



ANNUAL REPORT

2018

UTKAL UNIVERSITY

Vani Vihar, Bhubaneswar, Odisha

About Utkal University

Utkal University was established in 1943, seven years after Odisha became a separate province and four years before India's Independence. Known as the Mother University, the illustrious Utkal University embodies the educational aspirations of people of the state of Odisha. The University was the outcome of tireless efforts made by great visionaries like Maharaja Krushna Chandra Gajapati, Pandit Nilakantha Das and Pandit Godabarish Mishra. The internationally acclaimed scientist, Prof Pranakrushna Parija was the first Vice-Chancellor of the University. It is the seventeenth oldest University of undivided India and was initially housed at Ravenshaw College, Cuttack. The foundation stone for the present Campus at Bhubaneswar was laid by Dr. Rajendra Prasad, the first President of India, on 1st January 1958, and it was inaugurated by Dr. S. Radhakrishnan, the second President of India, on 2nd January 1963, when it became fully functional at its present campus. Vani Vihar, the name of the present campus, signifies the abode of the Goddess of Learning and Perfection.

Over the last 75 years, the university has contributed immensely to building a modern nation by upholding a tradition of excellence. Its eminent alumni have achieved national and international recognition and brought glory to their Alma mater. In recognition of the excellence achieved by Utkal University, the National Assessment and Accreditation Council granted it an A+ status in November 2016.

Spread over nearly 400 acres, the present campus of the university has 30 post-graduate departments and offers 17 self-financing courses. It has three constituent Colleges-Directorate of Distance and Continuing Education, University Law College at Vani Vihar and Madhusudhan Law College at Cuttack. The University now has a new campus at Sia, Chandikhol, nearly 70 km away from Bhubaneswar. This is emerging as a Centre of Skill Development, Vocational Education, and Management focusing on rural communities. At present, the new campus offers some job oriented courses like MBS in Rural Management, Masters in Public Health, and Masters in Social Work and B.Sc in Nursing, BEd and Med courses.

Academic events regularly organised in the campus have brought renowned scholars from across the world and enhanced the prestige and profile of the university. Many prestigious organisations such as Max-Planck Institute, University of Tubingen, University of Goethe, John Hopkins University, University of Sussex, University of Miami, RIKEN, Institute of Physics, NISER, ILS, IMMT, RMRC, AIIMS, NALCO, NLC India and UNICEF have signed MoUs or collaboration with the University. The university has established a technology outreach Centre for Rural Areas and MoU for the purpose has been signed with the Bhabha Atomic Research Centre.

The University has now a Wi-Fi enabled campus. Parija Library, a 38-year-old institution, has been modernised and e-library employing state of the art technology is being set up. The UGC- Human Resource Development Centre, has been recognised as a National Resource Centre for developing Teaching- Learning Materials for Anthropology.

This is a teaching-cum-affiliating university. The College Development Council mentors, guides and facilitates academic and infrastructural development of its 17 autonomous and 352 affiliated colleges spread over nine districts of Odisha. It caters to the learning needs of about 300,000 students. Health Insurance, Accident Insurance and health care support are provided through a MoU with KIIMS Hospital, Bhubaneswar. The Campus Dispensary extends basic health care to students. The campus, gym, and a well-equipped stadium offer facilities to students for attaining physical fitness and creating a robust sports culture. Counselling services are available at the Department of Psychology and the School of Women's Studies of the University.

The University also has within its ambit, the following units: Population Research Centre, School of Women's Studies, and Centre for Ambedkar Studies, Centre for Social Exclusion and Inclusive Policy Study and University High School.

The celebration of the Platinum Jubilee of the University in 2018-2019 infused it with new vitality and rendered the campus vibrant. Renowned academics delivered Platinum Jubilee Lectures on frontier areas of research showing new horizons to faculty and students. Alumni were invited to revisit the Departments, which had shaped their minds and share their experiences with each other and younger students. Building a huge Alumni network and giving it an institutional Foundation was a remarkable achievement of the University in its Platinum Jubilee year. Creating opportunities for parents to visit departments where their Children are studying and interact with the faculty was an innovative initiative. The visits to the campus of Luminaries such as the honourable President of India, His Excellency the Governor of Odisha, The honourable Chief Minister, the Union Minister of Petroleum and Steel and the Minister of Higher Education, Government of Odisha filled every member of the University with hope, energy, and enthusiasm. The Governor inaugurated the Centres of Excellence established with support from RUSA and the World Bank and the President laid the foundation of the RUSA Bhawan. The inauguration of the *Ahimsa Sthal* and the Gandhi Memorial Park in the Campus made the Platinum Jubilee Celebrations memorable and rendered a fitting tribute to the father of the nation in the 150 years of his birth.

For over 75 year now, Utkal University has been rendering a splendid service to the nation. By constantly renewing itself, it aims to emerge as a world-class institution of higher learning. This is a challenge its faculty, students, and employees are determined to address and time immersed in the rays of hope and confidence will give them strength and courage.



Vision

To be a centre of excellence in higher education with an innovative focus on teaching, learning, research, consultancy and extension activities so as to help build a creative, enlightened and productive civil society.

Mission

- To provide the students with knowledge, skill, values, and sensitivity necessary for a good citizen
- To generate and disseminate knowledge through interdisciplinary research and creative inquiry for creating a meaningful and sustainable society.
- To equip the students with problem solving, leadership and teamwork skills and to inculcate in them a sense of commitment to quality, ethical behavior and respect for others.
- To provide a platform for free flow of ideas and to create a climate which fosters discovery, creativity and professional development.
- To ensure academic excellence in his dynamic knowledge economy by exposing the students to new ideas, new ways of understanding, new ways of knowing their intellectual and spiritual odyssey.
-

Core Values

- Stimulate innovation, creativity and scholarship
- Foster equality and gender sensitivity
- Value, excellence, quality and service
- Transparent, accountable and responsive governance with a human touch
- Commitment to service that respects and promotes human dignity
- To cultivate openness of mind and catholicity of outlook

Professor Soumendra Mohan Patnaik

Vice Chancellor
Utkal University
Bhubaneswar 751 004, Odisha



FOREWORD

Utkal University, the first University of Odisha and a premier University of the Country, has always been a symbol of human empowerment and index of intellectual advancement of state of Odisha. Since its inception it has maintained a high standard and contributed significantly to the intellectual growth of the state and the nation. It is a great privilege to present the Annual Report highlighting the activities of University during the year 2018.

Traditionally, Utkal University has always been a symbol of human empowerment and index of intellectual advancement of state of Odisha. Being the oldest University of the State, It continues to represent aspirations and occupy a place of pride in the minds of all of us, be in Odisha or Outside. For me, It will be a matter of great pride and intense emotional fulfilment to participate in transforming it to an University of excellence and put it on the world map of great universities. This can only be done if all of us at Utkal University work in unison in complete togetherness to make this a place of learning vibrant with new ideas and innovations in an atmosphere of collegiality amongst students, faculty and the administration.

Research and innovation is the backbone of a University and Utkal has taken adequate measures to promote the research activities at all levels. About 57 research programmes/projects (sponsored/in-house) are ongoing. The University has received more than 1.5 crores grant from different funding agencies for individual and departmental projects in 2018-19. The faculties have produced more than 250 publications in journals of repute besides good number of books and articles published in book chapters. A sizable amount of funds has been allocated for cutting edge research and innovation in these two programmes. I am sure the research culture of Utkal will be more vibrant in coming years and contribute significantly to take the University to greater height.

Lastly, I wish all the students , faculty and staff my personal best wishes.

(Prof. Soumendra Mohan Patnaik)

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Brief History of Utkal University

Until 1936, when Odisha was made into a separate province, all its colleges were under the jurisdiction of either Patna University or Andhra University. Subsequently, the government of Odisha, headed by Shri Biswanath Dash, the then Prime Minister; appointed a committee on 2nd March 1938 with Pandit Nilakantha Das as its Chairman to examine the possibility of establishing a separate university in Odisha. Then, during the premiership of Maharaja Krushna Chandra Gajapati, who played a pioneering role in the establishment of the University, there commendations of this committee were made available. Pandit Godavarish Mishra, the then Minister of Education, introduced the Utkal University Bill, which was passed by the Odisha Legislative Assembly on 30th June 1943. On receiving the Governor's assent on 2nd August 1943, the Utkal University Act, 1943 came into force, clearing the way for the foundation of Utkal University on 27th November 1943. The University started functioning from this date in room no. 15 of Ravenshaw College, Cuttack. The Utkal University Act, 1943 did not specify clearly the territorial jurisdiction of the University. However, its jurisdiction was extended to include the princely states of Odisha by an agreement between the rulers of these princely states and the Government of Odisha. According to the agreement, adequate representation of the princely states in the administrative and academic bodies of the University was ensured. The Utkal University Act, 1943 was amended in 1947 defining the territorial jurisdiction of the University, which was subsequently extended to the whole state of Odisha in 1950. Dr. Pranakrushna Parija, the then Principal of Ravenshaw College, Cuttack was the first Vice-Chancellor of the University, and Mr. V.V. John, the then Assistant Professor of English, Ravenshaw College was its first Registrar.

The University, to start with, functioned mainly as an affiliating body. But soon afterwards, in 1949, it took over the management of the under-graduate Department of Law from Ravenshaw College, Cuttack and established its first constituent college now known as Madhusudan Law College, Cuttack. In 1956, the second phase of its expansion began with the opening of the Post-Graduate Department of Geology in Ravenshaw College Campus and an Engineering College at Burla, Sambalpur. The Department of Rural Economics and Sociology was also started in the same year with a generous grant from the Ford Foundation. In 1957, Post-Graduate Departments of Philosophy and Sanskrit were established in the premises of the Burdwan House in Cuttack. Then, until 1936, when Odisha was made into a separate province, all its colleges were under the jurisdiction of either Patna University or Andhra University. Subsequently, the government of Odisha, headed by Shri Biswanath Dash, the then Prime Minister; appointed a committee on 2nd March 1938 with Pandit Nilakantha Das as its Chairman to examine the possibility of establishing a separate university in Odisha. Then, during the premiership of Maharaja Krushna Chandra Gajapati,

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and another at Berhampur. The Utkal University Act, 1943 was suitably amended in response to the new situation. The two new Universities at Sambalpur and Berhampur came into existence with effect from 1st January 1967, the date from which the new Utkal University Act came into force. The jurisdiction of Utkal University, which had earlier covered the whole of Orissa, was redefined in the new legislation. After the establishment of the two new universities, the management of the Evening Colleges at Cuttack, Bhubaneswar, Sambalpur and Berhampur were taken over by the State Government. The Engineering College at Burla was handed over to Sambalpur University. Utkal University opened a few other Post-Graduate Departments such as Mathematics, Physics, Chemistry, Botany, Oriya and English during the years 1966-69 in its New Campus at Vani Vihar. The Department of Sociology and Labour Welfare was setup in 1970, which in 1974 was split into the Department of Sociology and the Department of Labour Welfare (now re-named as the Department of Personnel Management and Industrial Relations). The Department of Geography was opened in 1970.

The Post-Graduate Department of Law (LL.M.) was started in the year 1973. The Department of Geology, which was functioning earlier in Ravenshaw College, was shifted to Vani Vihar in 1977. The Departments of Library and Information Science and Business Administration were opened in 1981 and 1984 respectively. A Computer Center was established initially with an IBM-1130 computer donated by the University Grants Commission in 1970, which has subsequently been replaced by a WIPRO-LANDMARK system at a cost of Rs.16 lakh provided later by the UGC. The Computer Center, while facilitating research work undertaken by various departments of the University earlier, offered a Post-B.Sc. Diploma Course (DCA) in Computer Application from 1983 to 1997. In 1990 the University opened the Department of Computer Science and Applications. After the separation of the Computer Centre from the Department of Computer Science and Applications in 1998, the Centre is now functioning under the direct administrative control of the P.G. Council Chairperson; P.G. Council is the Prof-in-Charge of the Centre. New buildings for the Computer Centre, Academic Staff College and Jubilee building have been constructed. Besides, new buildings have been constructed for the Department of Pharmacy, Integrated MCA Department, Population Research Centre and the Department of Womens' Studies. In 1996, Departments of Ancient Indian History, Culture and Archaeology, Public Administration were carved out of History and Political Science Departments respectively. A new Biotechnology department started functioning from 2002 in the P.G. Department of Zoology. At present, the University has twenty-seven post-graduate teaching and research departments in the campus. The University has also offered 15 sponsored courses, and three UGC sponsored innovative programmes besides three constituent institutions: Directorate of Distance and Continuing Education, University Law College at Vani Vihar and M.S.Law College at Cuttack. Seventeen P.G. Departments of the University have been granted

Departmental Research Support/Centre of Advance Studies status by the University Grants Commission. During the XIth Plan period the University Grants Commission has accorded Colleges with Potential for Excellence (CPE) status to five colleges under the University which entitles them to receive significant funding support from the Commission.

