

STATE STUDENTS VOLUNTEERS NSS AWARDEES:

- Mr. R.K. Satapathy, K.M. Science College, Narendrapur, Dist: Ganjam was awarded with the Best Volunteer of State in 2012-13.
- Smt. Kanchan Bala Sahu was adjudged as best volunteer of State in 2013-14.
- Mr. Kanhu Ch. Behera, K.M. Science College, Narendrapur, Ganjam, Mr. Sudershan Behera, City College, Berhampur, and Mr. Srikar Kumar Majhi, Cikiti College, Chikiti were awarded the Best Student Volunteers Award in the year 2014-15. They have awarded with cash prize for Rs.4,000/- and a certificate from the Department of Higher Education, Govt. of Odisha.

Thus, NSS always attempts for active involvement of student volunteers to achieve the objectives of NSS.

3.7 Collaboration**3.7.1 How has the university's collaboration with other agencies impacted the visibility, identity and diversity of activities on campus? To what extent has the university benefitted academically and financially because of collaborations?**

The University departments collaborate with various national and international institutes and agencies. This collaboration brought the following benefits:

- Eminent scientists from India and abroad visit the university and provide good academic exposure to the Post-Graduate, M.Phil. and Doctoral students
- Quality publications are brought
- It offers several internship opportunities for the research students
- Enhances the placement opportunities
- Agencies also offer research grants and Ph.D. fellowships.

3.7.2 Mention specific examples of how these linkages promote

- **Curriculum development: Soft Skill Development, Computer Skill and communicative English (Add-on Courses offered by Berhampur University in collaboration with NIRD&PR, Hyderabad)**

Introduced three Add-on courses (1) Communicative English for Development Professional, (2) Basic Computer Application for Development Professional and (3) Personality Development in collaboration with NIRD&PR with the objective of developing soft skills among students. Faculty members from NIRD&PR also take classes for these Add-on courses. Certificates are given to all those students who complete these add-on courses (joint certification by BU and NIRD&PR)

- **Internship:**

- Arranged Exposure and Training visits at Rural Technology Park (RTP) NIRD&PR, Hyderabad for 45 SHG members and for their spouses, ten members from the adopted village
- Students of the Department of Marine Sciences visited NIRD&PR during March, 2015 as part of their field study tour.

- **Faculty exchange and development:** Dr. Tapan Kumar Barik availed Raman Post Doctoral Fellowship of UGC and worked at Huck Institute of Life Sciences, Pennsylvania, USA.
- **Research Publications:** Joint publications with overseas scholars and scholars working in different universities/institutes in India are brought out.
- **Consultancy:** Consultancy project is being carried out for the industries like Gopalpur Ports Ltd. In addition, several senior faculty members offer consultancy for various institutions on honorary basis.
- **Extension:** Collaboration with National Fisheries Development Board helped in the following ways. Details of the extension activities undertaken by the University are: (For details see Annexure-3.7).
 - Supplied Fish transport three wheeler autos of 05 numbers for fisherwomen SHG members – 324 benefited from this programme.
 - Supplied 100 Solar Lanterns for 50 country fishermen for better catchment of fish and to minimize boat collision with trawlers during night time.
 - Supplied 4 Bolero–pickup for Fish transport to 4 SHG groups on 50% subsidy by NFDB, Hyderabad
 - Set-up a Training Facility Centre under village adoption scheme for Sewing with financial support by NIRD&PR of Rs 40,000/ - for 3 High Speed Sewing Machines for the benefit of women SHGs.
- **Student placement:** Collaboration with national/international agencies is helpful for placement of students. For example collaborative projects of the Department of Marine Sciences with ICMAMPD, MoES, Chennai and INCOIS, Hyderabad have resulted in creating opportunities for student placement at the collaborating institutes.

3.7.3 Has the university signed MoUs with institutions of national/international importance/other universities/ industries/corporate houses etc.? If yes, how have they enhanced the research and development activities of the university?

Under the leadership of Professor Deepak Kumar Behera, Vice Chancellor, Berhampur University, the following MoUs have been signed (for details see Annexure 3.8).

With Overseas Universities/Institutes:

- University of Tübingen, Germany
- Aarhus University, Denmark
- Abomey-Calavi University of the Republic of Benin
- WALSH College, Michigan, USA
- University of Groningen, The Netherlands

With Indian Universities/Institutes:

- National Institute of Rural Development and Panchayati Raj, Hyderabad
- Indian Institute of Technology, Bombay, Mumbai
- Efforts are being taken to sign MoU with CSIR National Institute of Oceanography (NIO), Goa and Integrated Coastal Zone Management Authority Project Directorate (ICZMP), Bhubaneswar, Odisha and Chilika Development Authority(CDA), Bhubaneswar as per the recommendation of the SAP advisory committee meeting of the Department of Marine Sciences.

The MoUs have been signed to expand the basis of friendship and educational exchange, which include joint research projects, exchange of students and faculty, exchange of academic information and materials and to organize and participate in joint academic activities such as framing courses, conferences, seminars, symposia and lectures. MoUs have significantly enhanced the teaching, research and development activities of the university in the following manner:

- **Soft Skill Development (Add—on Courses by Berhampur University and NIRD&PR, Hyderabad)**
Introduced three Add-on courses (1) Communicative English for Development Professional, (2) Basic Computer Application for Development Professional and (3) Personality Development in collaboration with NIRD&PR with the objective of developing soft skills among students. Faculty members from NIRD&PR also take classes for these Add-on courses. Certificates are given to all those students who complete these add-on courses (joint certification by BU and NIRD&PR)
- Action research at Gopalpur-on-sea in collaboration with National Fisheries Development Board, Hyderabad.
- Base line surveys in 10 adopted villages of seven districts by BU-NIRD & PR, Hyderabad.
- A total of 50 NSS volunteers and 10 Programme Officers of NSS Bureau of BU visited NIRD&PR, Hyderabad for participating in an orientation programme to work in our adopted villages
- A batch of students of the Dept. of Marine Sciences visited NIRD&PR during March, 2015 as part of their field trip.
- Professor Roland Hardenberg and Dr. Andrea Hardenberg of the University of Tubingen, Germany visited the University and delivered memorial lectures.
- Ms. Prakuti Ramesh of the Aarhus University, Denmark visited the University and carried out extensive field surveys in collaboration with South Odisha Cultural Study Centre during September-October 2014.
- Mr Maximilian Priester, University of Tubingen, Germany visited the Department of Business Administration and delivered an invited lecture on 07.02.2015.
- Dr Peter Berger, Professor of Indian Religion and Anthropology of Religion, University of Groningen plans to visit Berhampur University and Odisha for research collaboration during December, 2015 to February, 2016.

3.7.4 Have the university-industry interactions resulted in the establishment / creation of highly specialized laboratories / facilities?

The University establishes its connectivity locally, nationally and globally in the domains of research, consultancy and extension. Some of the eminent scholars of the university were elevated to serve as Vice-Chancellor of this and other universities. Students groomed in research and development are well placed across the world as knowledge Leaders, Scientists, Scholars and Social Workers and political leaders.

University industry interaction resulted in establishment / creation of the following laboratories/ facilities.

- Environmental Monitoring Laboratory- Department of Marine Sciences
- Cell and Molecular Biology and biochemistry Laboratory: Department of Zoology
- Geno Toxicology Laboratory: Department of Zoology
- Sericulture Laboratory: Department of Zoology
- Animal Diversity Laboratory: Department of Zoology
- Gamma Chamber – BARC, Molecular Biology and Genomics Lab, Department of Botany

CRITERION - IV
INFRASTRUCTURE AND LEARNING RESOURCES

CRITERION – IV: INFRASTRUCTURE AND LEARNING RESOURCES

4.1. Physical Facilities

4.1.1 How does the University plan and ensure adequate availability of physical infrastructure and ensure its optimal utilization?

Berhampur University, a half-a-century-old State university of Odisha, is located on the coast of Bay of Bengal at Gopalpur-on-Sea. Prone to the rages of weather, more often than not, the varsity seems destined to bear the brunt of natural calamities, often in the form of cyclones, super cyclones, and cyclonic storms. Battered and bruised by such vagaries of weather, rather frequently, the university has stood the test of time, bouncing back in quick time and proving that it can never be crestfallen. The University witnessed massive destruction due to the very cyclonic storm ‘Phailin’ hitting the campus on 12th October 2013. While the process of reconstruction was continuing, another cyclonic storm “Hud-Hud” hit the campus on the same day of the following year, i.e. 12th October 2014. In spite of the two consecutive natural disasters, the University was able to restore its infrastructure and other facilities with the active support of the stakeholders to cater to the educational needs of the students. The Vision of the University is to achieve academic excellence in teaching, research and to play a proactive role in the outreach activities. The university has succeeded to translate its vision and mission into reality with the active support of the government and other funding agencies. The University involves all the stakeholders while assessing its infrastructural need by including them in various Committees.

The University has made optimum use of the land available and has the following physical facilities:

- Administrative Block
- Academic buildings: 1st Humanities Block, 2nd Humanities Block, Science Blocks, Commerce Block, Management Block, Academic building, Computer Centre Building, DEC Block, Women’s’ Studies Centre, Language Laboratory etc.
- A three-storied central library with a Journal Section and Reading Room
- University Press
- Six Girls’ hostels with Gymnasium
- Six Boys’ Hostels
- University Higher Secondary School
- Staff Quarters
- Canteen
- Health Centre
- Shopping Complexes
- A fully computerized branch of the State Bank of India
- Two ATMs
- Post Office
- Students’ Home
- Sports Complex: A play ground, a pavilion, a multipurpose indoor hall, gymnasium, Basketball courts, etc.

- A fully equipped Auditorium (Biju Patnaik Auditorium with a capacity to accommodate more than 700 persons)
- Open Air Theatres (Bhanja Mandap and Kabisurjya Mandap)
- University Employment Information and Guidance Bureau
- Staff Recreation Club
- Guest House
- Faculty Club
- Botanical Gardens
- Herbal Garden
- Rose Garden
- Children Park
- Deer Park.

Alongside the above, the following additional full-fledged infrastructures are envisaged for the near future.

- University Career and Placement Assistance Cell
- University Innovation-Cum- Incubation Centre
- University Entrepreneurship Development Centre
- Student Counselling Centre
- Human Rights Education Centre
- Environmental Studies & Disaster Management Centre (5000 Sq.ft 3 storied building for 1 - 6)
- Human Resource Centre
- New Health Centre
- Day Care Centre (2400 Sq. Ft.)
- Green House and Medicinal Garden with rare plants
- Rain Water Harvesting System
- Solar Energy Grid
- Record Room Building
- Oral History Cell
- Central Valuation Centre with Power Back-Up & Security system (3000 Sq. Ft.)
- New Building for Electronic Science Department (15,000 Sq. Ft.)
- 2nd floor for Commerce Department (6000 Sq. Ft.)
- Hostel for DEC Lady Students (100 inmates)
- Hostel for DEC Gents Students (100 inmates)
- DEC Academic Building (10, 000 Sq. Ft.)

- Executive Hostel (100 inmates)
- Online UPS Systems
- 10 KVA System for each Social Science Departments
- 20 KVA Systems for each Science Department
- 46 SMART Class Rooms
- 3 Nos. Of Seminar Halls with A/V & Power Back Up Facility
- New Administrative Building
- New Press Building
- PG Central Office Block with A/C & Power Back-up
- 10 Nos. of Buses for Employees & Students
- Central Kitchen – (2 Nos)
- Canteens (02 Nos)
- Animal House
- Renovation of Zoology Museum
- Interdisciplinary Laboratories – 3 Nos.
- Compound Wall for the Sports Council Play ground with Drainage Facility
- Sports Council Gate at the Entrance
- One Modern Sports Complex with gallery
- Modernized 16 Stationed Multi Gym
- Sports Pavilion
- Faculty Club for Teachers
- Museum of South Odishan Studies
- Vehicle Shed for Buses
- The university plans to impart awareness and training for the faculty members to ensure optimal use of new technology. Appointment of well-trained laboratory-technicians/system engineers / computer operators has also been proposed to ensure effective utilisation and management of instruments/equipments and other related infrastructure.
- Faculty shall be encouraged to resort to innovative teaching and learning practices. The available physical infrastructure shall be extended beyond official teaching hours to enable conduct of certificate courses, co- curricular activities/extra-curricular activities, campus recruitments, seminars, conferences etc.,
- The available infrastructure is also used for Odisha JEE Counselling, conduct of NET Examination, National Youth Festival, inter college/ inter university sports and games etc.

4.1.2 Does the university have a policy for creation and enhancement of infrastructure in order to promote a good teaching-learning environment? If yes, mention a few recent initiatives.

The University has constituted three different Committees to look after the creation and enhancement of infrastructural requirements of the University. The Committees are Building Committee, Planning and Coordination Committee and Infrastructural Monitoring Committee comprising of members like Vice Chancellor, Registrar, Development Officer, senior Professors and technical experts from both inside and outside the University.

- Yes. The university has taken a few recent initiative such as the following:
 - Reconstruction of University Entrance Gate with security arrangement
 - Expansion of University Guest House
 - Expansion of Central Library.
 - Construction of New Hostels (Ladies, M.Phil./Ph.D.),
 - Construction of two New Academic Blocks (one for Science and one for Humanities),
 - Construction of well-furnished NAAC - IQAC cell with Lecture Hall,
 - Construction of State of the Art Innovative Research Centre,
 - Construction of a New Computer Lab,
 - Extension of Establishment Section in the Administrative Block
 - Construction of New Examination Hall,
 - Purchase of 183 Computer systems, 17 Projectors, 20nos of motorised screens, , Wi-Fi connectivity in the campus, Up-gradation of library with purchase of Books, Journals and Periodicals, Magazines, Library software during the year 2015. The library has an e- Content Access Centre to facilitate the students, scholars and teachers with e- learning resources.
 - Science labs have been renovated with the required instrument facility to develop the practical skills of the students.
 - In addition to this, some departments have developed state of the art laboratories through Govt. of India sponsored major projects.
- For the above facilities the university has mobilised Rs. 70 crore for the development of its infrastructure. Out of which Rs. 40 crore have already been received by University and the rest will be received later on.

4.1.3 How does the university create a conducive physical ambience for the faculty in terms of adequate research laboratories, computing facilities and allied services?

The University lays great emphasis on providing a conducive physical ambience basing upon the requirements projected by the Post Graduate Departments. As a result of which, all most all faculty members have been provided well furnished separate rooms duly supplied with power and internet connectivity. They have been provided with laptop/ desktop computers.

- The research laboratories of various Science departments are well equipped with adequate space, UPS and internet facility.
- University has two computer centres namely Biju Patnaik Computer Centre and University Computer Centre.

4.1.4 Does the University provide all departments with facilities like office room, common room, and separate rest rooms for women students and staff? Yes.

- Each department has a spacious office room, individual cubicle for each faculty member with all required facilities like computer/laptop, furniture, and internet.
- The First Humanities Block of the university has a well-furnished Girls' Common Room.
- There is a Students' Home where students assemble and conduct student's activities.

4.1.5 How does the University ensure that the infrastructure facilities meet the requirements of students/ staff with disabilities?

- The First Humanities Block, the Departments of Physics and Zoology have ramp facility for the students and staff with disabilities.
- The university is in the process of providing ramp facility to all its buildings.

4.1.6. How does the University cater to the residential requirements of students? Mention Capacity of the hostels and occupancy (to be given separately for men and women):

The University has sufficient number of hostels to accommodate both boys and girls students within the campus coming from distance and remote areas of the state.

Men's Hostel

- a) Number of hostels: 06
- b) Number of inmates: 340

Facilities:

- Well furnished Common Room,
- Provision for Newspapers in different languages, weekly magazines,
- TV, power inverters,
- Indoor games,
- Water purifiers,
- 16 station multi gymnasium
- Wi-Fi connectivity is in the process.

Women's Hostel

- a) Number of hostels: 06
- b) Number of inmates: 407

Facilities

- Separate Common Rooms and Kitchen-cum-dinning in each hostel,
- 11 station multi gymnasium
- TV hall, recreational facility, refrigerator,
- Reading hall with newspapers, weekly magazines.
- University is in the process of going with Wi-Fi connectivity and thereby providing uninterrupted internet access to the boarders.

4.1.7 How does the University cope with the health related support services for its students, faculty and non-teaching staff on the campus and beyond?

- a) The Primary Health Centre (PHC) situated within the campus is duly supported with a doctor and paramedical staff, which caters to the day to day health requirements of students, campus-dwellers, staff of the university and also the people of peripheral villages.
- b) Hygiene is meticulously maintained in the campus.

The University renders all possible support to students and staff during medical emergencies.

- c) Round the clock ambulance service is available to students and staff.

4.1.8 What special facilities are made available on the campus to promote interest in sports and cultural events?

The University is concerned for the overall growth and development of students. The National Sports Policy (1984) and National Education Policy (1986) also emphasise on the need for introduction of sports in the academic programme. Keeping this in view, the University has a team of sports personnel to look after the sports activities and events across the year.

Sports:

- The University has a well-furnished spacious sports complex with different kinds of sports infrastructure.
- It is well managed by a Teacher-in-Charge designated as Secretary, Sports Council with qualified physical instructors/coaches.
- The university has in recent past conducted All-India Women's Basket Ball, Women's Kabaddi competition along with other such Intra-college, Inter-college, University-level, State-level & National-level competitions of various games and sports.
- The general body of the Sports Council, through its Executive Body, effectively organizes various sports and games both within the campus and in the affiliated colleges under its jurisdiction.
- The university offers following facilities to promote sports:
 - a) Indoor Hall for games like Caroms, Chess and Table Tennis.
 - b) Volleyball, Badminton and Basketball courts in the stadium.
 - c) Gym for fitness and health.

Uniforms/University Flags and sports kits are provided to all those who participate in major events.

- d) Special dietary requirements and Travelling allowances are given to students participating in major events at the state and national level.

Cultural Events

- The university has a cultural Co-ordinator with a committee to promote cultural activities in the campus. The Cultural Committee plays a pivotal role in encouraging talented students to participate in cultural events at the local, state and national levels.
- The University recently conducted Winterfest Yuba Parva
- A string of events are usually conducted by the Dramatic Association of the Post-graduate Departments.
- The cultural committee organizes different cultural activities during the Annual Functions, Celebration of Foundation Day, and Independence Day etc.
- Apart from the A/C University auditorium, the university has open theatres in Kabi Surya Ranga Mancha, Bhanja Mandap in order to stage such cultural activities

4.2 Library as a Learning Resource

- The University has a Central Library named as R.P. Padhi Library, which came into existence in 1968. It offers an Open Access facility to the students, employees, and staff.
- The reading room is well furnished with a capacity to accommodate 280 students at a time, providing a peaceful ambience for study and research.
- The library maintains Visitors' Registers in each section for teachers, students and staffs.
- New arrivals of books and journals are displayed on separate stands and racks.
- Six books are provided to each student at a time. The faculty members can avail 25 books from the Library at a time. The non-teaching staff are also provided books from the Library.
- Security of resources is ensured through a system of checking at the exit point of the library for all resources borrowed by the users.

4.2.1 Does the library have an Advisory Committee? Specify the composition of the committee. What significant initiatives have been taken by the committee to render the library student/user friendly?

- The Library has an Advisory Committee consisting of Vice-Chancellor, Registrar, two Syndicate Members, Comptroller of Finance and the Professor-in-Charge of the Library.

Recent significant initiatives taken by the Library include:

- a) Increase of computer systems with internet facility
- b) Re-organisation of R.P.Padhi Library
- c) Computer systems in the Library have been upgraded
- d) Access to e-resources through UGC-INFONET provided by INFLIBNET.
- e) Racks are procured to stack new books and journals.

Besides Library Committee, as per the University Accounts Manual Purchase Committee for the Library is in existence to finalize purchase of different library materials such as Books and journals.

4.2.2 Provide details of the following:

- **Total area of the library (in Sq. Mts.): 3069.88 Sq Mts.**
- **Total seating capacity: 280** (Reading Room: 250 + Computer Access Point: 30)

Working hours (on working days, on holidays, before examination, during examination, during vacation):

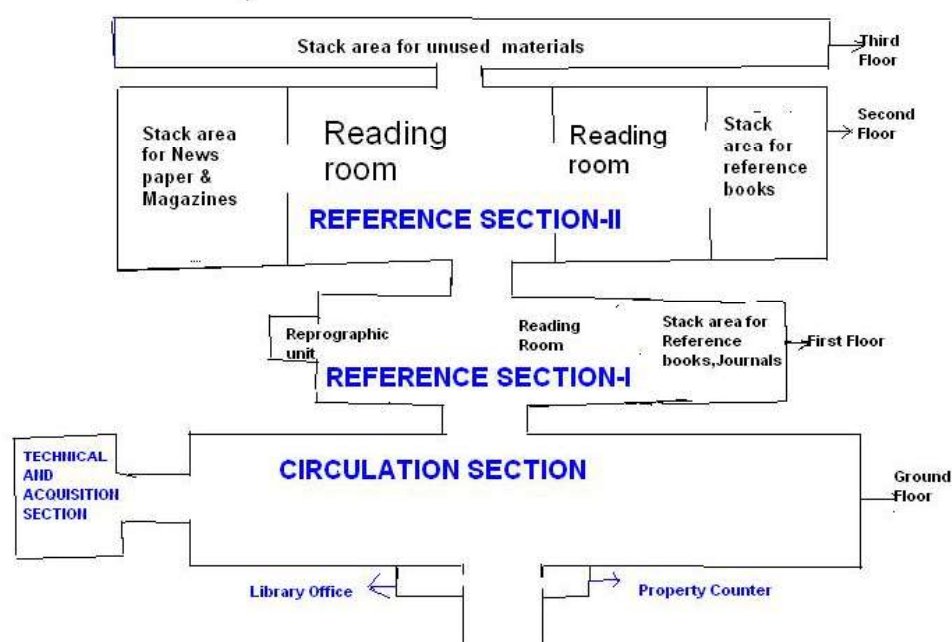
From Monday to Friday: 8.00 a.m. to 8.00 p.m. and

Saturday and Sunday: 10.30 a.m. to 4.30 p.m. (round the year).

Layout of the library (individual reading carrels, lounge area for browsing and relaxed reading, IT zone for accessing e-resources):

Adequate sign boards; Fire extinguishers; access to differently-able users and mode of access to collection

All the aforesaid facilities and provisions are in place in the University Library.



4.2.3 Give details of the library holdings:

Print (books, back volumes and theses)

Books: 1,29,261

Back Volumes of Journals: 830

Ph.D. Thesis: 1797

M.Phil. Thesis: 2864

Statistical Handbooks: 2857

Census Reports: 593

CDs: 961

Apart from the above, the Library also subscribes 117 current journals, 42 magazines and about 8000 e-journals through UGC INFONET.

a) Average number of books added during the last four years

Sl. No.	Year	No. of Books
1	2010-11	8498
2	2011-12	1454
3	2012-13	1192
4	2013-14	3113
5	2014-15	Nil
Total No. of Books		14257

b) Non Print (Microfiche, AV): CDs - 961

c) Electronic (e-books, e-journals): E-journals of UGC-INFONET (ACS, AIP, APS, Annual review, Black-Wiley, Cambridge University Press, Economic and Political Weekly, EBSCO, Elsevier, Emerald, Institute of Physics, IEEE, JSTOR, Oxford University Press, Project Muse, Royal Society of Chemistry, Science Direct, Nature Publishing, PROQUEST, Springer Link, Taylor and Francis) accessible in University campus on IP Base. The on line journals are accessed by users through 30 access points provided in Reference-I Section of the library.

The Department of Higher Education, Government of Odisha, in a recent meeting, has agreed to provide financial assistance to the University to access e-journals and other e-content through PROQUEST. This facility will be extended to the users very soon.

d) Special collections (e.g. text books, reference books, standards, patents)-

Total of 19,450 (It includes good number of Competitive Books) available in the University library, providing services to all the stakeholders.

4.2.4. What tools do the library deploy to provide access to the collection?

OPAC: The library automation through SOUL is in progress. OPAC facility shall be extended to all the users soon after completion of this work.

Electronic Resource Management package for e-journals: The University Library is having an E-content Access Centre with 30 terminals to access the E-Journals provided through UGC-INFONET.

Federated searching tools to search articles in multiple databases: Yes (INFLIBNET)

Library Website: Sub-domain under university site (www.buodisha.edu.in)

4.2.5. To what extent is ICT deployed in the library? Give details with regard to

Library automation: The Library was using Newgenlib library automation software since 2009 under library automation programme. Data-base of about 73,000 books has been made as part of automation activity and books were circulated to users. However, the same has become defunct due to Phailin and Hud-Hud. Now the University is restoring library automation through SOUL.

Total number of computers for public access: 30

Total numbers of printers for public access: 01

Internet band width speed: 1 Gbps over OFC from 2.11.2011

Content management system for e-learning: Nil

Participation in resource sharing networks/Consortia (like INFLIBNET): Yes

4.2.6. Provide details (per month) with regard to:

Average number of walk-ins: 2043(Circulation + Reference I + Reference-II)

Average number of books issued/returned: 1185 (Circulation Section)

Ratio of library books to students enrolled: 83 per student

Average number of books added during the last four years: 3813

Average number of login to OPAC: NIL

Average number of login to e-resources: 1350

Average number of e-resources downloaded/ printed: 60 per day

Number of information literacy trainings organized: Nil

4.2.7. Give details of specialized services provided by the library with regard to:

Manuscripts: For reference only

Reference: Reference and Periodical Sections are open to the Students, Scholars, Faculty Members, Administrative staff, and visitors from the affiliated colleges, other institutions, Universities and General public. Library has well furnished halls with reading facility.

Reprography: Photocopying machines are available in the Library.

Inter-library Loan Service: Nil

Information Deployment and Notification: Notice Board Available

OPACS: N.A.

Internet Access: Available

Downloads: Available

Printouts: Available

Reading list/Bibliography compilation: N.A.

In-house/remote access to e-resources: In progress

User Orientation: Provided

Assistance in searching Databases: Provided

INFLIBNET/IUC facilities: Available

4.2.8 Provide details of the annual library budget and the amount spent for purchasing new books and journals.

BOOKS

Sl. No.	Grant	Year	Amount (Rs.)
1	UGC	2010-11	51,30,420.00
2	UGC	2011-12	Nil
3	UGC	2012-13	3,80,606.00
4	UGC	2013-14	12,72,512.00
5	UGC	2014-15	6,58,132.00

PERIODICALS

Sl. No.	Year	Budget	Amount (Rs.)
1	2010-11		7,79,264.00
2	2011-12		10,26,833.00
3	2012-13		11,07,038.00
4	2013-14		12,20,221.00
5	2014-15		15,99,749.00

4.2.9. What initiatives has the university taken to make the library a “happening place” on campus?

- The University has organised a Book Exhibition on 12-14 August 2014 for procurement of books for all the Departments/Centres. A large number of publishers have participated in the Book Exhibition.



Photo-1: Book exhibition inaugurated by Hon'ble Minister of Higher Education Govt. of Odisha

Photo-2: Exhibition visited by Teachers, Students & Research Scholars.

- Orientation programmes are organised for the fresher's to acquaint themselves with the R.P. Padhi Library.

4.2.10 What are the strategies used by the library to collect feedback from its users? How is the feedback analysed and used for the improvement of the library services?

The Library has adopted various ways to collect feedback to ascertain its efficiency as learning resource.

- (i) Through Suggestion Box
- (ii) Exit level feedback from the users
- (iii) Oral feedback from the teachers and staff to address deficiencies, if any

Apart from the above, once in every academic session, the Librarian sends a letter of request to the Heads of the departments to submit the requirement of books/journals of their respective departments. These suggestions are placed before the Library Committee for review and action.

4.2.11 List the efforts made towards the infrastructural development of the library in the last four year

- a) Library Building has been extended with an investment of Rs. 5 crores.
- b) Scanner, furniture, book racks, fittings were added in the last four years.
- c) Computers were upgraded
- d) Establishment of e-content Access Centre with 30 new computers.



Front View of R.P. Padhi Library

4.3. IT Infrastructure**4.3.1 Does the university have a comprehensive IT policy with regard to IT Service Management**

The University has a comprehensive IT policy. The Examination and Finance sections of the University are fully automated and functional. The results of the students published on line with a scope to download the result sheet instantly. The financial functions of the University are computerised.

The following steps have been taken to ensure effective use of IT facility:

- 1) Post Graduate Departments are connected with internet facility.
- 2) Departments have access to UGC-INFONET

- 3) Social networks are restricted from access.
- 4) The process of providing Wi-Fi facility in the campus is underway.
- 5) High speed broadband connection in the campus.

Information Security

Most of the computers available in the University have a basic antivirus programme that helps to protect the computers.

- 1) Firewall protection for unauthorized access
- 2) Password protection
- 3) Personal data protection
- 4) Data backup
- 5) IP Surveillance

Network Security

- 1) Firewall protection
- 2) Password protection
- 3) Data security
- 4) Gateway security

Risk Management

- 1) Anti-virus enablement
- 2) Regular data backup
- 3) Monitoring network traffic

Software Asset Management

- 1) Stock registry of licensed software
- 2) User group

Open Source Resources

- 1) Creating awareness about open source resources among users
- 2) Encourage use of open source resources instead of proprietary software

4.3.2 Give details of the University's computing facilities (hardware and software).

- 1) Number of systems with individual configurations : 413
- 2) Computer-student ratio : 1:3

- 3) Dedicated computing facilities : 08 servers
- 4) LAN facility :All P.G. Departments
- 5) Wi-Fi facility: Underway
- 6) Proprietary software : Yes
- 7) Number of nodes/ computers with internet facility : 178
- 8) Any other (please specify): Each department has its own computing facility with the requisite hardware/software

4.3.3 What are the institutional plans and strategies for deploying and upgrading the IT infrastructure and associated facilities?

As per requirement, computers and accessories have been provided to all academic departments and administrative sections. All departments are connected with a local area network. University aims at paperless administration by using appropriate e-management information system software.

4.3.4 Give details on access to on-line teaching and learning resources and other knowledge and information database/packages provided to the staff and students for quality teaching, learning and research.

The University encourages ICT enabled teaching–learning practices to promote innovation and effective learning. For instance, there is a statistical software package called “SPSS” available in the Biju Patnaik Computer Centre. The teachers and research scholars use it for their teaching, learning and research. Apart from that, the users access other such open e-learning resources, like INFLIBNET, and multimedia learning facility through smart class rooms.

4.3.5 How does the university address issues such as authenticity and copyright with regard to online resources that lie outside the university?

On-line resources can be accessed only with the **IP base of the University.**

4.3.6 What are the new technologies deployed by the university in enhancing student learning and evaluation during the last four years and how do they meet new / future challenges?

The university has **12** Smart Class Rooms available in various departments. The University has taken all efforts to create smart class rooms with all physical infrastructures. In addition, in the Central Library, an **INFONET** centre with 30 nodes has been set up for the benefit of students’ use.

4.3.7 What are the IT facilities available to individual teachers for effective teaching and quality research?

Individual teachers are provided with computers with internet facility and printers. Laptops are provided to all Heads, Principal Investigators and Senior Administrative Officers.

4.3.8 Give details of ICT-enabled classrooms/learning spaces available within the university? How are they utilized for enhancing the quality of teaching and learning?

The university has 12 Smart Class Rooms. Quality of teaching and learning is promoted by emphasising power point presentations by the faculty besides emphasising various other methods of teaching like case study, management game, role play and assignments. The students in their leisure time download the study materials like lecture notes, recent papers, and review articles with the help of the internet facility available in the respective departments.

4.3.9 How are the faculty assisted in preparing computer- aided teaching-learning materials? What are the facilities available in the university for such initiatives?

Faculty members participate in refresher/orientation courses conducted by the UGC to learn how to develop e-based teaching and learning techniques. Such trainings and exposure help the teachers to prepare computer-aided teaching-learning materials. The University is in the process of establishing a Human Resource Development Centre with all required facilities to impart training programmes for both the teaching and non-teaching employees of the University and affiliated colleges.

4.3.10 How are the computers and their accessories maintained?

Most of the Computers and their accessories are maintained through **Annual Maintenance Contract**. In case of any exigency, the assistance of the Maintenance Engineer of the computer centre is availed.

4.3.11 Does the university avail of the National Knowledge Network connectivity? If so, what are the services availed of?

The University is taking necessary steps to be a part of National Knowledge Network connectivity.

4.3.12 Does the university avail of web resources such as Wikipedia, dictionary and other education enhancing resources? What are its policies in this regard?

Yes. Encouraged only for reference work, Plagiarism is strongly discouraged.

4.3.13 Provide details on the provision made in the annual budget for the update, deployment and maintenance of computers in the university?

- In the University budget a sum of Rupees **one** lakh is normally specified for the maintenance of computers of the University Computer Centre.
- Besides, the University grants Laboratory Contingency to be spent towards maintenance of the computers of different Departments and Centres as and when required.

4.3.14 What plans have been envisioned for the gradual transfer of teaching and learning from closed university information network to open environment?

- a) The university has proposed to have Virtual Learning Centre so that outsiders can have an open access to e-resources.

- b) The Government of Odisha supported the move to revamp Curriculum as per Choice Based Credit System as specified by UGC. The future plan is to develop an extensive and in-depth modification of the curriculum ensuring innovative practices involving the students, faculty members and entrepreneurs from outside the state and country.

4.4 Maintenance of Campus Facilities

4.4.1 Does the university have an estate office / designated officer for overseeing the maintenance of buildings, class-rooms and laboratories? If yes, mention a few campus specific initiatives undertaken to improve the physical ambience.

- Yes. The university has a Development and Maintenance Section to oversee all the buildings, class-rooms, laboratories, Sport Council, Guest House and staff quarters.
- The Development Officer acts as the nodal officer to supervise the day to day maintenance of the buildings, class rooms and laboratories etc.
- There are sections like Civil, Electrical and PH which facilitate the regular maintenance of the campus with the help of the Assistant Engineer (Civil), and Junior Engineers (Electrical and PH).
- A few specific initiatives taken recently are the following:
 - a) To provide an environment, conducive to teaching and learning, in the campus and departments, adequate staff is employed for cleaning and regular maintenance. Wash rooms are well maintained. Dustbins are placed in every floor. The green cover of the campus is well maintained by full time gardeners.
 - b) The Generators, Air Conditioners and Water Purifiers are periodically maintained.
 - c) The University has trained electricians and plumbers working under the direct supervision of Junior Engineers of the respective trades.
 - d) University computers and accessories are maintained by a System Engineer and his staff.
 - e) Parking facility and student rest sheds are well maintained.
 - f) Deer Park is well maintained under the supervision of the Department of Zoology

Apart from the above, the university has a campus supervisor who keeps vigil on the campus round the clock, ensuring absolute surveillance of the campus property.

4.4.2 How are the infrastructure facilities, services and equipments maintained? Give details.

- The university has appointed regular employees for maintenance and repair works.
- Group-D employees, gardeners, and watchmen are available for the maintenance of the building.
- Electricians and System Engineers are the permanent employees of the University, taking care of maintenance and minor repairs in the labs.
- However, for major service requirements especially for laboratory equipment, the university depends on the specialists on paid basis.

- In order to maintain the infrastructural facilities, carpenters, plumbers, and pump drivers are available on permanent basis.

Any other information regarding Infrastructure and Learning Resources which the university would like to include.

- The University has made provision of Rs. 30 lakhs (approximately) towards the maintenance of the ICT equipment.
- The recent infrastructure developed by the university are:

South Odisha Cultural Study Centre, New Conference Hall, two Girls' Hostels, Library extension, Extension of existing Guest House, Studio-cum-Production Laboratory in the Department of Journalism and Mass Communication, Renovation of the office of the Sports Council, Expansion of First Floor of the BPCC to convert it to students' e-resource centre, vehicle Parking shed for stakeholders of the university and Human Resource Development Centre.

CRITERION - V
STUDENTS SUPPORT AND PROGRESSION

CRITERION V: STUDENTS SUPPORT AND PROGRESSION**5.1 Student Mentoring and Support****5.1.1 Does the University have a system for student support and mentoring? If yes, what are its structural and functional characteristics? Yes**

All the faculty members are actively participating in academic and personal counselling in proctorial classes in respective departments. Students' Advisory Committee is playing an active role in various point of time. Students of the University are getting Government scholarships and research fellowships from various funding agencies through the P&R Section of the University. The University offers research fellowships to students' pursuing the Ph.D. programmes. Healthcare services are available to students and campus dwellers through University Primary Health Centre. Spoken English, Computer Application and Personality Development courses are available to students as Add-on Courses in collaboration with NIRD &PR, Hyderabad. There is a Career and Placement Assistance Cell working for on and off campus placement activities. Members of Anti-ragging Committee, Students' Grievance Redressal Committee, Complaint Committee on Sexual Harassment of Women at Workplace and Board of Residence working round the year to maintain the peace and harmony among students in the campus. Students Union is elected every year as per the guidelines of the Lyngdoh Committee. NSS Bureau organizes various activities to maintain unity and harmony among students.

5.1.2. Apart from classroom interaction, what provisions are available for academics mentoring?

- Students are given freedom to contact teachers directly beyond the class hours to discuss their personal and academic problems.
- Dedicated proctorial hour in the time table to address beyond classroom issues.
- Tutorial/assignments are given to students regularly as a part of continuous evaluation system.
- Remedial classes for the needy/slow learners.
- Coaching for NET (UGC) is the part of the time table in every department.
- Study and guided tours by different departments/centres and central facilities.
- Extension activities by students in collaboration with local self help groups and NSS.

5.1.3 Does the University have any personal enhancement and development scheme such as career counselling, soft skill development, career path identification, and orientation to well being for its students? Give details of such scheme.

Yes, the University has the provision of Soft Skill, Computer Application and Personality Development as three Add-on courses in collaboration with NIRD&PR, Hyderabad. Apart from this the following are the highlights

- University is going to have for Complete Wi-Fi campus. It has received grants from the Department of Higher Education, Govt. of Odisha in this regard
- Well designed computer centre with internet facility

- Library as a source of Books, CDs, Print and Online journals add the academic and research atmosphere
- Separate Section in the library for e-content access
- Students participation is encouraged in seminars, workshops and conferences organized in various departments of the University
- The internships programmes, project dissertations, industrial/lab visit and field study also add to academic excellence
- Few departments publish placement brochures
- Seven MoUs have been signed for student/faculty recharge/exchange programme
- All India Central Zone Youth Festival was organized by the University from 25th Navember to 29th November, 2014 successfully in which students showed their skills at various competitions. Students of Berhampur University secured the Second Position in the Inaugural “Rally”, 3rd Prize in “Classical Dance”, 3rd Prize in “Rangoli” and 3rd Prize in “Skit”.
- A Talent search is organized every year to identify the talents and creativity of the students

5.1.4 Does the University provide assistance to students for obtaining educational loans from Banks and other financial institutions?

Yes, the Heads of the Departments and Chairman, Post Graduate Council extended their support to students for obtaining the educational loans from Banks and other financial institutions whenever required by the needy students for educational purposes.

5.1.5 Does the University publish its updated prospectus and handbook annually? If yes, what is the main issues/activities/information included/provided to students through documents? Is there any provision for online access?

Yes, the University publishes its Admission Form and Prospectus every year online with the following information for students

- Information regarding University
- Detailed information about various departments, courses offered, eligibility for admission to various courses, admission process, campus facilities, details of faculty and the fee structure
- Information regarding various add-on/career oriented courses apart from regular courses offered
- Scholarships available to students, rules of reservation, attendance and other facilities.
- Students have their online access to the SBI-collect to deposit various fees relating to admission and other payments in the University

5.1.6. Specify the type and number of University scholarships/free ships given to the students in last 05 years. Was the financial aid given to them on time? Give details in tabular form for the following categories (UG/PG/M.Phil./Ph.D./Diploma/others)

Sl. No	Year	Name of the Scholarship/ free ship	No. of Fellowships	Total amount
1	2010-2015	University Stipendiary Research Fellowship for Ph.D.	04 (New)	Rs. 2,07,935/-
2	2010-2015	University Stipendiary Research Fellowship (old continuing) for Ph. D	2010-11: 7 JRF + 1 SRF 2011-12: 3 JRF + 1 SRF	Rs. 3,77,200/-

Apart from the above there are a number of scholars working under the following scheme during 2010-15 and received the fellowship

- CSIR: 03
- UGC BSR-03
- UGC Post Doc: 01
- DST RJVS: 01
- ICMR: 05
- UGC (NET): 05

Some students were working in different projects of the University as mentioned below

Year	JRF	SRF	Project Fellow	Others	Total
2010-11	8	1	2	13	24
2011-12	7	1	2	11	21
2012-13	4	2	5	14	25
2013-14	5	1	4	9	19
2014-15	4	-	3	8	15

RGNF (UGC)/Inspire Fellow (DST) working during 2010-2015:

Year	RGNF	INSPIRE
2010-11	20	7
2011-12		11
2012-13		12
2013-14	15	14
2014-15	32	14

5.1.7. What percentages of students receive financial assistance from state government/ central government and other National agencies?

Sl. No	Academic year	Number of students receive financial assistance under Post Matric scholarship/Prerana for SC/ST/OBC/ SEBC students
1	2010-2011	147 students amounting Rs. 3, 93,300 from State
2	2011-2012	157 students amounting Rs. 32, 68,546 from State
3	2012-2013	279 students amounting Rs. 30, 71,297 from State
4	2013-2014	294 students amounting Rs. 46, 89,386 from State
5	2014-2015	430 students amounting Rs. 75, 06,225 from State

5.1.8. Does the University have an International student's cell to attract the foreign students and cater to their needs?

No, however the University receives International Scholars through exchange programme as part of the MoU signed with Overseas Universities.

5.1.9. What type of support and services available for?

Overseas students:

- Admission flexibility extended
- Hostel accommodation provided and also guidance is provided to students to seek accommodation outside

Physically Challenged:

- Ramps are available in some departments and office
- Wheel chairs are available to needy students
- Separate section available in the library for visually challenged with Braille documents
- The services of scribes are provided as per the rules
- Reservations quota in admission is in place

SC/ST/OBC and economically weaker sections:

- Fellowships and scholarships are distributed regularly
- Fee concession to SC/ST students
- Remedial classes taken as per the requirement
- Coaching classes are conducted for NET Examinations through UGC scheme
- SC-ST Cell

Students participating in various competitions/conferences in India and abroad:

- Travel support is provided to attend conferences
- Students are encouraged to approach various funding agencies for getting financial support to attend the conference abroad
- Alumni guidance and support are arranged
- Students Welfare Department provides support to students for participating in different level sports and cultural competitions
- University Students participate in Inter-College, Inter-University championships in various games and sports
- A total of 50 NSS Volunteers participated in a Workshop organized by NIRD &PR, Hyderabad

Health Centre, health Insurance etc

- The University Health Centre provides healthcare to students and campus dwellers
- In case of emergency, University ambulance service is provided to students for better health care at MKCG Medical College and Hospital

Skill Development (Spoken English, Computer literacy) etc.

- The University has signed a MoU with IIT, Mumbai for Spoken Tutorial Programme. Students receive training on Computer Software.
- The Spoken English, Personality Development and Computer Application courses are available to all the students of Post graduate programme as Add-on course in collaboration with the NIRD, Hyderabad.
- Computer labs with internet facility is available in every Department and Computer Centre of the university for the use of the students
- Steps have been initiated to have complete Wi-Fi campus of the University
- Proctorial system is in practice for one to one interactions with the students in every department
- University language labs has been established for the overall development of the students

Performance Enhancement for slow learners

- The University has several provisions like tutorials, remedial classes and improvement examinations for slow learners.

Exposure of students to other Institutions of higher learning/corporate/business houses etc.

- Students visit various institutes of higher learning, industrial establishments, corporate, business houses, laboratories, NGOs in connection with their project works
- Science students are encouraged to apply for Summer Research Fellowships to visits institutions to carry out research
- Seven MoUs have been signed to have students exchange programme
- Study tour, field trip and Industrial tour are encouraged as per the curriculum design

Publication of students' magazine

- University published students' magazine "Bhanjabihar" annually in which students are encouraged to publish their articles and experiences
- University published its own Research Journal
- Bulletin "Bhanja Bihar Reporter" is published annually by the J & MC department and released on every Foundation Day of the University
- Bhanja Bihar radio, the in-house activity of the J & MC department, is active in broadcasting news bulletin every day at 4.10 P.M.

5.1.10 Does the University provide guidance and/or conduct coaching classes for students appearing for Civil Services, Defence Services, NET/SLET and any other competitive Examinations, if yes what is the outcome? Yes

- The University organizes UGC sanctioned scheme for conduction of coaching classes for SC/ST, OBC and Minority candidates to appear for UGC-NET.
- The classes are taken by competent faculty members of various departments besides out exports
- University has its own affiliated Army AD college for the training of defence service candidates
- The outcome is summarized below in last 05 years for Post Graduate departments

Sl. No	Examination	No. of students qualified*
1	NET	143
2	GATE	08
3	State Public Service Commission	21 (OPSC, OJS)
4	UPSC	01 (IFS Topper)
5	Others	55 (Defence, JEST, MANF, RGNF, INSPIRE)

* Our students are mostly from marginalized communities from remote areas. Further the University is located in a remote area.

5.1.11 Mention the policies of the University for enhancing students participation in sports and extracurricular activities through strategies/schemes such as additional academic support and academic flexibility in examinations

- In admission process reservation rules are applicable for sports personnel by giving additional 10% to their qualifying examination marks, besides admission sports quota as provided by the University Admission Rules.
- TA/DA and uniforms are provided to sports persons participating in Inter-college/Inter-University tournaments.
- Re-examinations are conducted whenever needed.

- Department of Youth, Association of Indian Universities, New Delhi selected Berhampur University to host the All India Central Zone Youth Festivals.
- The University has a good play ground with Volley ball courts.
- The University Sport Council is well equipped with various gym instruments and indoor badminton courts it has a 21 station multi-gym for physical fitness.
- Each hostel is going to have an 11 station Multi-gym from RUSA funding.
- Inter-departmental, inter-collegiate and inter-University sports events are organized regularly by the University
- The prize winners are being felicitated in University foundation day

5.1.12 Does the University have an Institutionalized mechanism for students' placement? What are the services provided to help students identify job opportunities; prepare them for interview and develop entrepreneurship skills?

- The Career and Placement Assistance Cell, headed by a designated Placement Officer along with a team to facilitate placement of students both on and off campus.
- The university offers three value added add-on courses to cater to the needs of students in their professional fields
- The University has an University Employment Information and Guidance Bureau which gives timely updates regarding various vacancies for employment
- The Library and Computer Centre provide the information both on and off line regarding opportunities

5.1.13 Give the no. of students selected during campus interview by different employers (List the employers and the number of companies visited the campus during the last 05 years.

Year	No. of Students Placed		Companies
	On campus	Off campus	
2010-2011	12	-	TCS, TATA
2011-2012	37	23	
2012-2013	37	23	
2013-2014	06	03	
2014-2015	64	03	

5.1.15 Does the University have a registered Alumni association? If yes, what are the activities and contributions to the development of the University?

No, the university does not have a registered Alumni association, but many departments of the University have their own vibrant Alumni Associations with galaxy of Alumni who are contributing the overall developments of the respective departments both in academic, curricular development and in placements. Other departments who do not have their Alumni Associations have taken proactive initiatives to have their Alumni Association soon.

5.1.16 Does the University has a students' grievance redressal cell? Give details of the nature of grievance reported. How they are redressed?

Yes, the university has a student's grievance redressal cell.

The grievance redressal cell of the University is functioning successfully by giving attention to grievances of the students in person, through posts, phone or emails as and when required. The grievance redressal cell is also working in cooperation by the Anti Ragging Cell, Women Sexual Harassment Cell etc. In addition the grievances received by the Vice Chancellor from the students are forwarded to various departments/hostels for fruitful solution. Further most of the grievances by the students related to examinations matters are taken care by the Controller of Examinations in consultation with University administration.

5.1.17 Does the University promotes gender sensitive environments by conducting gender related programmes/establishing a cell and mechanism to deal with issues related to Sexual harassment? Give details

- The University has a dedicated UGC supported Centre namely Women Studies Research Centre (WSRC)
- The Centre organizes training programmes and workshops at various point of time to sensitize students on gender issues
- Women empowerment programmes are being carried out through WSRC as extension activity
- The University has a cell to deal with complaints relating to Sexual harassment of women at work and study place

5.1.18 Is there an anti-ragging committee? How many instances, if any, have been reported during the last 05 years and what action has been taken in these cases?

Yes. Proactive steps are being taken by the Anti-ragging Committee and the office of the Chairman, Post Graduate Council. Posters and banners are being displayed at various places by the Post Graduate Council to sensitize the students at the time of admission not to involve in any such activities. Further, regular hostel visits by the Superintendents and/or Warden P.G Hostel are being conducted to check such activities. So far no ragging incidence is reported in the University campus.

5.1.19 How does the University elicit the cooperation of all its stakeholders to ensure overall development of its students?

- The University cooperates with all the funding agencies to get Government scholarships and research fellowships in time
- Industrial collaboration and involvement of various stakeholders in curriculum development and modification
- The stakeholders are also involved as nominated members of various academic and administrative bodies such as Academic Council, Senate, Syndicate, IQAC etc

- Adjunct faculties and visiting Professors are invited regularly.
- Through extension activities students and staff members are involved in peripheral development activities in and around University campuses
- NIRD &PR in collaboration with Berhampur University supports the fishermen community in various aspects for their overall productivity and development enabling the students to develop community services.
- Various stake holders support students welfare, for example, NALCO has recently donated an Ambulance for the students of Berhampur University
- Various agencies and individuals are invited to give orientation to students on their future career planning
- Recently the University invited a Scholar to give exposure to various fellowships made available to Indian students in Australia. Similarly, Dr Andrea Hadenberg in her recent visit spoke about fellowships available to Indian students at Tubingen University.
- Dr Chintamani Das, DST Official visited the Science Departments to give information about different projects available in different fields.

5.1.20 Does the University ensures the participation of women students in intra- and inter institutional sports competitions and cultural activities? Provide details of sports and cultural activities where such efforts were made.

Women students are encouraged to participate in sports and cultural activities for exploring and nurturing their talents as mentioned below.

Sl. No.	Type of activity	Intra-Institutional					Inter-Institutional				
		10-11	11-12	12-13	13-14	14-15	10-11	11-12	12-13	13-14	14-15
1.	Sports	171	183	168	169	176	16	16	11	25	13
2.	Cultural					90					308

- Women students have participated actively in various events of Central Zone Youth Festival organized by Berhampur University. The 3rd Prize in Rangoli was awarded to Ms. Priyanka Das and in the team event like SKIT, Rally and Classical Dance, girls students have also shown their talents and secured 2nd position in Rally, and 3rd position in Classical Dance and Skit.
- Women students also participate in Inter-College badminton competition, Athletic Meet, Table Tennis and Kho-Kho team.
- Some of the women students have undertaken special training on Self Defence.
- The University will start this “Self Defence” and : “Yoga Training” programme for all the boarders of the ladies Hostels.

5.2 Students progression

5.2.1 What is the student strength of the University for the current academic year? Analyze the programme wise data and provide the trends for the last 5 years.

- Total no. of Post Graduate students admitted 2010-15:

Sl. No	Department	2010-11	2011-12	2012-13	2013-14	2014-15	Current Session
1	Botany	23	24	24	24	34	40
2	Business Administration	27	30	30	30	38	39
3	Chemistry	20	21	18	32	32	38
4	Commerce	32	33	30	43	44	50
5	Computer Science	26	30	30	30	35	25
6	Economics	33	32	32	32	29	38
7	Electronic Science	17	20	20	20	20	26
8	English	24	23	23	24	22	27
9	History	32	29	29	32	32	37
10	Home Science	14	11	11	20	16	20
11	IR&PM	36	36	36	36	36	41
12	J&MC	24	23	22	24	20	22
13	Law	23	24	24	24	23	20
14	Linguistics	8	4	4	6	4	7
15	Marine Science Marine Biology Oceanography	15	12	10	19	20	24
16	Mathematics	25	27	27	28	28	34
17	Odia	22	24	24	24	24	32
18	Physics	20	24	24	24	32	38
19	Political Science	32	32	32	32	32	38
20	Zoology	24	24	23	23	24	30
21	MFC Self Financing	30	24	24	19	22	-
22	M.Sc. Biotechnology	15	16	16	8	12	8
23	Pharmacy	41	14	16	9	11	21
25	M. Tech. (Comp. Sc.)	17	19	19	20	11	5
26	DRL	10	10	10	9	10	10
27	Geophysics	7	8	-	9	9	-
28	M.Tech.(EIS) Electronics	14	12	12	02	13	11
29	PGDBIM	6	8	-	6	7	7
30	DTIM	6	12	12	12	8	6
31	MSW	NA	NA	NA	20	12	7
	Total	623	606	582	641	660	701

- Total no. of M.Phil. students admitted during 2010-15:

Sl. No	Department	2010	2011	2012	2013	2014
1	Botany	10	8	6	12	9
2	Chemistry	4	4	8	8	8
3	Commerce	3	10	12	5	8
4	Economics	2	2	6	9	6
5	English	5	5	8	8	8
6	History	6	12	12	12	8
7	Home Science	10	1	4	7	6
8	Marine Science Marine Biology Oceanography	2	2	1	4	4
9	Mathematics	4	2	2	8	3
10	Odia	16	16	16	16	16
11	Physics	3	2	1	6	5
12	Political Science	12	9	9	7	11
13	Zoology	7	8	6	4	3
14	WSRC	4	8	8	6	8
	Total	88	89	99	112	103

5.2.2 What is the programme wise competition rate during the time span stipulated by the University?

The time span for competition rate for each programme is mentioned clearly in the curriculum in the way of additional attempts are allowed in case the students fail in regular examination.

5.2.3 What is the number and percentage of students who appeared/qualified in examinations like UGC-CSIT-NET, UGC-NET, SLET, ATE/CAT, GRE, TOFEL, GMAT, Central/State services, Defence, Civil services.

Details are given in point 5.1.11.

5.2.4 Provide detail categories-wise regarding the number of Ph.D./D.Sc/ D. Litt., thesis submitted/accepted/resubmitted/rejected in the last 05 years

Ph.D./D.Sc./ D. Litt thesis submitted/accepted/resubmitted/rejected in the last 05 years (2010-2015)					
Year	Total Ph. D Awarded	D. Sc awarded	D. Litt Award	Acceptance	Resubmission
2010-11	83	01	01	85	-
2011-12	132	04	02	138	-
2012-13	166	01	05	172	-
2013-14	133	03	03 + LLD- 01	140	-
2014-15	102	01	-	103	-

Year	Application received for Ph.D. registration	Application received for D.Sc registration	Application received for D. Litt. registration
2010	25	5 + 1 LLD	7
2011	19	11 + 2 LLD	5
2012	71	6	10
2013	112	3 + 1 LLD	9
2014	86	5	11

5.3 Students participation and activities

5.3.1 List the range of sports, cultural and extracurricular activities available to students. Furnish the programme calendar and provide details of students' participation.

- Sports Council is actively engaged in organizing various sports and games events round the year and provide the necessary platform for the overall development of the students.
- NSS: A total number of **11250** students, **225 units** and 110 colleges under Berhampur university jurisdiction are involved in various NSS activities at various point of time. The NSS volunteers generally work in the villages, slums and voluntary agencies as per the mandatory stipulation, the details of the programme are mentioned below from 2010 to 2015

Year	Activities Undertaken	Number of participants	Outcome of the activities
2010-11	Mahanadi River Expedition,	02	Enhanced skill in adventurous water games.
	Chilika Tracking Programme,	05	05 volunteers selected and one participated at New Delhi.
	Pre-R.D Selection Camp at Science College, Hinjilicut, Plantation.	75	Eco-friendly green environment
	Blood Donation, Environmental Education and Sustainable Development.	2000	943 unit blood collected to fulfil the demand of the needy
	RGNIYD, Sriperabudur (TN)	1700	149 awareness camp
	NSS State Award	6000	Become Master Trainer K C Behera, P.O, Singdhidevi Mahavidyalaya, Nandpur.
2011-12	Gyanalok	3M & 3 F	
	Blood Donation	01	
	Sanitation Awareness	3000	693 dropout child identified and were encouraged for further education
	Water Shed Management	2800	2393 unit of blood collected
	NSS	5284	78 camps
	National IG Award	3429	52 camps
	Indian Youth Delegation to China	04	04 received State Award.
	Pre -RD Camp at Delhi	01	Smt. Indira Priyadarsini Patnaik, Sunabeda Women's College, Sunabeda
	01	Sri B.Samal visited China K Ch Padhy, Science College, Hinjilicut	

2012-13	Pre RD Camp at Bhubaneswar	20	SP Nayak, Deenabandhu Mohanty, J.Rath & Miss A.Patnaik
	Mega Blood Donation Camp	3297	2640 Units blood collected
	Herbal Garden	03	03
	State Slogan Competition	01	01 (Second in the State)
	NSS State Award	01	Dr.S.P Nayak won the State Award
	Plantation	470	265 survived.
2013-14	Youth Exchange Programme	12	Gained experience of Gujrati culture
	Plantation	1200	600 survived
	Sanitation Awareness	4000	116 camps
	Blood Donation	4422	2368 units of blood collected
	Mega Health Camp	150	800 peoples treatment from 3 Panchayat
	SVEEP	5340	Masive campaign for more awareness
	RTI Awareness	3420	65 camps
	Odia Classical Language Celebration	200	1 camp
2014-15	Plantation	4080	1255 survived
	Sanitation Awareness	2248	83 camps
	Blood Donation	2250	1819 unit blood collected
	Cattle immunizations	800	70 cattle
	SVEEP	320	02 camps
	Consumer Awareness	2435	55 camps
	Swachha Bharat	8967	104 camps
	RTI Awareness	3885	17 camps
	NIRD&PR	547	50 volunteers & 10 P.Os trained at NIRD&PR, Hyderabad
	Self Defense Training	300	Developed Self Confidence
	Cash help to 06 orphan children	200	Rs.19000/- distributed to 06 orphan for higher study.
	Cash help to a cancer patients	2000	Rs.1.0 lakh cash help to a cancer patient for treatment by the volunteers of GIET, Gunupur.
Addiction free my University	200	1 camp	

Further the notable outcomes of the NSS are the following:

- Adoption of 10 model villages in collaboration with NSS volunteers for holistic development of the underdeveloped villages under NIRD & PR Project, Hyderabad
- Volunteers of GIET, Gunupur were applauded by the Govt. of Odisha for contributing the highest number of blood units in Odisha during 2014-15
- In the University campus; **3 NSS units** consisting of **150 students** who are engaged in various developmental activities like cleaning through Swachha Bharat Abhiyan, Plantation and organizing the Blood Donation Camps, polythene free awareness Campaign, Energy Conservation Awareness etc., in the campus.

- Students participate in various cultural activities organized by the Department and the University. Students participated in the All India Central Zone Youth Festival 2014.
- Students participate in Talent Search programme organized by the Students Union of Berhampur University.

5.3.2 Give details of the achievements of the students in co-curricular, extra-curricular and cultural activities at different levels: University/state/zonal/National/International etc during the last 05 years.

Year	Inter college	Inter University
2010	2133	159
2011	2289	153
2012	2647	199
2013	1864	161
2014	2647	199

Cultural			
Year	State level	Zonal level	National Level
2010-11	-	-	15
2011-12	-	-	02
2012-13	07	-	-
2013-14	-	-	02
2014-15	-	-	03

Awards and recognition in other activities for the students during 2010-2015

5.3.3 Does the University conduct special drives/campaigns for the students to promote heritage consciousness?

- The university conducts such programmes through NSS, **31 no** of camps have been conducted from 2010-2015. The camps basically conduct awareness programmes on the following thrust areas like, sanitation awareness, “Gyanalok-educational awareness, watershed management, AIDS, plantation programme, right to information, health hygiene, save the girl child, consumers’ awareness, herbal gardening, blood donation etc.
- The NSS unit of the University act as coordinating agency of all NSS units of the affiliated colleges
- A special centre known as South Odisha Cultural centre was established in the University campus with an aim to preserve the social and cultural heritage of the south Odisha with a number of rare and precious collections.
- The University has a museum at South Odisha Cultural Study Centre. Many artefacts of the Centre have been collected by students
- In one of the Affiliating institution COATS, there is a wonderful Tribal Museum

5.3.4 How does the University involve and encourages its students to publish materials like catalogue, wall magazine, college magazine and other materials? List major publications/materials brought out by the students during the last 05 years.

- Separate wall magazines are being published by different departments regularly
- Students are involved in designing the brochures and invitation materials for different occasions like welcoming fresher, farewell, teachers day, in their respective departments
- The university also has students representatives in editorial boards of students magazines, calendar
- Students of the Department of J & MC bring out “Bhanja Bihar Reporter”.
- Many departments have brought out their departmental magazines/bulletin with the support of the students.
- Students also prepare placement brochures in departments like Business Administration and IR & PM.

5.3.5 Does the University have students’ council or any other similar body? Give details on its constitution, activities and funding.

Yes, the University has a students’ council constituted as per the rules. Activities include discussing the students’ related problems, putting up the grievance of the students to appropriate authority, chalking out the plans for curricular, co curricular and extracurricular activities of the university and departments throughout the session. Students’ council also organizes and observes various functions and being funded by the students’ contributions at the time of admission.

5.3.6. Give details of the various academic and administrative bodies that have students’ representative on them. Also provide details of their activities.

- Editorial board of Students Magazine
- Grievance Redressal Cell
- Sports Council
- Cultural Committee
- University Students Council
- Discipline Committee
- Senate
- Departmental Students Representative to University
- IQAC

Any other information regarding Students support and progression which the University would like to include:

Students’ welfare schemes in academics like NET/SLET coaching for Scheduled Caste/Scheduled Tribe/OBC students, professional assistance like Soft skill development, Placement and Career Assistance Cell, student and scholar exchange programme through signing MOU with Organizations/Universities, Extra and Co-curricular activities through Sports and Cultural programmes, self defence training programme for women students, make a complete value oriented holistic education for students.

CRITERION - VI
GOVERNANCE, LEADERSHIP AND MANAGEMENT

CRITERION VI: GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 Institutional Vision and Leadership

6.1.1 State the vision and the mission of the University.

Vision

The University seeks to take long strides in harnessing the outcome of teaching and research in various fields by way of ensuring inclusive growth and thereby prove itself to be a center of excellence in the domain of higher education.

It further envisions the total upliftment of the weaker section of people of the region by providing quality education in consonance with the motto of the University, i.e. *Tamaso ma Jyotirgamaya* which means.

Mission

- Promote inclusive growth so as to cater to the educational needs of the underprivileged people of Southern Odisha, while striving for excellence in scholarship at par with national and international standards.
- Achieve innovation in teaching, learning and research to realize goals of higher education.
- Empower students with relevant knowledge, competence and creativity to face future challenges.
- Create modern teaching ambience for quality academics by providing necessary infrastructure and support to teachers, students and employees.
- Generate awareness of human rights, value systems, culture, heritage, scientific temper and environment.
- Preserve the intangible cultural heritage of the region through documentation
- Inculcate the students with an academic rigor which will inspire them to realize their full potential and contribute to the development of the society

Embarking upon a comprehensive package of need-based innovative reforms, the University surges ahead with a holistic mission and vision to deliver the best - catering to the social needs of underprivileged masses of the tribal dominated region and prepare them for fulfilling those needs in the 21st century.

6.1.2 Does the mission statement define the institution's distinctive characteristics in terms of addressing the needs of the society, the students it seeks to serve, the institution's tradition and value orientations, its vision for the future, etc.?

Yes, the mission statement defines the University's distinctive characteristics in terms of addressing the needs of the society. The University's mission is to provide quality education by innovating and continuously improving upon the disciplines. It seeks to serve the students by nurturing institutions which disseminate wholesome knowledge.

The University's mission is to impart education in all areas of scholarship and to advance knowledge. The social and ethical values are imparted along with technical education that promote expertise. Students are groomed by the advanced methods of training and meaningful research.

6.1.3 How is the leadership involved? In ensuring the organization's management system development, implementation and continuous improvement?

The Vice-Chancellor is the Chief Executive of the Institution. He is assisted by the Registrar for general administration. The Controller of Examinations (COE) looks after all examination matters related to the students, and the Comptroller of Finance (COF) manages the finance. The Chairman, PG Council, and the Heads of the different PG Departments look after all the academic and administrative matters related to the Postgraduate Departments.

The Senate, Syndicate and Academic Council are the Statutory Bodies of the University. Other bodies like Board of Studies (BOS), Subject Research Committee (SRC) etc. have been constituted to address issues of academic and administrative significance, contributing to the development as well as smooth-functioning of the University.

As the Chairperson of these bodies, the Vice-Chancellor ensures smooth functioning of the University in terms of development of the management system, implementation of policies framed from time to time, and sustained improvement. In addition to this as Chairperson of the Board of Studies conducting and Board of Examiners, the Head of the Department plays a pivotal role in curriculum development and evaluation. This process ensures involvement of leadership at all levels, as per the statutory provisions of the University.

➤ In interacting with its stakeholders?

The University leadership interacts with all the stakeholders, viz. the students, parents, alumni, faculty, support staff, industry, and the community. Interaction with the students begins at the time of admission and continues up to placement. In fact, the relationship continues even after the students leave the University through alumni associations. The students enjoy easy access to all the members of faculty including the Head of the Department. The students, faculty, and non-teaching staff can meet the Vice Chancellor on prior appointment to discuss any academic/administrative matter or put further their grievances for redressal. The teaching/office staff interacts with the parents during admission or whenever the parents seek counselling.

➤ In reinforcing a culture of excellence?

The University has taken initiatives for promoting research culture which is carried out in a phased manner under which all participants from the University Departments and affiliated colleges discuss their research proposals in various interdisciplinary areas before submitting those to different funding agencies

➤ In identifying organizational needs and striving to fulfil them?

In view of the above, the faculty and the administrative authorities identify the needs of the University through various meetings and delegations. The authorities strive to fulfil the needs of the University. The short-term and long-term proposals are designed detailing the infrastructural and financial supports required.

6.1.4 Were any of the top leadership positions of the University vacant for more than a year? If so, state the reasons.

The top level positions like Librarian of the R.P.Padhi Central library is vacant for more than one year. The State Government has recently allowed the University to fill up the post and concrete steps have been taken in that direction.

6.1.5 Does the University ensure that all positions in its various statutory bodies are filled and meetings conducted regularly?

Yes, all positions in its various statutory bodies are filled up as and when those fall vacant and meetings are convened on a regular basis. The Academic Council meets at least once in every academic year. The Senate meets at least once in an academic year preferably in the month of August. In the Senate meeting, the annual report, the annual accounts and the audit report of the University are presented for approval.

. 6.1.6 Does the University promote a culture of participative management? If yes, indicate the levels of participative management.

Yes, the University promotes a culture of participative management. There are different bodies/ boards to manage different activities of the University. The highest decision-making body is the Syndicate. It connate of sections like senior Professors, Chancellor's Nominee, State Government's Nominee, Commissioner of Higher Education, Principals of Colleges, etc. The Vice-Chancellor is the chairperson of the Syndicate.

6.1.7 Give details of the academic and administrative leadership provided by the University to its affiliated colleges and the support and encouragement given to them to become autonomous.

The University encourages autonomous status to its affiliated colleges. As and when a college meets the criteria as laid down by the UGC, it applies for autonomous status to the UGC through the University.

6.1.8 Have any provisions been incorporated / introduced in the University Act and Statutes to provide for conferment of degrees by autonomous colleges?