In 1998, two more universities-North Odisha University and Fakir Mohan University-came into being to meet regional aspirations and facilitate further development of higher education. Utkal University has now jurisdiction over 9 districts, namely Angul, Cuttack, Dhenkanal, Jajpur, Jagatsinghpur, Kendrapara, Khurda, Nayagarh and Puri. Thus, the University exercises territorial jurisdiction over an area measuring 24,973 sq. kilometres and caters to the for higher education needs of a population of more than 110 lakh.

Authorities, Bodies and Officers

Members of the Syndicate

| | |
|-------|--|
| i. | Prof. Soumendra Mohan Patnaik (Vice Chancellor, Utkal University) |
| ii. | Shri Ansuman Kumar Mishra (Member Public Enterprisers Selection Board) |
| iii. | Shri Ashwini Kumar Mishra, OAS (SAG), Director Higher Education, Odisha |
| iv. | Prof Sabita Acharya (chairperson PG Council, Utkal University) |
| v. | Prof Dr Jayshree Mohanty (Principal, SCB Medical College, Cuttack) |
| vi. | Dr Jayant Kumar Dash (principal Dental Wing, SCB Medical College, Cuttack) |
| vii. | Prof Basanta Kumar Mallik (P.G. Department of History, Utkal University) |
| viii. | Prof Namita Das, PG Department of Mathematics, Utkal University) |
| ix. | Dr Satyabrata Mohanta (Director, Indira Gandhi Institute of Technology, Sarang, Dhenkanal) |
| x. | Shri Dayanidhi Nayak, OAS (SAG), Registrar, Utkal University |

UNIVERSITY OFFICIALS

| | | |
|----|--|---|
| 1 | Hon'ble Governor, Odisha and Chancellor, Utkal University | His Excellency Professor Ganeshi Lal |
| 2 | Vice Chancellor | Prof. Soumendra Mohan Patnaik |
| 3 | Chairperson, P.G. Council | Prof. Sabita Acharya |
| 4 | Registrar | Sri Dayanidhi Nayak, OAS (SAG) |
| 5 | Comptroller of Finance | Sri Surendra Ku. Sahoo, OFS (SG) |
| 6 | Controller of Examinations | Sri Sharat Kumar Majhi |
| 7 | Budget-cum-Accounts Officer | Mrs. Sarita Barik |
| 8 | Director, C.D.C | I/c Prof. Sabita Acharya |
| 9 | Director, Research & Development | I/c Dr. N.N. Das |
| 10 | Director of Student Welfare | Dr. S.K. Badamali |
| 11 | Director, DDCE | Dr. Sujit Acharya |
| 12 | Director, UGC-HRDC | Prof. Mitali Chinara |
| 13 | Director, Sports Council | Prof. Maheswar Sahu |
| 14 | Chief Librarian | I/C Smt Pranati Garnaik |
| 15 | Programme Coordinator, NSS | I/c Ms. Lucy Sonali Hembram |
| 16 | Prof. In Charge, Parija Library | Prof. P. Jena |
| 17 | Deputy Director P.R.C | I/c Dr. (Mrs.) Priyanka Khurana |
| 18 | Deputy Registrar (Gen) | I/c Dr. M. K. Sadual |
| 19 | Deputy Registrar (Spl Cell) | Dr. Sabuj Sahoo |
| 20 | Deputy Controller of Examinations | Smt. S. Rath |
| 21 | Public Information Officer | Dr. M. K. Sadual |
| 22 | Professor In Charge of Press | Prof. S. K. Tripathy |
| 23 | Security Officer | Shri Karunakar Jena, OPS |
| 24 | Manager, University Guest House | Dr. H. S. Rout |
| 25 | Asst. Engineer | Er. Nancy Pattanaik |
| 26 | Employment Officer | Smt. Anita Nayak |
| 27 | Administrative Officer(PGC) | I/C Mr. Jugal Charan Nayak |
| 28 | Headmistress U. U. High School | I/c Smt. Sukanti Devi |
| 29 | Placement Officer | Mr. Sarit Kumar Panda |
| 30 | Medical Officer | Dr. D. K. Panigrahi |
| 31 | Coordinator, World Bank Project | Dr. Dr. N.N Das, Dept of Chemistry |
| 32 | Coordinator, RUSA 2.0 | Dr. Himanshu Sekhar Rout Dept. of Economics |

POST-GRADUATE DEPARTMENTS

| Sl. No. | P. G. Departments | Year of Estd. | Degree | Strength |
|---------|---|---------------|---------------------|----------|
| 1 | Analytical and Applied Economics | 1963 | M.A | 88 |
| 2 | Ancient Indian History, Culture & Archaeology | 1996 | M.A | 32 |
| 3 | Anthropology | 1958 | M.A./M. Sc. | 34 |
| 4 | Biotechnology | 2002 | M. Sc | 25+8 |
| 5 | Botany | 1969 | M. Sc | 32 |
| 6 | Business Administration | 1984 | MBA | 32 |
| 7 | Chemistry | 1967 | M. Sc | 32 |
| 8 | Commerce | 1962 | M.Com | 56 |
| 9 | Computer Science and Application | 1990 | MCA | 40 |
| 10 | English | 1969 | M.A | 40 |
| 11 | Geography | 1956 | M. Sc | 24 |
| 12 | Geology | 1956 | M.A | 28 |
| 13 | History | 1959 | M.A | 64 |
| 14 | Law | 1973 | LLM, VV LLM, MSL | 30 30 |
| 15 | Library and Information Science | 1981 | M. Lib. | 24 |
| 16 | Mathematics | 1966 | M.A./M. Sc. | 64 |
| 17 | Odia | 1969 | M.A | 64 |
| 18 | Personal Management & Industrial Relations (PMIR) | 1974 | M.A | 32 |
| 19 | Philosophy | 1957 | M.A | 64 |
| 20 | Physics | 1967 | M. Sc. | 32 |
| 21 | Political Science | 1958 | M.A | 64 |
| 22 | Psychology | 1958 | M.A | 48 |
| 23 | Public Administration | 1996 | M.A | 32 |
| 24 | Sanskrit | 1957 | M.A | 64 |

| | | | | |
|----|-------------------------|------|-------------|----|
| 25 | Sociology | 1974 | M.A | 48 |
| 26 | Statistics | 1958 | M.A./M. Sc. | 32 |
| 27 | Zoology | 1960 | M. Sc. | 32 |
| 28 | MBA in Rural Management | 2018 | MBA | 24 |
| 29 | Master in Public Health | 2018 | MPH | 24 |

SELF-FINANCED PROGRAMMES

| | |
|-----|---|
| 1. | 2-Year Executive M.B.A. |
| 2. | MBA(Financial Management) |
| 3. | 5-Year Integrated M.B.A. |
| 4. | 5- Year. Integrated M.C.A. |
| 5. | M. Tech. Computer Science |
| 6. | M.Sc. Applied Micro-Biology |
| 7. | M.Sc. Environmental Science |
| 8. | M. Pharma |
| 9. | B. Pharma |
| 10. | M.A. in Women Studies |
| 11. | M.Sc. in Computer Science |
| 12. | . |
| 13. | Master of Journalism & Mass Communication |
| 14. | P. G. Diploma in Remote Sensing and GIS |
| 15. | M.A. in Hindi |
| 16. | . |
| 17. | B.Ed. / M. Ed. |
| 18. | Master of Social Work |
| 19. | . |
| 20. | . |
| 21. | M.Tech. in Information Technology |
| 22. | M.Sc. Material Science |

Constituent Colleges

| SL No | College old code | | |
|-------|------------------|--------------|---|
| | College New code | College Name | |
| 1 | 03a | 1003 | Bapujee College, Chhendipada |
| 2 | 04a | 1004 | Utkalmani Gopabandhu Mahavidyalaya. Khamar. |
| 3 | 05a | 1005 | Malyagiri Mahavidyalaya, Pallahara |
| 4 | 07a | 1007 | Bantala (Degree) College Of Higher Education, Bantala |
| 5 | 08a | 1008 | Hingula Degree College, Solada |
| 6 | 09a | 1009 | P.S.S.J. College, Banarpal |
| 7 | 10a | 1010 | P.M.M. Degree College, Rengali |
| 8 | 11a | 1011 | Kaniha Degree College, Kaniha |
| 9 | 12a | 1012 | Nilakantheswar Mahavidyalaya, South Balanda |
| 10 | 14a | 1014 | Patitapaban Degree Mahavidyalaya,Jarapda |
| 11 | 15a | 1015 | Anchalika Degree College,Talmul |
| 12 | 16a | 1016 | Pabitrnanagara Mohavidyalaya, Parabil |
| 13 | 1017 | 1017 | Siddhi Binayak +3 Science College |
| 14 | 1018 | 1018 | Focus College Of Science |
| 15 | 1019 | 1019 | Omm Bidya Bharati +3 Science And Arts Residential College |
| 16 | 1020 | 1020 | Binayak Degree College |
| 17 | 01c | 2001 | Gopabandhu Science College,Athagarh |
| 18 | 02c | 2002 | Mohan Subudhi Degree College, Baramba |
| 19 | 05c | 2004 | Christ College, Cuttack |
| 20 | 07c | 2006 | Stewart Science College, Cuttack |
| 21 | 08c | 2007 | J.K.B.K. Govt. College, Cuttack |
| 22 | 10c | 2009 | Choudwar College, Choudwar |
| 23 | 11c | 2010 | Kandarpur College, Kandarpur |

| | | | |
|----|-----|------|--|
| 24 | 12c | 2011 | P.P. College, Nischintakoili |
| 25 | 13c | 2012 | Subhadra Mahatab Mohavidyalaya,Asureswar |
| 26 | 14c | 2013 | Kanpur Anchalika Mahavidyalaya, Kanpur |
| 27 | 15c | 2014 | Devi Kandal Nityananda (Degree) College |
| 28 | 16c | 2015 | M.A. Mahavidyalaya, Lemalo |
| 29 | 17c | 2016 | S.S.D. College Of Science & Tech (Degree).,Bali |
| 30 | 18c | 2017 | Kishore Nagar (Degree) College,Kishore Nagar |
| 31 | 19c | 2018 | Cuttack College,Nayabazar |
| 32 | 20c | 2019 | Brahman Jharilo Mahavidyalaya, Raipur |
| 37 | 21c | 2020 | Emarti Devi Women's College, Naya Sarak |
| 38 | 22c | 2021 | Indira Gandhi Women's College, Cuttack |
| 33 | 23c | 2022 | Shree Shree Dhabaleswar Mahavidyalaya,Gurudijhatia |
| 34 | 24c | 2023 | Dolagobinda Braja K. Mohavidyalaya,Kasarda |
| 35 | 25c | 2024 | Jawaharlal Nehru College, Kuanpal |
| 36 | 26c | 2025 | P.P. Dev Mohavidyalaya, Tigiria |
| 37 | 27c | 2026 | Mahanga Puspagiri Mahavidyalaya, Erakana |
| 38 | 30c | 2028 | Tangi College,Kota Sahi |
| 39 | 31c | 2029 | Lakshmi Narayan Sahu Mohavidyalaya, Jagatpur |
| 40 | 32c | 2030 | Netaji Subhas Memorial City College,Raja Bagicha |
| 41 | 33c | 2031 | Kalapathar Dhalapathar College,Kalapathar |
| 42 | 35c | 2032 | Narasinghpur College, Narasinghpur |
| 43 | 36c | 2033 | Sudarshan Mahavidyalaya, Bayalishi Mauza |
| 44 | 39c | 2036 | Govindpur (Degree) College |
| 45 | 40c | 2037 | C.S. (Degree) College Of Science & Arts, Nuapatna |
| 46 | 41c | 2038 | Bahugram Degree College, Bahugram |
| 47 | 42c | 2039 | Niali College, Niali |
| 48 | 44c | 2041 | Ansupa College +3 Degree, Saranda |