No

6.1.9 How does the University groom leadership at various levels? Give details.

The University grooms leadership at various levels in terms official positions held such as the following:

- Chairman, PG Council
- Heads of the Departments
- Director of different Centres
- Deans of different Faculties
- Warden and Superintendents, PG Hostels
- Officers of different Administrative Sections/Examination Sections of the University
- Principals of the affiliated colleges.

The University delegates academic and/or administrative powers to them and the Vice Chancellor regularly conducts review meetings to discuss important academic, administrative and developmental matters. The University regularly organizes meetings with Principals of the affiliated colleges to apprise them of academic plans, reforms in examination system, and developmental schemes of UGC. As a result, an effective internal coordination monitoring system is in place to ensure overall development of the University.

At student level

In every academic session, student representatives are elected for the posts of office-bearers to the Students' Union such as, President, Vice-President, Secretary and Assistant-Secretary, apart from one Secretary and one Assistant Secretary each to the Athletic Association and Dramatic Association. That apart, each class elects representatives to the Student Union, Athletic Association and Dramatic Association. The elected office bearers resolve many of their problems through discussion and negotiation with the University Administration.

At faculty level

- The faculty members are encouraged to attend various leadership developing training programmes.
- At the Departmental level, staff members are entrusted with different responsibilities related to conduct of examinations, management of Library, seminar etc. which helps entrance their leadership skills.
- The University has developed the mechanism by which the leadership potential of the faculty members is subjected to test.
- The constitution of different committees with the faculty members as Chairperson or members in the University has resulted in grooming the faculty as leaders, helping them achieve the goals of shared responsibility.
- Many faculty members organize national and international conference and workshop.
- Faculty members are entrusted with different leadership positions like Warden, Superintendent, Assistant Superintendent of P. G. Hostel, NSS Officers, Placement Cell Officers, members of Students' Grievances Cell etc. to nurture leadership quality at various levels.

It is a matter of great pride to mention here that as many as thirteen faculty members of Berhampur University have been appointed as the Vice-Chancellor in various State/ Central/ National Universities as detailed below:

- Professor Madhab Chandra Das, Sambalpur University, Burla
- Professor Sukadev Nanda, Fakir Mohan University, Balasore
- Professor Hari Hara Patnaik, Berhampur University, Berhampur
- Professor Surjya Narayan Behera, Berhampur University, Berhampur
- Professor U.C. Biswal, Sambalpur University, Burla
- Professor Amiya Kumar Pattanayak, Utkal University of Culture, Bhubaneswar
- Professor Jaya Krushna Baral, Berhampur University, Berhampur
- Professor Bijaya Kumar Sahu, Berhampur University, Berhampur
- Professor Jayanta Kumar Mohapatra, Berhampur University, Berhampur
- Professor Prasanta Kumar Sahu, Utkal University, Bhubaneswar
- Professor S.P. Adhikary, Fakir Mohan University, Balasore
- Professor Bhavani Prasad Panda, Maharashtra National Law University, Mumbai
- Professor Sachidananda Mohanty, Central University of Odisha, Koraput

6.1.10 Has the University evolved a knowledge management strategy? If yes, give details.

The knowledge management strategies of the University are evolved through academic bodies like Staff Council, PG Council, SRC, Academic Council, BOS, IQAC etc. Some of such strategies are:

- Dissemination of knowledge acquired through minor and major research projects.
- Arrangement of Books, journals, news papers, e-journals, CD & video, Ph. D theses for easy access of students, scholars and faculty.
- ICT enabled teaching-learning process.
- Well furnished Computer Laboratory with Internet connectivity.
- Choice Based Credit System.
- Signing of MoUs with National / International Universities / Institutes / Industries.
- Organisation of National / International Seminars / Conferences / Workshops. (including student seminar)
- Publication by Scholars and faculty.

6.1.11 How the following values are reflected the functioning of the University? Contributing to national development:

- The University is located in the Southern Part of Odisha covering the tribal belt. It is very much concerned about and engaged in the development of the people living in this underdeveloped area. The students of this region are mostly from SC/ST and OBC/SEBC background.
 - The University makes an attempt to enhance the Gross Enrolment Ratio (GER) of the students of this region. The University plays the role of a catalyst fostering the growth and exposure of the students coming from this geographically disadvantaged region.
 - National values are being inculcated in the students through the platforms like the NSS and other national bodies.
 - The participation of the students in different development and research programmes enriches their sensibility. The Arts Departments are working as a bridge to link the unknown cultures of this region with the pan-Indian modern society.
- **Fostering global competencies among students:**
 - The university promotes holistic education through personal development skills.
 - Students are prepared to face challenges and competition at higher levels.
 - Periodic updating of the curriculum helps the students to cope with the upcoming challenges of the society.
 - The University has signed MoUs with globally known Universities;
 - There is exchange of students and faculty among many Departments of the University.

- **Contribution to National Development.**

- Inculcating a sound value system among students.
- Adequate emphasis is being given to the students in imbibing ethical values leading to personality development as well as character building
- The University organizes Yoga classes, NSS activities for inculcating a sound value system among the students.
- The organization of All India Central Zone Youth Festival by Berhampur University was an attempt for promoting communal harmony and national integration.

- **Promoting the use of Technology.**

The University promotes the use of technology in various academic, administrative and cultural activities. All Science Departments use high technology for laboratory and field research. The University has already taken initiatives to go Wi-Fi. The University is a member of UGC-INFLIBNET for promoting quality research. The University website holds a mirror to the use of high technology.

- **Quest for Excellence:**

The quest for excellence is a part of the vision and mission the University. The teachers are motivated to publish papers in peer-reviewed impact factor journals. They are encouraged to participate in national and international seminars/conference/workshops. The University has signed MoU with various national and international institutions as given below:

- I. The Faculty of Social Sciences at Berhampur University and the Institute of Asian and Oriental Studies at the University of Tübingen, Germany have signed MoU to expand the parameters of mutual growth, and cooperative educational exchange with include joint research projects, exchange of students and faculty, exchange of academic information and materials and organization of joint academic events/activities such as courses, conferences, seminars, symposia and lectures. The MoU has been signed on 26.11.2013 and is valid for five years from the date of signing.
- II. NIRD & PR, Hyderabad and Berhampur University work together as partners, for jointly taking up projects on rural development, tribal development with special reference to particularly vulnerable tribal groups, women empowerment, working of the Panchayati Raj system, livelihood-promotion of fishers, innovative and inclusive education, and addressing issues pertaining to sustainable development, capacity building and skill development of key stakeholders, documentation of best practices, promotion of innovation, up-gradation, transfer and dissemination of rural technologies. The MoU was initially signed on 17.08.2013 for one year and has been renewed for two more years by mutual agreement.
- III. The MoU with Aarhus University, Denmark was signed on 10.09.2014 and is valid for five years. It was signed to collaborate in areas of mutual interest such as exchange of students, exchange of faculty and research staff, establish and promote joint research projects and, organize and participate in joint academic activities such as conferences and seminars.
- IV. The MoU was signed with University of Groningen, the Netherlands during September, 2015 to expand the basis for friendship and co-operative educational exchange which include joint research projects, exchange of students and faculty, exchange of academic

information and materials, and to organize and participate in joint academic activities such as courses, conferences, seminars, symposia and lectures.

- V The MoU was signed with Abomey-Calavi University, Republic of Benin on 9th June, 2015 for development of mutual co-operation and exchange in all areas of mutual academic interest.
- VI The MoU was signed with WALSH College, Michigan, USA on 6th April, 2015 for development of co-operation and exchange in all areas of mutual academic interest.
- VII Berhampur University signed MoU with IIT, Bombay, Mumbai on 19th August, 2015 for collaborating in research projects in all areas of mutual academic interest.

6.2 Strategy Development and Deployment

6.2.1 Does the University have a perspective plan for development? If yes, what aspects are considered in the development of policies and strategies?

Yes, The University has a prospective plan integrated into the vision which outlines the development in all the aspects given above. This document articulates the planning process of the University at every level. The commitment, goals and strategies set forth in the plan indicate the direction the University will take in order to maintain quality in all aspects. A 20-year-prospective-plan of the University was shared with World Bank, when its representative Dr. Kurt Larsen and his team visited the university on 6th May, 2014. The same has also been shared with the Department of Higher Education, Govt. of Odisha.

Few goals are identified in this document:

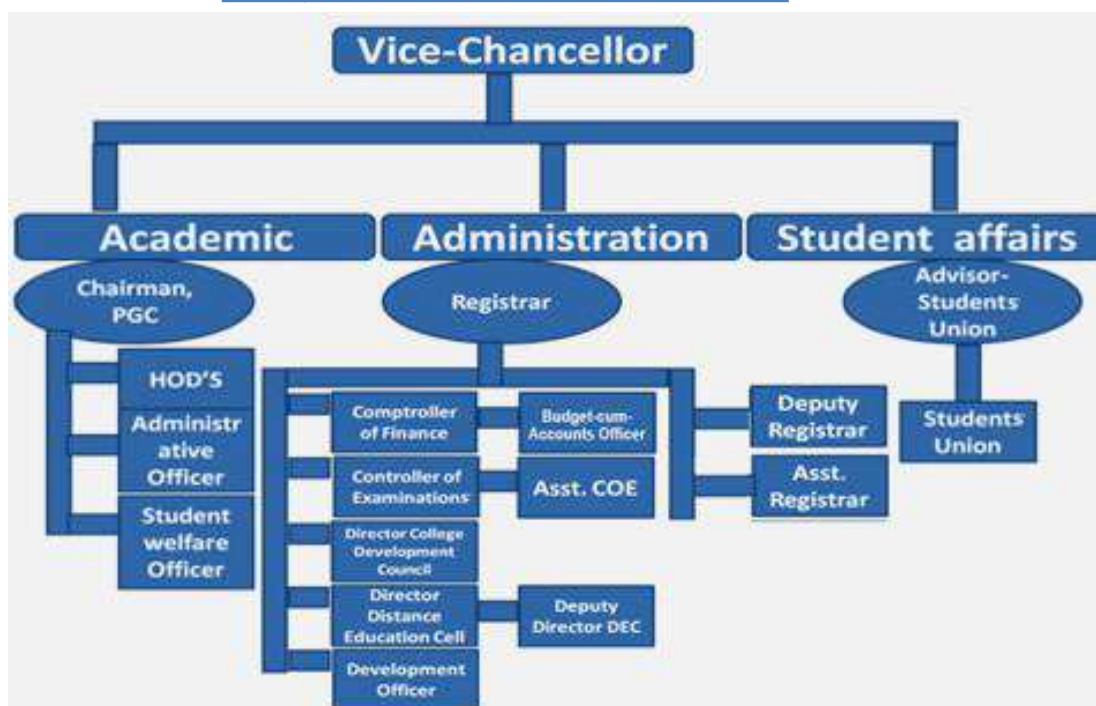
- Developing the institution at par with international standard
- Quality teaching and learning
- Quality research of national and international standard
- Collaborations and MoU
- Initiation for establishment of satellite campus
- Knowledge transfer through distance education
- Effective and transparent administration
- Establish community-University linkages for the mutual benefit of the University and the local communities

The vision and mission of the University provides guidelines for strategic development. Different strategies are developed by the University to provide the benefits of higher education to the people of South Odisha, especially in relation to their socio-economic growth and to preserve and enrich their culture. The plans are developed to enlighten the students who believe in lifelong learning and teachers who believe in proper synthesis of teaching and research. Student-centric teaching-learning process in present scenario in the University leads to student friendly environment in the entire campus. In research and development, the University has earned recognition for high quality research. Special schemes have been introduced for research and development in the area of community engagement activities in association with NIRD& PR, which illustrates the University's concern for the development of underprivileged communities of South Odisha.

621. Describe the University's internal organizational structure and decision making processes and their effectiveness.

- The Vice Chancellor carries out academic administration and management through well established statutory and non-statutory bodies. The main bodies used for policy making are the following:
 - a. Syndicate
 - b. Academic Council
 - c. Senate
 - d. Finance Committee
 - e. College Development Council
 - f. Board of Examiners
 - g. Purchase Committee
 - h. Board of Studies
 - i. Library Committee
 - j. Various academic and administrative committees like Board of Residence, Grievance Rederassal Committee, etc.

Organizational Structure of University



6.2.2. Does the University have a formal policy to ensure quality? How is it designed, driven, deployed and reviewed?

Yes, the University has a formal policy to ensure quality which is focused, deployed and reviewed:

- a. Internal Quality Assurance Cell

- b. Internal Academic Audits
- c. External Academic audits done annually

The University follows the UGC norms while recruiting faculty.

6.2.3. Does the University encourage its academic Departments to function independently and autonomously and how does it ensure accountability?

Yes, all the activities of the University are based on autonomy and accountability. Decentralization is practiced in conjunction with accountability. The job descriptions and constructive dialogues with Vice-Chancellor ensure accountability in true sense. The Heads of almost all the Postgraduate Departments and Centers have the control over the admission of students into the courses and conduct the examinations of their courses in consultation with Chairman, P.G. Council and Controller of Examinations.

6.2.4. During the last four years, have there been any instances of court cases filed by and against the institute? What were the critical issues and verdicts of the courts on these issues?

The University has a Legal Cell under the supervision of Administrative Branch.

The details of cases are:

Sl. No	Year	Case status				Total
		Disposed	Pending	Pending admitted	Pending pre admission	
01	2010	07	12	01	-	20
02	2011	07	43	01	-	51
03	2012	-	24	-	-	24
04	2013	06	29	-	-	35
05	2014	07	21	-	-	28
06	2015	08	22	-	-	30

Most of the cases are related to regularisation of DWW, pensionary benefits, promotion, seniority, etc.

6.2.5. How does the University ensure that grievances / complaints are promptly attended to and resolved effectively? Is there a mechanism to analyse the nature of grievances for promoting better stakeholder relationship?

There is an effective grievance redressal mechanism at multiple levels to redress the grievances of the stakeholders including students, faculty members, and public. The University community enjoys complete freedom to ventilate their grievances. The following grievance-redressal mechanism is in vogue in the University:

University level grievance redressal committees:

1. General Grievance Redressal Cell
2. Student's Grievance Redressal Committee
3. Anti-Ragging Committee

4. Complaint Committee on Sexual Harassment of women at work place
5. Grievance Redressal Mechanism of Examination Matters

Grievances settled by Gender Sensitisation Committee against Sexual Harassment

Sr. No.	Years	No. of cases Registered	No. of Cases finalized
01	2013	01	01
02	2014	03	02 (Resolved), 01(dropped)
03	2015	-	-

All statutory officers including Vice-Chancellor, Chairman, P.G. Council, and Directors prefer to directly speak to the students/teachers by way of addressing their grievances instead of using the traditional/formal methods. The grievance redressal cell also supports the initiatives of the anti-ragging cell/ committee. All grievances are promptly looked into and solutions are arrived at at the earliest. As a result, a pleasant and conducive work culture is sustained in the campus.

6.2.6. Does the University have a mechanism for analyzing student feedback on institutional performance? If yes, what was the institutional response?

Yes, this is typically done by the course evaluation carried by the students at the end of the course. The Chairman, P.G. Council undertakes feedback analysis, and accordingly, valuable inputs are communicated to various Departments, faculty, BOS, library, hostels, etc. for further action. Every student is free to meet the Chairman, PGC and even the Vice Chancellor. The Chairman discusses with the concerned Heads and teachers about their problems and resolve the same. Students may also submit their problems or suggestions in writing through the 'suggestion box' placed in the departments. The Staff Council of the department makes content analysis of the received suggestions and tries to bring in reforms.

6.2.7. Does the University conduct performance audit of the various Departments?

Yes, performance audits (academic audit and performance appraisal of faculties) of Departments and centers are carried out periodically. The audits of the various projects like DRDO, DST, D B T , UGC, CSIR, Ministry of Earth Science etc. are also carried out. Academic performance benchmarking is also performed by external experts.

6.2.8. What mechanisms have been evolved by the University to identify the developmental needs of its affiliated institutions?

There is an inbuilt mechanism in the University system which provides scope for representation of colleges in all the statutory bodies. The affiliated colleges of the University have the benefit of advisory guidance from the university administration. Further, the colleges get the benefits of guidance from the institutional governing body comprising faculty, University nominee, etc. Periodically, academic audit and Principals' meet are arranged. Colleges also participate in BoS, Academic Council, and Senate.

6.2.9. Does the University have a vibrant College Development Council (CDC) / Board of College and University Development (BCUD)? If yes, detail its structure, functions and achievements.

Yes, the University has a College Development Council headed by a Director, appointed by the Vice-Chancellor. It coordinates the activities between the Colleges and the U.G.C. and monitors the implementation of the UGC-funded schemes and projects in the colleges. The Council takes steps for promotion, coordination and raising the standard of education in

colleges. There are 147 colleges including 46 professional colleges and 06 autonomous colleges under the jurisdiction of the University.

The CDC conducts the following activities:

- Enable teachers at University and College level by creating opportunities to undertake research and facilitate funding for research.
- Bring in transparency and efficiency in day to day administrative affairs concerned with colleges / institutes / Principals / Teachers and Students
- Establish liaison with nationally and internationally reputed educational organizations
- Implement recommendations of University Grants Commission (UGC) for introduction of Choice Based Credit System (CBCS) etc.
- Promote Distance Education
- Undertake research in frontline areas

Important achievements are noticed in the areas of:

- Organizing Faculty Meetings
- Affiliation, Recognition, Continuation, Renewal of Affiliation
- Preparation of Prospective Plan
- Research funding to college and University teachers
- Quality Improvement Programme
- Preparation of Annual Report of University
- Monitoring Grants for Teachers attending National/International Conference

6.3. Faculty Empowerment Strategies:

6.3.1 What efforts have been made to enhance the professional development of teaching and non-teaching staff?

Teaching Staff:

- There is regular participation of faculty members in orientation and refresher courses.
- MOUs have been signed with different national institutes and overseas Universities for faculty exchange programmes.
- Faculty members avail travel grants for attending seminars and conferences in India and abroad for their academic progress.

Non-Teaching Staff:

- Training courses for non-teaching staff are being organised from time to time.
- They undergo training courses on Accounting Code, New Pension Scheme and RTI Act.
- Different value-education classes are being organized for stress relaxation.

6.3.2 What is the outcome of the review of various appraisal methods used by the University? List the important decisions.

- Self appraisal report by faculty members, reviewed by the Heads and other concerned authority
- Students' feedback.

[The basic intention behind every appraisal conducted by University is quality assurance]

Category	Parameters appraised	Mode of appraisal	Decisions based on appraisal
Faculty	Teaching, research and extension	Self appraisal as per UGC regulations and IQAC	<ul style="list-style-type: none"> • Promotions • Call for explanation in case of negative remarks

6.3.3 What are the welfare schemes available for teaching and non teaching staff?

What percentage of staff have benefitted from these schemes in the last four years? Give details.

Sl. No	Schemes	No of staff benefitted
01	Employees Welfare Fund	All
02	Medical Allowance	All
03	Rehabilitation Scheme	31
04	GPF/ CPF, Group insurance	All

6.3.4 What are the measures taken by the University for attracting and retaining eminent faculty?

- A healthy and faculty-friendly academic environment is maintained for attracting and retaining eminent faculty.
- Advertisements for recruitment of faculty members are widely publicized in order to invite the best available talent.
- The University gets eminent faculty through the MOU with reputed national and overseas institutes.
- Implementation of visiting faculty scheme is in place to forge innovative ideas in curriculum, teaching and research implementation.

6.3.5 Has the University conducted a gender audit during the last four years? If yes, mention a few salient findings.

- As per GER, The number/percentage of girl students is higher than boys in a majority of the PG Departments
- The pass percentage of girl students is higher than boys in a majority of the PG Departments

6.3.6 Does the University conduct any gender sensitization programs for its faculty?

Yes. The University has a Women's Study Research Centre and a Committee against Sexual Harassment. Many gender-sensitization programmes have been conducted in the form of seminars, symposia, workshops, and lectures by eminent scholars/woman activists. The Women's Study Research Centre also conducts an M.Phil course on the issues related to gender.

6.3.7 What is the impact of the University's Academic Staff College Programmes in enhancing the competencies of the University faculty?

The University does not have an Academic Staff College. But, the faculty members are being encouraged to participate in the programmes of Academic Staff Colleges of other universities. Of late, the University has received a grant of Rs 3 crore for the establishment of a Human Resource Development Centre in the campus. The project is likely to be completed within 4 months.

6.4. Financial Management and Resource Mobilization**6.4.1 What is the institutional mechanism available to monitor the effective and efficient use of financial resources?**

There is an effective and efficient mechanism available in the University for monitoring the income and expenditures of different heads of accounts. A Finance Officer is deputed to the University being designated as Comptroller of Finance from the State Government to monitor/supervise all the financial transactions of the University. He is the head of the hierarchy and a University-appointed Budget-cum-Accounts Officer along with other functionaries of four finance sections (Bill Section, Cash Section, PF Section and Pension Section) work under him to carry out financial activities in different branches.

The Internal Audit System is in place. All the accounts are audited by the certified Chartered Accountants. All proposals for purchase are to be approved by the Purchase Committee after obtaining financial concurrence and administrative approval from the Vice Chancellor/Syndicate.

At the beginning of the session, the Annual Budget for a given financial year is prepared and placed before the Finance Committee for its approval. External Audit by Local Fund Audit, A.G Audit and audit by C.A.G are also in practice by way of ensuring propriety in all financial transaction. Audit objections are complied with from time to time.

6.4.2 Does the University have a mechanism for internal and external audit? Give details.

YES.

Internal Audit is conducted by the Internal Auditor appointed by the University before finalizing the payment for any expenditure.

External Audit is conducted by the Local Fund Audit, Government of Odisha and Accountant General, AG office, Odisha (in special case)

6.4.3. Are the Institutions accounts audited regularly? Have there been any major audit objections, if so, how are they addressed?

YES. No major audit objections were raised by the Audit. The objections raised by the L.F.A. and A.G. Audit have been complied and most of them have been dropped.

6.4.4 Provide the audited income and expenditure statement of academic and administrative activities of the last five years. (In Rs. Lakhs)

**ANNUAL RECEIPT AND EXPENDITURE OF BERHAMPUR UNIVERSITY
FROM THE FINANCIAL YEAR 2009-10 TO 2014-15**

(In Rs. Lakhs)

SL. NO.	BU	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15
1.	O.B	3226.43	3250.10	4165.02	4825.57	5639.49	Audit yet to be done
2.	Actual Receipt	4074.49	5857.58	5563.22	6093.76	7802.95	
3.	Total Receipt	7300.92	9107.68	9728.24	10919.33	13442.44	
4.	Actual Expenditure	4050.82	4942.66	4902.67	5279.84	6466.94	
5.	Balance	3250.10	4165.02	4825.57	5639.49	6975.50	

6.4.5 Narrate the efforts taken by the University for Resource Mobilisation.

Financial resources are mobilized through following basic sources;

Mobilization of resources is the most important activity of the University. The University has taken many steps to generate resources through Research Projects, SAP, UGC-Plan grants, Distance Mode of Education, State Government Grants, self financing courses etc. The following are the main sources of mobilization of funds:

- UGC MHRD Plan and Non-Plan activities
- National funding agency like the UGC, CSIR, ICSSR, DST, DOE etc.
- Grants from the State Government
(Dept of Higher Education, Dept of Youth and Sports)
- External funding for the Projects
- Internal Resource Generation (Admission, Examinations, Affiliation and DEC)
- Proposal submitted to World Bank.

RESOURCES MOBILISATION BY UNIVERSITY

Sl. No.	SOURCE	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15
1.	UGC Plan & Non-Plan	162.06	259.56	452.56	273.09	593.09	Audit yet to be done
2.	State Government	3484.09	4162.93	3512.00	3608.08	3863.66	
3.	Project funding	53.45	89.37	78.87	81.38	88.64	
4.	Own source	349.84	430.60	849.26	1202.29	1170.15	
5.	Endowment funds	0.18	0.20	9.63	--	1.40	
6.	Development Grants from State Govt.	1.20	--	0.35	115.00	750.00	

6.4.6 Is there any provision for the University to create a corpus fund? If yes, give details?

Yes. Recently, a sum of Rs. Five Crore has been added to the "Foundation Fund".

6.5 Internal Quality Assurance System

6.5.1 Does the University conduct performance audit of the various Departments?

Yes. The academic audit was conducted in August, 2015. Every year the faculty members are asked to submit individual PAR (Performance Appraisal Report) which is evaluated by the University authority. This exercise helps the University to improve the quality of teaching and learning on a continuous basis. Some of the comments and feedback of the teachers regarding the problems faced by them are seriously considered and further suggestions of the teachers are also taken into account. The audit system has improved the teaching quality and the performance of the faculty members. The overall performance of the students in their examinations is satisfactory. This is a testimony to the effective and innovating teaching methodology used by the faculty.

Teaching and Learning:

Berhampur University has adopted the CBCS (Choice Based Credit System) pattern since the current academic session 2015-16. The syllabi of various Departments were finalised after rigorous meetings with the academic auditors, subject experts and professionals in the concern discipline. As a number of experiments in selective laboratory courses had become obsolete, they were replaced by certain new and state of art experiments/topics pertaining to the present day Industry requirements. The auditors have strongly recommended to the HoDs to do the needful by revamping the curriculum, as and when required. The Auditors urged upon the faculty members of various Departments to prepare Research Projects (Minor/Major) and apply to funding agencies. The auditors also stressed the need to motivate more and more teachers to undertake quality research and inspired them to write scientific articles, organise seminars/ conferences and workshops.

Many departments in the University are already engaged in such research projects. The University has always encouraged the young teachers to participate in Orientation Programmes and Refresher Courses. The Students' feedback on the quality-assessment of the faculty and the Department has become an essential component in the teaching-learning process. The Academic auditors had strongly recommended the practice.

Evaluation:

The Auditors have strongly recommended that questions papers for various examinations should be made in such a way that they examine the concept of the subject instead of giving them direct questions. Attempt should be made to activate the critical thinking of the students.

In the case of papers involving practical evaluation, adequate practical classes should be incorporated for such papers and evaluation should be carried out on the basis of practical assignments and hands on experience with the equipment/apparatus/software or other such skills as applicable.

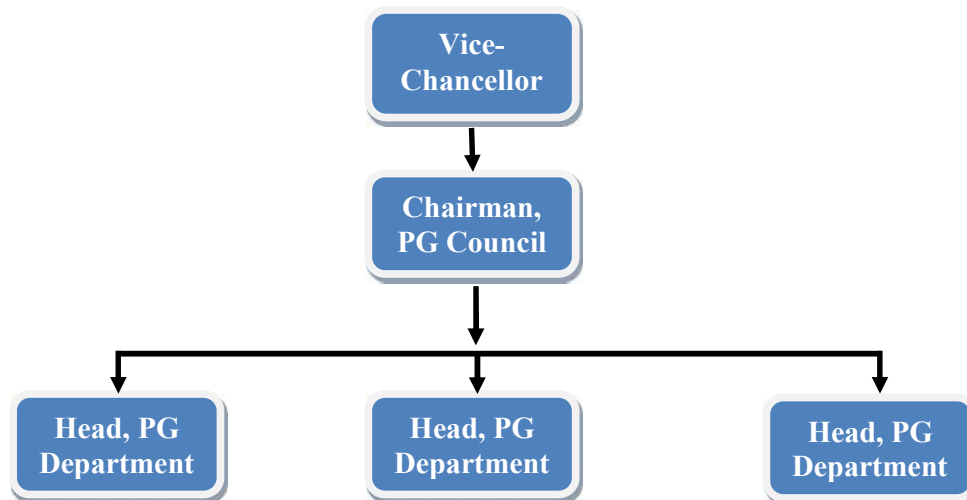
6.5.2 Based on the recommendations of the academic audit, what specific measures have been taken by the University to improve teaching, learning and evaluation?

The following specific measures have been taken by the University to improve teaching, learning and evaluation based on the recommendations made by the academic auditors:

- Funds have been sanctioned by the University authority to renovate and repair the Science laboratories. The University is also acquiring computers for all the Departments to add to the existing number of computers possessed by each Department. The old equipments will be replaced by new equipments.
- The University has already adopted the CBCS (Choice Based Credit System) from the current academic session. All the Departments have successfully introduced the Syllabi with the approval of the Academic Council of the University.
- The University has expressed interest for NAAC Re-Accreditation in 2016 and LOI has already been submitted.
- Many Minor/Major Research project proposals have been submitted by the faculty members to UGC and other funding agencies.
- In view of the recommendations made by the Academic Auditors, all the Departments of the University have taken steps to reassess and reform evaluation pattern.

6.5.3 Is there a Central body of the University to continuously review the teaching learning process? Give details of its structure, methodologies of operations and outcome?

Yes, The Post Graduate Council of the University acts as a central body of the University to continuously review the teaching-learning process. The Chairman, PGC, is consulted by all the Heads of the Departments on issues related to this.. It is through the cooperation of all the Heads and other faculty member that the Chairman continuously reviews teaching learning process.



6.5.4 How has IQAC contributed to institutionalizing quality assurance strategies and processes?

The Chairman, Post Graduate Council of the University and Heads of the Departments together formulate plans to achieve higher standards in the teaching and learning process and lay emphasis on the weaker areas for improvement of overall performance. The IQAC have recommended to recognize the merit of the Faculty members by felicitating them with Best Teacher and Best Researcher awards to motivate them to excel in teaching and research.

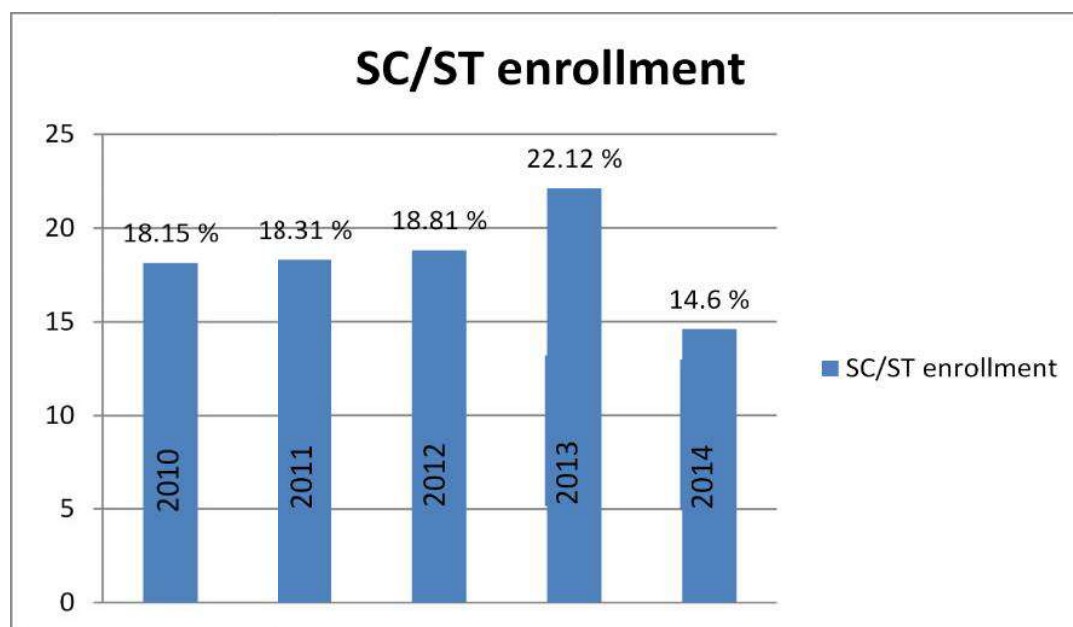
6.5.6 Does the IQAC conducted have external members on its committees? Is so, mention any significant contribution made by such members?

Yes, Prof. Siba Prasad Adhikary, Vice Chancellor of Fakir Mohan University is a member of the External Academic Audit. Following are the significant suggestions made by Prof. S.P. Adhikary as an outcome of discussion meetings:

- BOS (Board of Studies) should be given due importance
- Young faculty members be encouraged to get R&D and consultancy projects.
- Professional ethics should be given top priority.
- Bio-cultural diversity of the region should be focused in research.
- Annual Report and Annual Account should be made up to date.
- Obsolete items in each Department should be cleared and proposals be moved through the Registrar.
- Invite some distinguished Alumni at the time of NAAC Re-accreditation.
- List of distinguished alumni (other than faculty members) be prepared and contact be established with them.

6.5.7 Has the IQAC conducted any study on the incremental academic growth of students from disadvantaged sections of society?

Yes, According to one of the studies conducted by the IQAC, it was found that the total enrolment percentage of SC/ST has increased over the years since 2010, even though it was noticed that in 2014 the enrolment percentage had decreased. Further, similar studies have been conducted to ascertain the success rate of these students whereby it was found that the students have high success rate in both male and female categories.



6.5.8 What policies are in place for the periodic review of administrative and academic Departments, subject areas, research centres, etc.?

To periodically review the academic and other Research activities, the University has statutory bodies and committees like Syndicate, Academic Council, Post Graduate Council, Board of Studies and SRC (Subject Research Committees). The Departmental Staff Council formulates reforms in the teaching learning process in the department and ensures participatory learning. The establishment section headed by the senior statutory officer reviews the manpower needs in the administrative departments and periodically allocates and reallocates work structures, duties and responsibilities to various employees and the sections. The Vice Chancellor of the University reviews the work of different sections and the departments. The review is conducted on the following:

1. Placements (Expected Target: ALL)
2. Faculty
3. Teaching / Learning / Career Counselling
4. MoUs / Agreements
5. External Funded Projects
6. No. of Papers / Books / Patents
7. No. of Papers in Conferences / Invited or Key note Lecture / Resource Person in Workshop
8. Consultancy / Testing
9. Industry / Research Interaction
10. Research
11. Research Ph.D./ M.Phil. / Faculty Exchange
12. Interdisciplinary Research / Projects
13. Editorial Board / Steering Committee
14. Awards / Recognitions

Any other information regarding Governance, Leadership and Management which the University would like to include.