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| 49 | 46c | 2042 | Radhanath Rath Vigyan Degree Mahavidyalaya, Khuntuni |
| 50 | 47c | 2043 | Maniabandha Degree College, Maniabandha |
| 51 | 49c | 2045 | Damapara Anchalika Mohavidyalaya (Degree), Damapara |
| 52 | 53c | 2049 | Raghunath Jew College, Deula Sahi |
| 53 | 56c | 2052 | Mahanadi Mahavidyalaya, Kakhadi |
| 54 | 2053 | 2053 | Kalinga Bharati Residential (Degree) College |
| 55 | 2054 | 2054 | Saktisai Degree College |
| 56 | 2055 | 2055 | Sabitri Devi +3 Science College |
| 57 | 2056 | 2056 | Reshma Science Degree College |
| 58 | 2057 | 2057 | R.P. Degree College |
| 59 | 2058 | 2058 | Trideb's Degree College, Tangi |
| 60 | 2059 | 2059 | Cncb Academy Of Science & Technology |
| 61 | 2060 | 2060 | Saraswati Degree Science College |
| 62 | 2061 | 2061 | Kmbb, Degree College |
| 63 | 2062 | 2062 | Brundaban +3 Science Residential College |
| 64 | 02d | 3002 | Kamakhyanagar College, Kamakhyanagar |
| 65 | 04d | 3004 | Baji Rout Memorial College, Bhuban |
| 66 | 05d | 3005 | Janata College, Satamile |
| 67 | 06d | 3006 | Mahima (Degree) Mahavidyalaya, Joranda |
| 68 | 07d | 3007 | Hindol College, Khajuriakata |
| 69 | 08d | 3008 | Parjang Mahavidyalaya, Parjang |
| 70 | 09d | 3009 | Jiral Degree College, Jiral, Dhenkanal |
| 71 | 10d | 3010 | Odapada Panchayat S. Mohavidyalaya, Hindol Road |
| 72 | 11d | 3011 | Mathakaragola College, Mathakaragola |
| 73 | 12d | 3012 | Parimal Degree College, Pandua |
| 74 | 13d | 3013 | Garhapalasuni Degree College, Garhapalasuni |
| 75 | 14d | 3014 | Anchalika Mahavidyalaya +3, Pragyan Vihar, Siminai |

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| 76 | 15d | 3015 | Mahabirod College,Mahabirod |
| 77 | 16d | 3016 | Pingua Degree College,Pingua |
| 78 | 17d | 3017 | Anchalika Degree Mahavidyalaya,Banasingh |
| 79 | 18d | 3018 | Debendra Satpathy Memorial College. |
| 80 | 23d | 3021 | Dhenkanal Evening (Degree) College,Dhenkanal |
| 81 | 24d | 3022 | +3 S.S.S Mahavidyalaya, Gaudakateni |
| 82 | 25d | 3023 | S.S.B. +3 Mahavidyalaya, Baruan |
| 83 | 26d | 3024 | +3 Anchalika Mahavidyalaya, Birashal |
| 84 | 27d | 3025 | Sanda Degree College, Sanda |
| 85 | 00d | 3026 | Mayadhara Memorial Degree College, Bidharpur |
| 86 | 3027 | 3027 | Tapoban Degree College |
| 87 | 3028 | 3028 | Saikrupa +3 Science Residential College |
| 88 | 3029 | 3029 | Sanskar Academy |
| 89 | 3030 | 3030 | Royal Residential Degree College |
| 90 | 3031 | 3031 | Madhusudan Residential College |
| 91 | 3032 | 3032 | +3 Anchalika Degree Mahavidyalaya |
| 92 | 3033 | 3033 | E-Tech Residential Degree College |
| 93 | 02e | 4002 | Pattamundai College,Pattamundai |
| 94 | 03e | 4003 | S.N. College,Rajkanika |
| 95 | 04e | 4004 | Olaver College,Olaver |
| 96 | 05e | 4005 | Lokanath Mahavidyalaya, Patkura |
| 97 | 06e | 4006 | Brahmani College,Dandisahi |
| 98 | 07e | 4007 | Aul(Degree) College,Aul |
| 99 | 08e | 4008 | Sri Sri Bayababa Mahavidyalaya,Mahakalpara |
| 100 | 10e | 4010 | H.N.S. College,Chandola |
| 101 | 11e | 4011 | Marshaghai College,Marshaghai |
| 102 | 12e | 4012 | U.K. Mahabir College,Madanpur |

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| 103 | 13e | 4013 | Biju Pattanaik Degree College,Antei |
| 104 | 14e | 4014 | Karilopatna College,Karilopatna |
| 105 | 15e | 4015 | Sri Sri Jagannath Mahavidyalaya,Rajnagar |
| 106 | 16e | 4016 | Birupa College,Indupur |
| 107 | 17e | 4017 | V.H.J. Mahavidyalaya,Nikirai |
| 108 | 18e | 4018 | Derabis College,Derabis |
| 109 | 20e | 4020 | B.R. Science College |
| 110 | 21e | 4021 | L.B. College,Ayatpur |
| 111 | 23e | 4023 | Thakur Nigamananda Mohavidyalaya,Rahamia |
| 112 | 25e | 4025 | Kendrapara Evening College,Kendrapara |
| 113 | 26e | 4026 | Debaray Samarsingh College,Ganeswarpur |
| 114 | 28e | 4027 | Deltacollege,Narayani Vihar |
| 115 | 29e | 4028 | Barapara Mahavidyalaya,Pattamundai |
| 116 | 4031 | 4031 | Rnm Institute Of Higher Studies |
| 117 | 4032 | 4032 | Alfa Best Degree College Of Science & Technology |
| 118 | 02g | 5002 | Paradeep Degree College, Paradeep |
| 119 | 03g | 5003 | A.S. College,Tirtol |
| 120 | 04g | 5004 | Sarala Mohavidyalaya,Rahama |
| 121 | 05g | 5005 | Kujanga College,Kujanga |
| 122 | 06g | 5006 | Alaka Mahabidyalaya, Anantabata |
| 123 | 07g | 5007 | Sri Jagannath Mohavidyalaya, Naugaonhat |
| 124 | 08g | 5008 | Balikuda College,Balikuda |
| 125 | 09g | 5009 | B.C. College,Redhua |
| 126 | 11g | 5011 | Baya Abadhut College,Kanimul |
| 127 | 12g | 5012 | Sri Sri Jagannath Mohavidyalaya,Ersama |
| 128 | 13g | 5013 | Ashrampatna College,Jagatsinghpur |
| 129 | 16g | 5014 | Baishi Mouza College,Puran Anakhia |

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| 130 | 18g | 5016 | Sidha Barang College Of Edn. & Tech,Punanga |
| 131 | 19g | 5017 | Swami Arupananda College Of Education |
| 132 | 21g | 5019 | Nabakrushna Choudhury Inst. Of Edn., Tarikund |
| 133 | 03j | 6003 | Gopabandhu Choudhury College, Ramachandrapur |
| 134 | 04j | 6004 | S.G. College,Kanika Pada |
| 135 | 06j | 6006 | Upendranath Sarada(Degree) Mohavidyalaya |
| 136 | 07j | 6007 | Kharasrota Mohavidyalaya,Singh Pur |
| 137 | 08j | 6008 | Dharmasala Mohavidyalaya,Dharmasala |
| 138 | 09j | 6009 | Sahaspur College,Balichandrapur |
| 139 | 10j | 6010 | Mahapurush Hadi Das Mohavidyalaya |
| 140 | 11j | 6011 | Sukinda College,Sukinda |
| 141 | 12j | 6012 | Baruneswar Mohavidyalaya,Arei |
| 142 | 13j | 6013 | Jhadeswar Degree College,Tolkani |
| 143 | 14j | 6014 | Lachhman Bala Jew Degree College,Angalo |
| 144 | 15j | 6015 | Kasinath Mohavidyalaya,Kaipada |
| 145 | 16j | 6016 | P.K. College,Baitarani Road |
| 146 | 18j | 6018 | Juna Bhadra Degree College,Bitana |
| 147 | 19j | 6019 | A.P. College,Sujan Pur |
| 148 | 20j | 6020 | B.S. (Degree) College,Nuahat |
| 149 | 22j | 6022 | Madhupur College,Kalan |
| 150 | 23j | 6023 | A.S. College,Balia |
| 151 | 25j | 6025 | Bharati Vihar Degree Mahavidyalaya,Haripur, Sukinda, Jajpur |
| 152 | 26j | 6026 | Maa Tarini Degree Mahavidyalaya,Panikoili |
| 153 | 27j | 6027 | Jenapur Degree College,Jenapur |
| 154 | 30j | 6029 | Regional College,Rambag |
| 155 | 32j | 6031 | Chitalo (Degree) Mohavidyalaya, Biraja Kshetra, At/Po - Chitalo, Jajpur |

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| 156 | 34j | 6032 | Baba Harekrishna Das Degree Mohavidyalaya |
| 157 | 36j | 6033 | Kanhu Charan (Degree) Mahavidyalaya, Korai |
| 158 | 38j | 6035 | Brahma Barada +3 Mahavidyalaya, Bramha Barada |
| 159 | 39j | 6036 | Mukunda Patra Degree Mahavidyalaya, Balarampur, Jajpur |
| 160 | oj | 6038 | Jagannath Jew Mahavidyalaya |
| 161 | 6039 | 6039 | Apex Residential Degree College Of Science & Commerece |
| 162 | 6040 | 6040 | Bidwan Residential Degree College |
| 163 | 6041 | 6041 | Excelsior +3 Science Residential College |
| 164 | 6042 | 6042 | Gurukul Kalinga Degree College |
| 165 | 6043 | 6043 | Hi-Tech Science (Degree) College |
| 166 | 02n | 7002 | B.S. College, Dasapalla |
| 167 | 03n | 7003 | Ranpur College, Ranpur |
| 168 | 04n | 7004 | Rajsunakhala College, Rajsunakhala |
| 169 | 05n | 7005 | Sarankul College Sarankul |
| 170 | 06n | 7006 | R.S. (Degree) Mahavidyalaya, Odagaon |
| 171 | 07n | 7007 | Nila Madhab Mohavidyalaya, Kantilo |
| 172 | 10n | 7009 | Pathani Samanta Degree College, Khandapara |
| 173 | 11n | 7010 | Balunkeswar Dev Anchalika Degree College, Tikiripada |
| 174 | 12n | 7011 | Sri Sri Raghunath Jew +3 Mahavidyalaya, Gania |
| 175 | 13n | 7012 | Dr. R. C. Samanta Roy Institute of Science & Technology |
| 176 | 14n | 7013 | Banshidhar Mahavidyalaya, Itamati |
| 177 | 15n | 7014 | Pindikesh Anchalika Degree College, Baulasahi |
| 178 | 16n | 7015 | Gatiswar +3 College, Malisahi |
| 179 | 17n | 7016 | Saheed Raghu Dibakar College, Garh Banikilo |
| 180 | 18n | 7017 | Dadhi Baman Jew +3 Mahavidyalaya, Bahadajhola |
| 181 | 20n | 7019 | Sukra Behera Degree College, Kendudhipi- D.N.Pur, Nayagarh |
| 182 | 00n | 7022 | Regional Degree College, Adakata |