- A Vice Chancellors' conclave of all State Universities was organized in the month of January 2015 to finalize CBCS at the UG level.
- Various preparatory meetings for NAAC Re-accreditation with external members were conducted.
- The Vice Chancellor of this University visited more than 48 colleges affiliated to the University during his current tenure. This has helped strengthen the interface between the University and Colleges. This is a healthy practice.

- The Vice Chancellors of various Central and State Universities visited the Campus and made several relevant suggestions for achieving academic and administrative excellence.
- The College Development Council organizes Principals' conferences on regular basis to discuss the academic & administrative problems of colleges and suggest remedial measures.
- Following the devastating tropical cyclone 'Phailin' which had hit the University campus on 12th October 2013, a high level team was sent by the State Government to take stock of the situation in response to the request of the Vice-Chancellor. Further, the Hon'ble Chancellor along with the Minister of Higher Education and other dignitaries visited the campus and reviewed the situation. They provided all sorts of help and assistance for reviving and rejuvenating the University life.

CRITERION - VII
INNOVATIONS AND BEST PRACTICES

CRITERION VII: INNOVATIONS AND BEST PRACTICES**Introduction**

Berhampur University is located in a serene sylvan environment near the sea in the coast of Bay of Bengal. In its quest for excellence, the institution seeks sustained innovation in its academic programmes as well as administration. Since its inception, in the year 1967, Berhampur University has grown by leaps and bounds in terms of its innovations and best practices in the interest of all its stakeholders despite the ravages of successive natural disasters. The healthy and innovative practices of the University are defined as “institutionalization of innovative self-regulated responsibilities which aim to promote academic growth of international quality in the University system and to promote quality of life of the stake holders”.

7.1 Environment Consciousness**7.1.1 Does the University conduct a green audit of the campus?**

An eco-friendly campus is one of the aspirations of the University, and attempts are being made to achieve the same through regular green audit programmes.

7.1.2. What are the initiatives taken by the university to make the campus eco-friendly?

- a) **Energy Conservation:** The University takes cognizance of the current burning issue of energy conservation. The following activities have been initiated to ensure the best use of available energy:
- The classrooms, administrative cabins, labs and libraries have been designed with sufficient natural ventilation facility with the means of adequate passage of sunlight, which warrants the minimum use of electrical equipments.
 - The use of Compact Fluorescent Light (CFL) bulbs, Light Emitting Diode (LED) and less energy consuming electric equipments are in place.
 - LCD monitors are used to operate the computers in all the departments, which result in minimum consumption of electricity.
- b) **Plantation:** After the lush green campus of Berhampur University witnessed wide-spread devastation caused by cyclone *Phailin* on October 12, 2013, priority has been given to restoration of greenery in the campus through extensive plantation. The plantation drive was inaugurated by the Hon'ble Governor of Odisha, the Chancellor of Berhampur University. Under the auspices of the NSS Units of the University, steps were taken for planting a large number of trees (3000 plants) in and around the campus in collaboration with the Department of Forest, Government of Odisha. At present, the campus is surrounded by a large number of green plants of various kinds which ensures carbon neutrality. One Herbal Garden containing 108 herbal plants has been developed in the campus which is maintained by the Forest Department, Government of Odisha and the NSS units of the postgraduate Departments.

c) **Water Management:**

- Water tank and water pipe leakages in the Departments and Hostels are frequently checked to prevent wastage of water.
- In all the Departments and Hostels, awareness is created among the students for judicious and rational use of water resources.

d) **Hazardous Waste Management:** The hazardous chemical wastes generated particularly from science departments are collected periodically and buried in an isolated place far away from the departments. Steps have been taken to create awareness against careless disposal of hazardous wastes, polythene, plastics etc.

e) **E-Waste Management:** The University administration has nominated a centralized team to look after the obsolete items from the University campus, colleges and supervise their proper disposal. The **e-waste** generated from different departments, centres and offices are collected periodically and are disposed through open tender as per rule.

f) **Effort for carbon neutrality:**

- There is a proposal from the green audit committee to make the campus vehicle-free for one day every month to reduce burning of fossil fuels.
- There is a proposal from green audit committee to make the Campus smoke-free.
- Restrictions have been imposed in the use of air conditioners with a view to reducing the greenhouse gases
- Proposal to plant more trees is in the pipe line with the help of the Department of Forest, Government of Odisha.

7.2 Innovations

7.2.1. Give details of innovations introduced during the last four years which have created Positive impact on the functioning of the university

During the last four years, several programmes and practices have been adopted which have rejuvenated the vibrant education system. Following are some major innovations:

- The University has increased the number of seats in the PG Departments, and has correspondingly registered a significant increase in students' enrolment in its P.G. Departments, different rural affiliated colleges and the Distance Education stream.
- The policies of the University have brought the underprivileged and marginalized sections of tribal dominated Southern Odisha into the educational mainstream.
- The commitment of the University to excellence is evident in the increase in the number of research publications with high impact parameter and increased placement rates.

A. University Library System

- The main library of the Berhampur University (R.P. Padhi Library) is centrally located in the Campus, having an excellent collection of books and journals in addition to Computer- based information services.
- Some of the P.G. departments in the University have their own seminar library with very good collections.
- Besides maintaining a collection of print materials, the University Library system also maintains a collection of e-resources, subscribing to 11,650 e-journals under UGC's INFLIBNET programme.

B. ICT Facilities

- The University Web Centre monitors the **ICT** facility.
- Most of the academic buildings have seminar halls equipped with LCD projectors for conduct of conferences or seminar lectures. In most of the departments, one lecture hall is provided with LCD facility.
- The curriculum of most of the P. G. departments includes seminar lectures by the students with the use of **ICT** facility.

C. Hostel Facilities

- Accommodation is provided to needy and deserving Postgraduate, M. Phil and Ph.D. students in the hostels maintained by University:
- There are 12 hostels including six ladies' hostels.
- Each hostel is provided with modern amenities like television, computer, gym, etc.

D. Women' Studies Research Centre

- The Centre for Women's Studies concentrates on the issues pertaining to women. Apart from gender-sensitization programmes, Seminars/Workshops are conducted regularly at WSRC of this University.
- On the eighth March every year, the Centre organizes International Women' s Day and motivates the women students to face challenges faced by women in general in their day-to-day life.

E. Placement Cell

- The Placement Cell organizes job fairs and conducts interviews, facilitating proper placement of the students.
- In the last five years, a number of students have been placed in different corporate organizations in various capacities depending on their qualifications and experience.
- The companies which conducted placements include TCS, Jindal, Vedanta, Bhusan, etc.

F. SC/ST Cell

- The SC/ST cell has been established with a view to strengthening the administrative machinery for planning, evaluation and monitoring of the policies of the Government of India in the field of higher education as well as the programmes of the University Grants Commission with the objective to improve the living conditions of Scheduled Castes and Scheduled Tribes candidates.
- The cell takes care of the guidelines issued by the University Grants Commission from time to time, based on the policies of the Government of India and Government of Odisha with regard to the following:
 - Reservation of seats for SC/STs in respect of admission in Colleges,
 - Accommodation in the hostels
 - Appointments to the teaching and non-teaching posts.
- This cell also takes care of the fellowships and other incentives to the SC/STs students.
- The cell also conducts remedial coaching and adopts other measures with a view to ensuring that the education system succeeds in bringing the SC/STs to a level quantitatively at par with the rest of the society.

G. National Service Scheme (NSS)

- The NSS Units of the University organize regular and special camps related to health and hygiene, literacy, environment, personality development, etc.
- These camps are usually held in the campus of affiliated colleges or in the adopted villages. The camps involve student volunteers in various youth-related seminars, workshops and training programmes.
- The NSS Units also depute volunteers to various Inter-State Camps and National Integration Camps.

H. Women Sexual Harassment Redressal Cell

- Women Sexual Harassment and Redressal cell is constituted with a Chairman, two members, and a convener.
- This cell examines the representation submitted for redressal of grievances related to sexual harassment of students and teaching/non-teaching staff in the campus.

I. Anti-Ragging Committee

- A full-fledged anti-ragging and monitoring committee is constituted with Chairman, P.G. Council, Warden, P.G. Hostels and other senior faculty members.
- The Committee conducts and coordinates the anti-ragging activities in the campus and hostels.
- The Committee conducts surprise visits in the nights and maintains the hostels free from ragging.

J. Cultural Festivals

The University has successfully hosted the Central Zone Youth Festival during 2014. Around 500 participants from different Indian Universities participated in the festival. This mega pageant covered different facets of dramatic arts and fine arts such as dance, drama, music, painting and other allied arts and performances.

K. Memoranda of Understanding

To develop relationships for mutual benefit, the University has so far signed total of seven MOUs and established linkages with a number of organizations of National and International repute. They include Research Institutions, Foreign Universities, Government Organizations and Non-Government Organizations.

L. Feedback

Feedback from students on faculty performance, usefulness of the curriculum, infrastructure, administration and other support services have been taken into consideration in order to identify service failures and deficiencies and to take appropriate corrective and preventive measures subsequently. Feedback is also taken from employees, parents, retired teachers, supporting staff and alumni of the University.

M. Nomination of Non-Teaching Staff and Students to Academic Council and Senate.

In order to make room for all the stakeholders of the University in policy making bodies, the University nominated Non-Teaching Staffs and students to the Academic Council (the Apex Academic Body of the University) and Senate.

N. Curriculum Reforms

- Curriculum reform workshops for implementing CBCS under UG and PG courses and value addition through add on courses were conducted in the campus which were attended by Vice Chancellors of all the State Universities of Odisha, and the Director (Vocational), Higher education, Govt. of Odisha.
- The University has organized a brain storming session involving the Principals of affiliated colleges in collaboration with the Department of Higher Education, Government of Odisha, to work out the modalities of introduction of CBCS courses.

O. Launching of New Website and Social Networking

In order to meet the demands of time and ensure dissemination of information quickly to the Students/faculty and employees, the institution has launched its 2nd website in www.buodisha.edu.in.

P. Organization of National/International conferences

A number of National/International conferences/symposia have been organized by various departments of the University which were attended by Scientists and Academicians of International repute both from India and abroad.

7.3 Best Practices

Some of the best practices followed by Berhampur University are as follows:

1. Berhampur University Research Forum and Research Cell are in existence. Research Scholars and Students are constantly motivated to excel in terms of their quality of research as well as achievements. The University has instituted “Best Research scholar Awards” for Ph.D. students and “Gold medal Award” for the toppers in each branch which are distributed during the Celebration of Foundation day and Convocation respectively.
2. Research is supposed to be the key to the development of any Nation in general and an educational institution in particular. Our University has adopted a strategy to improve the quality of research by forming a Research Cell in the University by way of encouraging the participation in research activities.
3. The University is promoting interdisciplinary research which is the need of the hour.
4. Our University has adopted 10 villages as a part of Corporate Social Responsibility to increase the socio-economic status of the people of nearby villages. The poor fishermen of the villages have been provided auto rickshaws by the NSS units with help of NIRD&PR, Hyderabad.
5. The University conducts interaction between the academia and industries which is very essential for enhancing the quality of teaching and learning and placement of the students. The University has signed MOU with two National and seven International Institutes.
6. There is a provision of Suggestion Box in each department (meant for the students.) The box is opened regularly to address their complaints. The innovative suggestions are accepted for discussion and implementation in the interest of the development of the University.
7. During the last two years, the University has witnessed two successive natural disasters namely cyclone Phailin and cyclone Hud-hud. In the case of cyclone Phailin, the members of Bhanja Bihar family took it up as a challenge and worked hard collectively to restore normalcy within 42 days, with the help of the State Government and District Administration.
8. Timely publication of results of UG, PG and Professional courses. The results are declared within 45 days after the last examination, simultaneously results are uploaded to the university website
9. In most of the P.G Departments, Alumni Associations are active, organizing annual meetings with current batch of students to motivate them for their future. In some Departments, the Alumni Association awards Gold medals every year to the toppers as an incentive.
10. Apart from interdisciplinary seminars, student seminars are conducted regularly every week-end by most of the Departments of the University. In some departments, a Souvenir is released on the Annual day of the department, containing abstracts of all the seminar talks.
11. The University observes Superannuation Day on the last day of every month to felicitate the employees who retire from their service after making significant contribution to the University.

12. A sense of responsibility has been evoked among the students, teaching and non-teaching staff of the University through active participation in the *Swachh Bharat Abhiyan*, a mass movement for cleanliness.
13. Due to the criteria of quality and relevance, our University has been included in the World Bank Funding and Development Plan. During 2014, the World Bank Team had visited the University Campus.
14. Special classes are arranged to prepare the students including the SC/ST students for UGC-NET for and Add-on Courses.
15. Our University realizes that greater coverage and quality education at all levels from basic literacy to hi-tech Science and Technology are essential for raising the quality of life. Hence, the University has identified the areas of potential risks and bottlenecks and their possible solutions in order to ensure mobilization of efforts in a focused manner as a part of its 20 years' prospective plan.
16. The Talent Search programme identifies and assists students, from disadvantaged backgrounds, who have the potential to succeed in higher education. Our University organized a pan-Indian talent search involving our PG students during the year 2014.
17. Fresher's induction is absolutely vital for an educational institution. Ideal induction of the fresher helps them to settle down quickly, and engages them in a productive role, contributing to the overall development of the institution. Our University conducts fresher's induction programme at the University level as well as the departmental level every year, which helps them understand the basics such as the institution's mission, goals, philosophy, and of course, the job they are required to do.
18. The South Odisha Cultural Study Centre (SOCSC) was established under the special assistance project (SAP) of the Department of Odia for promoting the traditional folk art of south Odisha. The centre collects and preserves palm-leaf materials linked to folk dance, music, art and tribal culture of South Odisha. The centre has a museum with around 2,000 palm-leaf and other manuscripts, besides tribal art and musical instruments of different folk and tribal dances of south Odisha. There is a well-equipped studio with audio-visual facilities.
19. Self-defence training is the best solution to the problem of self-defence every girl/woman so that they can move in the society fearlessly and can protect themselves. There is a need to empower today's woman with all those techniques which will boost her confidence as regards her strength and security. Our University imparts self-defence training to the girl students on a regular basis.
20. The University has taken several steps as a part of the Examination reforms including formulation of the examination calendar, timely publication of results, redesigning of the format of the certificate to make it more authentic, introduction of methodology for plagiarism test etc. The Ph. D candidate and the concerned supervisor have to give written testimony to the effect that no plagiarism has been done in the Dissertation submitted.
21. On-Line Admission at Post Graduate level to make the admission procedure smooth, hassle free and transparent.
22. The Vice Chancellor has visited 48 affiliated colleges within the span of two years to develop closer ties between the University and the colleges.

23. The Right-to-Information Cell has become very active since 2010. More than one thousand applications have been received under RTI and 72% of the applications have been disposed off.
24. The timely issue of final certificates to all UG and PG level pass outs with six security level to check any type of fraud is done.

7.3.1. Give details of any two best practices which have contributed in better academic and administrative functioning of the University

Best Practice I

CRISIS MANAGEMENT SYSTEM

Collective and proactive efforts to face challenges during crisis situation, such as, Natural Disasters.

Context - A very severe cyclonic storm (VSCS), Phailin, struck Berhampur University at around 11.00 p.m. on October 12, 2013. The cyclone had landfall south of Gopalpur and the University Campus was within the eye-wall of the cyclone and hence was severely damaged due to wind blowing more than 220 km/h. This was followed by torrential downpours, which resulted in floods. Phailin and the following floods had affected more than 13.2 million people, leaving five districts of Odisha reeling under water, and causing wide-spread damage to houses, schools, crops and the fishing industry. The fury of the cyclone Phailin had severely disrupted power supply and water supply. A large number of trees were uprooted and many boundary walls were damaged. Almost all the department buildings were severely damaged and the teaching-learning process came to a halt.

Objectives - The primary objective of the University was to bring back normalcy in the University campus, particularly to restore the essential services such as power and water supply, and to resume the academic activities at the earliest.

Practice - The practice has the following two distinct parts (a) Pre-disaster Mitigation Measures and (b) Post-Disaster Measures.

(a) Processes before Disaster

- After getting information from the television, radio and State Government agencies regarding the approach of Phailin towards Gopalpur, a preparatory meeting was held on the 11th October 2013 under the Chairmanship of the Vice-Chancellor, Berhampur University.
- Durga Puja holidays were cancelled and all the Teaching and Non-teaching staff of Berhampur University were called back to the campus.
- All concerned were instructed to seal their rooms and unplug their electrical connections and electronic devices.
- Heads of the Departments were instructed to hand over the keys of their class rooms to the campus supervisor for temporary accommodation of the villagers evacuated from the nearby cyclone-prone villages.
- All the campus dwellers were advised to remain fully alert during the passage of cyclone over Berhampur University campus.

(b) Process after Disaster

- On the day following the cyclone, the Vice-Chancellor, the Registrar, Officers and teachers along with other emergency staff visited the University campus and took stock of the situation.
- An emergency committee was formed under the leadership of the Vice-Chancellor to provide essential commodities to the campus dwellers. Door to door supply of water was made through water tankers. Kerosene, candles, dry food etc. were also distributed.
- The Vice-Chancellor contacted senior officers like the Revenue Divisional Commissioner (Southern Division), the District Collector, the Superintendent of Police, Superintendent Engineer of Electricity Department (Southco), District Forest Officer etc. and requested them to take urgent steps for restoration of normalcy to the campus.
- The Vice-Chancellor informed the Government of Odisha regarding the precarious condition of the University after Phailin.
- The Government of Odisha was kind enough to sanction Rs. 3 crore immediately and directed the State Administration to take up the renovation work on a war-footing basis.
- On every alternate day, review meetings were held and necessary steps were taken to ensure speedy recovery.
- Some of the review meetings were also attended by the Hon'ble Minister of Higher Education, Government of Odisha and other officials of the State Government.

Evidence of Success

Due to the untiring efforts on the part of the Vice-Chancellor and his team of officers, faculty, supporting staff, students and Government officials, normalcy was gradually restored in the campus in a record time. The highlights are as follows:

- The roads to individual departments were cleared within 03-05 days.
- Temporary supply of electricity and water was arranged to the campus dwellers within a week.
- Water and electricity supply was restored in the entire campus within a record time of 21 days, and soon after, the Departments, Administrative Block and Hostels were opened for normal activities.
- Repair and renovation work of most of the damaged buildings were over within four months with the help of the Government of Odisha.
- About 3000 saplings have been planted by Department of Forest and Environment, Government of Odisha in collaboration with NSS units of Berhampur University in order to restore the greenery in the campus. The plantation drive was inaugurated by Hon'ble Governor of Odisha, the Chancellor of Berhampur University.

The disaster management during the cyclone and post-cyclone restorations that was achieved in record time is a testimony to Berhampur University's culture of 'Team Work' and 'Self Motivated' workforce who cooperate with one another and work in tandem towards constructive operations. Thereby, Berhampur University stands out exemplary.

Best Practice II

EXTENSION EDUCATION AND COMMUNITY SERVICES

Berhampur University is committed to community development through its NSS volunteers in various affiliated colleges. Our volunteers under the guidance of programme officers work towards the development of the local communities relentlessly by offering free services. The University has a total number of 11, 250 NSS volunteers (225 Units).

Objectives

- Educate local communities in the areas of health, education and environmental issues
- Encourage village cleanliness through participatory method under *Swatcha Bharat Abhijan*
- Help the poor and disadvantaged people in income generating activities
- Promote community services for the empowerment of local communities
- Extend the support and technical help to women self-help groups for their greater financial inclusion
- Enable community members through capacity building and leadership development programmes
- Promote awareness among community members for environment protection and sustainable alternative livelihood
- Promote communal harmony through mass awakening programmes

Practice

- Regular interaction with communities by NSS Volunteers and Programme Officers
- Village Adoption Scheme
- Baseline survey on socio-economic conditions of the adopted villages
- Conduct of Grama Sabhas and Participatory Rural Appraisal (PRA) for the Villages
- Organisation of meetings, street plays, rallies, campaigns for protection of environment and awareness of various welfare programmes like JandhanYojana, Pulse Polio, Health Card, Old Age Pension, etc.

Process

- Deliver services to some of the most disadvantaged individuals and families of local communities.
- Enable or assist vulnerable people to participate fully in social and economic life and build stronger, more sustainable inclusive communities.
- Community services' main focus is on supporting vulnerable families and keeping children, women and young people safe from abuse and neglect.
- Work closely with some government departments, non-government organisations (NGOs) and the community to achieve this goal.
- NSS volunteers are engaged to focus on community outreach and care. They focus on providing care, support and counselling to individuals and families.
- The duties of NSS volunteers involve arranging community gatherings and helping villagers who need care and counseling.
- An important role of a community worker is to provide emotional support to villagers.
- Volunteers are made to learn to develop strong communication skills and be social since they frequently interact with local communities. Additionally, they are given orientation to work under difficult circumstances.
- Signing of MoU with National Institute of Rural Development and Panchayat Raj (NIRD & PR), Hyderabad for collaboration

Activities

- Village Adoption
- *Shrama Dan* (Donation of labour by our volunteers)
- Swach Bharth Abhiyan
- Rajiv Khel Abhijan Yatra
- Organisation of Voter Awareness Campaigns
- Organisation of street plays on HIV-AIDS
- Conduct of baseline survey in our adopted villages
- Organisation of rallies and campaigns on Health and Sanitation
- Developing Action Research projects in collaboration with NIRD&PR and NFDB, Hyderabad.

- Financial inclusion through Action Research Project includes:
 - Supply of Fish transport Vehicles to 50 Women Self Help Groups at Gopalpur-on-Sea fully funded by the NFDB, Hyderabad
 - Supply of four Fish transport Vehicles to four Cluster women Self Help Groups with 50% funded by the NFDB, Hyderabad
 - Supply of 100 Solar lanterns for 50 country-made boat sailors to reduce the Hazards during fish catch during night times
 - Supply of Sewing Machines costing Rs 40,000/- to the SHGs in Gopalpur.
- Conduct of Grama Sabhas and Participatory Rural Appraisal (PRA) for Nolia (Fisher) community at Sai Nagar Gopalpur-on-Sea.
- Conduct of capacity building programmes for SHGs.
- Visit of 50 NSS Volunteers and 10 NSS Programme Officers of Berhampur University to NIRD&PR, Hyderabad for attending a 2-day workshop on village adoption scheme.
- Organization of expose visit and training to NIRD&PR Hyderabad for 50 women SHG along with their spouses on Rural Technology Programmes for 4 days.
- Organization of 4-day exposure visit and training for eight youth of SHG from our adopted village Antarbattia to NIRD&PR, Hyderabad, for receiving orientation on Rural Technology Programmes.
- Mega Plantation Programme on the campus in collaboration with Department of Forest and Environment, Govt. of Odisha
- Cleaning of Sea Beach at Gopalpur by students of Social Work of Berhampur University
- Setting up a Training Facility Centre for Sewing for the benefit of SHG women groups. With financial support of NIRD&PR, Hyderabad Sewing Machines costing Rs 40,000/- have been provided to the SHG groups.
- Regular appraisal of Community needs and conduct of programmes accordingly
- Through NSS Bureau Berhampur University many activities are being taken up.

Outcomes

- **Volunteering provides valuable community services:** As NSS volunteers, our students could support families, youth and women benefits to the local communities
- **Reduction of stress:** Experts report that when you focus on someone other than yourself, it interrupts usual tension-producing patterns. Thus our volunteers could manage to reduce their own stress by engaging in NSS activities
- **It saves resources:** By donating labour (*Shram Dan*), we could utilize our resources and save a lot of labour cost

- **Volunteers gain professional experience:** The volunteers coming from diverse backgrounds get an opportunity to come together and work towards some common goals. It helps them to build camaraderie and teamwork.
- **It promotes personal growth and self-esteem:** Understanding community needs helps foster empathy and self-efficacy.
- **Volunteers learn a lot:** They learn things like:
 - **Self:** Volunteers discover hidden talents that may change one's view on one's self-worth.
 - **Organisational skill:** Working with local non-profit agencies, volunteers learn about organisational skills
 - **Community:** Volunteers gain knowledge of local resources available to solve community needs.
 - **Volunteering encourages civic responsibility:** Volunteers learn this from their exposure and experience. They develop a feeling that community service and volunteerism are an investment in local communities and the people who live in it.
 - **Volunteer can make a difference:** Collective efforts can bring a transformation in the local communities. Every person counts.

Percentage of Success

Calculating percentage of success in any community service is an extremely difficult task. Admittedly, Berhampur University has not conducted any survey to calculate the success rate of its extension activities. However, we are convinced that our community services have wider impact. Those activities have gained momentum in the past three years. Berhampur University and National Institute of Rural Development and Panchayati Raj (NIRD&PR), Hyderabad have successfully adopted ten villages for the development in youth employment, community training in rural technology. Berhampur University and the National fisheries Development Board (NFDB), Hyderabad joint projects are also highly successful. Our regular NSS activities through NSS volunteers are our stories of success.

Problems Encountered

- Initial entry barriers to villages
- Community mobilization
- Identification of the needy and beneficiaries
- Paucity of funds
- Project implementation with the help of village level stakeholders
- Motivating the community stakeholders for sustenance of the programmes

Final Remarks

Community service is a great and effective way to help the local community. There are all sorts of opportunities and ways to serve. Serving and giving your time towards community service is a commendable endeavour. Sometimes it is not enough to simply serve. The ones serving need to be able to take something away from the experience and be able to use any new found knowledge or interpersonal discoveries to improve their future servitude and the people around them. However, in order to gain the most out of community service, there should be an element of learning balanced with the serving aspect. By service to all simultaneously, one can improve their community and surroundings while learning life lessons and building character in ways that will help the volunteers to further impact the world in the future.

Community Service-Learning is “about leadership development and skill acquisition”. Volunteers learn how to be effective and, more importantly, how to be effective in what is important to them. It improves their overall experience and the amount of application opportunities will gain from it. By adding service to learning, and balancing the two, community service can become more than just a simple act of serving. It takes small steps to create big change and this is what service-learning hopes to achieve. By being a classroom, a hands-on learning experience, and an opportunity to change the community, students are able not only to serve, but impact themselves as well. Berhampur University considers extension education and community service as its best practice.

PHOTO PLATES



Plate – 1: Mega Health Camp inaugurated by our Vice Chancellor



Plate – 2: Beneficiaries of Solar Lanterns funded by NIRD & PR, Hyderabad (Action Research Project)



Plate – 3: Interaction Meeting between Berhampur University and NIRD & PR, Hyderabad on Adoption of Villages



Plate – 4: Flag off by our Vice Chancellor at Rajiv Khel Abhijan Scheme



Plate – 5: Swachh Bharat Abhiyan Rally – Beach Cleaning at Gopalpur-on-sea



Plate – 6: Participatory Rural appraisal (PRA) at Adopted village in Antarabatia, near the University campus



Plate – 7: Inauguration of Skill Development Centre by our Vice Chancellor at Gopalpur-on-Sea (Action Research Project)



Plate – 8: Supply of Three-wheelers to SHGs for Fish Transport funded by NFDB, Hyderabad (Action Research Project)



Plate – 9: Handing over of four wheeler (Bolero) keys to SHG beneficiaries by Hon'ble Chief Minister in the presence of the District Collector and Vice-Chancellor



Plate – 10: Supply of Bolero Wheelers to SHGs for Fish Transport funded by NFDB, Hyderabad (Action Research Project)

SWOC ANALYSIS OF THE UNIVERSITY

The University has several strengths as well as opportunities. At the same time, there are many weaknesses that need to be addressed to enable the University to march ahead and compete with the ever-expanding academic opportunities. Therefore, the University takes the SWOC analysis as a strategic planning tool to make informed decisions based upon collective input from multiple sources. It tries to discuss and clearly identify the strengths, weaknesses, opportunities and challenges related to the seven criteria identified by NAAC for assessment. The objective of conducting a SWOC analysis has been to develop key areas of focus for improvement. To make it more effective, collaborative group settings, consisting of members of each criterion did the SWOC analysis.

Methodology

The SWOC analysis of the University under various NAAC criteria followed the method outlined below. Seven small teams (less than ten members each) were formed to look into the seven criteria. Each teams prepared the SWOC for their respective criterion, following three steps.

STEP 1: Generating Ideas

- The members were apprised of the World Bank SWOT Analysis on higher education in Odisha (Appendix-I)
- Each participant member individually reflected on all quadrants of the SWOC based on the collected information. This helped in equal participation. Each member summarized his/her observations to few-key points irrespective of overlap with other members ideas.

STEP 2: Prioritization

- The main points were clubbed into key themes. Overlapping points were noted as important.
- The members discussed and summarized the top three to five themes.
- Further clarification and discussion of these key themes were made among the members.

STEP 3: Moving Forward

- Open discussions were made based on the following questions:
 - Which strengths can be leveraged? What is our best opportunity and why?
 - Which key weaknesses and challenges must be overcome, why and how?
- Based upon these discussions two to five areas were identified and summarized to be focused for improvement, “What should be the key areas of focus for improvement in our programme?”
- These key themes form the SWOC analysis for each criterion for the University.

SWOC OF CURRICULAR ASPECTS

Strength:

- Catering to a vast geographical area inhabited by unprivileged people, the University has been able to create awareness for higher education among this section resulting in a growing trend of GER across primary to higher education.
- Keeping in pace with the changing socio-technological environment the University is in the process of developing a structured method for interdisciplinary activity through in-house agencies like its PG Departments, Innovation-cum-Incubation centre, Berhampur University Research Forum, etc.
- The only University in the State offering Post Graduate Course in Marine Sciences, Military Sciences, Linguistics and Diploma courses in Russian Language.

Weakness:

- Faculties at the higher level, i.e. number of Readers and Professors are depleting very fast due to retirement and very limited recruitment over the past decade or so. Lack of such experienced persons has started affecting both academics and administration.
- The average academic quality of students of the University is mostly below that of the students of other competing universities, because most of the students come from academically backward sections of the society, due to the locational disadvantage of the University.

Opportunities:

- Impress upon and work with the Government and NGOs in formulating and implementing policies for unprivileged sections within its geographical jurisdiction, which includes regions affected by left wing insurgencies, so as to bring them to the mainstream of civil society.
- Use the CBCS providing vertical and horizontal academic mobility of youth, in areas of their own interest. The system delivers fruits of higher education to the population inhabiting the geographic jurisdiction of the University.

Challenges:

- Uplift the academic level of the students, coming from educationally backward region, who are again first generation learners.
- Enhance funding opportunities and sources generate and use the fund effectively for starting multi- and/or inter-disciplinary research/courses as per the techno-societal requirements.

SWOC OF TEACHING, LEARNING AND EVALUATION

Strength:

- Sincere, committed and dedicated teaching faculty with research bent of mind and exposure to current academic environment.
- Concurrent and rigorous evaluation system.
- Sound academic and infrastructural facilities have contributed to healthy teaching-learning practices.

Weakness:

- Inadequate teaching faculty.
- The use of ICT in different aspects of teaching, learning and continuous evaluation has been constrained due to poor Internet bandwidth.
- Restoration of LAN connectivity to certain areas following devastation caused by “Phailin”.

Opportunities:

- Steps need to be taken to develop facilities to cater to the requirements of differently-abled students.
- Possibility of collaboration with other reputed Institutions in India and abroad can be explored for joint-academic ventures for dual degree.
- To effectively use the recent release of grants of Rupees thirty lakh by the Department of Higher Education, Government of Odisha, for Wi-Fi campus and to fully restore the LAN connectivity.

Challenges

- With the growing interest of students in professional education like engineering, medicine etc. the quality of students opting for traditional subjects at the Post Graduate level has been affected.
- The students are mostly from the backward districts of Southern Odisha and thus lack good communication skill in English. They need to be trained to cope with the demands of the job market.

SWOC OF RESEARCH, CONSULTANCY AND EXTENSION**Strength:**

- The University ensures adoption of UGC Minimum Standards and Procedures as per revised guidelines of UGC regulation 2009 for the award of M.Phil., Ph.D., D. Litt., D. Sc., and LLD degrees.
- University’s focus on interdisciplinary research is evident from the ongoing inter-departmental and inter-institutional collaborative projects. A sum of Rs. 3.7 corers has been sanctioned for a project on – “Documentation and Development of Indigenous Languages of South Odisha” under the scheme of Promotion and Preservation of Indigenous and Engendered Languages.
- The University has signed MoU with five overseas institutes/universities and with two national institutes of repute to advance its pursuits in thrust areas of research and teaching and to acquire the visibility necessary for forging ahead.
- The extension activities of the University cover several societal activities and are organized through NSS and other collaborating agencies/institutes.

Weakness:

- University lacks well-defined research policy.
- The University has potential to offer consultancy services in several areas. However, it has not possible due to lack of proper institutional arrangements.
- Students being the first generation learners frequently get de-motivated to take up research as a career options.

Opportunities:

- Proactive action to bring a paradigm shift in the University's Statutes and Regulatory mechanisms.
- Functional literacy projects leading to social and economic empowerment of the weaker sections of the people of Southern Odisha.
- Engagement in cutting edge research studies in the area of Ocean Sciences in general and in the area of climate change and disaster management in particular. To make a mention, the University has been the worst victim of such natural disasters.

Challenges:

- Make the infrastructure and other essential services of the University disaster resilient so as to have an uninterrupted academic calendar.
- Address the regional issues through innovative research and to introduce skill based job oriented courses. The Innovation-cum-Incubation Centre has the best potentiality to provide this solution.