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| 183 | 7023 | 7023 | Nuagaon +3 Degree College |
| 184 | 7024 | 7024 | Unitech Degree College |
| 185 | 7025 | 7025 | Pimit Degree College |
| 186 | 7026 | 7026 | Model Degree College, Nayagarh |
| 187 | 7027 | 7027 | Divine Degree College |
| 188 | 05p | 8005 | Utkalmani Gopabandhu Smruti(Degree)Mahavidyalaya, Sakhigopal |
| 189 | 06p | 8006 | Surajmal Saha College, Puri |
| 190 | 07p | 8007 | Mangala Mahavidyalaya, Kakatapur |
| 191 | 08p | 8008 | Pipili College, Pipili |
| 192 | 09p | 8009 | Gop College, Gop |
| 193 | 10p | 8010 | A.D. Mahavidyalaya, Brahmagiri, Puri |
| 194 | 11p | 8011 | Konark Bhagabati Mohavidyalaya, Konark |
| 195 | 13p | 8013 | Balanga College, Balanga |
| 196 | 14p | 8014 | H.D.V. Science Degree College, Panasapada |
| 197 | 15p | 8015 | Daya Vihar Degree College,Kanas |
| 198 | 16p | 8016 | Kanas Degree College |
| 199 | 17p | 8017 | M.G.Degree College Of Education & Tech.,Astaranga |
| 200 | 18p | 8018 | Gadibramha College, Delanga |
| 201 | 19p | 8019 | Ratanpur Science Degree College,Ratanpur |
| 202 | 21p | 8021 | Astaranga Degree College, Astaranga |
| 203 | 23p | 8023 | M.G. Memorial Degree College Of Edn. & Tech., Pubasasan |
| 204 | 24p | 8024 | S.S. Mohavidyalaya,Baliput |
| 205 | 27p | 8026 | Gopinath Dev Degree College,Pratap Purusottampur |
| 206 | 28p | 8027 | Brahmeswar Mohavidyalaya, Dharmakerty |
| 207 | 29p | 8028 | Panchayat Degree College Of Edn. & Tech.,Satapada |
| 208 | 30p | 8029 | Kalyanapur College,Kalyanapur |
| 209 | 31p | 8030 | Chaudamouza Bidyut Mohavidyalaya,Garhsanpur |

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| 210 | 32p | 8031 | Kandakhai College Of Science And Arts, Kandakhai |
| 211 | 33p | 8032 | B.J.B (+3) College, Gadarodanga |
| 212 | 34p | 8033 | Panchayat College (+3 Arts), Puri |
| 213 | oop | 8034 | Gyana Devi Degree College, Kuanarpur |
| 214 | 00op | 8035 | Paathsaala Commerece College |
| 215 | 0000op | 8037 | Namitadevi Degree College |
| 216 | 8038 | 8038 | Institute Of Technology & Management Studies |
| 217 | 8039 | 8039 | Bhakta Manein Smruti Degree Mahavidyalaya |
| 218 | 8040 | 8040 | Swadhin +3 Residential College |
| 219 | 8041 | 8041 | Prachi Mahavidyalaya For Disable |
| 220 | 8042 | 8042 | Sarala Degree Residential College |
| 221 | 8043 | 8043 | Anmol College Of +3 Science |
| 222 | 8044 | 8044 | Kalinga Degree College |
| 223 | 8045 | 8045 | Regional Degree College |
| 224 | 8046 | 8046 | Shree Ganesh +3 Science Residential College |
| 225 | 01u | 9001 | Godavarish Degree Mahavidyalaya, Banpur |
| 226 | 02u | 9002 | K.B.D.A.V. College, Nirakarpur |
| 227 | 08u | 9008 | Rajdhani College, Bhubaneswar |
| 228 | 09u | 9009 | Jatni College, Jatni |
| 229 | 10u | 9010 | Ekamra Degree College, Bhubaneswar |
| 230 | 11u | 9011 | K.B. College (Degree), Baranga |
| 231 | 13u | 9013 | Begunia College, Begunia |
| 232 | 14u | 9014 | S.A. Mahavidyalaya, Balipatna |
| 233 | 16u | 9016 | Sri Jayadev (Degree) College Of Education & Technology, Naharkanta |
| 234 | 17u | 9017 | Balugaon College, Balugaon |
| 235 | 18u | 9018 | Maharishi College Of Natural Law, Bhubaneswar |
| 236 | 19u | 9019 | Ramamani Mahavidyalaya, Kantabada |

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| 237 | 21u | 9021 | Nachuni College, Nachuni |
| 238 | 22u | 9022 | Raghunath College, Deuli |
| 239 | 23u | 9023 | Haladia College, Haladia |
| 240 | 24u | 9024 | Sri Jagannath College, Kaipadar |
| 241 | 25u | 9025 | D.R. Nayapali College, Bhubaneswar |
| 242 | 26u | 9026 | Ramachandi Mahavidyalaya, Gadmanitri |
| 243 | 28u | 9027 | Pratap Sasan Degree College, Balakati |
| 244 | 27u | 9028 | Rukmini Devi Chilika. Degree Mahavidyalaya . |
| 245 | 29u | 9029 | B.P.College Of Science & Education, Bhubaneswar |
| 246 | 30u | 9030 | Paramananda College, Bolgarh |
| 247 | 33u | 9033 | Raja M. D. Degree College Of Science & Edn., Patia, Bhubaneswar |
| 248 | 35u | 9034 | Sanatan Harichandan Mahavidyalaya, Madanpur |
| 249 | 36u | 9035 | Sri Baneswar Degree College, Bentapur |
| 250 | 37u | 9036 | Janata College, Kuhuri |
| 251 | 39u | 9037 | D.C.C. Degree College, Tangi |
| 252 | 41u | 9039 | Academy Of Management & Information Technology |
| 253 | 42u | 9040 | Kalinga College Of Commerce, Bhubaneswar |
| 254 | 43u | 9041 | Sarat Paikray Mahavidyalaya, Argul |
| 255 | 44u | 9042 | B.B. Mahavidyalaya, Chhatabar, Khordha |
| 256 | 45u | 9043 | Banamalipur Degree College |
| 257 | 47u | 9045 | K.P.P.A. Degree Mahavidyalaya, Malipada |
| 258 | 31u | 9046 | K.P.A.N. (Degree) College, Bankoi, |
| 259 | 56u | 9048 | Neelachal Institute Of Medical Sciences |
| 260 | 57u | 9049 | Mits School Of Biotechnology |
| 261 | 58u | 9050 | Royal School Of Management & Technology |
| 262 | 53u | 9051 | Trident Academy Of Creative Technology |
| 263 | 00u | 9052 | Sai International College Of Commerce & Economics |

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| 264 | 0000u | 9054 | Krishna Institute Of Management And Science |
| 265 | 001u | 9055 | D.A.V School Of Business Management |
| 266 | 002u | 9056 | Royal College Of Science & Technology |
| 267 | 003u | 9057 | Meridian Degree College |
| 268 | 9058 | 9058 | Jupiter Degree College |
| 269 | 9059 | 9059 | Bhubaneswar College (Degree) Of Computer Sc & Technology |
| 270 | 9060 | 9060 | Gayatri +3 Science College,Bbsr |
| 271 | 9061 | 9061 | Bhagya Degree College |
| 272 | 9062 | 9062 | Satyabhama Devi College For Hearing Impaired |
| 273 | 9063 | 9063 | Gourav College Of Commerce, Management And Science |
| 274 | 9065 | 9065 | Mahendra Institute Of Management And Technical Studies |
| 275 | 9066 | 9066 | Niis Institute Of Information Science & Management |
| 276 | 9067 | 9067 | Times College Of Science And Commerce |
| 277 | 9068 | 9068 | Gyan Bharati Degree College |
| 278 | 9069 | 9069 | Baba Residential Degree College |
| 279 | 9070 | 9070 | Navajyoti +3 Science College |
| 280 | 9071 | 9071 | Sophitorium Institute Of Technology And Life Skills |
| 281 | 9072 | 9072 | New Star Degree Science College |
| 282 | 9073 | 9073 | Asian School Of Business Management |
| 283 | 9074 | 9074 | Ganesh Institute Of Eng. & Tech Degree Sc. College |
| 284 | 9075 | 9075 | Gandhi +3 Science College |
| 285 | 9076 | 9076 | Chandaka Degree College |
| 286 | 9077 | 9077 | Kalijai Degree College |
| 287 | 99U | 9090 | Directorate Of Distance & Continuing Education, Utkal University |
| 76 | 03D | 3003 | Dhenkanal Mahila Mahavidyalaya |
| 112 | 09E | 4009 | Tulasi Women's College, Kendrapara |
| 168 | 17J | 6017 | Biraja Women's College,Jajpur |

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| 172 | 21j | 6021 | A.B. Women's Degree College,Alkund |
| 173 | 22j | 6022 | Madhupur College,Kalan |
| 219 | 03p | 8003 | Govt. Women's College,Puri |
| 236 | 20p | 8020 | Netrananda Sahoo Women's (Degree) College,Kakatapur |
| 240 | 24p | 8024 | S.S. Mohavidyalaya,Baliput |
| 268 | 12u | 9012 | Kamala Nehru Women's Degree College,Bhubaneswar |
| 276 | 20u | 9020 | Women's College,Khurda |
| 142 | 09n | 7008 | Nayagarh Prajamandal Mahila (Degree) Mahavidyalaya,Nayagarh |

Computer Centre, Utkal University

Since 1971, an IBM 1130 computer was commissioned inside the premises of P.G. Department of Physics, marking the establishment of Computer Centre of Utkal University. The above computer was one out of eleven such systems installed in the country at that time. Besides meeting the academic use all over the state, the computing facilities have also been used for nonacademic purposes by the Orissa State Electricity Board, Rourkela Steel Plant, FCI Talcher Heavy Water Project, Talcher and CRESSIDA etc.

Ministry of Electronics & Information Technology (Meity) has set up of Wi-Fi enabled Campus Network at four University namely (OSMANIA, NEHU, Utkal University and Pune) under which C-DAC has installed one high performance computing and one Deep learning server in the University Computer Centre.

Main Activities

- Preparation of Monthly pension of all the pensioners /family pensioners of the university.
- To provide computational facilities to the faculty members and research scholars of the university.
- Imparting training to the teaching and non-teaching staff of the university.
- To provide assistance to students of different P.G. Departements and sponsored courses for using the computers.
- To maintain the University Website.
- To provide and maintain Internet/Wireless Campus Network

Facilities: Computational Facilities at the centre are as follows

| | |
|--|-------|
| IBM x 3650 Blade Server | : 3 |
| COMPAQ prolient(Intel) server Windows NT | : 1 |
| Desktop Computer (Acer & HP) P4 | : 32 |
| D-Link Firewell | : 1 |
| Juniper Router | : 1 |
| Cyberom Firewall | : 1 |
| PARAM SHAVAK (CDAC) | : 2 |
| CISCO 7000 Nexus Device | : 1 |
| CISCO 5500 WLC | : 2 |
| CISCO NMS | : 1 |
| CISCO DHCP SERVER | : 1 |
| CISCO AP | : 184 |
| CISCO 2960x Switch | : 70 |

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|---------------------|-----|------|
| 10 KVA UPS | : 3 | |
| 1 KVA UPS | | : 40 |
| 6KVA UPS | | : 3 |
| KVM Switch | : 1 | |
| Line Matrix printer | | : 1 |
| Laser Printer | | : 1 |
| HP Scanner | | : 1 |

Rules for use of Computer Center

- Users are not allowed without Identity card and necessary permission from Head of the Department and System Manager.
- Users are required to use this center only during the time allotted to them
- They are not allowed beyond the time allotted to them
- Making disturbances in some form or other inside the Computer Center is strictly prohibited. Users have to maintain discipline during their time in the Computer Center
- Every user has to sign the Logbook and make necessary entries in the space provided
- Users have to bear with the staff of the Computer Centre during power failure and other such conditions.
- The user who disturb others or do not obey the rules shall be debarred from the use of computer center

Monitoring staff of Computer Centre:

Professor-in-charge of Computer Centre - Dr. Sabuj Sahoo

Asst. Prof. in-charge of - Mr. Hara Prasad Naik

System Manager (I/c) - Mr. Swapna Ku. Naik

Tech. Asst. - Mrs. Damayanti Mahapatra

Programmer - Mr. S. Das, (Transfer to CSA Deptt.)