SWOC OF INFRASTRUCTURE AND LEARNING RESOURCES**Strength:**

- Extension of Biju Patnaik Computer Centre Computer Centre for centralised internet facility to the students.
- New Conference Hall with three hundred seating capacity; extension of RP Padhi Central library for e-Content Access, South Odisha Cultural Study Centre, extension of Administrative Block to accommodate University Computer Centre, Centralised Valuation Hall, New Syndicate Hall, IQAC/NAAC Cell, Career and Placement Cell, Research Cell and Innovation and Incubation Centre.
- Sufficient accommodation for both boys and girl students for their stay in the hostels. All the hostels are self contained and secure for the boarders.
- Library accesses online journals through UGC- INFONET consortium. Computers and Photocopiers provide the opportunity for the students to make use of them then and there.
- The University has made significant progress in the construction of several new projects such as - Common Kitchen-cum-Dinning Place, Toilet complex (10 numbers), Human Resource Development Centre, Academic block (Science), Academic Block (Social Sciences-02), New Ladies Hostel (02 numbers), Extension of Administrative Block, Annex of Guest House and Annex of Central Library.

Weakness:

- Half a century old infrastructures causing inconvenience for advance system of teaching and learning.
- Inadequate trained library personnel to manage and render services to all the stake holders.
- Inability to sustain Centralised Instrumentation Laboratory.

Opportunities:

- Completion of *Wi-Fi* campus.
- Complete automations of Library and Information System.
- South Odisha Cultural Study Centre to promote and highlight the cultural heritage of Southern Odisha emphasizing rich culture of South Odishan tribal population.
- Adequate preservation and maintenance of ancient palm- leaves and manuscripts.
- Head, Department of Social Anthropology, University of Tubingen, Germany has already expressed his institutional interest during his recent visit for digitalisation of palm leaf scripts.

Challenges:

- Locational disadvantage and to recurrent natural calamities.
- Frequent interruption of power supply and internet connectivity.
- Special provisions for differentially-abled students in the Library and other departments.

SWOC OF STUDENT SUPPORT AND PROGRESSION**Strength:**

- Add-on courses on Soft Skill and Personality Development are offered in collaboration with NIRD&PR, Hyderabad and IIT, Bombay; Remedial Coaching is offered to students belonging to the SC/ST/OBC categories preparing for UGC-NET and other competitive examinations.
- Students' active participation in various seminars, workshops and conferences organized by the University.
- MoUs have been signed with international and national institutions for collaborative research and exchange programmes.
- South Odisha Cultural Study Centre established in the University promotes the inter disciplinary research. It further preserves and promotes the cultural heritage of South Odisha.

Weakness:

- Less job opportunities and lack of formal linkages with industry
- No formal mechanism of students tracking after their course completion is in place.

Opportunities:

- Introduction of Add-on Courses, Diploma Courses leading for multi-skill development of the students.
- Develop a mechanism to track the student progression through Alumni and using Social Media
- Large scope for starting many community linked extension activities

Challenges:

- Improve the Gross Enrolment Ratio.
- Create contemporary research opportunities to address contemporary issues and thereby make research socially more relevant.

SWOC OF GOVERNANCE, LEADERSHIP AND MANAGEMENT**Strength:**

- The University has a decentralised system of administration based on an effective participative management, transparency and devolution of autonomy.
- A student-centric teaching-learning process is in vogue.
- Promoting a culture of 'participative management' is the hallmark of our University.

Weakness:

- Inadequate collaboration with industries for enhancement of University-Industry interface due to conspicuous absence of industrial-corporate houses in this region.
- Inadequate teacher-student ratio in the Postgraduate Departments.

Opportunities:

- Scope for implementing e-Governance.
- Introduction of CBCS to ensure greater academic flexibility with a thrust on employability.

Challenges:

- Strengthening the quality sustenance and enhancement mechanism.
- Timely completion of developmental work with the available Government funding.

SWOC OF INNOVATIONS AND BEST PRACTICES**Strength:**

- Zero tolerance to gender discrimination
- Disciplined students and ragging-free campus

Weakness:

- Limited green-audit
- Absence of e-waste management policy

Opportunities:

- Career-based training to face contemporary global challenges.
- A Knowledge Resource Centre for young aspirants.

Challenges:

- Provide world-class facility to students for research and development.
- Participate actively in 'Shodhganga' project.

Appendix-I

The chart below presents the SWOT analysis for Higher Education Sector in Odisha in general

<p>Strength</p> <ul style="list-style-type: none"> ● Strong education hubs are scattered over the district headquarters including the capital city of Bhubaneswar. ● Opening of Universities and colleges in private sector. Increasing trend of private partnership in spreading tentacle of higher education on diverse sectors. ● Initiative for filling up of faculty position in bridging gap between teachers and taught. ● Inception of model colleges to add valor of access to quality higher education. ● Policies and programmers are in the offing for strengthening research and innovations for the benefit of contemporary market oriented Social matrix. ● Steps are being initiated for reform in the prevailing examination system. ● Institutions of different type of scholarships for inclusion and motivation of students towards higher education 	<p>Weakness</p> <ul style="list-style-type: none"> ● Low access to higher education is complementary to lower income. ● Low rate of access to higher education owing to large distribution of tribal population. ● Female literacy rate is comparatively lower than that of male literacy rate. ● Shortage of faculty ● Inadequate numbers of institutions of Higher learning. ● Lack of state assessment and accreditation authority. ● Absence of quality assessment cell at the state level. ● Infrastructure facility is not adequate. ● Absence of Research University and Women University. ● Lack of separate infrastructure, full-fledged faculty for vocational education.
<p>Opportunity</p> <ul style="list-style-type: none"> ● The existing institutes of Higher Learning can develop ties with National institutes, Central Universities and industries for collaboration work. ● Attempts can be made to increase enrolment of foreign Students. ● Vocational Education under National Vocational Education quality framework ● Opening of new institutions and Universities can lessen the burden of the existing ones. ● Avenues for increasing Gross enrollments (GR) at par with national average. 	<p>Threat</p> <ul style="list-style-type: none"> ● Academic activities are distorted with the increasing diversified workload of administration and academic programmes coupled with insufficient administrative personnel. ● Lower financial assistance ● Shortage of faculty and staff. ● Lack of innovation, research and capacity building of teachers. ● Financial constraints for infrastructure. ● Quality of Education has not been properly addressed. ● Examination Reform is inadequate. ● Curriculum development is not in tune with the requirement of the present days. ● Vocational education as viable alternative to general education needs encouragement.

Source: World Bank Draft Report, 2015



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Declaration

I certify that the data included in this Re-Accreditation Report (RAR) are true to the best of my knowledge.

This RAR is prepared by the institution after internal discussions, and no part thereof has been outsourced.

I am aware that the Peer Team will validate the information provided in this RAR during the peer team visit.

Date: 27.10.2015

(Deepak Kumar Behera)
Vice Chancellor



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Statement of Compliance

This is to certify that **BRHAMPUR UNIVERSITY** has complied with all the provisions of the following Regulations governing it:

- UGC Regulations on Minimum Qualifications for Appointment of Teachers and other Academic Staff in Universities and Colleges and Measures for the Maintenance of Standards in Higher Education 2010 and further amendments, if any, notified by the UGC.
- UGC Regulation on Minimum Standards and Procedure for the Award of M.Phil./Ph.D. Degree, Regulations 2009 and further amendments, if any, notified by the UGC.
- UGC (Affiliation of Colleges by Universities) Regulations, 2012 and further amendments, if any, notified by the UGC.

Any false or misleading information provided by the institution, will be viewed seriously by NAAC and the accreditation given is liable to be withdrawn.

Date: 27.10.2015

(Deepak Kumar Behera)
Vice Chancellor

POST ACCREDITED INITIATIVES BY THE UNIVERSITY

- 1. A vision plan for the next ten years submitted by the University to the Peer Team needs further improvement. A plan of action for resource generation and mobilisation may be evolved for the future integrated development of the University.**
 - A Prospective Vision 2020 plan has been formulated envisioning the development of the University in the coming years. It includes among others:
 - Plan for resource mobilization through active involvement of distinguished Alumni of the University.
 - Plans of expanding e-library facility and making it available to public and Alumni, wherever possible.
 - Self-financing courses have been introduced as an additional source of funding.
 - Additional PG, UG, Certification and Diploma courses have been added to Distance Education Centre of the University for generation of additional fund.

- 2. There is an urgent need to initiate interdisciplinary interactions. Schools and Centres of inter/multi disciplinary studies may be established in innovative/ emerging/need-based/utility-oriented areas on a priority basis to give the vision of the University a meaningful shape.**
 - School of Pharmaceutical Education and Research (SPER) was established in the year 2008 with the active participation departments like Chemistry, Zoology/Biotechnology.
 - South Odisha Cultural Study Centre, Women Study Research Centre, Innovative-cum-Incubation centre are examples of initiatives taken by the university for interdisciplinary interactions.
 - ELT and Linguistics were introduced in the Post Graduate curriculum of English as a need based oriented area. A special post was created in ELT and the same was filled up to achieve the goal.

- 3. Obsolescence removal may be taken up and procurement of funds from AICTE and the UGC may be seriously pursued.**
 - Several attempts have been made for obsolescence disposal. However, those have not been completely successful due to the identification of e-wastes. A policy decision on financial implications could not be taken as that, would have resulted in audit objections for those items already entered in to the stock registers.
 - Of late, the Syndicate of the University realizing the root cause has appointed a senior Professor to look into the matter and take effective steps for obsolescence removal.
 - A draft proposal codifying the obsolescence identification and removal process is being developed for approval so that steps can be taken as per approved procedure eliminating any audit problem in the future.
 - Recently, some plastic, wooden and iron obsolete materials have been disposed of the University following due procedure and rules.

4. General and financial administration may be modernised to a greater degree with computer aid. There is a need to propagate the computer application culture in all teaching departments and centres of studies.

- E-Banking has been initiated in the form of SBI-Collect.
- All Teaching Departments, Centres, Cells and Administrative Departments of the University have the option of using organisational e-communication.
- Some departments use e-mails to send notices, study materials and handouts to students.
- Few departments use different forms of ICT in teaching, while many departments use power-point presentations.

5. In the administrative reforms that are to be undertaken, there is an immediate need for improving and strengthening the internal audit system and updating the annual audits of university accounts.

- Two internal auditors have been appointed to strengthen the internal auditing system.
- Backlogs in university accounts like adjustments of advances, etc have been reduced appreciably making the accounts updated.
- Local Fund Audits are being conducted at the end of every financial year and thus audit of accounts is up-to-date.
- A proposal of establishing separate Internal Audit Section with codified purchase and other expenses procedure for internal auditing is under active consideration of the University.
- The Finance Committee meets at least once in a year to approve the budget. The said meeting is also attended by representatives of Finance Department and Higher Education Department of Government of Odisha.
- The financial transactions made by the University are approved in the meetings of statutory bodies like the Senate and the Syndicate.

6. A Curriculum Development Cell may be constituted with the specific task of overseeing the utility/job orientation that needs to be given to several courses of study.

- Proposal for Curriculum Development Cell is being given due consideration by the university. Codifying its functionality along with related procedures are being developed for giving it a concrete shape.
- However, the proposed task is being looked after by the Board of Studies in different disciplines and the Academic Council which update the curriculum from time to time for making the courses relevant for employability.
- A major step in this direction is the adoption of UGC recommended CBCS from the session 2015-2016 academic.
- Berhampur University organised a State level workshop for Curriculum Development which was attended by nine Vice Chancellors and more than 50 Chairman of Board of Studies of different subjects of various Universities of

Odisha. A draft syllabus for under graduate courses was prepared in the said workshop.

- An undergraduate Curriculum Development Monitoring Committee headed by a senior Professor played a significant role in the entire process.

7. A platform may be created for annual interaction between Principals of affiliated colleges and the Director of Higher Education, Government of Orissa.

- College Development Council (CDC) is in existence to act as the bridge between the affiliated colleges under this University's jurisdiction and Director of Higher Education, Government of Odisha, as well as UGC for their various requirements.
- Director of CDC looks after all the requirements of its affiliated colleges.
- The Vice Chancellor provided orientation to the Principals of various affiliated colleges and motivated them to go for NAAC accreditation. All those three meetings were attended by the Regional Director, Higher Education, Government of Odisha.

8. Holding annual/half-yearly meeting of the Principals of affiliated colleges with the Vice-Chancellor will help build better rapport between colleges and the university administration and establish the colloquium necessary for hastening the pace of academic development.

- During last five years, various workshops and seminars have been conducted with the Principals of affiliated colleges on matters such as NAAC accreditation obtaining UGC 2(f), 12B status, prepare for availing grants from various national funding agencies etc.
- The University regularly organizes a Principals' Conference under the aegis of the CDC to meet these necessities.
- During the last two and half years the Vice Chancellor has visited 48 affiliated colleges to strengthen the rapport and establish colloquium for accelerating the tempo of academic progress.

9. Courses may be made to follow the semester pattern with continuous assessment for which within the University itself there is a model supplied by the Department of Electronics.

- In the 2004, the University adopted its own Semester pattern common for all regular PG Courses.
- During the academic session 2007, Credit Based Semester System was adopted for Electronic Science Department.
- During the current academic session 2015-2016 Choice Based Credit System has been introduced in all the Post Graduate Departments.

10. The Ph.D. programme, which is currently under revision needs to be carefully reviewed from the point of view of quality assurance

- The University has revised and implemented in letter and spirit, the UGC regulations in the Ph.D. Programme of the University.
- Pre-registration, pre-submission and intermittent seminars are being conducted and the students are being evaluated by subject experts ensuring the quality of the dissertations.
- The University has already taken initiatives to check plagiarism.

- The Examination Committee carefully examines the evaluation reports submitted by the examiners and ask the candidates to make compliances in the form of an annexure as and when required.
- 11. The Placement Cell is to be made more effective in its functioning and greater coordination between it and the various agencies around must be achieved.**
- The university has already established a Career and Placement Cell.
 - Regular pre-placement and soft skills training is imparted to students in the form of add-on courses.
 - Collaboration with IIT-Bombay, Mumbai for IT skill training and exposure to students.
 - Collaboration with NIRD & PR, Hyderabad for personality development and intercultural awareness of students and staff.
- 12. The University has fairly good student amenities. The campus being situated at a distance of 12 km from Berhampur city and with quite a large residential area on the campus, facilities at the Health Centre need to be improved with Government support. The Health Centre can function by drawing specialist support on at least specified days in the week from the Medical College affiliated to the University. Limited in-patient, emergency medicare facilities should also be created in the campus on a priority basis. Special provision for medical care for girl students may be made.**
- On campus full-fledged functional Health Centre with in-house permanent Doctor and supporting staff.
 - Ambulance and indoor facilities available for girl students, boys and campus dwellers.
 - Medicare facilities available for hostel boarders and campus dwellers round the clock.
 - On-call medical facility and free medicine available by dedicated staff of the Health Centre.
 - Collaboration with MKCG Medical College (one of our affiliating Colleges) and Hospital at Berhampur for treatment of patients referred from the Health Centre on priority.
- 13. Many of the Departments have requisite attainments to apply for SAP/DRS/DSA programmes. There is a need to encourage these departments to explore possibilities of obtaining improved funding under DST-FIST and other programmes.**
- Department of Marine Sciences is beneficiary of UGC- SAP.
 - Department of Odia is under the UGC-SAP program.
 - Department of Physics received funding from DST-FIST up to 2010 and is gearing up for the next round of support.
 - Departments of History, Mathematics and Political Science received funding under UGC-SAP and are preparing projects for future proposals.

14. The tapping of non-conventional energy sources is an important requisite for universities. In this regard it is suggested that with the help of appropriate bodies the University may create an Energy Park.

- Solar lantern and mobile chargers were distributed in the campus and in the hostels to meet energy failure during “Phailin” and “Hud-Hud” cyclones during 2013 and 2014.
- Energy Park for power generation using wind-power and solar-power are part of the University future road-map following recent availability of developments after a long passage through a period of financial austerity measures.
- Most of the campus dwellers are encouraged to use solar power and some of them are using solar energy for household lighting.
- Initiatives have been taken by the University to light the campus with solar lights.
- Correspondence has been made with NIRD & PR, Hyderabad seeking assistance for the creation and use of non-conventional energy.

15. The University should make efforts to establish a Biotechnology Park.

- The financial austerity measures of Government prohibited the University from making any effort in this direction.
- The University has a medicinal/herbal garden.
- It has a botanical garden with rare and endangered plant species.
- The flora is used to study mosquito control and management. Several projects and awareness programmes are undertaken in the campus.
- However, the Government of Odisha has proposed to establish a Biotechnology Park at Andharua (Near Berhampur Town) with provisions of formal and operational linking with institutions of Higher Education and Research in the State. The students of the department of Botany, Zoology and Biotechnology will be immensely benefited from the project.

16. The lush green vegetation on the campus can be turned to productive and planned use by an appropriate study of the land use pattern. This could also eventually be a resource-generating proposition for the University.

- University uses the land to study its flora and fauna, which is distinct and unique to the area.
- The University has a medicinal/herbal garden.
- A botanical garden with rare and endangered plant species.
- The University has a Zoological Park housing more than 55 deer.
- The flora is used to study mosquito control and management. Several projects and awareness programs are undertaken in the campus.
- The University, in collaboration with the Department of Forest and Environment, Government of Odisha has recently established a Nursery Interpretation Centre

17. The Memoranda of Understanding arrived at on a limited scale by selected departments may be made into potent instruments of mutual enrichment. Consortium building at this stage would lead to a wider and more flexible pattern of evolving short-term courses of study that would exploit cutting edge technologies.

- University is offering soft-skill development add-on certificate courses in collaboration with NIRD&PR, Hyderabad.
- MOU has been signed with IIT-Bombay for computer and language skill training.
- Besides, MOUs have been signed with different overseas Universities/ Institutes located in Germany, Ireland, The Netherlands, Denmark etc. As a result, few scholars from abroad have already started working in the South Odisha.

18. There is a rich collection of palm leaf manuscripts the preservation of which needs to be paid attention to.

- South Odisha Cultural Study Centre under the auspices of the Department of Odia is preserving and managing the treasured palm leaf manuscripts.
- A preliminary discussion has already been made with University of Tubingen, Germany for the possible digitization of the palm-leaf scripts.
- In spite of financial constraints fund is made available to the Centre by the University for preservation of the manuscripts.
- Seminars/Workshops are conducted in collaboration with various academic bodies regarding the wealth of palm leaf manuscripts available with the University and their preservation.

19. It is also suggested that the fruits of the Information and Communication Technology revolution should be drawn on without loss of time and to march ahead in that direction the University should acquire Local Area Networking (LAN).

- Teaching Departments are connected through LAN
- Internet facility is made available to students, teachers and administration through LAN
- Internet in Laboratories operate under the Local Area Networking
- The University has received Rs. 30.00 lakh for Wi-Fi Campus. The campus will soon go Wi-Fi.

20. The R.P. Padhi Library has an enviable collection of over one lakh titles. But a sad feature of the Library's development is that the resource crunch has affected its journal subscription programme. The Library has not yet been brought under the INFLIBNET. It is therefore suggested that expeditious steps should be taken to acquire SOUL (Software for University Libraries) for the Library.

- The Library has been brought under the umbrella of INFLIBNET.
- E-Content access available to the student, scholars and faculty of the University with 30 access points.

- Around seventy thousand books are catalogued in SOUL (unfortunately destroyed by super cyclone *Phailin* and in the process of restoration).
- The University is in touch with the Director, INFLIBNET and supporting staff for full automation of the library. A team from INFLIBNET will soon visit the University to provide technical assistance.
- Around 120 titles of journals and UGC INFONET journals (8600) are accessible by the users from different access points in the library and the university.

21. Since 1991, the University has been having only 20 departments of postgraduate study. Probably the resource crunch has affected the rapid and accelerated expansion of this University.

The University cannot open a new department without a clearance from the State Government. As a austerity measure, the State Government is not allowing opening of new departments, though the University's proposal for opening five new Departments was approved by the UGC during the 11th Five Year Plan.

22. In view of the financial stringency experienced by the University, it is suggested that, in addition to exploring avenues of internal resource generation, the University could approach the elected representatives for funds from the M.P. LADS and M.L.A. LADS for infrastructure development, for example, of the Library and the Computer Centre, two prime sources which place an institution in the firmament of the intellectual and knowledge community.

- The University has been generating its resources through Distance Education.
- The fund for own building of the Biju Patnaik Computer Centre has come from the Office of the Hon'ble Chief Minister of Odisha.
- The MP-LAD fund has been used for construction of boundary wall of the University Stadium.
- The MLA-LAD fund has been utilised for construction of a two-wheeler parking shed near Administrative Block.
- The NALCO has provided an Ambulance to the University as part of their CSR effort.
- Various industrial/corporate houses have been requested to support the University under CSR.

23. The Departments of English and Linguistics could come together to offer a Diploma Course of six months duration aimed at communication skills development. This course is necessary in the ICT Revolution phase because a lot of emphasis on soft skills development and communication skills development is laid in a globalised competitive environment.

- Add-on Certification Courses in Communicative English and Personality Development are being floated by the University under the Department of English.
- Diploma Course in Russian Language is being offered by the Department of Linguistics

- Competent faculty from both, Linguistics and English Departments make use of the available facilities of the University for enhancing communication skills of students and staff.
 - Opportunity is given as option to all the students keeping in mind the ICT Revolution
- 24. The Harihar Mardaraj Distance Education Centre offers four P.G., three U.G., nine Masters, three Commerce courses. It is an important source of revenue generation for the University. In course material production, a lot of care should be taken to see that the material produced is learner-friendly.**
- Course material production for the Harihar Mardaraj DEC is done with care.
 - Course material is produced by competent faculty of the University. It is also outsourced.
 - Material produced is cross checked by a Board of Subject experts
- 25. It is suggested that the Library should create two important cells: (i) a Competitive Examinations Material Cell and (ii) an SC/ST Text Book Cell.**
- Competitive Material Cell is in place in the R P Padhi Library.
 - ST/SC Text Book Cell has been formed for the use of Students.
- 26. It is suggested that upgrading and expanding the facilities at the Computer Centre should be taken up on a priority basis. The Computer Centre and the Department of Computer Science can together contribute to in-house software development and also periodically hold training programmes for the non-teaching staff in computer literacy.**
- Biju Patnaik Computer Centre of the University takes care of LAN and Internet facilities of the University
 - A senior faculty of the Computer Science Department has been looking after the affair of the Computer Centre as its Director.
 - The Computer Centre imparted handholding training programmes for employees of the university under the e-Governance project.
- 27. The courses on Film Studies and Creative Writing could be made to transcend departmental boundaries and be made available to any postgraduate student as an extra credit non-subject course.**
- Courses on creative writing and professional writing have been introduced by the Department of English in the new CBCS course curriculum for PG students of other subjects.
 - M.Phil. and PhD. programmes encourage interdisciplinary work allowing transcendence of academic boundaries
 - Interdisciplinary seminars and conferences are held to educate students and motivate them to cross their discipline boundaries and work in interdisciplinary areas so as to cater to the needs of the society.

NAAC Steering Committee

- 1. Professor Prasanta Kumar Padhy – Chairman Post Graduate Council**
- 2. Professor Ashok Kumar Mohanty – Registrar**
- 3. Professor Jinendranath Mahanty – Department of Political Science**
- 4. Professor Rabindra Kishore Mishra – Department of Electronic Science**
- 5. Dr. Manas Ranjan Patro – Director Computer Centre**
- 6. Dr. Arun Kumar Panda – Department of Business Administration**
- 7. Dr. Chapala Das – Department of Physics**
- 8. Dr. Prasanna Kumar Dixit – Department of Zoology**
- 9. Dr. Roshni Kujur – Department of Political Science**
- 10. Dr. Bapuji Samal – Deputy Registrar**
- 11. Dr. Prafulla Kumar Dalai – Officer In-charge Works**
- 12. Dr. Satyabrata Patra – Associate Coordinator**
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- 14. Professor Aparajita Chowdhury – Coordinator, NAAC**

PEER TEAM REPORT

ON

INSTITUTIONAL ACCREDITATION

OF

BERHAMPUR UNIVERSITY

JULY 23-26, 2002

**NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL
BANGALORE**

**REPORT OF THE PEER TEAM ON
THE INSTITUTIONAL ACCREDITATION OF
BERHAMPUR UNIVERSITY
BERHAMPUR**

SECTION – 1

PREAMBLE:

Started in 1967 as an affiliating University, Berhampur University is situated in a semi-urban location in southern Orissa and caters to an educationally and economically backward area where the demographic profile reveals a predominantly tribal population. With its mission to provide the benefits of higher education to the people of the region, to foster the economic growth, and to study, preserve and enrich the cultural traditions of the region, the University, located in a 250.67 acre densely wooded plot of land, has made significant progress since its inception. The University has 20 postgraduate departments located on the campus, one constituent college, one autonomous college and 104 affiliated colleges imparting instruction in arts and sciences, medicine, engineering, education, management, law, computer applications and defence science. The Army Air Defence College, offering Master's in Military Science and two diploma courses, is an added attraction to the University. The campus is named after Kabi Samrat Upendra Bhanja. This has helped the University to tune itself in to the pursuit of cultural studies apart from explorations in the sciences and the social sciences. Some of the important specialisations which the University in its various courses offers are: Signal Processing, Optical Communication, Advanced Electronic Instrumentation, Telematics, Environmental Biology, Microbial Biotechnology, Computational Linguistics, Film Studies, Studies of Tribal Folklore, Community Resource Management, International Politics and so on. For a University with a history of just over 35 years, it has three departments, the Departments of History, Political Science and Mathematics, admitted by the UGC under SAP for DRS. The University has also entered into significant collaborations and memoranda of understanding to advance its pursuits in thrust areas of research and teaching and to acquire the visibility necessary for forging ahead. The University has a self-sufficient campus with a Centre for Distance Education, a Health Centre, a canteen, a Sports Complex, a Yoga Centre, Men and Women's Hostels, a Working Women's Hostel, sufficient housing for the teaching and non-teaching staff and other facilities which provide ample scope for corporate life on the campus. The Peer Team visited all the Departments of study, held extensive discussions with the staff, students, principals of colleges, members of the Syndicate and the alumni as part of its effort to validate the Self-Study Report.

Berhampur University is now headed by Smt. Vandanakumari Jena, who has been holding additional charge as the Vice-Chancellor of the University. During the short period she has been in office, the Peer Team has noticed that she has given the university community the leadership necessary for coordinated and concerted action for coming forward with a clear definition of their goals and objectives in translating the vision of the University into an academic reality.

The Peer Team comprising Prof. Ananda Deb Mukhopadhyay, Vice-Chancellor, Vidya Sagar University, Midnapore as the Chairman, Professors V. Krishna Kumar, Bhupinder Brar, Kulandaivelu, Visweswara Rao as members and Sri B.S. Madhukar, Deputy Advisor, NAAC as the Coordinator of the Team visited the University from 23rd to 26th July 2002 in order to validate a Self-Study Report submitted by the University for the purpose of the assessment and accreditation.

Before visiting the University, the Peer Team called on His Excellency Sri M.M. Rajendran, Governor of Orissa and Chancellor of Berhampur University and shared with him his concern for the sustenance of academic culture and values and the promotion of standards in universities in order that universities might, in their pursuit of excellence, be active stake-holders in the country's socio-economic development. The Peer Team places on record its gratefulness to the Governor for his active involvement in the development of the universities in the State.

SECTION – 2

CRITERION I: Curricular Aspects

The University has 20 postgraduate teaching departments which offer a wide range of programmes. It offers about 150 programmes in all, including the M.Phil. and Ph.D. programmes and Diploma and Certificate Courses. Most of the Departments are centred round conventional course structures though, with the recent accent on the acquisition of a cutting edge competence and on implementing the curriculum suggested by the UGC's Curriculum Development Council, an awareness has been promoted in the teaching community that courses of study could be more radically reoriented to suit either career orientation or inter- and trans-disciplinary orientation. An effort in this direction is gathering momentum in the University. Optional papers are offered for the students in all the disciplines and the choice is wide ranging enough. However, a more flexible structure of non-core options and provision for greater horizontal mobility between one discipline and another need to be built into the scheme of things. One of the notable features of the implementation of the curriculum is that the statutory reviewing mechanism is adequate and is noticeably in operation. Most teachers have also participated actively in syllabus making, thereby demonstrating a significant participatory managerial practice. The University has initiated action for formulating a uniform state-wide curriculum for the U.G. courses of study, which seems to be in tune with the practice obtaining in certain other states in the country. Laboratory work, fieldwork, and project work have been incorporated in the syllabus in various subjects in a manner which reveals that courses of study have gradually enhanced the component of combining theory and practice. It has, however, been observed by the Peer Team that though a rational mechanism of curriculum development and monitoring has been evolved, it is not subjected to sufficient introspective analysis. As a result it has been found that while the curriculum reveals the incorporation of latest trends of subject knowledge the bibliography at the end does not quite reflect it. Three years is some times a long gestation period for a curriculum revision. There should be scope for re-evaluations based on objective indices from time to time leading to a substantial and not cosmetic revision. The Boards of Studies consist of external experts who subject the curriculum to a peer evaluation. But a more comprehensive peer and alumni evaluation and feedback

mechanism need to be developed. Though it is not mandatory that the curriculum suggested by the UGC should be adopted, a critical analysis of how its most salient features have been absorbed needs to be carefully made.

The Academic and Administrative Audit Committee set up by the University gave a transcript of its proceedings and it provides a feedback on self-evaluation and on programmes of interaction with other departments. This is only a broad first exercise which, when continued on a periodic basis, will provide for the staff sufficient opportunity for introspection and interaction.

CRITERION II: Teaching, Learning and Evaluation

The University has, like certain other universities in the state, a well-defined and transparent mode of selecting candidates for admission to the various courses of study. In some of the departments like History, Political Science, Mass Communication, IR & PM, Business Administration, and Electronic Science admission is by an Entrance Test, which comprehensively examines the students as also gives weightage to their previous academic record apart from assessing their performance in an interview. Admission to the MCA course is by the Joint Entrance Examination conducted by the Government of Orissa. Many of the Departments are understaffed. Posts consequent on retirement have not been filled up as a matter probably of state policy. Though the levels of inputs are not always viable, the staff have been pursuing their teaching and research with the commitment necessary for translating the university's vision of contributing to the human resource and socio-economic development of the region and the state. Teachers have been recipients of important distinctions in their respective fields and their overall participation in seminars, conferences in the nation and abroad has been fairly commendable. The number of teaching days in the University in the last year was over 200 working days. All the Departments have, in their presentations before the Peer Team, indicated that Seminars are a regular feature of the working of the departments. Though, by and large, instruction has been by means of face-to-face interaction, efforts are indeed made to adopt innovative teaching methodologies in the classroom. The OHP is used and in several cases occasional use of the audio-visual media is also made. It has been sought to be impressed upon the teaching staff that with the UGC's latest emphasis on the conventional and the open systems being streamed together, teachers should offer more flexible patterns for study and also incorporate the multimedia packages of instruction that are already available in their classroom pedagogy. Teaching, in general, has been found to incorporate the latest subject trends and critical fashions. It has, however, been found that in an area which is predominantly populated by Scheduled Tribes and Scheduled Castes, no institutionalised system of addressing the special needs of this cross-section of the society has been evolved. An important feature of the teaching situation in the University is that the self-appraisal method of evaluation has been put into operation. This, combined with student appraisal of teachers, for which a judicious *proforma* needs to be carefully evolved, will yield place to a system of checks and balances in the academic audit. Certain of the departments have been practising team teaching to enable the student to gain from a plurality of perspectives made available to him in the same class.

The University follows the conventional examination and evaluation system. It has been observed that examinations are held as per schedule and results are published without undue delay. While some courses are in the semester mode, not all semester courses follow the continuous assessment pattern. A firm policy direction from the University alone can bring about effective reform in this matter whereby the student is subjected to intense scrutiny and constant pressure of having to meet well-defined work targets. The evaluation mode followed is door evaluation in the case of undergraduate courses of study and external and internal evaluation for postgraduate courses of study. At the postgraduate level a better alternative is to subject every script to one external and one internal evaluation. This is a more universally adopted practice in Indian universities. In order to make the mechanism transparent, reevaluation should be made possible. Universities could also permit students at the undergraduate level to examine their scripts and challenge the valuation. This builds into the system certain safeguards. A quick glance at the question papers revealed in the first place that a four-hour long examination is in vogue. This can be replaced by a three-hour duration examination. Further, a restricted choice question paper, which examines the candidates more intensively in wide ranging subject areas needs to be evolved. A precursor to this could be the curriculum divided into meaningful units in every one of which the student needs to be examined. The question paper can also contain types of questions requiring answers of varying length.

While enrichment of the ongoing programmes is one serious concern with which the University is preoccupied, it has also sought to widen its base of reach by means of propagating the cause of distance learning. The Centre for Distance Education at present offers a number of Postgraduate Diploma courses. However, there is a need to turn this Centre for Distance Education into an instrument of social change by not only making it more accessible to the underprivileged sections of the society, but also by making its courses more learner-friendly.

The University conducted Refresher Courses in certain subjects thereby providing scope for inter-institutional linkage and for the skill development of teachers from affiliated colleges.

CRITERION III: Research, Consultancy and Extension

The University encourages and promotes research, consultancy and extension activities. Primarily research is being carried out through the Ph.D/M.Phil degree programmes and specific projects. Almost all the faculty members are guiding students for M.Phil., Ph.D. degrees. A number of research projects undertaken in the Departments have been completed and 13 projects with a total outlay of Rs.69.17 lakh are in progress, with faculty members as principal investigators. The Department of Ocean Development under its Ocean Science and Technology Cell has sanctioned 10 major research projects to various institutions (two projects are sanctioned to the Marine Sciences Department of the University). This Cell needs to interact with the other sister departments for collaborative research projects.

There are 49 full-time and 636 part-time research scholars engaged in research leading to doctoral degrees in about 50 disciplines. Thirty of them have fellowships from the University or

other external sources. There are 49 post-doctoral fellows engaged in Research as on 31.08.01 in various Departments. It is a positive feature that a third of them are Ph.D.s from other institutions.

The University has an active faculty with regular research publications. During the past 5 years there have been 784 Research Papers published in national and international journals. There are 91 books published and 215 Ph.D.s awarded during this period. Two inventions from Chemistry and Electronic Science Departments have been submitted for patents and 4 awards/recognition for research work have been received. The Departments of History and Law publish their own journals.

The Doctoral Research Committee in each subject with the Vice-chancellor as the Chairperson, Four Subject Experts and the Chairman of the P. G. Council as members monitors the research activities. This is indeed a desirable institutional framework for well-organized research activities.

The University has identified a number of Research Institutes with whom it collaborates on research. The Departments of Electronics and Physics have signed an MOU with the Institute of Physics, Bhubaneswar and the Department of Computer Science has signed an MOU with the UN University/International Institute for Software Technology of Macao. The Department of Physics is a member of the Theoretical Physics Seminar Circuit (TPSC). The Department of History is a member of the Indian Records Commission, New Delhi. These collaborations facilitate and encourage good research. All Science Departments should procure equipment for advancement of research and extension activities.

The University has potential to offer consultancy services in several areas, especially in Physics, Marine Sciences, Plant Sciences, Biotechnology, Computer Sciences, Electronics, Journalism and Mass Communications, Management, Home Science and Tourism. However, there is at the moment no initiative in the form of an institutional structure to publicize and promote this potential. There is much scope to take initiative in this direction, which could lead to academic and financial rewards to the University and benefits to the society in the long run.

The extension activities of the University cover several societal activities. These include community development, blood donation, plantation, AIDS awareness, environmental awareness, and women empowerment programmes. The University has a full-time designated person to coordinate extension activities. These activities are organized through the National Service Scheme (NSS), Women Studies Research Centre (WSRC), and Adult, Continuing, and Extension Education and Field Outreach (ACEEFO). The Commerce Department is a nodal agency for UNICEF training activities.

The NSS activities are spread over 98 colleges involving 12,000 volunteers. Many Programme Officers of the NSS have won awards at the state and national levels for their commendable work. The University offers immense opportunities to undertake functional literacy projects leading to social and economic empowerment of the local community.

CRITERION IV: Infrastructure and Learning Resources

The Infrastructure and Learning Resources developed by the University over the years are fairly appreciable. The physical infrastructure consists of administrative building, teaching departments, one central library, 5 boys hostels, 2 ladies hostels, one hostel for research scholars and one working women's hostel, a Health Centre, and accommodation facilities for employees and teachers, an Employment and Information and Guidance Bureau, Bank, Post Office, etc.

The institution plans to meet the future infrastructure facilities through grants from the State Government, UGC, Research Grants from other agencies and from self-financing programmes.

Major research facilities on the campus include a Computer Centre with Internet facilities through V-SAT, Marine Science Department, Regional Research Centre in Oriya, a good collection of palm leaf manuscripts, a Reference Section in the Library with access for 12 hours. The R.P. Padhy Library has a collection of over one lakh books and back volumes of periodicals. Subscription to periodicals has in the recent years been hampered by paucity of funds. The ratio of library books to number of students and other users enrolled is 43:1. There is an Advisory Committee to oversee the purchases of books and journals. Further, the departments have their own libraries. With the present cost of international books and journals the budget for the library is rather meagre. The library has reprographic facilities.

The Computer Centre adds to the learning process. Additionally it takes up the work relating to examinations, finance, and administration of the University. There are 15 PCs (including one Server), 1 Line Printer, 3 DMP's, 1 laser printer, 1 ink-jet printer, 1 colour scanner and other accessories. The computer facilities are available from 10.30 A.M. to 4.30 P.M., which is rather inadequate. There is an Internet connectivity based on V-SAT. The Centre helps with the conduct of computer courses in various departments. Almost all departments are also equipped with computers.

Other infrastructure and learning resources include laboratories in Science Departments with latest instruments, Museum and Archives in the Departments of Oriya and History and the infrastructure facilities of the Departments of Botany, Zoology and Marine Sciences.

The Sports Council of the University organizes inter-collegiate tournaments in 12 disciplines and prepares teams for inter-University tournaments. The University has a well-equipped indoor hall for conducting indoor games. This hall is having a synthetic court for Badminton. There is an incentive given to students proficient in sports in the form of scholarships, weightage in marks and quota for admission.

More hostel accommodation for students including research scholars is necessary in view of the distance of the university from the city.

The Market complex, Athletic Association, Dramatic Association and Community Centre add to the facilities in the campus. The Auditorium is nearing completion.

The University Employment Bureau undertakes career and job counselling through workshops and circulars issued to the Departments.

CRITERION V: Student Support and Progression

The mechanism of collecting feedback from students is available in the University. But it needs to be strengthened further and institutionalised so that there is a fruitful interaction between the student community and the teachers. There are facilities for academic and career counselling. There are several avenues for financial aid to students. The departments have, in general, brought out in their presentations that the conduct of seminars is a regular feature of academic interaction with the students. It is observed that in the session devoted to obtaining student viewpoint on several academic issues, students have expressed happiness over the facilities extended to them. They expressed their overall satisfaction with regard to curriculum, quality of teaching, laboratory facilities, the timetable and the workload, access to the Computer Centre, grievance redressal mechanism and academic and personal counselling. Students have expressed a desire to have the Internet facility in the library. The pass percentage in NET and other all-India competitive examinations is encouraging. The Employment and Guidance Bureau of the University provides opportunities to the students to enrol themselves for employment. It also encourages them for self-employment. The Auditorium of the University, which is an important part of the cultural life of the campus, could not be completed due to non-release of funds in time. Some Departments have been keeping track of student progression and have maintained good alumni profiles. This practice must spread wider in the University so that the student-teacher relationship remains vibrant beyond the specified period of study. Financial aid to the students is satisfactory and a healthy practice in the University has been that it awards a limited number of University research scholarships to students pursuing research. Indoor and outdoor games facilities are satisfactory and students have participated in inter-collegiate and inter-university tournaments in good numbers. In the absence of a Director of Physical Education, Staff Committees have been constituted to oversee student participation in competitive tournaments. The University has a Cultural Coordinator who coordinates cultural programmes and youth festivals, which are an important part of the holistic atmosphere that a university seeks to create.

CRITERION VI: Organisation and Management

The University has a well-structured organisation under the University Act. Decentralisation of academic and administrative activities is a positive feature of the University. There are several statutory and non-statutory committees through which delegation and devolution of authority is made. The efficiency of organisation and management is evident from the confidential reports and the action taken for violation of code of conduct. There is a foolproof mechanism of upholding government reservation policy. The initiative of the management in propagating computer literacy amongst its different sectors of staff is a good practice, which needs to be further strengthened and propagated. The non-teaching staff of the University may be subjected to periodic skill improvement and office management training by an institutionalised mechanism set-up by the University. Departments of study with management orientation can come

forward with proposals for a HRD training programme. The procedure followed for making admissions is transparent and sufficiently skill and knowledge testing. The University generates appreciable amount from self-financing courses and also from the Centre for Distance Education. Resources so generated need to be diverted towards diversified developmental activities of the University for which a blueprint needs to be prepared in consultation with some experts in the field drawn from outside the university. The recruitment of staff is done by appropriate statutory bodies following the prescribed norms for selection. However, the growing number of vacant teaching positions is causing concern. If this situation is allowed to continue, it might affect the momentum of growth of the University. The University is following the policy of decentralisation with respect to admissions and examinations. The congenial administrative set up has helped in building up good student-administration relationship. The budgeting is done through statutory bodies. Resources are mobilised only through self-financed courses. It is however suggested that the University may focus attention on examining possibilities of building up consultancy networks by means of which resources are generated. It is a notable feature that there is a Grievance Redressal mechanism at the departmental level and most issues are resolved within the premises of the departments. It is suggested that greater record keeping of these transactions will be beneficial to the institution in future. The University provides its faculty and staff with quarters, medical facilities, housing loan, and vehicle loan. There is Staff Credit Society, Employees Welfare Fund and a recreation club in the campus as a part of the welfare programs.

CRITERION VII: Healthy Practices

The University has well-structured self-financing and need-based courses. Different statutory and non-statutory bodies cater to the quality checks that need to be made from time to time. The objective of the University to reach out to the tribal dominated community around is fairly satisfactorily reflected in its various activities.

1. The University has ensured that the number of working days does not remain at the prescribed minimum of 180 but goes far beyond that figure and reaches up to more than 200.
2. The University has introduced the UGC-recommended self-appraisal mechanism whereby the teacher is provided with an opportunity to turn the gaze inward and indulge in the beneficial exercise of an honest self-estimate at the end of the year.
3. For a University with a staff strength that does not reach the optimum level except in just a few departments, the teaching staff have won reasonably good recognition for their work as reflected by the awards won by them like FNA, Samanta Chandrasekhar award, and the Kendriya Sahitya Akademi award.
4. Apart from the Departments of Mathematics, Political Science, and History obtaining DRS from the UGC in recognition of their academic contribution, some Departments have active liaison with research promoting agencies like the Shastri Indo-Canadian Institute and Central laboratories whose facilities and support have been well utilized.
5. Some of the staff have been editors of professional journals which enables them to serve a wider spectrum of scholarly/professional interests.

6. Hostel facilities are fairly adequate with 5 Men's Hostels, 2 Women's Hostels, one Research Scholar's Hostel, and what is more important in a semi-urban location, a Working Women's Hostel which caters to the needs of women employees of the University.
7. A salutary feature of the employee welfare measures of the University is that the budgetary allocation of Rs.30 lakhs for medical aid to the employees is a sufficiently high figure to meet wide-ranging needs of the staff.
8. The Academic & Administrative Audit Committee, the Social Audit Committee, the Elders' Advisory Council are Committees meant to contribute to professional management of higher education and to create a teaching/research ambience in the University.
9. There is a Deer Park situated in a five-acre plot of land in the heart of the University campus, which serves as an experimental laboratory for the Zoology Department in addition to being a great recreational source.
10. The University has a Student Welfare Officer and a Cultural Coordinator who together promote student welfare and interest in general and extracurricular and extension activities in particular.
11. The University has enabled the running of an Oriya magazine, which is a forum for the creative expression of the faculty and the students. In a sense a journal of this kind can be turned into a forum for free thought.
12. The Department of Journalism and Mass Communication has brought out a news magazine, *The Bhanja Bihar Reporter*, which is a useful laboratory piece for the students of journalism. It also serves the function of building up an interface with the community.
13. Several Departments have fairly well-endowed libraries making reading material more easily accessible to students.
14. Some Departments conduct subject quiz tests on the lines of NET and help students acquire the focus and competitive spirit necessary for national level testing.

SECTION – 3:

Overall Analysis:

The Peer Team has examined and analysed various aspects of the functioning of the University. While expressing its satisfaction with the overall growth of the University so far it makes the following suggestions for enabling the University to enhance the quality of its teaching, research and infrastructure:




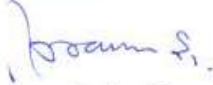

1. A vision plan for the next ten years submitted by the University to the Peer Team needs further improvement. A plan of action for resource generation and mobilisation may be evolved for the future integrated development of the University.
2. There is an urgent need to initiate interdisciplinary interactions. Schools and Centres of inter/multi disciplinary studies may be established in innovative/ emerging/need-based/utility-oriented areas on a priority basis to give the vision of the University a meaningful shape.
3. Obsolescence removal may be taken up and procurement of funds from AICTE and the UGC may be seriously pursued.
4. General and financial administration may be modernised to a greater degree with computer aid. There is a need to propagate the computer application culture in all teaching departments and centres of studies.

5. In the administrative reforms that are to be undertaken, there is an immediate need for improving and strengthening the internal audit system and updating the annual audits of university accounts.
6. A Curriculum Development Cell may be constituted with the specific task of overseeing the utility/job orientation that needs to be given to several courses of study.
7. A platform may be created for annual interaction between Principals of affiliated colleges and the Director of Higher Education, Government of Orissa.
8. Holding annual/half-yearly meeting of the Principals of affiliated colleges with the Vice-Chancellor will help build better rapport between colleges and the university administration and establish the colloquium necessary for hastening the pace of academic development.
9. Courses may be made to follow the semester pattern with continuous assessment for which within the University itself there is a model supplied by the Department of Electronics.
10. The Ph.D. programme, which is currently under revision needs to be carefully reviewed from the point of view of quality assurance
11. The Placement Cell is to be made more effective in its functioning and greater coordination between it and the various agencies around must be achieved.
12. The University has fairly good student amenities. The campus being situated at a distance of 12 km from Berhampur city and with quite a large residential area on the campus, facilities at the Health Centre need to be improved with Government support. The Health Centre can function by drawing specialist support on at least specified days in the week from the Medical College affiliated to the University. Limited in-patient, emergency medicare facilities should also be created in the campus on a priority basis. Special provision for medical care for girl students may be made.
13. Many of the Departments have requisite attainments to apply for SAP/DRS/DSA programmes. There is a need to encourage these departments to explore possibilities of obtaining improved funding under DST-FIST and other programmes.
14. The tapping of non-conventional energy sources is an important requisite for universities. In this regard it is suggested that with the help of appropriate bodies the University may create an Energy Park.
15. The University should make efforts to establish a Biotechnology Park.
16. The lush green vegetation on the campus can be turned to productive and planned use by an appropriate study of the land use pattern. This could also eventually be a resource-generating proposition for the University.
17. The Memoranda of Understanding arrived at on a limited scale by selected departments may be made into potent instruments of mutual enrichment. Consortium building at this stage would lead to a wider and more flexible pattern of evolving short-term courses of study that would exploit cutting edge technologies.
18. There is a rich collection of palm leaf manuscripts the preservation of which needs to be paid attention to.
19. It is also suggested that the fruits of the Information and Communication Technology revolution should be drawn on without loss of time and to march ahead in that direction the University should acquire Local Area Networking (LAN).
20. The R.P. Padhi Library has an enviable collection of over one lakh titles. But a sad feature of the Library's development is that the resource crunch has affected its journal subscription programme. The Library has not yet been brought under the INFLIPBET. It is therefore

- suggested that expeditious steps should be taken to acquire SOUL (Software for University Libraries) for the Library.
21. Since 1991, the University has been having only 20 departments of postgraduate study. Probably the resource crunch has affected the rapid and accelerated expansion of this University.
 22. In view of the financial stringency experienced by the University, it is suggested that, in addition to exploring avenues of internal resource generation, the University could approach the elected representatives for funds from the M.P. LADS and M.L.A. LADS for infrastructure development, for example, of the Library and the Computer Centre, two prime sources which place an institution in the firmament of the intellectual and knowledge community.
 23. The Departments of English and Linguistics could come together to offer a Diploma Course of six months duration aimed at communication skills development. This course is necessary in the ICT Revolution phase because a lot of emphasis on soft skills development and communication skills development is laid in a globalised competitive environment.
 24. The Harihar Mardaraj Distance Education Centre offers four P.G., three U.G., nine Masters, three Commerce courses. It is an important source of revenue generation for the University. In course material production, a lot of care should be taken to see that the material produced is learner-friendly.
 25. It is suggested that the Library should create two important cells: (i) a Competitive Examinations Material Cell and (ii) an SC/ST Text Book Cell.
 26. It is suggested that upgrading and expanding the facilities at the Computer Centre should be taken up on a priority basis. The Computer Centre and the Department of Computer Science can together contribute to in-house software development and also periodically hold training programmes for the non-teaching staff in computer literacy.
 27. The courses on Film Studies and Creative Writing could be made to transcend departmental boundaries and be made available to any postgraduate student as an extra credit non-subject course.

The Peer Team appreciates the teamwork of the teachers, non-teaching staff and the students of the University. The team wishes the University a bright future and all round development.

Names and Signatures of the Peer Team Members

1. 
Professor Ananda Deb Mukhopadhyay (Chairman)
2. 
Professor V. Krishna Kumar (Member)
3. 
Professor G. Kulandaivelu (Member)
4. 
Professor Bhupinder Brar (Member)
5. 
Professor C.R. Visweswara Rao (Member)

Name & Signature of the Vice-Chancellor

I agree with the Report

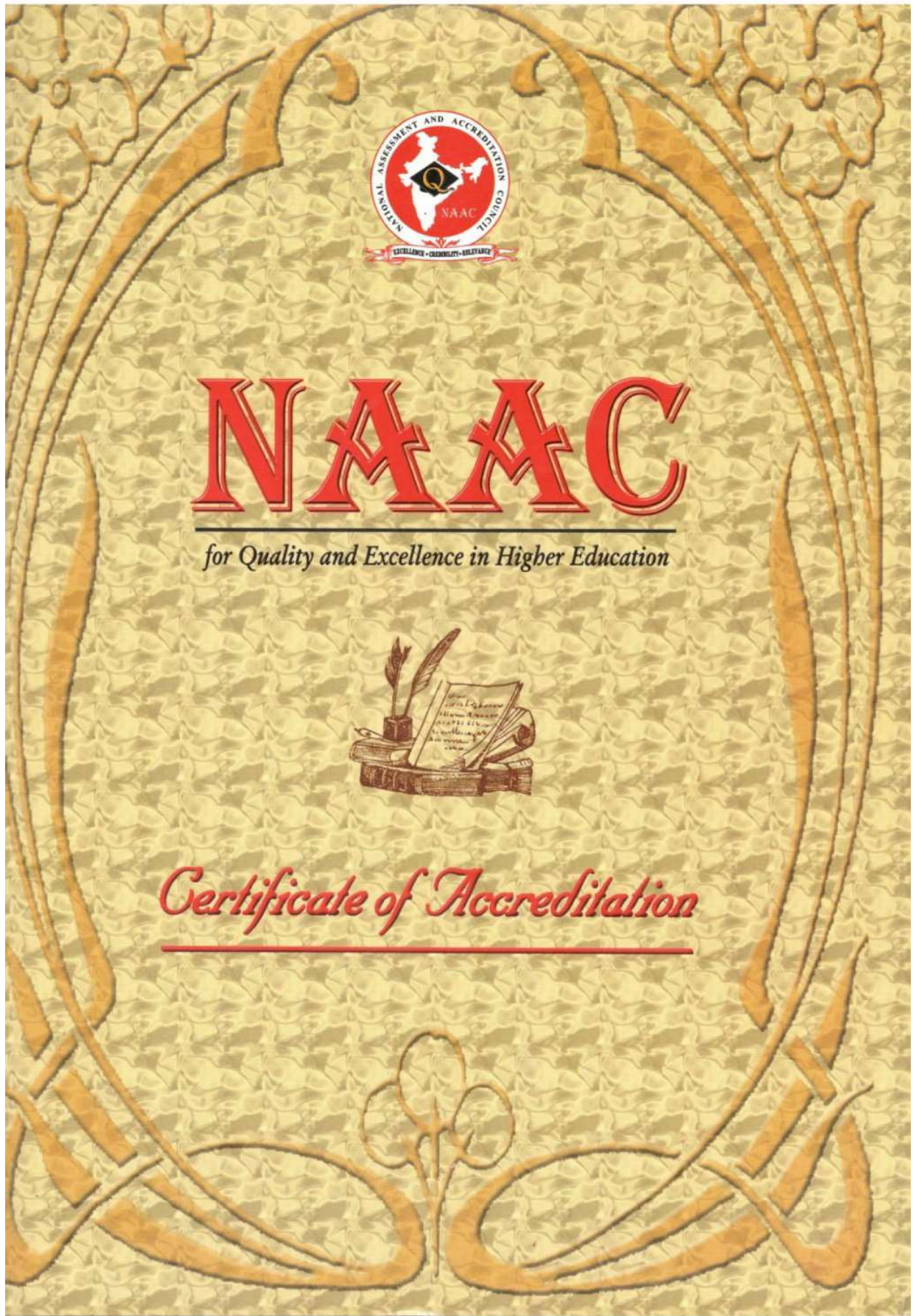


Vandanakumari Jena

25-7-20

Vice-Chancellor
Berhampur University







राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद्

विश्वविद्यालय अनुदान आयोग का स्वायत्त संस्थान

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

An Autonomous Institution of the University Grants Commission

Certificate of Accreditation

*The Executive Committee of the
National Assessment and Accreditation Council*

on the recommendation of the duly appointed

Peer Team is pleased to declare the

*Berhampur University
Bhanja Bihar, Berhampur, Orissa as*

*Accredited¹
at the B⁺ level².
(among the Universities)*

Date : October 01, 2002



*Indira
Director*

1. This certification is valid for a period of 5 (five) years with effect from the academic year 2002 - 2003.
2. An institutional score (%) in the range of 55-60 denotes C grade, 60-65 - C⁺ grade, 65-70 - C⁺⁺ grade, 70-75 - B grade, 75-80 - B⁺ grade, 80-85 - B⁺⁺ grade, 85-90 - A grade, 90-95 - A⁺ grade, 95-100 - A⁺⁺ grade.

Quality Profile

Name of the Institution: Berhampur University

Place: Bhanja Bihar, Berhampur, Orissa

Criterion	Criterion Score (Ci)	Weightage (Wi)	Criterion X Weightage (Ci x Wi)
I. Curricular Aspects	75	15	1125
II. Teaching-learning and Evaluation	74	25	1850
III. Research, Consultancy and Extension	78	15	1170
IV. Infrastructure and Learning Resources	75	15	1125
V. Student Support and Progression	73	10	730
VI. Organisation and Management	78	10	780
VII. Healthy Practices	72	10	720
		100	$\Sigma C_i W_i = 7500$

$$\text{Institutional Score} = \frac{\Sigma C_i W_i}{\Sigma W_i} = \frac{7500}{100} = 75.00$$

Unnikrishna
Director



राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद्

विश्वविद्यालय अनुदान आयोग का स्वायत्त संस्थान

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

An Autonomous Institution of the University Grants Commission

2/4, Dr. Rajkumar Road, P. O. Box. No. 1075, Rajajinagar, Bangalore - 560010, India

Phones : 080-3124045, 3124048 Fax : 080-3124047

e-mail : naac@blr.vsnl.net.in Website : www.naac-india.com

ANNEXURE-3.1

Workshops/ Training Programmes/Sensitizing Programmes conducted by the University

Sl. No.	Date	Organizing Department/ Centre	Title of the Seminar/Conference/Workshop	No. of participants
1.	25-26 September 2015	Business Administration	Two day Workshop on Skill Development	72
2.	02 August 2015	Mathematics	Training Workshop of All India Survey on Higher Education (AISHE) for Nodal Officers of Affiliated Colleges of Berhampur University	125
3.	23 March 2015	Marine Sciences	National workshop on Coastal Ocean Observations	60
4.	28 February, 2015	Physics	National Science Day	65
5.	07 February 2015	Odia	Workshop on “The Mahaprasad as Religious Resource (Economy of Jagannath Temple)”.	100
6.	27 July 2014	Commerce	Workshop on Financial Inclusion: A Road Ahead	78
7.	21 July 2014	IR & PM	One day workshop on the importance of International Youth Day organised by Restless Development	180
8.	08 March 2014	WSRC	Workshop on Celebrating International Women’s Day	210
9.	28 February, 2014	Physics	National Science Day	55
10.	31 January 2014	WSRC	Gender Sensitization Training for Berhampur University Students, sponsored by Government of Odisha	72
11.	30 January 2014	WSRC	Gender Sensitization Training for Berhampur University Students, sponsored by Government of Odisha	62
12.	29 January 2014	WSRC	Gender Sensitization Training for Berhampur University Students, sponsored by Government of Odisha	63
13.	28 January 2014	WSRC	Gender Sensitization Training for Berhampur University Students sponsored by Government of Odisha	68
14.	22 November 2013	WSRC	Workshop on Consultation with Students for inputs in to the “Formulation of the Odisha State Policy for Girl Child and Women”	113
15.	22-24 March 2013	Zoology & Biotechnology	Workshop on Application of Bioinformatics tools in Biological Science teaching and Research	20
16.	08 March 2013	WSRC	Workshop on “Celebration of International Women’s Day”	195
17.	28 February, 2013	Physics	National Science Day	60
18.	04 February 2013	WSRC	Workshop on “Stop Violence Against Women” OBR World Wide Campaign with NAWO, Odisha	254
19.	02 February 2013	Business Administration	Workshop on New Age Entrepreneurship through “ My story session	150
20.	27 July 2012	Economics	Second Census Data Dissemination Workshop on <i>Census 2011 – Housing,</i>	125

			<i>Household Amenities and Assets</i> , Organised in collaboration with Director of Census Operations, Odisha	
21.	22-23 March 2012	Zoology	Training Programme on Biotechnology and Bio-informatics Tools and Techniques”	17
22.	21 –22 March 2012	Biotechnology	Workshop on Biotechnology and Bioinformatics Tools and Techniques	18
23.	28 February, 2012	Physics	National Science Day	55
24.	18 November 2011	WSRC	Workshop on “Land Rights and Women”	64
25.	17 September 2011	WSRC	Workshop on “Radical Feminism in the Contextual Terrain of Odisha”	55
26.	16 September 2011	WSRC	Workshop on “Dignity of Women and Indian Mythology”	88
27.	29-30 September 2011	Business Administration	Workshop on Research Methodology	100
28.	07–08 May 2011	Economics	National Level Capacity Building Workshop on May 27, 2012: <i>Budgetary System of National and Sub-National Governments in India</i> , Sponsored by UGC, New Delhi; CBGA, New Delhi; and OBAC of CYSD.	130
29.	28 February, 2011	Physics	National Science Day	70
30.	31 December 2010	Home Science	Workshop on Youth Development in India	200
31.	04 December 2010	Commerce	Workshop Cum Interactive Session on Dimensions of India Stock Market Challenges & Opportunities	123
32.	29 June 03 July 2010	Biotechnology	Workshop on Bioinformatics in Sequence Analysis, Molecular Modelling and Drug Designing	31
33.	28 February, 2010	Physics	National Science Day	65
34.	08-09 February 2010	Marine Sciences	A workshop cum MB meeting was organized under the auspices of OASTC.	50
35.	25–27 January 2010	Biotechnology	Workshop on Sequence Analysis, Phylo-genetics & Structure Prediction of Bio-molecules.	22

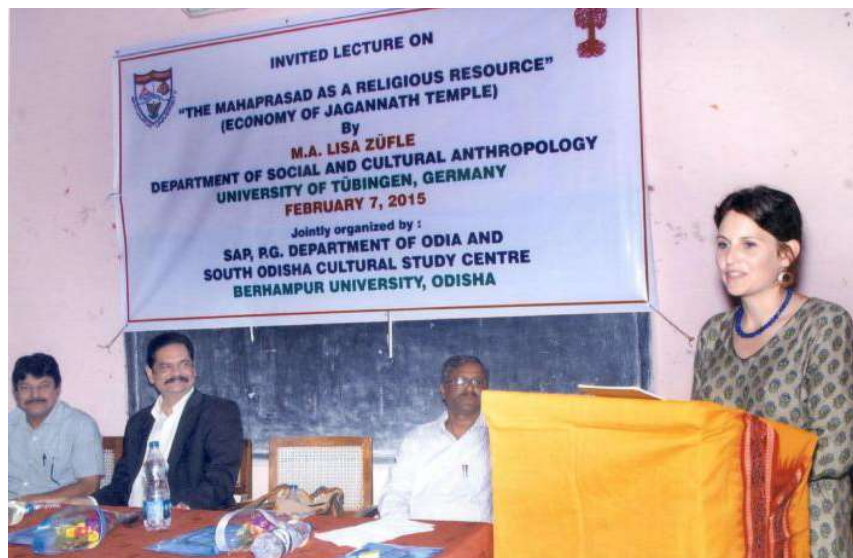
ANNEXURE 3.2

List of Overseas scholars who visited the University during 2010-15

Sl. No	Visitor's Address	Purpose	Date/s
1.	Laura Frost, Walsh College, USA	Delivered an invited lecture at Department of Business Administration	13 th February 2015
2.	Harold Mondol, Enterprises Solar Lamp, USA	Delivered an invited lecture at Department of Business Administration	13 th February 2015
3.	Dr. Lisa Züfle of Karl Eberhard University, Tübingen, Germany	Delivered lecture	7 th February 2015
4.	Mr. Maximilian Priester, Karl Eberhard University, Tübingen, Germany	Delivered an invited lecture at Department of Business Administration	7 th February 2015
5.	Prof. Mikhail A. Kuznetsov, Institute of Chemistry, Saint Petersburg State University, RUSSIA	International Conference on Innovative applications in Chemistry in Pharmacology and Technology	6-8 February 2015
6.	Prof. Jim-Min Fang, <i>Department of Chemistry, National Taiwan University, Taipei, 106, Taiwan.</i>	International Conference on Innovative applications in Chemistry in Pharmacology and Technology	6-8 February 2015
7.	Prof. Hidetoshi Yamada, School of Science and Technology, Kwansei Gakuin University, Japan	International Conference on Innovative applications in Chemistry in Pharmacology and Technology	6-8 February 2015
8.	Prof. Zbigniew Czarnocki, <i>University of Warsaw, Faculty of Chemistry, Pasteura 1, 02-093, Warszawa, Poland</i>	International Conference on Innovative applications in Chemistry in Pharmacology and Technology	6-8 February 2015
9.	Prof. Jim-Min Fang <i>Department of Chemistry, National Taiwan University, Taipei, 106, Taiwan</i>	International Conference on Innovative applications in Chemistry in Pharmacology and Technology	6-8 February 2015
10.	Prof. Karol Grela <i>Biological and Chemical Research Centre, Faculty of Chemistry, University of Warsaw, Pasteura 1, 02-093, Warsaw, Poland</i>	International Conference on Innovative applications in Chemistry in Pharmacology and Technology	6-8 February 2015

11.	Professor Roland Hardenberg and Dr. Andrea Hardenberg of University of Tübingen, Germany	Delivered Sadasiva Tripathy Memorial Lecture organised jointly by the Dept of Odia and South Odisha Cultural Study Centre	2015
12.	Ms. Prakuti Ramesh of the Aarhus University, Denmark	Extensive field surveys in collaboration with South Odisha Cultural Study Centre	September 2014
13.	Dr. Kurt Larsen of World Bank	Visited the University to make assessment of possible funding to BU by World Bank.	6 th May 2014
14.	Professor James J. Mc Hann Junior, Walsh College, Michigan, USA,	Fulbright Scholar, delivered several lectures invited by Department of Business Administration	February-March 2014
15.	Professor Roland Hardenberg and Dr. Andrea Hardenberg of University of Tübingen, Germany	Delivered Sadasiva Tripathy Memorial Lecture organised jointly by the Dept of Odia and South Odisha Cultural Study Centre	2014
16.	Dr. Oty Agbaioh Laoye, Monmouth University, New Jersey, USA	Delivered a Lecture in the Conference organised by Centre for Canadian Studies	January 2014
17.	Prof. Fr. Charles Borges, Professor, Loyola University, Maryland, USA	Invited Lecture organised by Centre for Canadian Studies, Berhampur University.	24 th July 2013
18.	Mr. Jim Nickle, Deputy High Commissioner in Canadian Embassy, New Delhi	Delivered keynote address at National Seminar Organised by Canadian Studies centre	18 -19 February 2012
19.	Prof. V. R. Neralla, Scientist, Environment Canada	Delivered an invited lecture on Global Warming, its impacts and challenges	19h January 2012
20.	Prof. M.P.Das, Canberra, Australia	Delivered lecture at the Dept. of Physics on Superconductivity-Centenary year of Discovery	19.12.2011
21.	Prof Somdev Tyagi, Philadelphia, USA	High T _c Superconductor	19.12.2011
22.	Professor David K Carson, Palm Beach University, Florida, USA	Conducted workshop on youth development in the Department of Home Science	31 st December 2010

Picture Gallery



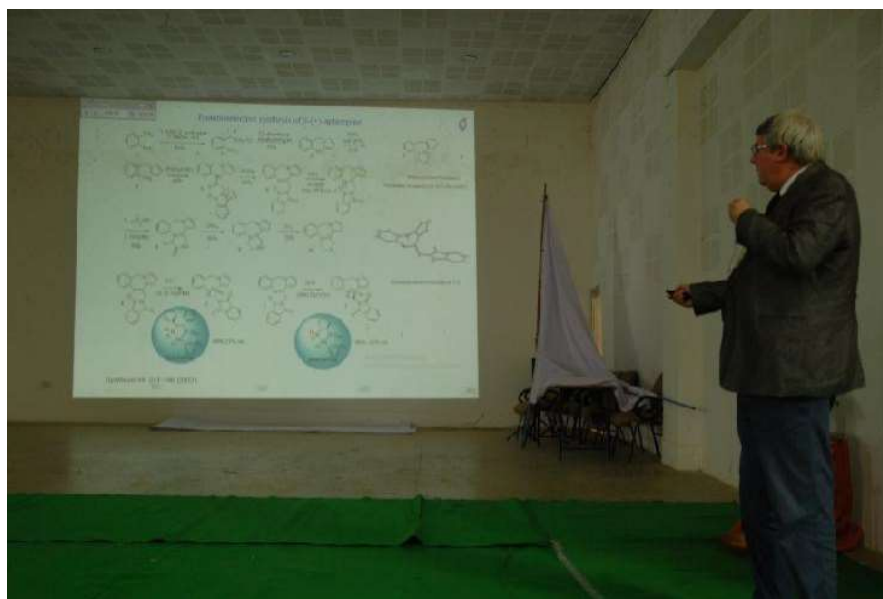
Dr. M.A. Lisa Zufle, University of Tubingen, Germany
delivering lecture on "The Mahaprasad as Religious Resource" on 07th February 2015



Prof. (Dr.) Karol Grela (University of Warszawa, Poland)
at an International Conference on Innovative Applications in Chemistry in Pharmacology and
Technology during 06-08 February 2015



Prof. Jim-Min Fang Department of Chemistry, National Taiwan University, Taiwan
at an International Conference on Innovative Applications in Chemistry in Pharmacology and
Technology during 06-08 February 2015



Prof. Zbigniew Czarnocki, University of Warsaw, Faculty of Chemistry, Poland
at an International Conference on Innovative Applications in Chemistry in Pharmacology and
Technology during 06-08 February 2015



Prof. Hidetoshi Yamada, School of Science and Technology, Kwansai Gakuin University,
2-1 Gakuen, Sanda 669-1337, Japan (Daughter, Ms. Mamo Yamada)

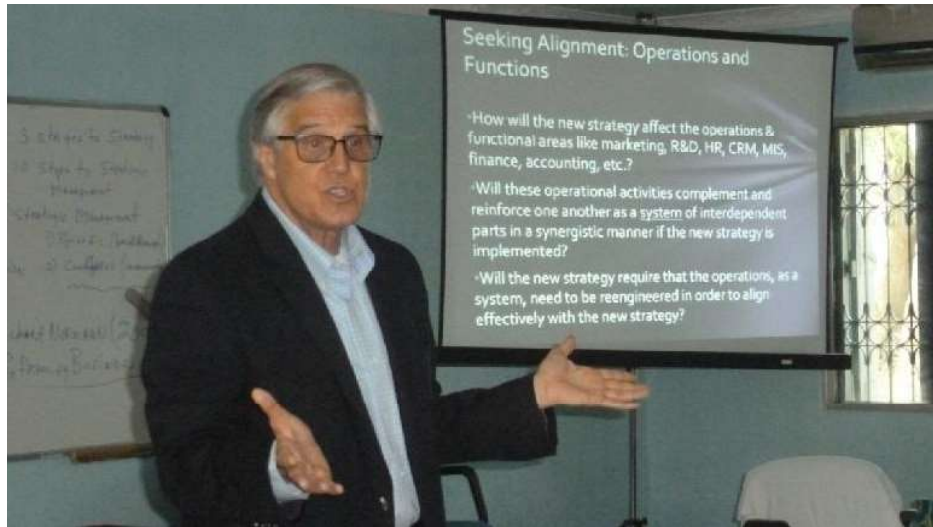
&

Prof. Jim-Min Fang *Department of Chemistry, National Taiwan University,*
Taipei, 106, Taiwan. (Wife), (Wu Pei-Chi Fang)

at an International Conference on Innovative Applications in Chemistry in Pharmacology and
Technology during 06-08 February 2015



Professor Roland Hardenberg and Dr. Andrea Hardenberg University of Tübingen, Germany
visited the University
at Prof. Benimadhab Padhy Memorial Lecture during 2015



Professor James J. Mc Hann Junior, Walsh College, Michigan, USA
and a Full Bright Fellow delivering lecture at the
Department of Business Administration during February-March 2014



Mr. Jim Nickel speaking on
Indo-Canadian relations

Mr. JIM Nickel Dy High Commissioner New Delhi
At National Seminar at Canadian Studies Centre BU



Prof. Fr. Charles Borges, S.J, Loyola University, Maryland, USA
Delivered an Invited Lecture on 24th July 2013 organized by Centre for Canadian Studies, Berhampur University.