Asst. Programmer - Mr.N.K. Acharya (Transfer. to MBA Deptt.)

Comp. Asst. - Mrs.S. Patnaik (Deployed at Exam.Cell)

Comp. Opt. - Mr.B.Harichandan

Off. Asst. - Mr.K.C. Nayak (part time, evening)

COLLEGE DEVELOPMENT COUNCIL, UTKAL UNIVERSITY

About CDC

The College Development Council (CDC) of Utkal University is an important wing of the University with the statutory mandate to provide guidance and coordination between the affiliated Colleges, University, Government of Odisha and UGC/other regulatory bodies for the integrated development of affiliated colleges/institutions.

Functions

The council plays an effective role for continuous improvement of the academic standard and governance of the Affiliated Colleges of the University. Apart from giving permission/affiliation to run a college and course subject to fulfillment of stipulated conditions, it plays a constructive role in developing the infrastructural facilities in the colleges by taking up their proposals to the UGC. It organizes periodical meetings of the Principals/IQAC Coordinators of the Colleges for discussion on various issues.

Advisory bodies

The College Development Council and Affiliation Committee are two principal advisory bodies of CDC for overall guidance and approval on various activities of the council.

Affiliations

Utkal University has 360 affiliated colleges, which includes 243 general degree colleges and 117 professional colleges. Twenty colleges of the University are autonomous and 82 colleges are accredited by NAAC while 147 affiliated colleges of the University have been recognized under 2f and 12B of UGC.

The council also looks after the AISHE Cell to manage and maintain all the information of the affiliated colleges and P.G. Departments of this university and transfer the same as per requirements of UGC, MHRD, etc.

Major Activities

During 2018, the Council has conducted the Affiliation committee meeting on 28th August 2018 to approve altogether 53 items. The council has also undertaken the academic audit of one of its affiliated colleges for extension of autonomy and conducted a fee structure committee meeting on 5th January 2018.

Directorate of Distance and Continuing Education (DDCE)

About DDCE

The Directorate of Distance and Continuing Education (DDCE) a constituent directorate of the Utkal University had a modest beginning as the University Evening College in October 1962 with an objective to provide continuing education. During that time, the College offered I.A. and B.A. programmes. It operated from the premises of Buxi Jagabandhu (BJB) College, an Utkal University's affiliated college. Shri Ram Chandra Rajguru, Shri Damodar Mishra, Shri Baidyanath Mishra and Shri Shiv Kumar Panda were the Principals. Shri Purna Chandra Pattanaik, Shri Ashutosh Pattanaik, Sri Khitish Chandra Dey and Shri K.P.A. Pillai served as Vice Principals.



DDCE Silver Jubilee Building

Directorate of Correspondence Courses

On 27th November 1974, The University Evening College was converted into Directorate of Correspondence Courses under the auspices of our Administrator Shri Gyan Chand, IAS. Dr. Ram Shankar Rath took over as the OSD of DCC and served as its first Director from 1975 to 1993. The DCC offered I.A and B.A. Programmes from July 1975, B.Com was subsequently added and B. Ed was offered for a short duration. The DCC operated from the Administrative Block of the Utkal University. In 1987 it was shifted to its present campus. The first floor of the DCC building was inaugurated in 1995 by the then Vice Chancellor, Utkal University, Prof. S.N. Acharya. Shri A.N. Mishra served as the Director in-Charge for 2 years from 1993 to 1995. Prof. S.P. Pani took over as the Director from 1995. Prof. Pani served as the Director for 18 years (1995-2000, 2004-2010 & 2010-2017) in three phases. Since 2018, Dr. Sujit Kumar Acharya, Head Dept. of Business Administrative of DDCE has taken over as Director.

Directorate of Distance and Continuing Education

As per the revised UGC guidelines for Open and Distance Learning, the DCC was converted to Directorate of Distance and Continuing Education in 1996. Prof. G.K. Das, Vice Chancellor, Prof. Ajit K. Mohanty, Prof. K.B. Pattanaik, Prof. S.P. Pani and Shri Alekh Chandra Mishra, A.O, DDCE played an active role in giving new directions to the institution.

DDCE introduced several new programmes in succession besides BA, and B.Com (Pass and Hons.). M.A, regular MCA in regular mode as an evening course, B. Sc (ITM), BITM, and Diploma in Digital Art, BCA, DCA and PGDCA were introduced. DDCE introduced a Management Programme in 2000 IMBA, MBA and PG Diplomas in Management (HR, MM, FM, POM, and TTM and DNM) are being offered currently under distance mode. Since 2014-15, DDCE is offering regular MBA Evening Program for working executives. Post Graduate Diploma in Banking and Insurance Management (in regular mode) was introduced in 2007 in collaboration with ICICI Bank. Certificate and Diploma Courses in NGO Management in Odia medium were introduced 2010 in collaboration with UNAIDS, New Delhi. This course was suspended in 2014. In 2007, the Soft Skill Development Cell was established, the MSW, M.Com and M.A. Economics were introduced in 2011 and M.A. in Hindi was introduced in 2013. The Internal Quality Assurance Cell, Utkal University was functioning in DDCE from 2011 to 2014. DDCE had also set up the Centre for Women's Studies in 1997. In 2008, Prof. Sukhadeo Throat, Chairman, UGC inaugurated the Centre for Social Exclusion and Inclusive Policy Study established by DDCE, both Centres are now independent. PG Diploma in Lib. Sc., PG Diploma in Journalism and Mass Communication and M.Sc. in Data Science are to be introduced from the session 2019-20.

In 2017 his Excellency Dr. S.C. Jamir, Hon'ble Governor of Odisha and Chancellor, Utkal University inaugurated the renovated Heritage Hall, the Shree Mandap and the Platinum Jubilee building.

In 1994, Computerization of DDCE was initiated and the first computer was procured in 1996. Today DDCE has two computer labs with more than 100 Computers, more than 5 Servers, numerous Printers, CCTV surveillance system with 16 cameras, Internet Lease line from BSNL, Radio Link Internet Connectivity from STPI and Structured LAN. We have already computerized admission, accounts and examination processes, initiated modest online Learning for PGDBIM. The Utkal University Examination Management System is also operational in DDCE.

Vision

To be a Centre of Excellence in Higher Education with a focus on innovative teaching, learning, research, consultancy and extension activities for building a creative, enlightened and productive civil society.



Mission

- To provide the students with knowledge, skills, values and sensitivity necessary for successful citizenship.
- To create and disseminate knowledge through interdisciplinary research and creative inquiry in developing a meaningful and sustainable society.
- To equip the students with problem solving, leadership and teamwork skills and inculcating a sense of commitment to quality, ethical behavior and respect for others.
- To provide a platform for free flow of ideas where discovery and creativity will foster professional growth and will usher in a better world.
- To ensure academic excellence in this dynamic knowledge economy by exposing the students to new ideas, new ways of understanding, new ways of knowing in their journey of intellectual transformation.
- To provide opportunity to those who are unable to pursue Higher Education in the conventional mode of teaching.
- To provide equal opportunity for Higher Education through distance mode.
- To provide opportunity to adult and working population to upgrade their knowledge, skill and qualifications and to advance their career perspective.
- To provide flexibility in enrolment in terms of age, choice of courses, methods of learning and appearance at examinations etc.
- To complement and supplement the Higher Education system of the state.
- To promote research and creation, dispersion and advancement of knowledge.

- To enable learners to overcome barriers: geographical, socio-economic and gender etc.
- To promote continuing education.
- To promote the cause of quality manpower under the faculty of Humanities and Social Sciences, Management and Business Studies and IT, Computer Science and Application.

Activities



- DDCE, Utkal University has got its recognition for offering Open and Distance Learning Programmes by Distance Education Bureau (DEB), UGC for the session 2017-18 and 2018-19.
- Students of DDCE have earned their merits in B.A/ B.Com and Post graduate programs. About fourteen students of DDCE from Under Graduate courses have ranked in different Honors in the Graduation Examination of Utkal University. About seven students have qualified for JRF and five students have qualified UGC-NET examination during this period. Students have also been placed in Government and Private sector.
- Remote Tutorial Assistance through Virtual Tutorials under RUSA is functioning at DDCE, Utkal University. The Plus 3 Commerce (Accounting Honours) recording have been completed during the session 2017-18. Total of around 700 hours of lectures have been recorded by various distinguished faculties in the Commerce discipline.
- At DDCE three floors of the Platinum Jubilee Building have been constructed and inaugurated by his Excellency Dr. S.C. Jamir on the Foundation Day of Utkal University in the presence of the Vice Chancellor, Utkal University.
- In the Platinum Jubilee Building two more floors were added with the provision of an auditorium and adjoining rooms have been constructed for the smooth conducting of the Seminars and conferences, with a capacity of 200 seating arrangement in the fourth floor. Separate lobby and dining hall provisions have also been made.
- DDCE has celebrated its ten years of SEARCH Journal and a special issue was released on De-centering English Study.

- The first cultural programme was conducted in the Heritage Hall by the students of DDCE.
- RUSA Review Meeting, Training Programme of RUSA, National Academic Depository State level awareness programme was also conducted during this period.
- The Civil Service Coaching was also inaugurated by Shri G.V.V. Sharma, IAS, and Commissioner cum Principal Secretary to the Govt. of Odisha.
- An international Conference on Indian Culture, Heritage: Past, Present and Future was also hosted by DDCE, Utkal University.
- Dr. S.K. Acharya was taken over as Director on superannuation of Prof. S.P. Pani, Director, DDCE, Utkal University.
- Teachers at DDCE continuously strive towards the betterment of their students and actively participate in on-going research programmes. They have immensely contributed to publication in journals of national and international repute.
- Students of Master in Social Welfare participated in Inter Collegiate Competition organized by International Justice Mission, Bhubaneswar under the topic “ Distress Migration and Slavery. “ Our students have bagged Second Prize in *Nukkad Natak*, Mime Act, Debate and Poster making as well as a trophy for the first runners-up.
- The third floor of the Silver Jubilee Building has been constructed by CPWD. In total 40,000 sq. ft. additional space for classrooms, exam halls, conference halls and staff rooms have been added.
- A new Department named as University Department of Teacher’s Education (UDTE) is formed to offered B.Ed and M.Ed courses at the Platinum Jubilee Building of DDCE, Utkal University. The NCTE team also visited to grant the permission of offering these courses. A review meeting

Examinations

Provisional Certificate Section

| Sl No | Nature of work | Number of certificates issued in 2017-2018 |
|-------|---|---|
| 1 | Preparation and issue of old mark sheets and PhD provisional Certificates to students on basis of application | 782 |
| 2 | Issue of Date of Publication of results applied through appropriate process | 940 |
| 3 | Issue of authentication and generation of certificates and marksheets to different Institutions/Agencies | 1610 |
| 4 | Different Testimonials (from deputy Controller of Examinations Establishment) | 950 |
| 5 | Transcripts (from deputy Controller of Examinations Establishment) | 1452 sets of Transcripts issues to 484 students |

Examination IV - Original Certificate Section

| Sl. No | Nature of Work | Number of certificates issued in 2017-2018 |
|--------|--|--|
| 1 | Preparation and issues of +3 (new) certificates to Colleges | 48,060 |
| 2 | Preparation of Post Graduate, M Phil and other Professional Courses (New Certificates) | 4763 |
| 3 | Preparation and issue of old Certificates | 9496 |
| 4 | Preparation and issue of merit certificates | 46 |
| 5 | Preparation and issue of PhD certificates during and after Convocation | 329 |
| 6 | Preparation and issue of Gold Medal Certificates during and after Convocation | 101 |
| 7 | Preparation of Degree Books for Convocation | For 65,000 students |

International Office, Utkal University

Brief Profile of International Office

The glorious intellectual tradition of Utkal University with robust international presence has played an inspirational role to internationalize the campus, the curriculum and the culture with the establishment of its International Office.

The Syndicate of Utkal University approved the proposal of establishing an International Office in January 2018 as part of the Platinum Jubilee celebration of the University. As a Centre of Excellence, Rupees 1.5 crores has been allocated under the World Bank-OHEPEE project. Its activities are augmented with other programmes carried out under World Bank and RUSA 2.0 assistance.

Mission

1. To internationalize Higher Education in Odisha by instilling cosmopolitanism in the campus and making the university community realizes the role of cultural diversity and national imagination in the quest for knowledge.
2. Locating the quest for knowledge on a global platform thereby increasing the employability, wider outreach and greater recognition of the local scholarship ensuring the global visibility of Utkal University
3. Creating leaders who think globally and act locally.

Vision

1. To be the leading teaching and research institute of distinction by promoting the welfare of our society through innovation, cooperation and collaboration. The University aspires to be the leading centre for internationalization of higher education in the eastern region of the country.
2. Internationalization strategy will explore the possibility of convergence and synergy with other programmes running parallel through funding of State government, Government of India in form of RUSA, grant for New Campus and other Grants of similar nature.

Managing Committee

Director - Prof. Soumendra Mohan Patnaik

Coordinator - Prof. Sabita Acharya

Coordinator IDP (WB) - Prof. Nigamananda Das

Member Secretary – Shri Dayanidhi Nayak

Co-coordinator - Dr. Seema Mallick

Assistant Co-coordinators - Dr. Seema Mallick, Dr. S. Swapna Prabhu, Dr. Kirti Mallick, Dr. Jyotirmayee Tudu, Ms. Sasmita Soren, Ms. Sunanda Patnaik and Mr. Sanjaya Kumar Sarangi

Verticals of the Office

- Organization of lectures, National and International conferences and workshops.
- Student exchange programs
- International Travel grant for faculty & students
- Arranging Consultancy, honorarium, domestic travel, local hospitality for International scholars
- Publication of articles, monographs & Books
- Resource books, journals and periodicals
- Short term courses / Foundation Courses.

Academic exchange agreements and MoUs

Memorandums of Understanding (MoU) signed with Universities abroad

1. University of California, Berkley
2. North Eastern University, Boston, USA
3. Department of Anthropology, East Germany University, Tuebingen, and Gothe University, Frankfurt, Germany.
4. Department of Bio- technology along with Science and Engineering research board (SERB-DST) and Baylor College of Medicine , Houston, Texas, USA
5. Utkal University is in the process of developing academic and research collaborations with RIKEN, Japan (Prof. Zhang Computational Biology).

National & International Seminars/Conferences/Workshops

1. Workshop on “*Internationalization of Higher Education: Why, What and How*” **on 28th June 2018** under the guidance of Mr. Francisco Marmolejo, Lead Education Specialist for India, World Bank.
2. Two Day Symposium on the theme GLOBAL INNOVATION DESIGN in Collaboration with the Imperial College, London on **8th & 9th August, 2018**.
3. Research Scholar’s workshop in collaboration with the United States International Educational Funding (USIEF) and the Fulbright Outreach Program on **September 18th 2018**.

4. International Workshop on "*Building Intercultural Competency: Perspectives from India and Italy*" at University of Delhi on **20th September, 2018** organized by the Indian Anthropological Association in collaboration with Utkal University and University of Bologna, Italy.
5. Academic meet on the theme "*Odisha: Higher Education for a better tomorrow*" in the Make in Odisha Conclave 2018 held from **11th to 15th November 2018**.
6. A Special talk by Dr. Vitalino Similox, Rector, Maya Kaqchikel University (UMK), an Indigenous University from Guatemala on '*Indigenous Universities in Guatemala: Challenges and Strategies*' on **1st December, 2018**.

Student exchange program

- Five Research Scholars from Imperial College of London participated in the symposium on Global Innovation Design on 8th & 9th August 2018.
 1. Laurenz Reichl
 2. Sophia Ppali
 3. Alex Kane
 4. Imran Nazerali
 5. Thea Peterson
- Karlie Knudtsen (Fox-Knudtsen) , Fulbright-Hays scholar from Cornell University, USA, was affiliated with Department of Anthropology, Utkal University for 12 months to conduct research on 'Aluminum Gods: Mining and Religiosity Along Odisha's Bauxite Supply Chain'.



Way Forward

The International Office is still at an infant stage but with a lot of dreams. It has systematically planned to grow into an engine that will transform the University from being the best in the region to one of the best in the global academic map. Given below is the blueprint of how the office plans to move forward.

- **Community Connection and Publicise Strengths:**
 - a. Strategic partnership programs with universities and NGOs
 - b. Academic exchange agreements and MoUs
 - c. Enhanced institutional reputation activities
 - d. Student and teacher on International mobility
 - e. Visitor centre Initiatives with Mobile APP service
 - f. International educational link up with Industries
- **Student and Scholar Services:**

- a. International Student advisory board
- b. Support Services by department and Library
- c. Short term courses / Foundation Courses
- d. Diversity and Leadership Programs
- e. Developing and managing international opportunities for students
- f. Mobility of funds and travel grant
- **International Exchange Program:**
 - a. International education link up with Universities
 - b. Teaching and knowledge exchange between departments and interdisciplinary centres
 - c. Seminar, Workshop and conference programmes
- **Student Life and Security :**
 - a. International hostel service
 - b. Multicultural Activities
 - c. Volunteering sessions
 - d. VISA and Immigration Service
 - e. e-FRRO service
 - f. Health and travel Insurance

Internal Quality Assurance Cell (IQAC)

About IQAC

The Internal Quality Assurance Cell (IQAC) was established in the year 2008. The cell acts as a catalyst of change for improving quality in teaching, research, infrastructure and learning, resources, boarding and placement. It periodically reviews all aspects of University with a bearing on quality. The cell aims at creating awareness for quality as; quality is a journey not a destination. The basic quality for IQAC is: Teachers Teach, Students Learn, All others facilitate the process.

A committee has been constituted as per the guidelines of National Assessment Accreditation Council (NAAC) comprising of members from various backgrounds such as administrative, teaching, management, employers, stakeholders, local society, alumni and students. The committee is headed by the Vice Chancellor as the Chairperson. One of the senior faculty members is nominated to coordinate various activities of the cell as the Director IQAC. Prof. Susmit Prasad Pani, Directorate of Distance and Continuing Education served as the founder Director of the cell from 2nd January 2008 to 27th October 2014. Prof. Ranjan Kumar Bal, Department of Commerce took over the charge and continued till 11th June 2016 followed by Prof. Kishor Kumar Basa. Department of Anthropology till 24th April 2018. Since April 2018, Prof. Pravati Kumari Mahapatra, Department of Zoology is serving as Director IQAC.

Important activities of the cell during the year 2018

- Conducted Academic Audit of all departments during 21st and 22nd March, 2018
- Conducted the first Institutional Ethics Committee meeting on 17th April 2018
- Coordinated constitution of third IQAC Committee: 20th July 2018
- Organized a Conference in collaboration with Elsevier on Institutional ranking and Importance of Data: 4th September 2018
- Constitution of a Team for NIRF Data analysis and subsequent uploading: 5th December 2018
- Conducted two meetings of IQAC with internal and external members: 31st March 2018 and 27th August 2018
- Uploaded Annual Quality assurance report (AQAR) of the University for the period 2017-18: 20th December 2018

Parija Library



The central library of Utkal University, named after its first Vice Chancellor, Professor Pranakrushna Parija, is one of the finest libraries in the state of Odisha. Parija library was first located at Bardhaman Kothi, Cuttack in 1946. Set up in 1946 in Cuttack, it was shifted to the campus of Utkal University in Bhubaneswar in 1962. The building of the library, an impressive edifice, is spread over 28,000 square foot and comprises a large reading room, periodical, reference, manuscript, documentation and text-book and administrative sections. The holdings of the library consist of more than two hundred thousand books and 5800 rare manuscripts. To serve the information needs of its large number of users in a globalised world the library, as part of UGC INFONET Digital Library Consortium INFLIBNET, provides them access to e-resources. The faculty, students, research scholars and employees of the University find Parija Library a vibrant and welcoming learning space.

Vision

- To be a world class knowledge resource centre.

Mission

- To support the knowledge seekers and creators.
- To facilitate dissemination of knowledge.
- To provide excellent bibliographical support.
- To be a repository of knowledge centre including both print and non-print media.
- To preserve the vast manuscript wealth of India.

Infrastructure

The library comprises different sections viz Reading room which occupies 7500 sq. ft. to accommodate 200 users, Journal section comprises 1800 sq. ft. for 50 users, Palm Leaf,

Manuscript section comprises of 600 sq. ft. to accommodate 20 users, Office occupies 2800 sq. ft. to accommodate 10 professional persons.

Collection

The library has a good number of collections of books, journals, theses and manuscripts. It has nearly 2, 51,663 books, 59, 553 journals. The Library has a separate Manuscript section where 5,800 palm leaf manuscripts from 13th century are preserved. Many eminent persons like Artaballava Mohanty & Prof. Karuna Kar have donated all their personal collections to the university. Since then the manuscripts section was built at Bardhaman Kothi, Cuttack and was subsequently transferred to Manuscript Section of Utkal University. Parija Library is the proud owner of a rich collection of rare manuscripts that illuminates different aspects of the glorious intellectual collection of Odisha.

The Parija Library subscribes 41 current journals and magazines. It also subscribes 19 daily newspapers. The library has also in house repository of 10,567 theses of different branches. Viz. Arts, Science, Commerce, Medical, Law.

Parija Library is also a part of UGC INFONET Digital Library Consortium, INFLIBNET programme along with the PROQUEST database. It has e-subscriptions of American Chemical Society, American Institute of Physics, American Physical Society, Annual Reviews, Cambridge University Press, Economic & Political Weekly, Emerald, Institute of Physics, ISID, JCCC, JSTOR, Oxford University Press, Project Muse, Royal Society of Chemistry, Springer Link, Taylor & Francis, Web of Science, Wiley-Blackwell. Parija library also offers video content on all major subject areas which covers Interviews, Talk shows, Research, Case Studies etc.

National Service Scheme (NSS)

Established in 1969, the National Service Scheme (NSS) unit in Utkal University organizes several activities for personality development of the students through Community Service. With the active participation of students the unit strives to inculcate civic and social responsibilities in the students.

Objective of NSS

- Develop an understanding about the community in which they work.
- Locate 'self' in context to their community.
- Identify needs and issues of the community and initiate the problem solving process by involving them
- Develop among themselves a sense of civic and social responsibility.
- Utilise their knowledge in finding practical solutions to individual and community problems.
- Develop competence required for group living and sharing of responsibilities.
- Gain skills in mobilizing community participation
- Acquire leadership quality and democratic attitude
- Develop capacity to meet emergencies and natural disasters
- Practice National Integration and Social Harmony.

NSS Coverage

The NSS wing of Utkal University covers 266 affiliated colleges. Under the wing about 24,000 volunteers manage 470 units.

NSS Activities

Out of the two assigned regular programmes under NSS - NSS Regular Activities and Special Camping Programmes, the NSS Bureau of Utkal University regularly organises various activities.

- Inter college NSS camps
- Blood Donation camp
- Plantation drives
- Swachha Bharat Mission activities
- Awareness Camps on Environment Protection
- Antidrug Addition

- Preservation of Old monuments
- Free Health check-up Camps
- AIDS Awareness
- Skill Development Programmes through TISS and state Employment Mission
- Leprosy Awareness
- Youth Exchange Programmes

In the 2018 and 2019 NSS organised

- Literacy programme in which about 3000 student NSS volunteers worked on a Literacy drive and out of more than 3000 people identified as illiterate in 42 villages, about 2000 were covered under the programme.
- About 188 camps for environment awareness/wasted development in which more than 25,000 saplings were planted in 65 acres of land by NSS volunteers.
- About 18 km of roads were repaired or reconstructed in 45 days, cleaned and bleached 117 wells, 31 ponds and 2 irrigation canal were also cleaned.
- About 52 pulse polio camps by the student volunteers where more than 1200 children were immunised. The camps were organised under the health and family welfare programmes. In the health camps about 470 health check-ups, eye check-up, audiology tests etc were organised. Besides 36 blood donation camps were also organised in which more than 2250 units of blood were collected along with more than 1000 body and organ donation pledges.
- About 58 NSS camps that is 35 summer camps and 23 Puja camps were organised in which about 1400 student volunteers and 60 Programme Officers participated.