Prof. V. R. Neralla, Scientist, Environment Canada
Delivered an invited lecture on Global Warming - Its Impacts and Challenges on 19th January 2012



Professor David K Carson, Palm Beach University, Florida, USA
Delivered Lecture at workshop on Challenges of Youth Development in the
Department of Home Science on 31.12.2010

ANNEXURE-3.3

National & International Conferences organized by the University

Sl. No.	Date	Organizing Department	Title of the Seminar/Conference/Workshop	No. of participants
1.	05-07 April 2015	Business Administration	International Seminar on Emerging Business Opportunities for Sustainable Development	150
2.	06-08 February 2015	Chemistry	International Conference on Innovative Applications of Chemistry in Pharmacology & Technology”	400
3.	20-21 July 2012	Mathematics	International Conference on Analysis and Applications(ICAA-2012)	150
4.	21-22 March 2015	Odia	National Seminar on “Dakhin Odishara Loka O Adibashi Sanskruti”	350
5.	20–21 December 2014	IR & PM	National Conference on the topic “Perspectives on Human Capital Formation and Utilisation in India”	250
6.	12-13 April 2014	Chemistry	National Seminar on “Emerging Trends in Chemical Sciences” in collaboration with Saraswati Vidya Mandir, Neelakantha Nagar, Berhampur	250
7.	12 August 2014	MSW	National Seminar on Role youth in Community Development	150
8.	05-06 May 2014	Physics	National Seminar on “Recent advances in Physics”.	146
9.	29-30 March 2014	Odia	National Seminar on “Dakhin Odishara Adibasi Sanskruti”	195
10.	10 th & 11 th Jan, 2014	Centre for Canadian Studies	National Seminar on “Indigenous People and Their Rights: Issues and Challenges”	120
11.	12 th & 13 th Mar, 2014	Centre for Canadian Studies	National Seminar on “Internal Security : An Indo-Canadian Perspective”	105
12.	28–29 September 2013	IR & PM	Organised a two day UGC sponsored National Conference on Child Labour in collaboration with Chikiti Mahavidayala, Chikiti.	220
13.	17 April 2013	Odia	National Seminar on “Upendra Bhanja”	150
14.	25-26 February 2013	Marine Sciences	National Seminars on Marine Biodiversity and Coastal Pollution,	100
15.	08-09 February 2013	Computer Science	UGC Sponsored National Seminar on Advances in Information and Communication Technology (NSAICT-2013)	120
16.	30-31 January 2013	English	“National Seminar On Post Modernism In Literature”	56

17.	19-20 January 2013	Political Science	UGC Sponsored National Seminar on Indo-US Relations in the 21 st Century	50
18.	22-23 December 2012	IR & PM	National Conference on Perspectives on Employment Relations	240
19.	13-14 October 2012	Chemistry	National Seminar on “Green Chemistry: Solution to Environmental Crisis”	280
20.	28-29 September 2012	History	National Seminar on “Upliftment of the Downtrodden and Social Reform Movements in Orissa.”	81
21.	10-11 June 2012	Zoology	National Seminar on “Man and Environment”	154
22.	23-25 March 2012	Odia	National Seminar on “South Odishara Pradarshana Shila Kala”	250
23.	17-18 March 2012	WSRC	UGC sponsored National Seminar on “Women in Local Governance”	210
24.	24-25 Feb ruary 012	Marine Sciences	National Seminars on Integrated Coastal Zone Management,	100
25.	21-22 January 2012	History	National Seminar and 33 rd Annual Session of Odisha History Congress	156
26.	08-09 January 2012	Botany & Zoology	National Seminar Ecotoxicology and Human Health	110
27.	21-22 December 2011	Law	National Seminar on : “Intellectual Property of Rights: Issues and Challenges”	200
28.	26-27 November 2011	Chemistry	National Seminar on “Frontiers in Recent Chemical Research”	260
29.	04-05 May 2011	Home Science	National Conference on Maternal & Child Health: A Millennium Development Goal.	250
30.	29-30 March 2011	Journalism & Mass Communicatio n	UGC National Seminar on “Media Audit: Need for Greater Accountability, Transparency and Responsibility	190
31.	12-14 March 2011	History	National Seminar on “Social Protest Movements in Orissa Since Early Times”.	71
32.	11-12 March 2011	Odia	National Seminar on “ Odia LokaSahityara Sima O Sambhbana”	230
33.	19-20 February 2011	Commerce	National Seminar and 31 st All Orissa Commerce Conference	220
34.	28-29 December 2010	Chemistry	National Seminar on “Industrialization Induced Environmental Crisis and its Cure”	320

35.	22-23 December 2010	Mathematics	National Conference on Recent Trend in Mathematical Analysis and Applications (NCRTMAA-2010)	126
36.	18-19 December 2010	IR & PM	Organising a National Conference on "Business Ethics and Corporate Social Responsibility"	190
37.	11-12 December 2010	Political Science	National Seminar and XXV Annual Conference Odisha Political Science Association	150
38.	27-28 November 2010	History	National Seminar on "Evolution of Orissan Society and State Since Early Times".	61
39.	25 November 2010	Pharmacy	National Seminar on "Safety first with medicines-ask your Pharmacist"	40
40.	18 April 2010	Law	National seminar on : "Reputes of the Old aged Person"	100
41.	28-29 March 2010	Zoology	National Seminar on Modern Biology and Human Welfare	120
42.	19-21 March 2010	History	National Seminar on "Anti Colonial Tribal Movements in Orissa."	51
43.	09-10 March 2010	Canadian Centre	National Seminar on "Democracy, National and Ideology Indo-Canadian Perspective".	70

Annexure-3.4**VISIT OF EMINENT PERSONS TO THE UNIVERSITY FOR DELIVERING LECTURES, PARTICIPATION IN SEMINARS, CONFERENCES AND WORKSHOPS****BOTANY**

- Dr. Sujit Kumar Bhutia Professor & Head, Dept. of Life Sciences, NIT, Rourkela delivered a lecture on “Autophagy: Cancer’s friend or foe?” on 22.08.14.
- Dr. Manish Mishra, National Institute of Forest Management, Bhopal delivered a lecture on “Environmental change and its impact on NIFPs in central India” on 09.02.13.
- Dr. A. N. Misra, Professor, Dept. of Biotechnology, Central Univ. Jharkhand delivered a lecture on “Photosynthesis” on 29.01.13.
- Dr. S.C. Sabat, Professor & Senior Scientist, ILS, Bhubansewar delivered a lecture on “Over expression of rice *CAT-B* in *Arabiopsis* protects chloroplast against photo-oxidative injury: a transgenic study” on 20.08.2011.
- Dr. A. N. Misra, Professor, Dept. of Biotechnology, Central Univ. Jharkhand delivered a lecture on “Nano technology in food and agriculture” on 26.03.2011.
- Dr. N.C. Sahu, Professor delivered a lecture on “Economics of Global warming” on 12.11.2010.
- Dr. P.K. Chand, Professor & Head, Dept. of Botany, Utkal University delivered a lecture on “Engineering and upscaling in vitro cultures for commercial production of secondary metabolites” on 09.10.2010.
- Dr. P.K. Chand, Professor & Head, Dept. of Botany, Utkal University delivered a lecture on “Protoplast fusion for production of somatic hybrids and cybrids” on 08.10.2010.

BUSINESS ADMINISTRATION:

- Mr. Syed Shaffiuddin, Asst. Manager, Wipro delivered a lecture on “Carer planning in Wipro” on 02.05.2015.
- Dr. Sashi Bhusan Mishra, Professor, EDI, Ahmadabad delivered a lecture on 18.03.2015.
- Dr. G. Tulasi Rao, Professor, BR Ambedkar University, Srikakulam delivered a lecture on 19.02.2015.
- Prof. James C McHann, Fulbright Scholar, USA delivered a lecture on 14.02.2015.
- Dr. Laura Frost, Walsh College, USA delivered a lecture on 13.02.2015.
- Shudhajit Hotta, Sr. Director, Zenkem Pharma delivered a lecture on 09.02.2015.
- Dr. Maximillian Priester, Professor, University of Tubingen delivered a lecture on 06.02.2015.

- Mr. P. K. Sahu, Tata Steel Processing & Distribution Ltd. delivered a lecture on 20.11.2014.
- Dr. Mehul Chauhan, XIMJ, Jabalpur delivered a lecture on 18.11.2014.
- Dr. P. Srinivas Rao, AMC City Institutions delivered a lecture on 19.04.2014.
- Mr. Bijay Mohan Pattnaik, Div. Manager, Mitra S.K. Pvt. Ltd. delivered a lecture on 20.03.2014.
- Dr. M. K. Singh, Professor & Registrar, National Institute of Technology, Mizoram delivered a lecture on 12.03.2014.
- Dr. Sanjay Kumar Patra, Professor in Marketing, XLRI delivered a lecture on 08.03.2014.
- Dr. Satyabhushan Das, IIM, Lucknow delivered a lecture on 07.03.2014.
- Mr. M. Dhananjay Reddy, Subham Plast delivered a lecture on 29.04.2013.
- Dr. James McHann, Professor, Walsh College, USA delivered a lecture on 08.03.2013.
- Mr. Angsu Barua, Sr. Manager (F&A), NTPC Ltd. delivered a lecture on 23.04.2013.
- Mr. Kaushik Sinha, DGM, State Bank of India Z.O. Berhampur delivered a lecture on “Motivational Talk” on 01.03.2013.
- Dr. Manoj Kumar Das, IITM, Gwalior (MP) delivered a lecture on 17.02.2013.
- Maj. A. K. Srivastava, Army AD College, Odisha delivered a lecture on “Motivational Talk” on 07.02.2013.
- Dr. B. Mohan Venkat Rao, Professor, Andhra University delivered a lecture on 05.02.2013.
- Dr. Arabinda Kumar Rath, Chairman & MD, Hemalata Hospitals, Bhubaneswar delivered a lecture on 02.02.2013.
- Kalyan Patnaik, General Manager, SAB Miller, India delivered a lecture on “Corporate Interaction” on 26.09.2012.
- Dr. Suresh M Arckatty, MD, Spequa Consultant, Secundrabad delivered a lecture on “Placement tips” on 21.8.2012.
- Mr. Bobby Varanasi, CEO, Matryzal Consultancy delivered a lecture on “Motivational Talk” on 21.03.2012.
- Mr. H. Hina Sultana, CRE, HRE & HR Recruiter Team Work mgt. Sermics Pvt. Ltd. Delivered a lecture on “Hospitality is work praising” on 01.03.2012.
- Dr. Sanjaya Kumar Patra, Professor, XLRI delivered a lecture on “Student Interaction” on 29.02.2012.
- Mr. Akshya Kumar Mahapatra, delivered a lecture on “Development of Alumni” on 27.12.2011.

- Dr. Asish Kumar Srivastava, delivered a lecture on 21.12.2012.
- Dr. Gopabandhu Mishra, Professor, Utkal University, delivered a lecture on 29.11.2012.
- Mr. Dillip Khuntia, delivered a lecture on 22.11.2011.
- Mr. Sailendra Samataray, delivered a lecture on “Placement Tips”.
- Mr. Bibhudutta Acharya, delivered a lecture on “Soft skill development” on 05.10.2010.
- Dr. Durga Prasad Samantary, delivered a lecture on “Equity valuation with case based approach” on 25.8.2010

CHEMISTRY:

- Prof. K.S. Patel, Pt.R.S. University, Raipur delivered lectures during 2013-14
- Prof. G. C. Pradhan, Utkal University delivered lectures from 27.02.12 to 12.03.12 and 18.02.13 to 04.03.13
- Prof. P. Mohanty, Utkal University delivered lectures during 10.01.12 to 08.02.12
- Prof. D. C. Dash, Sambalpur University delivered lectures from 07.09.11 to 24.09.11 and 16.07.12 to 14.08.12
- Prof. A.K. Mishra, Vidyasagar University, delivered lectures during 2011-12
- Prof. A.K. Mishra, IIT Madras, delivered lectures during 2011-12
- Prof. U.L. Narayana, IGIP, BBSR, delivered lectures during 2010-11
- Prof. R. R. Jha, Ranchi University, delivered lectures during 2010-11
- Prof. B. Behera, Sambalpur University, delivered lectures from 26.10.10 to 05.12.10

COMMERCE

- Mr. A.P. Mohapatra, UGC Teacher Fellow, Berhampur, University delivered a lecture on “Stock Market Operations: Mechanics of Stock Trading” on 06.09.2014.
- Dr. K. Srinivasan, Asst. Professor, Christ University, Bangalore delivered a lecture on “Stock Market Operation: An Over View” on 16.07.2014.
- Mr. Pradipta Rathi Panda, Research Scholar, Indian Institute of Capital Market in Mumbai delivered a lecture on “Risk- Return analysis” on 07.03.2014.
- Sri Siba Prasad Sahu, Director Commerce Zone, Rayagada delivered a lecture on “Soft Skill Communicative English” during 27.2.2013 to 2.3.2013.
- Dr. G. K. Pradhan, Addl. Director & CH Regional Coordinator, PCRA Indian Oil, delivered a lecture on “Energy Conservation & Awareness” during 18-21 January 2013.

- Mr. Bipin B. Dutta, Secretary BBSR Stock Exchange delivered a lecture on “Selected Issues on Stock Market Operation” on 13.10.2012.
- Sri Siba Pr. Sahu, Director Commerce Zone, Rayagada delivered a lecture on “Soft Skill Development” during 05.10.2012 to 06.10.2012.
- Sri Siba Pr. Sahu, Director Commerce Zone, Rayagada delivered a lecture on “Soft Skill Development” during 28.03.2012 to 31.03.2012.
- Sri Siba Pr. Sahu, Director Commerce Zone, Rayagada delivered a lecture on “Soft Skill Development” during 27-29.02.2012.
- Dr. Bhabani Pr. Panda, Professor, Dept. Of Law, Berhampur University delivered a lecture on “Criminal Justice System of India” on 16.02.2012.
- Sri Siba Pr. Sahu, Director, Commerce Zone, Rayagada delivered a lecture on “Soft Skill Development” on 15.02.2012.
- Mr. Madhu Sudan Padhy, Vice President Operational, Seven Hill Groups of Company. Mumbai delivered a lecture on “Business Studies-Health Care Sector: A Corrective approach” on 02.12.2011.
- Dr. Manmath K. Nayak, delivered a lecture on “Career Prospects Dual Degree Concept” on 16.11.2011.
- Dr. Akshya K. Jena, delivered a lecture on “Career Prospects Dual Degree Concept” on 16.11.2011.
- Mr. Niranjana Panigrahi delivered a lecture on “Career Prospects Dual Degree Concept” on 16.11.2011.
- Sri Nihar Ranjan Panda, Sr. Manager Axis Bank, Operation Head, Berhampur delivered a lecture on “Recent Developments in Banking Sector” on 10.09.2011.
- Miss Sagarika Sahu, Angel Banking Firm, Vapi, Gujrat delivered a lecture on “Campus to Corporate” on 06.04.2011.
- Dr. Bhagabat Patro, Professor, Dept. of Economics, Berhampur University delivered a lecture on “Dimension of Budgetary Policy of India” on 13.11.2010.
- Prof. Dibakar Panigrahy, Dept. of Business Administration, Berhampur University delivered a lecture on 18.09.2010.
- Sri R.K Das, Tech. Director, Scientist-E, NIC-BAM, delivered a lecture on “Computer Appl. (G. To B)” on 27.08.2010.

COMPUTER SCIENCE:

- Mr. Deepak Kumar Sahu, Publisher & Editor-in-Chief Var India, delivered a talk on “Bridging the gap between the Industry requirements and University curriculum” on 29 December, 2014.

- Debanandan Tripathy, Client Partner, Automotive Business Development, Tata Consultancy Services delivered a talk on “Future of Software Industry” on 29 December, 2014.

ECONOMICS:

- Dr. M. Sundar Rao, Professor, School of Economics, Andhra University, A.P. delivered lectures during 2014.
- Dr. M. Chandreya, Professor, Dept. of Economics, Dr. B.R. Ambedkar University, Echarla, Srikakulam, A. P. delivered lectures during 2014.
- Dr. B. Sambasiva Rao, Professor, Dept. of Economics, Acharya Nagarjuna University, A.P. delivered lectures during 2014.
- Dr. Kanak Kanti Bagchi, Professor, Dept. of Economics, North Bengal University, Darjeeling, West Bengal delivered lectures during 2013.
- Dr. M. Chandreya, Professor, Dept. of Economics, Dr. B.R.A. University, Srikakulam, AP. delivered lectures during 2013.
- Dr. Prana Krushna Pal, Professor, Dept. of Economics, Rabindra Varati University, B.T. Road, Kolkata, West Bengal delivered lectures during 2013.
- Dr. K. Sreeram Murty, Professor, School of Economics, Andhra University, Visakhapatnam, Andhra Pradesh delivered lectures during 2012.
- Dr. Bimal Mohanty, Retd. Professor, Ravenshaw University, C/O N. Pati, Kalyani Nagar, Madhupatna, Cuttack delivered lectures during 2013.
- Surendra Kumar Lenka, AGM, Indian Overseas Bank Kolkata delivered lectures during 2011.
- Dr. Sudhansu Rath, Professor, Dept. of Economics, Sambalpur University, Jyoti Vihar, Burla, Odisha delivered lectures during 2011.
- Dr. R. Sudarsana Rao, Professor, School of Economics, Andhra University, Visakhapatnam, Andhra Pradesh delivered lectures during 2011.
- Dr. P.K. Tripathy, Professor, Dept. of Economics, Sambalpur University, Jyoti Vihar, Burla, Odisha delivered lectures during 2010.
- Dr. D.P. Pal, Professor, Dept. of Economics, Kalyani University, and West Bengal delivered lectures during 2010.

ELECTRONIC SCIENCE:

- Dr. Girish Kumar, Professor, IIT, Bombay, delivered a lecture on 30.1.2014.
- Dr. C.K. Sarkar, Professor, Jadavpur University, Kolkata, delivered a lecture on 10.08.2010 and 30.01.2014
- Dr. D. R. Poddar, Professor, Jadavpur University, Kolkata, delivered a lecture on 12.09.2011.

- Dr. S. S. Pattnaik, Professor, NITTTR, Chandigarh, delivered a lecture during June, 2010.

ENGLISH:

- Dr. Sushil Sharma, Professor, Allahabad University, delivered a lecture on “American Literature” on 12.11.2014.
- Dr. Carole Barrett, Professor and Fulbright Alumnus delivered a lecture on “Tribal Studies: India and America” on 18.01.2013.
- Dr. Sissy Helff, Professor Of English, Goethe University, Frankfurt, Germany delivered a lecture on “Post Colonialism And World Literature” on 12.11.2012.
- Dr. Amulya Kishore Purohit delivered a lecture on “English Studies” on 06.04.2011.
- Dr. Panchanan Mahanty, Professor, Central University Hyderabad, delivered a lecture on “English Studies” on 06.04.2011.
- Prof. Edward O’Shea, SUNY, USA delivered a lecture on “Wife mother and Terrible Mother in the Poetry of W. B. Yeats” on 26.03.2010

HISTORY

- Dr. B.P. Sahu, Professor, Delhi University, New Delhi delivered a lecture during 2012.
- Dr. G. Venketraman, Professor, University of Madras, Chennai delivered a lecture during Sept. 2012.
- Dr. R.C. Thakaran, Professor, Delhi University, New Delhi, delivered a lecture during Sept. 2012.
- Dr. Smt. M. Jamuna, Professor, Bangalore University, Bangalore delivered a lecture during 2012.
- Dr. Ranjan Chakrabarti, Professor, Jadavpur University, Kolkata delivered a lecture during 2012
- Dr. Deepak Kumar, Professor, JNU, New Delhi delivered a lecture during 2012.
- Dr. B Surend Rao, Professor, Manglore University, Manglore delivered a lecture during 2011.
- Dr. Y. Vaikuntham, Professor, Osmania University, Hyderabad delivered a lecture during 2011.
- Dr. Smriti Kumar Sarkar, Professor, Kalyani University delivered a lecture during 2011.
- Dr. Dilbagh Singh, Professor, JNU New Delhi, delivered a lecture during March 2010.

HOME SCIENCE

- Organized one day workshop on 31 December, 2010 on the topic entitled “Youth Development in Contemporary Indian Society”. Prof. David K. Carson of University of Florida, USA attended the workshop as an external expert.

- Two days National Seminar on “Maternal and Child Health- A Challenge of the Millennium Development Goals” was organized 4-5 May, 2011. Prof. Sunita Mishra Professor, Baba Sahib Ambedkar Central University, Lucknow, UP; Dr. Aruna Palta and Dr. A. Joglekar, Pt. Ravi Sankar Univ., Raipur, Chhatisghargh were the invited speakers for the seminar.

IR & PM

- Sri K.D.R. Achary, Dy. Chief Labour Commissioner (Central), delivered a lecture on “Labour Reforms and Importance of Recent Amendment in the Industrial Disputes Act 1947” during September, 2012.
- Sri T.S. Babu, Vice-President, S.E.W, Hyderabad, delivered a lecture on “HR Best practices in India” during July, 2012.
- Mr. Bimal Prasad Sarma, Executive Director, Bank of India, delivered a lecture on “Career growth and choice in Banking Industry” during November, 2012.
- Sri Meena Prakash, DGM(HR), Hindalco Industries Ltd. delivered lecture on “Compensation and Benefits on Organisation” during March, 2013.
- Dr. B.C. Barik, Vice-Chancellor, Sambalpur University delivered a lecture on “Problems of Migrant Labour in South Odisha” on 02.08.2014.
- Prof. Gopal Chandra Rath Memorial Lecture on “Organisation Aligend Talent Strategy”, was delivered by Sri P.K.Panda, Group President (HR), Adani Enterprises Ltd. on 05.09.2014.
- Prof. P. Narasimha Rao, Professor, Department of Public Administration & HRM, Kakatiya University, Warangal, Andhra Pradesh, delivered a talk on Industrial Relations Issues in the present context on 7th November 2014.
- Dr. R.D Sampath Kumar, Professor, Andhra University, delivered a lecture on Importance of social work to the students of IR & PM during November, 2014.
- Dr. Mehul Chouhan, Head, CSR, XIDAS Jabalpur Conducted Community Case work in NSS Adopted Village for two days during March, 2015.
- Ms. Deepika Patanaik, Programme Officer, Restless Development , delivered a talk on Role of NGOs on Youth development during May, 2015.
- Mr. Madan Biswal, District Coordinator, UNICEF, delivered a talk on Role of Community worker in Personal Hygiene and Sanitation- a case of Ganjam and Gajapati district during July, 2015.
- Mr. Sunil Kumar Sahu, Asst. Labour Commissioner (Central), delivered a talk on Career choices and Prospects in PSU during August, 2015.
- Mr K.C. Sahu, HR Executive from National Hydro Power Corporation Limited (NHPC), Leh Unit, visited the department and interacted with the students of both Semester-I & III of the IR & PM department during March, 2015.
- Conducted academic-industrialist interaction sessions in the month of June and September inviting eminent persons like Mr. Satya Satapathy, Asst. VP (HR) of J. B. Morgan Group

and Mr. K. C. Sahu, Manager (P & IR). Mr. G. P. Mishra, GM(HR). of J. K. Paper during July, 2011 delivered a lecture and interacted with the students.

JOURNALISM AND MASS COMMUNICATION

- Dr. Mrinal Kumar Chatterjee, Professor, IIMC Dhenkenal delivered a lecture on “Photo Journalism” on 16.08.2014.
- Ms. Deepali Sharma, *The Samaja* delivered a lecture on “Challenges of News Reporting” on 04.02.2013.
- Mr. Sankar Behera, (*MBC TV*) delivered a lecture on “Challenges of News Reporting” on 04.02.2013.
- Ms. Madhupriya Mishtri, (*Naxatra News*) delivered a lecture on “Challenges of News Reporting” on 04.02.2013.
- Ms. Sabita Padhi, *Dharitree* delivered a lecture on “Challenges of News Reporting” on 04.02.2013.
- Sai Kishore Sahu, Bulletin Producer, Kanak TV, BBSR delivered a lecture on “Production of TV News Bulletin” on 15.01.2013.
- Dr. B.C. Choudhury, Professor, Berhampur University, delivered a lecture on “Emerging Trends in Odia Media and Entertainment” on 21.07.2012.
- Ms. Chirasrota Jena, Faculty, Ravenshaw University delivered a lecture on “Media Management” on 17.03.2012.
- Chinu Bohidar, MBC TV delivered a lecture on “Camera (Basic shots and Angles)” on 07.03.2012.
- Mr. Sisir Bhattamisra, News Chief, STV delivered a lecture on “TV Reporting” on 03.03.2012.
- Ms. Atasi Parichha Patnaik, Producer, Tarang (OTV) delivered a lecture on “Television Production” on 29.02.2012.
- Mr. Debasis Mishra, News Producer, OTV delivered a lecture on “Visual Communication: Communicating through still pictures and video” on 22.02.2012.
- Dr. N.K. Tripathy, Professor delivered a lecture on “Freedom of Press” on 16.11.2011.
- Dr. Bhabani Prasad Panda, Professor delivered a lecture on “Trial by Media” on 02.11.2011.
- Dr. Amiya Kumar Parichha, Professor delivered a lecture on “Contemporary Political Landscape in South Asia” on 14.09.2011.
- Dr. Shisir Kumar Panda, Professor delivered a lecture on “History of Oriya language Journalism” on 20.08.2011.
- Dr. B.C. Choudhury, Professor delivered a lecture on “Indian Press and Freedom Struggle” on 03.08.2011.

LAW

- Dr. A. Subramanyum, Professor delivered a lecture on “Problems and Prospects of Panchayat Raj System” on 28.10.2010.
- Dr. S.S. Chatterjee, Professor delivered a lecture on “Problems and Prospects of Panchayati Raj System” on 28.10.2010.

LINGUISTICS

- Dr. Oty Agbajoh Loyge, Professor, Manmonth University, New Jersey, USA delivered a lecture during 10-11, January, 2014.

MARINE SCIENCES

- Dr. Jagannath Swain, Scientist-F, NPOL, DRDO, Cochin delivered a lecture on “Role of Oceanography in Naval Defence” on 21.07.2015.
- Dr. P. Kumar, Sr. Scientist, Odisha Space Applications Centre, Bhubaneswar delivered a lecture on “Remote Sensing applications for natural resource management in Odisha” on 20.07.2015.
- Dr. P. Mishra, SCIENTIST, ICAMA-PD, Chennai delivered a lecture on “Water Quality monitoring and prediction along Chennai coast” on 16.07.2015.
- Dr. Ranadhir Mukhopadhyaya, NIO, Goa delivered a lecture on “Coastal ocean observation” on 23.03.2015.
- Dr. G.N. Nayak, Professor, Goa Unievrsity, Goa delivered a lecture on “Coastal ocean observation” on 23.03.2015.
- Dr. P. Bhanumurthy, Andhra University, Visakhapatnam delivered a lecture on “Coastal ocean observation” on 23.03.2015.
- Dr. S. Pattanaik, IIT, Bhubaneswar delivered a lecture on “Coastal ocean observation” on 23.03.2015.
- Dr. R.N. Samal, Scientist, CDA, Bhubaneswar delivered a lecture on “Coastal ocean observation” on 23.03.2015.
- Dr. K.C. Gouda, CMMACS, NAL, Bangalore delivered a lecture on “Extreme weather events and their forecast using numerical models” on 22.08.2014.
- Mr. Umesh C. Pradhan, East China Normal University, China delivered a lecture on “Chemical and geochemical exploration methods” on 15.03.2013.
- Dr. William K. Mohanty, IIT, Kharagpur delivered a lecture on “Seismic Zonation and microzonation in India” on 04.02.2011.
- Dr. K.S.R. Murthy, Emeritus scientist, NIO Regional Centre, Visakhapatam delivered a lecture on “Geophysical Methods in hydrocarbon exploration” on 03.02.2011.
- Dr. Sushen Krishna Das, IIT, Kharagpur delivered a lecture on “How Did Life Get Here-by design or by chance” on 22.07.2010.

- Dr. Purusottamam Jagarnath Das, IIT, Kharagpur delivered a lecture on “Evolution of Computers” on 22.07.2010.
- Mr. P. Jayakumar, CP Aqua, Andhra Pradesh delivered a lecture on “Shrimp hatchery and its management” on 30.04.2010.

MATHEMATICS

- Prof. S. Patanaik, Director, Institute of Mathematics and Applications, Bhubaneswar, Odisha delivered a lecture on “Quadratic forms” on 13.03.2014.
- Dr. U. K. Misra, Former Faculty Member, Dept. of Mathematics, Berhampur University delivered a lecture on “Fourier Series” on 06.04.2013.
- Prof. P. K. Banerji, Professor Emeritus, President, All India Mathematical Society, JNV University, Jodhpur delivered a lecture on “Basic Mathematics” on 05.04.2013.
- Dr. P.C. Biswal, Asst. Professor, Parala Maharaja Engineering College, Biju Patnaik University of Technology, delivered a lecture on “Tree Enumeration” on 07.03.2013.
- Dr. A. K. Misra, Dept. of Mathematics, Berhampur University delivered a lecture on “Remembering Ramanujan” on 22.12.2012.
- Dr. Manoranjan Mishra, I.I.T. Ropar, Punjab delivered a lecture on “Mathematical Modelling of a hydrodynamical instability in a porous media” on 21.12.2012.
- Dr. P. Gochhayat, Dept. of Mathematics and Applied Mathematics, University of Pretoria, South Africa delivered a lecture on “An extension of the Chebyshev Polynomial” on 21.12.2012.
- Prof. R. K. Mishra, Dept. of Electronic Science, Berhampur University delivered a lecture on “A Paradox of 1695 that is Throwing useful Consequences Today” during 2011.
- Prof. J. Panda, Dept. of Commerce, Berhampur University delivered a lecture on “Tests of Significance” during 2010.

ODIA

- Dr. K.C. Pradhan, Professor delivered a lecture on “Editing in Odia literature” on 20.03.2015
- Dr. Khageswar Mahapatra, Professor delivered a lecture on “Charyagitika: A Critical Study” on 20.03.2015.
- Dr. Samar Mudali, Professor delivered a lecture on “Dramas of Southern Odisha” on 18.09.2014.
- Dr. Narayan Sahu Professor delivered a lecture on “21st Odia Drama” on 09.05.2014.
- Dr. Bauribandhu Sahu Professor delivered a lecture on “Medieval Odia literature” on 15-31.03.2014.
- Dr. P.C. Mishra Professor delivered a lecture on “Ancient Odia Literature/Rock inscriptions of Lord Sri Jagannath” on 15-31.03.2014.