Placement Cell

Education for Employment

Campus placement is becoming the buzzword amongst the students everywhere. The change in hiring trend by companies, banks and NGOs has dispelled the myth that campus jobs are only available for engineering and management graduates.

Now, even those perusing higher studies in traditional courses in social sciences, humanities and commerce aspire to get jobs in renowned companies through campus placement. As a result, many students at Utkal University participate in different recruitment drives get more than one job offer, even before the completion of their courses.

With the changing economic environment in the country, Utkal University understands the importance of realize the future trends of the economy and the technological disruptions to nurture students to be employable. Focusing on the skills and knowledge that is relevant to the future is very pertinent in the rapidly changing ecosystem.

Placement Cell Activities

Utkal University Placement Cell, constituted in the year 2005, facilitates the process of recruitment for the students pursuing different programs at the university. The activities of the Placement Cell include

- Preparation of the database of corporate and other institutions across the country
- Preparation of database of students studying in different departments and programs in the university
- Liaison with business leaders and senior managers in reputed companies
- Timely follow up and finalization of schedules for campus recruitment drives
- Organizing campus recruitment drive for eligible candidates
- Conducting mentoring programs and industry interaction workshops
- Career Counseling

In order to provide meaningful employment, the Cell liaises with various industrial establishments, corporate houses, Banks, NGOs, PSUs and organizes campus interviews for selection of students from all discipline.

Leading organizations of National and International repute have partnered with Utkal University for fresher's recruitment through campus placement. These include Intelligence Bureau (ministry of Home Affairs, Govt. of India), Indian Air Force (Ministry of Defense, Govt. of India), Bank of Baroda, United Bank of India, Federal Bank, Royal Bank of Scotland, South Indian Bank, Accenture, Exillant, Discovertaure Solutions, Tata Consultancy Services,

Infosys, Wipro Technologies, Tech Mahindra, Mindfire Solutions, SPARC India, TCube Solutions, Apollo Hospitals, Advinus, OTV, Tata Tele Services and many more.

Number of Students placed through Campus Placement in 2018-19

A total of 218 students were selected through 33 campus placement drives in the year 2018-19.

| Sl. No. | Name of the Department | Number of students appeared | Number of students selected |
|---------|--------------------------------|-----------------------------|-----------------------------|
| 1 | A&A Economics | 88 | |
| 2 | Anthropology | 32 | |
| 3 | Botany | 32 | |
| 4 | Business Administration | 30 | |
| 5 | Chemistry | 28 | 21 |
| 6 | Commerce | 48 | |
| 7 | Computer Science & Application | 30 | |
| 8 | English | 40 | 11 |
| 9 | LIB. & INF. SC | 24 | 7 |
| 10 | Mathematics | 64 | |
| 11 | PM&IR | 32 | |
| 12 | Physics | 30 | 11 |
| 13 | Sociology | 48 | |
| 14 | MBA (FM) | 35 | 1 |
| 15 | IMBA | 60 | 32 |
| 16 | IMCA | 60 | 32 |
| 17 | M.TECH (IT) | 60 | 44 |
| 18 | MSC Computer Science | 30 | |

| | | | |
|---|-----------------------------------|------------|----|
| 19 | M.TECH (CSE) | 30 | 5 |
| 20 | MBA Agribusiness | 60 | 6 |
| 21 | Journalism and Mass Communication | 30 | 48 |
| Total Number of Students placed through Placement Cell | | 218 | |

Population Research Centre

A brief profile of the Population Research Centre

A network of Demographic Research Centres was established by Ministry of Health and Family Welfare, Government of India, which were later re-named as Population Research Centres (PRCs). Presently there are 18 PRCs, of which 12 are located in Universities while 6 are housed in Institutes of repute. All the 18 PRCs



Population Research Centre building at campus

are equally categorised as Type I (9 PRCs) and Type II (PRCs) based on the facilities available with them. PRC is a research centre involved in PIP Monitoring assigned by the Ministry of Health and Family Welfare.

Affiliated to Utkal University, the Population Research Centre, Odisha is located in Bhubaneswar and falls under Type II category. The Centre was established in 1977 and has been working as a unit of the University under the Vice-Chancellor as the Ex Officio Director.

The major objective of the PRC is to provide critical research-based inputs related to the Health and Family Welfare Programs and Policies to the government both at the national and state levels. PRC has a core of multidisciplinary research team that is also involved in projects on issues related to its research objectives from National and International agencies.

In teaching or research related to population and demography, PRC also acts as a Resource Centre for the faculty and students of the social science departments of the University. Having interaction among faculties of the PRC and the other Departments of the University facilitates mutual benefits in terms of learning and development. PRC also offers, consultancy services to the State Government and Non-Government Organizations to carry out welfare program on health and population-related activities.

Faculty

Director: Prof. Soumendra Mohan Patnaik, Vice-chancellor and Ex-Officio Director

Deputy Director, In-charge: Dr. Priyanka Khurana, Assistant Professor, Department of Anthropology, Utkal University.

Research Investigator: Sri Prakash Chand Debangnan Meher

Field Investigator: Sri Satya Narayan Swain

Thrust Areas of Research

The research activities of the PRC are largely determined by the priorities of the Ministry of Health and Family Welfare (MOHFW), Government of India. Regular submission of quarterly progress reports, annual reports, and other documents required by the Ministry, in addition to periodic reviews, and the expert committee appointed for the purpose, not only give broad directions to the activities of the Centre but also oversee its overall functioning.

Moreover, the partnership with the NHM, Odisha and regional representative of the Union Health Ministry, as suggested by the MOHFW, on researchable and policy-making issues at the State level also enhances the contribution of the PRC in the policy-making and utility to the State Government. The thrust areas are as follows:

- Population health and family welfare
- Issues of health care providers
- Assessment of the functioning of Biobanks
- Impact assessment of diverse Programmes and schemes launched by the Ministry of Health and Family Welfare.

Ongoing Projects / Research

- Monitoring of the Programme Implementation Plan (PIP) under National Health Mission in four District of State Odisha - Khordha, Boudh, Sambalpur, and Kandhamal was undertaken by PRC. For the purpose, data was collected and compiled from health care facilities by visiting District Head Quarter Hospital, Khordha, CHC Tangi (FRU), PHC Begunia (N) (24x7) and Pubusahi Sub Centre (not a Delivery Point)
- An evaluation of Ayush Health Care units in Odisha (A case study in Khordha District of Odisha) was undertaken by PRC.
- Study on Utilisation of Health Care Services and its impact on Child Survival in Kandhamal District of Odisha was undertaken by PRC.

Achievements

a. Seminars/Symposia/Conferences/Lectures etc

- National Seminar on “Tribal Situation in Eastern India” was organised by PRC in collaboration with IGRMS & Department of Anthropology at Utkal University in March, 2018.

- PRC celebrated the World population Day by organising an awareness camp in the University Campus and participating in the Marathon organized by National Service Scheme (NSS) on 11th July 2018

b. NET/JRF -NA

c. Field Tours / visits if any

Field study was conducted in four District of State Odisha- Khordha, Boudh, Sambalpur, and Kandhamal.

d. Consolidated list of Publication by faculties for the year 2019

Annual Report for the year 2018-19 was compiled and submitted to the Ministry of Health and Family welfare to be placed in the Assembly.

Facilities in the PRC

The Population Research Centre has more than 500 books and archives related to population and demography. These resources are available for reference to the faculty and students of the social science departments. The PRC has one computer laboratory.

Road Map

In spite of the prime involvement of PRC, Bhubaneswar in Monitoring of Programme Implementation Plan (PIP) under National Health Mission, the Centre is committed to be involved with the departments in their research related to population and demography by carrying out interdisciplinary research in line with the objectives of Ministry of Health and Family Welfare.

Postgraduate Departments

Department of Analytical and Applied Economics

A brief profile of the Department

In the year 1956, Department of Rural Economics and Sociology was established with an initial grant from the Ford Foundation. The department started functioning from Burdwan House, Cuttack. As Ravenshaw College, Cuttack, was already running Post-Graduate teaching facility in economics the Department of Rural Economics and Sociology proposed to be developed as a research centre. It also offered training facilities in social science research methodology and prepared candidates for the doctorate degree of the University in Economics and Sociology.

With introduction of one year Diploma course in social science research, the Department of Rural Economics and Sociology shifted from Burdwan House, Cuttack, to the Utkal University campus at Bhubaneswar. The Post Graduate teaching in Analytical and Applied Economics was introduced in the department in 1963, and proudly celebrated its Golden Jubilee in 2014. The Department was later rechristened as of Department of Analytical and Applied Economics. In recognition of significant contributions made by the department in the field of economic research, University Grants Commission (UGC), selected the department as a Centre for Teacher-Fellowship Program in Economics in 1977, as a Department of Special Assistance (DSA) in the year 1989, ASIHSS grant awardees in 2006 and has been upgraded to Center of Advanced Study (CAS) in Economics from 2010-11 academic session.

The academic and research contribution of the department was also recognized by the State Bank of India and it instituted a Chair in Rural Economics in 1981, by creating an Endowment of Rupees six lakhs and it functioned till 2000. The Reserve Bank of India (RBI) also instituted a Chair in Institutional Finance in 1982 which is still functional. As a leading teaching and research center in India, the department holds seminars, conferences, discussions and interactive sessions regularly in the areas of social sector economics, rural economics, environmental economics, and agricultural economics and so on.

Facilities available

The Department has class rooms with LCD projectors and Internet along with a Computational and Networking Laboratory with 25 Computers, Internet, e-Resources, Reprographic facility, and surveillance. Computational Software like SPSS, E-Views and STATA are available for the students for data analysis. The Department has ten well-furnished faculty rooms equipped with computers, printer, scanner and internet along with a

Departmental administrative office with computers, printer, scanner and internet. A well-stocked library with a rich collection of more than 4,500 text and reference books, subscribes 20 journals, and major data sets in electronics form, students' common room cum library having more than 500 text books, 200 competitive books and computer facilities, a separate reading room for PhD scholars along with Department Surveillance System are also part of the infrastructure available in the Department.

Programmes Offered (More information required from the Department)

Masters in Analytical and Applied Economics [88 seats per batch]

MPhil [10 seats per batch]

PhD [14 seats]

Faculty

Professors: Dr Mitali Chinara

Readers: Dr. Himanshu Sekhar Rout and Dr Siba Shankar Mohanty

Assistant Professors: Dr. Alok Ranjan Behera, Dr. Atal Bihari Das and Dr Dr. Swayam Prava Mishra

Seminars/Workshops Organised (More information required from the Department)

1. As part of the curriculum, 84 individual seminar presentations were made by Semester IV students relating to topics on National Rural Health Mission, Sarba Sikhya Abhiyan, MGNREGA, Financial Inclusion, Gender gap, Nutrient Consumption etc.
2. Each of the 10 MPhil scholars gave three seminar presentations: one on the research proposal which was discussed and the faculty members gave suggestions for improvement, one on the review of relevant literature on the topic and one was on the findings of the study.
3. Each of the 14 scholars enrolled into the PhD course work delivered three seminars before the Subject Research Committee: two of which were seminars on a topic of their choice and one was a review of literature.
4. A study tour to Hyderabad was organised from 9 January 2018 to 16 January 2018 (7 days) with three faculty members and 30 students. The students visited the universities and institutes in Hyderabad and held discussions with the faculty members there in.

5. Extra mural lectures were held with domain experts from the field such as Dr.KN Murty, Professor (Retd.), School of Economics, University of Hyderabad, and Dr.Priyadarshi Das Research Associate at RIS, New Delhi, Dr. Samir Kumar Behera of RBI Bhubaneswar, Dr. Nilakantha Rath, noted Economist for the benefit of students and faculty members. Besides, Acharya Sanatan Gauranga Das and Acharya Srinibas Das from ISKCON, Bhubaneswar delivered talks on human values and ethics.
6. A total of 16 students from the department qualified NET/JRF.