- Dr. Narayan Sahu, Professor delivered a lecture on “Post independent Odia Drama” on 08.01.2014.
- Prof. U.N. Sahu delivered a lecture on “Modern Odia Poetry” on 27.06.2013.
- Dr. Sarat Kumar Jena delivered a lecture on “Hero concept in Odia Novel” on 16.09.2013.
- Dr. Premananda Mahapatra delivered a lecture on “History of Odia Literature” on 16.06.2013.
- Prof. U.N. Sahu delivered a lecture on “Modern Odia Long Poetry” on 05.06.2013
- Dr. K.C. Pradhan, Professor delivered a lecture on “Riti in Odia Literature” on 16.04.2013.
- Dr. P.K. Rath, Professor delivered a lecture on “Odia travelogue” on 13.02.2013.
- Dr. P.K. Pradhan, Professor delivered a lecture on “Odia Krishana Kabya” on 18.02.2013.
- Dr. (Smt) Sabita Pradhan, Professor delivered a lecture on “Santali language-A Study” on 12.12.2012.
- Dr. B.C. Samal, Professor delivered a lecture on “Twenty 1st Century Odia Short-Story” on 30.11.2012.
- Dr. Manoranjan Pradhan, Professor delivered a lecture on “Post independent in Odia Novel” on 01.11.2012.
- Dr. K.C. Pradhan, Professor delivered a lecture on “Rasa in Bhanja Literature” on 09.10.2012.
- Dr. P.K. Dwibedi delivered a lecture on “Satyabadi Era in Odia Literature” on 03.07.2012.
- Dr. K.C. Pradhan, Professor delivered a lecture on “Radhanath Era in Odia Literature” on 03.07.2012.
- Dr. N.B. Harichandan, Professor delivered a lecture on “Post Independent Odia Drama” on 30.05.2012.
- Dr. S.N. Dash, Professor delivered a lecture on “Sri Jagannath and Bhanja literature” on 18.05.2012.
- Dr. Narayan Sahu, Professor delivered a lecture on “Absurd Odia Drama” on 21.03.2012.
- Dr. P.C. Mishra, Professor delivered a lecture on “Editing in ancient Odia literature” on 01.03.2012.
- Dr. S.N. Dash, Professor delivered a lecture on “Sri Jagannath and Odia literature” on 18.11.2011.

PHYSICS

- Dr. R.C. Mullik, IISc, Bangalore, Karnatak delivered a lecture on “Thermo-electric material and its application” on 24.07.2014.
- Dr. R.S Kaoshal, Professor Delhi University delivered a lecture on “Non liner dynamics in human behaviour” on 27.12.2011.
- Dr. Somdev Tyagi, Professor, Philadelphia, USA delivered a lecture on “High T_C Superconductor” on 27.12.2011.
- Dr. M.P.Das, Professor, Canberra, Australia delivered a lecture on “Superconductivity-Centenary year of Discovery” on 19.12.2011.
- Dr. J.C. Mohanty, Ravenshaw University, Cuttack delivered a lecture on “Graphene-Physics Noble prize-2010” on 26.11.2010.

POLITICAL SCIENCE

- Dr. V Rabindra Shastri, Professor, Osmania University, Hyderabad delivered a lecture on “Globalisation and Need for Equity” on 18.04.2015
- Dr. Chintamani Mahapatra, Professor, Centre for Canada, Latin America and American Studies, SIS, JNU, New Delhi delivered a lecture on “India, US and the Emerging Asian Order” on 14.03.2015
- Dr. Sanjeev Kumar Sharma, Professor, CCS University, Meerut delivered a lecture on “Changing Dynamics of Indian Politics” on Dt 20.02.2015
- Dr. Geetanjoy Sahu, Associate Professor, Centre for Science Technology and Society, School of Habitat Studies, TISS Mumbai, delivered a lecture on “Environmental Governance and the Role of Judiciary” on 29.01.2015
- Dr. G. Ram Reddy, Professor, Osmania University, Hyderabad delivered a lecture on “India’s Foreign policy” on 28.01.2015
- Prof. M.A. Liza Zufle University of Tübingen, Germany delivered a lecture on “Indo-German Relations: A cultural Perspective” during 2015..
- Dr. B.C. Choudhury, Retd. Professor of Political Science, Berhampur University delivered a lecture on “Good Governance: Issues and Challenges” on 22.11.2014.
- Dr. B.C. Choudhury, Retd. Professor of Political Science, Berhampur University delivered a lecture on “Electoral Reforms in India” on 14.11.2014.
- Dr. A.K.Paricha, Retd. Professor of Political Science, Berhampur University delivered a lecture on “India’s Nuclear Policy” on 13.11.2014.

- Dr. A.K.Paricha, Retd. Professor of Political Science, Berhampur University delivered a lecture on “Nation Building: Some Reflections” on 28.10.2014.
- Dr. B.C. Choudhury, Retd. Professor of Political Science, Berhampur University delivered a lecture on “Cooperative Federalism” on 26.10.2014.
- Dr. G. Gopal Reddy, Professor, Osmania University delivered a lecture on “Telangana Movements: Some Reflections” on 21.10.2014
- Dr. G. Ram Reddy, Professor, Osmania University delivered a lecture on “Telangana Movements: Some Reflections” on 21.10.2014
- Dr. A.K.Paricha, Retd. Professor of Political Science, Berhampur University delivered a lecture on “Approaches to the Study of Comparative Politics” on 13.09.2014.
- Dr. A.K.Paricha, Retd. Professor of Political Science, Berhampur University delivered a lecture on “India and U.N.” on 22.08.2014.
- Dr. A.P.S Chauhan, Professor, Dept of Political Science and Public Administration, Jiwaji University Gwalior delivered a lecture on “Emerging Trends in Indian Politics” on 23.06.2014.
- Dr. A.G. Naidu, Professor, Krishna Dev Raya University, Anantapur, A.P delivered a lecture on “Indian Diaspora in America” during 2014.
- Fr. Charles Borges CJ, Associate Professor History, Loyala University, Maryland, USA, delivered a lecture on “Indo-Canadian Relations” during 2013.
- Dr. K.C. Bal, Personal Officer, Western Central Railway, Jabalpur delivered a lecture on “Canadian Imagination” during 2013.
- Mr. A. Badatya, Research Fellow, Pondicherry Central University delivered a lecture on “India-China Relations” during 2012.
- Dr. B.V. Chalpati, Professor delivered a lecture on “Women empowerment” on 19.11.2012.
- Mr. J.P. Mishra, Senior Division Commercial Manager Railways, Khurda delivered a lecture on “Civil Services as Career” on 09.09.2011.
- Mr. P.K. Jena, Branch Manager, SBI delivered a lecture on “Banking as a Career” on 29.07.2011.
- Dr. G. Ram Reddy, Professor, Osmania University delivered a lecture on “Good Governance in India” on 10.12.2010.

ZOOLOGY

- Prof. Rajarami Reddy, Former Vice Chancellor of Vikram Simhapuri University, Nellore delivered a lecturer on Neurotoxicity of Lead on 30th April 2014
- Prof. K.R.S.S. Rao, Prof. and Rector, AN University, Guntur delivered a lecturer on Bioprocessing on 12th February 2013
- Prof. Anita Mehta, Sagar University, Madhya Pradesh delivered a lecturer on Immunological responses of *Cuscuta reflexa* on 06th March 2012
- Dr. Manmohan Mishra, National Institute of Health and Family Welfare, ICMR, New Delhi delivered a lecturer on Oxidative Stress and male reproductive system on 07th January 2012
- Prof. G.S Tripathi, Department of Physics, Berhampur University, Odisha delivered a lecturer on Evolutionary Trends of Biomolecules on 04th April 2010

ANNEXURE-3.5

OVERSEAS ACADEMIC VISITS OF TEACHERS OF THE UNIVERSITY (2010-2015)

YEAR	DEPARTMENT	NAME OF TEACHERS AND DETAILS OF THEIR VISITS
2015	Vice-Chancellor	Professor Deepak Behera, Vice Chancellor Ireland: Participated and presented a paper entitled “Adivasi Children in Boarding Schools in Odisha: Birds with Broken Wings” at the international conference “Medializing Tradition: South Asia Transform” held at University College Cork, National University of Ireland, Ireland during February 12-13, 2015
	English	Dr Shruti Dash presented paper entitled “ <i>Problematized Democracy and Human Rights: Reading the Good Muslim</i> ” and participated in the International Conference on ‘Re-Thinking Democracy in Literature, Language and Culture’, <i>Aristotle University, Thessaloniki, Greece.</i> during 15-17 May 2015.
	Home Science	Dr Shruti Dash presented entitled “ <i>Forgetting for Getting a Better Life: Jhumpa Lahiri’s Lowland –An Analysis</i> ” and participated in the International Conference on ‘The Commonwealth and its People: Diasporas, Identities, Memories (DIM2015)’ University of Malta, Malta held during 24-26 June 2015. (as part of the preparations for the People’s forum of the Commonwealth Heads of Government Meeting).
	Business Administration	Prof. Aparajita Chowdhury - Invited as a Speaker for International Conference on “Educational Resilience among Asian Children in Challenging Family Environment” at National University of Singapore, Singapore from 4 th to 5 th February 2015. Paper on - “Understanding Invulnerable Children to Enhance Academic Resiliency in Indian Socio-Cultural Context
2014	Vice-Chancellor	Professor Deepak Behera, Vice Chancellor participated in the meeting of the World Educational Leaders Forum at Bhusan, South Korea during July 7-15, 2014.
	Chemistry	Dr. Bamakanta Garnaik attended the Conference as invited speaker, Indian Council of Chemists Chemistry for sustainable development: Indian perceptive during June, 11-13, 2014 held at Dubai.
	Computer Science	Dr. Manas Ranjan Patra presented the paper titled “Accessibility Analysis of Government Web Portals of Asian Countries” in the 8 th International Conference on Theory & Practice of Electronic Governance (ICEGOV 2014), Guimaraes, Portugal, Oct 27-30, 2014

	English	Dr Shruti Dash. <i>Mahabharata's Draupadi Writes Back in Pratibha Ray's Yajnaseni International Conference</i> on 'Against the Mainstream', <i>University of Cergy, Pontoise, Paris</i>. . 5-6 June 2014. Dr Shruti Dash <i>Nationalism, Ecofeminism and W.B.Yeats</i> ..International Conference on 'Ireland and Ecocriticism', <i>University College Cork, Ireland</i> . Paper: "19-21 June 2014. ' Dr Shruti Dash Chaired a Session", International Conference on 'Ireland and Ecocriticism', <i>University College Cork, Ireland</i> . Paper: "19-21 June 2014.
	Political Science	Prof. J.K.Mishra delivered as a member of Indian Delegation visited Universities in Beijing, Shanghai and Wuhan of China organised by FICCI, New Delhi on March 23-30, 2014
	Zoology	Dr. T.K.Barik, Vector Encounter" John Hopkins Malaria Research Institute, John Hopkins University, Baltimore, Maryland, USA
2013	Chemistry	Dr.Sunakar Panda presented an Invited lecture and Chaired a session International Conference on Emerging trends in Environmental, Mathematical, Physical and Life Sciences October 24-25,2013, Hotel Park Royal, Singapore
	Computer Science	Dr. Manas Ranjan Patra presented the paper titled "CeMSE: A Cloud Enabled Model for Smart Education" in the 7 th International Conference on Theory & Practice of Electronic Governance (ICEGOV 2013), Seoul, Korea , Oct 22-25, 2013
	Electronic Science	Prof. R.K.Mishra participated and presented paper at IEEE International Symposium on Antennas and Propagation and USNC-URSI National Radio Science Meeting, Orlando, Florida, USA, 8-12 Jul'13.
	English	Dr Shruti Dash participated and presented paper at the Multifaitth Curriculum". International Conference on 'Education and Secularism', <i>University of Cergy, Pontoise, Paris</i> during 30-31 May, 2013.
	Management	Prof. P.K. Padhi was Chairperson at the Fourth IIMS International Conference on "Development Management in 21 st Century" held in Cavite State University, Philippines (Nov, 28-Dec, 2, 2013)
	Political Science	Prof. J.K. Mishra participated and presented a paper in the International Conference (ICAS8) at Macau during June 24-27, 2013
2012	Computer Science	Dr. Manas Ranjan Patra presented the paper titled "CRHIS: Cloud based Rural Healthcare Information System" in the 6 th International Conference on Theory & Practice of Electronic Governance (ICEGOV 2012), Albany, New York, USA, Oct 22-25, 2012

	<p>English</p> <p>Journalism and Mass Communication</p> <p>Linguistics</p> <p>Physics</p>	<p>Dr. Manas Ranjan Patra delivered an invited talk titled “Accessibility of E-Governance in Rural and Remote Areas, and by Elder People” in the International Workshop on Challenges and Prospects of E-Government: Legal Framework, Information Management and Citizen Participation, Shanghai, China, June 13-14, 2012</p> <p>Dr Shruti Dash participated in International Symposium on “Imaginary Europes”. <i>University of Portsmouth UK and presented a paper on “Dialectics of Perception” on 13 Sept 2012.</i></p> <p>Prof. S.K.Behera. Participated and presented paper entitled “Tryst with Teledemocracy: The Mediated Public Sphere and the Role of Commercial News Channels in India” at the International Symposium on Public Spheres, the Media and the Social Change held at University of Queensland, ST. Lucia, Brisbane, Australia during November 21-23, 2012.</p> <p>Dr. Smita Sinha. A study on mother tongue maintenance among Juang children. Annual Conference of LSN, Kathmandu, Nepal. Nov26-27, 2012</p> <p>Prof. R. Sahu attended the workshop on “Towards a resolution of the double beta decay problem” held from September 3-7, 2012 at the European Centre for theoretical studies in nuclearphysics and related areas (ECT*), Trento, Italy and delivered an invited talk entitled “Results for double beta decay half-lives from deformed shell model for A 60-90nuclei”.</p>
2011	<p>Chemistry</p> <p>Commerce</p> <p>Computer Science</p> <p>Home Science</p>	<p>Dr. Bamakanta Garnaik, Indian council of chemists. “Global challenge: The role of chemistry in giving their solutions”, June, 12-14, 2011 held at Bangkok</p> <p>Dr. P.C. Mishra participated and presented paper in the International Conference on Development Management, IIMS Bangkok, 24-27 Feb 2011.</p> <p>Dr. P.C. Mishra participated and presented paper in the 2nd IIMS International Conference Penang-Malaysia, Jointly Organised by IIMS & AIS-ST-Helens Auckland, New Zealand during 9-11 Nov. 2011</p> <p>Dr. Manas Ranjan Patra presented a paper titled “Monitoring of Service based e-Governance Systems” in the 5th International Conference on Theory & Practice of Electronic Governance (ICEGOV 2011), Tallinn, Estonia, Sept 26-29, 2011</p> <p>Prof. Aparajita Chowdhury Chaired a session and Presented paper on -“VICTIMIZATION OF ELDERLY WOMEN IN INDIA: Study on Family & Community Violence”. In International Conference on “Violence against Women: Complex Realities and New Issues in Changing World” at Montreal, Canada from 29th May to 1st June 2011.</p>

	Linguistics	<p>Dr Smita Sinha. Implementing multilingual education for tribal students of Orissa at NAAAS conference, Baton Rouge, USA, Feb 14-19, 2011.</p> <p>Dr Smita Sinha moderated two sessions at NAAAS conference, Baton Rouge, USA during Feb 14-19, 2011.</p> <p>Dr. Smita Sinha delivered as Guest Lecturer on Issues in Language education in multilingual context-case of Orissa at Monmouth University, New Jersey, USA, Feb 11, 2011</p>
2010	<p>Chemistry</p> <p>Computer Science</p> <p>Linguistics</p>	<p>Dr. Sunakar Panda. 2nd International Congress of Chemistry and Environment, 21-23, January 2010, Ubon-Ratchathani, Bangkok.</p> <p>Dr. Manas Ranjan Patra presented a paper titled "Integrating WebGIS with Service Oriented Rural Information Grid" in the 4th International Conference on Theory & Practice of Electronic Governance (ICEGOV 2010), Beijing, China, Oct 25-28, 2010</p> <p>Dr Smita Sinha. Indigenous languages of Koraput-An overview Presented at 31st Annual conference of Linguistic society of Nepal, Kathmandu Nov 26-27, 2010.</p>



Observation of National Voters Day in collaboration with District Administration during 2014



Street play by NSS volunteers of J. N. Prasad College, Ganjam during December, 2013



Area-wise NSS review meeting of Principals and Program Officer at Mahamayee Women's College, Berhampur on 26th October 2014



Interaction Meeting on Adoption of Villages jointly by NIRD&PR and NSS, Berhampur University on 16th August 2014



Award winning Pos and Volunteers with Hon'ble Vice-Chancellor



A thematic play staged by the NSS Volunteers on the occasion of "Addiction free University campus" on 26 June, 2014



Inter-College Orientation Programme for NSS volunteers at Nawarangapur College on 10th November 2014



Interaction meeting with the Pos and Volunteers at Inter-College Special Camp for NSS volunteers at B.P. College, Kundra during last week of June 2015



Community meeting and counseling by the NSS volunteers at the adopted villages of Muniguda College, Rayagada during December, 2014



Observation of Classical language Victory Samaroha organized by NSS on 04th March 2014



Celebration of World Environment Day at University campus on 5th June 2014



Inter-University State Level Special camp for girls at Women's College, Rayagada during 11-17 January, 2015



Observation of NSS Day on 24th September 2014 in the University Campus



Volunteers present during celebration of NSS Day 2014



The Pos and Volunteers are at Inter-College Orientation Programme for NSS volunteers at Nawarangapur College on 10th November 2014



Dance performance by the NSS Volunteers and villagers at Inter-College Special Camp for NSS volunteers at B.P. College, Kundura during last week of June, 2014



His Excellency, the former Governor of Odisha, Mr. M. C. Bhandare is with the NSS volunteers and Program Officer during his visit to the campus in



Celebration of Rajiv Gandhi Khel Abhiyan by NSS in the campus on 21st February 2014



University Level NSS Advisory Board Meeting on 03rd June 2014 under the Chairmanship of Professor D. K. Behera, V.C.



Professor D. K. Behera, Vice-Chancellor is planting the tree in the Hostel premises. Inmates of the hostel are present



Plantation programme at Konkorada by the NSS Volunteers



Plantation programme at Samantiapalli College by the NSS Volunteers



Professor P. K. Biswasroy, Warden, P. G. Hostels is planting the tree in the Hostel premises in the presence of hostel inmates



Professor P. K. Swain, Corodinator, NSS and Dr. H. K. Nayak, Principal, Science College, Konkorada are planting the tree at Konkorada



The NSS volunteers cleaning the temple premises at Konkorada



The lady volunteers are in Swachh Bharat Abhiyan in Science College Konkorada Premises



The NSS volunteers of Balimela College of Science & Technology cleaning the road at Balimela, Malkanagiri with the villagers



Summer Adventure Camp of NSS Volunteers at Manali-Solang Valley during 2014



The NSS volunteers of Kalimela College, Malkanagiri are cleaning the college campus



Community dance performance by the villagers and the NSS volunteers of Muniguda Degree College, Rayagada



Street play performance by the villagers and the NSS volunteers of A.M.C.S. College, Tikabali, Kandhamal



Oath by the NSS volunteers under the NSS flag at Inter-College Orientation camp at B. P. College, Kundra, Koraput

ANNEXURE-3.7

Extension activities under taken by the university during the assessment period

A. List of NIRD & PR Hyderabad - Adopted villages (2010-2015)

Sl. No	NIRD & PR -Adopted villages	District
1.	Laxmipur	Ganjam
2.	Antarabatia	Ganjam
3.	Sitapur	Gajapati
4.	Kharidepa	Gajapati
5.	Antriguda	Rayagada
6.	Chalakamba	Rayagada
7.	Geruput	Koraput
8.	Jetuguda	Nabrangpur
9.	Ganddiaguda	Malkanagiri
10.	Pikareddy	Kandhamala

B. List beneficiaries from NIRD&PR & NFDB, Hyderabad

Sl. No.	Beneficiaries	No	Place
1.	Nolia SHG- 3 wheelers fish transport vehicles	5 Cluster SHGs 320 members	Gopalpur on Sea
2.	Nolia SHG- 4 wheelers fish transport vehicles	4 SHGs 65 members	Gopalpur on Sea
3.	Skill Development Centre Sewing –SHG	15 members	Gopalpur on Sea
4.	Antarabatia –Youth NIRD Expose visit & training	07 members	Antarabattia
5.	Free Solar lanterns to SHG Spouses	50 Nolia Members	Gopalpur on Sea
6.	SHG members with spouses NIRD Expose visit & Rural technology training	55 Members	Gopalpur on Sea

C. Extension Activities with National institute of Rural Development and Panchayatii Raj (NIRD & PR) Hyderabad, Telengana



Berhampur University NSS Programme Officers and students with Dr.MV Rao IAS, Director General NIRDPR during Village Adoption Scheme Orientation Programme at Hyderabad, 1-2 November 2014



Visit of Unemployed Youth of Antarabattia adopted Village to NIRD & PR



Visit of Nolia SHG groups with their spouses to NIRD & PR, Hyderabad for undergoing training on Rural Technology Programme



Sewing Skill development centre for SHG at Gopalpur on Sea, Ganjam sponsored by NIRD & PR under Village Adoption Scheme



Solar lights lanterns distribution to 50 Fishermen sponsored by NIRD&PR



Beneficiaries with Solar lanterns at Gopalpur on Sea, Ganajm

D. Action Research Project with Women Self Help Groups at Gopalpur on Sea through Fish transport vehicles funded by National Fisheries Development Board, Hyderabad (NFDB)



Fish Transport Three Wheeler Vehicles Distributed to 5 Cluster Women SHGs by H.E. Dr. S.C. Jamir, Hon'ble Governor of Odisha



Four Wheelers distributed to women SHGs by Shri. Naveen Patnaik, Hon'ble Chief Minister of Odisha in the presence of Vice Chancellor, Prof. Deepak Kumar Behera and the District Collector, Ganjam



Environmental Awareness Campaign among School Students conducted by the M.S.W. Students of the University



Berhampur University Water resource Campaign with CSID at K.Nuagaon, Chikiti



Palylets for Social awareness Programmes



Beach Cleaning Project at Gopalpur on Sea



Swach Bharat Rally at Gopalpur on Sea in Association with NAC, Gopalpur



Swach Bharat Campaign for Clean Campus at Hostels and Departments of Berhampur University



Plantation Programme by our Vice-Chancellor



Conduct of Mega Health Camp in association with Tata Foundation



Voters Awareness Rally among youth by NSS Bureau

ANNEXURE 3.8**Details of MoU signed by the university with International and National Universities / Institutes**

The Department of Social Sciences at Berhampur University and the Institute of Asian and Oriental Studies at the University of Tübingen, Germany signed MoU to expand the basis for friendship and co-operative educational exchange which include joint research projects, exchange of students and faculty, exchange of academic information and materials and to organize and participate in joint academic activities such as courses, conferences, seminars, symposia and lectures. The MoU was signed on 26.11.2013 and is valid for five years from the date of signing.

South Odisha Cultural Study Centre, Berhampur University and the Department of Culture and Society, Aarhus University, Denmark signed MoU to collaborate in the areas of mutual interest such as exchange of students, exchange of department and research staff, establish and promote joint research projects, and to organize and participate in joint academic activities such as conferences and seminars. The MoU was signed on 10.09.2014 and is valid for five years.

Berhampur University has signed MoU with WALSH College, Michigan, USA on 6th April, 2015 and with Abomey-Calavi University of the Republic of Benin on 9th June, 2015 for development of co-operation and exchanges in all areas of mutual academic interest. The MoUs are valid for five years from the date of signing.

Berhampur University and the University of Groningen, The Netherlands have signed MoU on 25.08.2015 to expand the basis for friendship and co-operative educational exchange which include joint research projects, exchange of students and faculty, exchange of academic information and materials and to organize and participate in joint academic activities such as courses, conferences, seminars, symposia and lectures. The MoU is valid for five years from the date of signing. Faculty of Theology and Religious Studies of the University of Groningen, The Netherlands has a department on Comparative study on religion focusing on Indian religions and has shown keen interest for collaborative research studies with Berhampur University. As a first step, Dr Peter Berger, Professor of Indian Religion and Anthropology of Religion, University of Groningen plans to visit Berhampur University and Odisha for research collaboration during December, 2015 to February, 2016

Berhampur University signed MoU with NIRD & PR, Hyderabad to work together as partners, for jointly taking up projects on rural development, tribal development with special reference to particularly vulnerable tribal groups, women empowerment, working of the Panchayati Raj system, livelihood promotion of fishers, Innovative and Inclusive education and issues pertaining to sustainable development, capacity building and skill development of key stakeholders, documentation of best practices, promotion of innovation, up-gradation, transfer and dissemination of rural technologies. The MoU was signed on 17.08.2013 and was valid for one year.

Berhampur University has also signed MoU with IIT, Bombay, Mumbai on 19th August, 2015 and is taking steps to sign MoU with CSIR-National Institute of Oceanography(NIO), Goa , Integrated Coastal Zone Management Project Directorate(ICZMP), Bhubaneswar and Chilika Development Authority(CDA) as per the recommendations of the SAP advisory Committee meeting of the Department of Marine Sciences.

MoU Committee, Berhampur University

The reconstituted MoU committee has the following Members:

1. Chairman, Post Graduate Council, Berhampur University : Chairman
2. Director, College Development Council, Berhampur University: Member
3. Prof. Pratap K. Mohanty, Professor, Department of Marine Sciences: Member Convener





Signing of MoU with Aarhus University, Denmark



Signing of MoU with Walsh College, Michigan, USA



Signing of MoU with IIT, Bombay



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05AA 172594

MEMORANDUM OF UNDERSTANDING (MoU)

This agreement is entered into at on this Seventeenth day of August Two Thousand and Thirteen.

BETWEEN

National Institute of Rural Development (NIRD), Rajendranagar, Hyderabad, Andhra Pradesh- 500030 represented by **Director General, NIRD, Hyderabad**, hereinafter called the **First Party**, which term and expression shall mean and include, unless repugnant to the context, its successors, assignees, administrators and agents of the First Party including its administrators, executors, successors and permitted assignees of the **First Party**.

AND

Berhampur University, Bhanja Bihar, Berhampur, Odisha – 760007 represented by **The Vice-Chancellor, Berhampur University**, hereinafter called the **Second Party**, which expression shall unless repugnant or contrary to the context be deemed to include its appoints, successors and permitted assignees) of **Second Party**.

The NIRD & Berhampur University shall hereinafter jointly be referred to as "Parties" and individually as a "Party".

On behalf of NIRD**On behalf of Berhampur University**

Name: **Dr. M.V. Rao, IAS**
Designation: **Director General, NIRD**

Name: **Professor Deepak Kumar Behera**
Designation: **Vice-Chancellor**

Signature:

Date: 17/8/2013

Signature: **Berhampur University**Date: 17th Aug 2013



BERHAMPUR UNIVERSITY

EBERHARD KARLS UNIVERSITÄT TÜBINGEN



MEMORANDUM OF UNDERSTANDING

BETWEEN

THE DEPARTMENTS OF SOCIAL SCIENCE AT BERHAMPUR UNIVERSITY

AND

THE INSTITUTE OF ASIAN AND ORIENTAL STUDIES AT THE UNIVERSITY OF TÜBINGEN

BERHAMPUR UNIVERSITY ODISHA, INDIA

EBERHARD KARLS UNIVERSITÄT TÜBINGEN, GERMANY

Bhabani P. Rana

J. Linn

The Registrar

Professor Dr. Dean

Date _____

Date 26.11.13

BERHAMPUR UNIVERSITY ODISHA, INDIA

EBERHARD KARLS UNIVERSITÄT TÜBINGEN, GERMANY

Dr. Deepak Kumar Behera

B. Engler

Professor Dr. Deepak Kumar Behera Vice-Chancellor

Professor Dr. Bernd Engler President and Vice-Chancellor

Date _____

Date 02. DEZ. 2013

[Signature]

B. Engler



COOPERATION AGREEMENT

PARTIES TO THE AGREEMENT:

SOUTH ODISHA CULTURAL STUDY
CENTRE, BERHAMPUR UNIVERSITY
Berhampur-760007,
Odisha
India
www.buodisha.edu.in

DEPARTMENT OF CULTURE AND SOCIETY
AARHUS UNIVERSITY
Jens Chr. Skous Vej 7, 4.
8000 Aarhus C
Denmark
www.cas.au.dk

[Signature]
..... 10.09.14
Director of South Odisha Cultural Study
Centre, Berhampur University, Berhampur-
76007 Odisha, India.

Date: 10.09.14

[Signature]
10/09/14
Registrar
Berhampur University

[Signature]
.....
Head of Department of Culture
and Society, Bjarke Paarup,
Aarhus University, Jens Chr. Skous Vej 7,
8000 Aarhus C.

Date: 10.9.14

Institut for Kultur og Samfund
Department of Culture and Society
Aarhus Universitet
Jens Christian Skous Vej 7, 4.
bygning 1467
DK-8000 Aarhus C



**BERHAMPUR
UNIVERSITY**



MEMORANDUM OF UNDERSTANDING
FOR SCIENTIFIC AND EDUCATIONAL COOPERATION

BETWEEN

WALSH COLLEGE, TROY, MICHIGAN — 48007-7006, UNITED STATES OF AMERICA

AND

BERHAMPUR UNIVERSITY, BHANJA BIHAR, BERHAMPUR, ODISHA – 760007, INDIA

For Walsh College, Michigan
United States of America

James McHann

Professor of Management

Date: *6, April 2015*

Stephanie Bergeron

Stephanie Bergeron

President

Date: *06, April 2015*

For Berhampur University, Odisha
India

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6/4/15 (Handwritten)
Head
Dept. of Business Admin.
Berhampur University

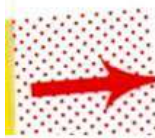
Chairman/Head Director/Coordinator
P. G. Council
Berhampur University

Deepak Kumar Behera
6/4/15

Professor Deepak Kumar Behera

Vice-Chancellor
Berhampur University

Date: *6/4/15*





**THE UNIVERSITY
OF ABOMEY-CALAVI**



**BERHAMPUR
UNIVERSITY**

MEMORANDUM OF UNDERSTANDING
FOR SCIENTIFIC AND EDUCATIONAL COOPERATION

BETWEEN

The UNIVERSITY OF ABOMEY-CALAVI, 01 BP 526 COTONOU, BENIN

AND

BERHAMPUR UNIVERSITY, BHANJA BIHAR, BERHAMPUR, ODISHA – 760007, INDIA

For the University of Abomey-Calavi
Benin,

Professor Brice Augustin Sinsin

Rector

Date: _____

For Berhampur University, Odisha
India,

Professor Deepak Kumar Behera
Vice Chancellor
Berhampur University

Vice Chancellor

Date: 9th June 2015



**BERHAMPUR
UNIVERSITY**



MEMORANDUM OF UNDERSTANDING
FOR SCIENTIFIC AND EDUCATIONAL COOPERATION
BETWEEN
THE UNIVERSITY OF GRONINGEN, THE NETHERLANDS

AND

BERHAMPUR UNIVERSITY, BHANJA BIHAR, BERHAMPUR, ODISHA – 760007, INDIA

As witness to their consent to this agreement, the appropriate authorities here unto provide their signatures.

For the University of Groningen,
the Netherlands

Prof. Sibrandes Poppema

President

Date: 25 August, 2015

For Berhampur University, Odisha
India,

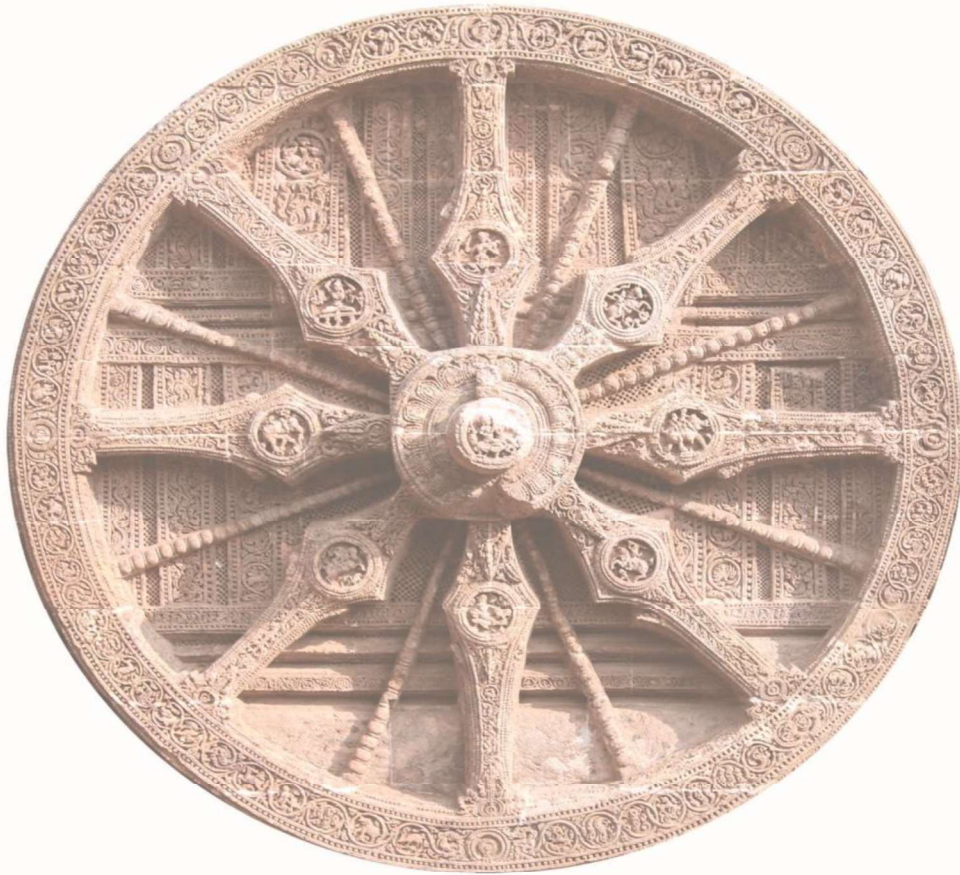
Professor Deepak Kumar Behera

Vice Chancellor

Date: 22 JUN 2015



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