Thrust Areas of Research

1. Environmental Economics
2. Economics of Social Sector
3. Financial Economics



Workshop on Financial Literacy in Partnership with the RBI in February 2018

Ongoing Projects / Research

1. The Department has a major research project funded by ICSSR, New Delhi, on “Estimation of unit cost and efficiency of Technical Higher education in Odisha”. The Principle Investigator of the project is Dr A R Behera
2. A research project on “Factors affecting accessibility and utilisation of institutional credit by tribal farmers: A case study of KBK districts of Odisha” (Project Cost Rs 8 lakh); **is being funded** by ICSSR, New Delhi, The Principle Investigator of the project is Dr A R Behera

List of Publication by Faculties

Dr. Mitali Chinara:

- **“Gender discrimination in wage earnings: A study of Indian wage market”**, published in Indian journal of Labour Economics, (ISSN: 0971-7927 (Print) 0019-5308 (Online)) March 2018, Vol 61, Issue 1, (pp. 157-169)
- **“Woes of women workers in urban informal sector: An exposition”**, published in Orissa Economic Journal, Vol 50, No. 1 & 2, (ISSN No. 0976-5409), (pp. 23-35), Jan – Dec 2018 (Co-author- Saswati Swagatika)
- **“Micro-finances through Self Help Groups and its impact on poverty: A case study in Odisha”**, (Co-author- S Sethi), published in “Women in Indian Society on a

Resurgent path: A new perspective”, (ISBN: 978-93-86714-51-0), edited S Acharya, S Tripathy, A Mohanty, N Barik, Kunal (2018)

Dr. H S Rout:

- **“Health System in Andhra Pradesh: A District Level Analysis”**, *Journal of Health Management*, (ISSN: 0972-0634), 20(1):15-27(Co-author: Subbalakshmi, T)
- **“Education and Economic Development: A Review of Literature”**, *PRAGATI: Journal of Indian Economy* (ISSN: 2347-4432), 5(1): 81-110, (Co-author: Ananya Mitra)
- **“Contribution of Education towards Agricultural Income in Odisha: A Gender Perspective”**, *MahilaPratishtha* (ISSN: 2454-7891), 4(1): 1-10(Co-author: Ananya Mitra)
- **“Extent of Use of the Government Sponsored Health Insurance Schemes: Evidence from Rural Odisha”**, *Indian Journal of Economics and Development*, (ISSN: 2320-9828), 6(10): 1-11(Co-author: B Panda)
- **“Access to Banking Services: An Analysis from two Districts of Odisha in India”**, *Indian Journal of Economics and Development*, (ISSN: 2320-9828), 6(11): 1-11(Co-author: D Ray).
- **“Returns to Education in Odisha: A Case Study of Industrial Workers”**, *Small Enterprises Development, Management & Extension (Sedme) Journal*, (0970-8464), 45(4): 61-71(Co-author: Ananya Mitra).

Dr. S S Mohanty:

- **“Growth, Economic Instability and Popular Aspirations in South Asia: Some Leads for Public Policy”**, *Economic Affairs*, (DOI: 10.30954/0424-2513.2018.00150.11), Vol. 63, No. 1, pp. 89-98, March 2018 (Co-Author: Dr. Madhu Bisht)
- **“Bio-social foundations of work-performance of urban non-manual employees: study of faculty members in Utkal University”**, *Indian Journal of Economics and Development*, Vol 6 (12), December 2018 (Co-Author: Annie Rath)
- **"Impact of Food Security Act on Standard of Living and Household Nutrition Level: A Casestudy of Doiwala Block of Dehradun DIstrict of Uttarakhand"** in Das H. S., Singh Rina and BishtMadhu (Eds) *Revisiting Economy, Missing Links and Alternative Vision* Shree Publishers, New Delhi, 2018 (Co-authors: H. Dhobal and Kuldeep Singh)

Dr. A R Behera:

- **‘Status and Problems of Tribal Education in Odisha: Government Initiatives’** *Journal of Economic & Social Development* Vol. XIV No. 1 ISSN No: 0973-886X Pp: 68-78 July- Dec, 2018.

Dr. A B Das:

- **“Higher education in Odisha: some reflections with special reference to technical and professional education”** *Indian Journal of Economics and Development*, Vol. 6 (12), PP. 1-10, December 2018, ISSN (online): 2320-9836 ISSN (Print): 2320-9828
- **"Women Empowerment Through Micro Entrepreneurship: A Study of Ganjam District Of Odisha"** (Co-author- Bijayini Padhi) *Business Sciences International Research Journal*, Vol. 06, Special Issue, PP.48-52, April 2018, ISSN 2321-3191

Dr. Swayam Prava Mishra:

- **“Progress and Performance of Kisan Credit Card Scheme in India”**, *Research maGma - An International Multidisciplinary Journal*, Vol. 1, Issue 12, February 2018, pp. 1-9 (ISSN NO. 2456 7078)
- **“Female Labour Force Participation and Economic Growth in India: A Cross Sectional Analysis using Census Data”**, *International Journal of Research and Analytical Review*, Volume 5, Issue 1, January - March 2018, pp. 190 - 193 (E ISSN 2348-1269 Print ISSN 2349 5138).

Road Map

- Expand the scope of application oriented courses
- Introducing add-on courses like Diploma and certificate in actuarial economics, Portfolio management, entrepreneurship development etc. in partnership with other departments and agencies
- Have a placement and career counseling cell for the department
- To maintain an organic link with potential employers
- Play a critical role in policy making and review process through active engagement with the government
- On the academic front, the syllabus is to be reviewed at regular intervals
- On the research front, each faculty members are to take up research projects in their own field of research interest and to participate in research activities in the thrust areas of the Department.

Department of Ancient Indian History, Culture and Archaeology

A brief profile of the Department

The P.G. Department of Ancient Indian History, Culture and Archaeology was established in the year 1996 on the recommendation of the 8th Plan of the UGC visiting team 1990 to create opportunities for teaching and higher research in art, archaeology and culture of India. The founding faculty members were Prof. K. S. Behera, Prof. A. N. Parida and Dr. Sanjay Acharya. Prof. K. S. Behera, a renowned historian was the first head of the Department. After retirement he was Emeritus Professor in the Department and was awarded the prestigious Indira Gandhi Memorial National Fellowship and was also the Vice Chancellor of F.M.University. Prof.A.N.Parida of the Department was the President of the 30th Session of the Odisha History Congress. Thereafter, Prof. S. Pradhan carried the Department to new heights and was invited to deliver the key note address in the Rock Art Summit held in Yangshoo, China. In order to popularize the subject, the Department has instituted special lecture programme on art and archaeology, conducted refresher courses, seminars and photo exhibition with a view to create awareness in the society.

Further in the year 2007 the UGC Innovative Course of Master's in Tourism and Heritage Management (MTHM) was introduced.

Faculty

Professors: Dr. Sanjay Acharya (HoD)

Assistant Professors: Dr. Sushanta Kumar Patra (Stage II)
Dr. Anam Behera

Programmes Offered

Master of Arts [32 seats]

M. Phil [10 seats]

PhD [06 seats]

Facilities Available

Presently the Department is the only of its type in the state to impart knowledge on art, architecture and archaeology. It has carried on excellent research work and has also produced more than 40 numbers of UGC (20) and ICHR-JRF. The Department has an excellent seminar library. It regularly conducts archaeological exploration and excavations, where the students are imparted practical training in the methods of archaeology. Field visits to monuments and sites are conducted for on the spot study. The revised syllabus is as per

the UGC guidelines based on the CBCS pattern. In 2012 Narisho, an early historical site was excavated under the aegis of this Department. It completed two projects entitled “Survey and Documentation of Lesser known Monuments at Puri and at Bhubaneswar” being sponsored by the INTACH, Bhubaneswar Chapter. It also completed another major research project on Documentation of Monuments in Odisha sponsored by IGNCA, New Delhi.

Thrust Areas of Research

- Art and Architecture of Odisha
- Field Archaeology

Seminars Organised/Invited Lectures

- Special Lecture on Inscription as a source of history, by Prof. K. Suryanarayana, Emeritus Professor, Department of History, Andhra University on 05.02.2018.
- Special Lecture on Exploring Maritime Heritage of Odisha – Text, Tradition and Archaeology, by Dr. Benudhar Patra on 23.02.2018.
- Special Lecture on Origin of Image Worship in India, by Prof. Ananda Chandra Sahoo, Department of AIHCA, Viswabharati, Santiniketan, West Bengal on 21.08.2018.
- Special Lecture on Rock Art of Odisha, by Prof. Sadasiba Pradhan, Former Professor, P.G. Department of AIHCA, Utkal University on 28.08.2018.
- Special Lecture on Historian’s Source, by Prof. Ananda Chandra Sahoo, Department of AIHCA, Viswabharati, Santiniketan, West Bengal on 30.10.2018.

Field Tours

- 16.01.2018 - field visit to Lalitagiri, Udayagiri and Ratnagiri in Cuttack and Jajpur districts by the 4th Semester students under the guidance of Prof. S. Acharya, Dr. S.K. Patra and Dr. A. Behera.
- 17.02.2018 to 26.02.2018 - Field training in methods of Exploration and Excavation at Bharatihuda, Jalalpur (Niali Block of Cuttack district) for the 2nd Semester students under the guidance of Dr. S.K. Patra and Dr. A. Behera
- Training conducted by Archaeological Survey of India at their Bharatihuda excavation site.
- 17.11.2018 - Field visit to Monuments of Bhubaneswar for on the spot study for the 3rd Semester students under the guidance of Prof. S. Acharya, Dr. S.K. Patra and Dr. A. Behera

Papers Published by Faculties

Prof. Sanjay Acharya

1. **Poacher's village to birds paradise of Mangalajodi: Biodiversity Conservation by Ecotourism Initiatives at Odisha**", *Vista international Journal on Energy, Environment & Engineering*, Vol. 3 Issue 4, July-Aug, 2018 (Page 69-77), ISSN (2456-5342), jointly with S.K. Sarangi.
2. **"Signs and Symbols in Rock Shelters of Odisha: A Study on its Design, Type and Interpretations"** *Odisha Historical Research Journal*, Vol. LVII, No. 3 & 4, 2018 (Page 43-51), ISSN (0474-7269) jointly with N. Sharma.

Other representation

1. Participated in the International Conference **Purbasa: East meets East**, synergising the North-East and Eastern India with the Indo-Pacific, organised by the Kalinga International Foundation on 16th – 19th March 2018 at Mayfair Lagoon, Convention Centre, Bhubaneswar.
2. Coordinator in the **Induction Training Programme for Lecturers** (OES-Group-A for Humanities and Social Sciences) from 10.12.2018 to 13.12.2018

Dr. S. K. Patra

1. Participated and successfully obtained Grade A in the UGC Sponsored Refresher Course on Research Methodology from 11-09-2018 to 01-10-2018 conducted by UGC Human Resource Development Centre, Utkal University.
2. Appointed as Observer for IGNOU, Term End Examination, June, 2018.
 - Participated in the ICHR sponsored International Conference on Adivasi Questions and policy Roadmap: Envisioning Odisha 2036, ChapterII on 9-10, January, 2018.
 - Presented a Paper on Sources of Regional History of odisha: In Archaeological Perspective in the 39th Session of Odisha history Congress on 27th-28th January,2018, at Bhawanipatana Autonomous college, Kalahandi.
 - Resource Person in the Annual Seminar on Indian Freedom struggle, at Raghunath Jew College, Cuttack on 2nd February, 2018.
 - Resource Person in the UGC Autonomy Seminar on Temple Architecture in Odisha at Salipur Autonomous College on 10th February, 2018.
 - Participated in the International Conference Purbasa: East meets East: Synergising the North East and Eastern India with the Indo- Pacific , Conducted by Kalinga International foundation on 16-18 March,2018- Hotel Mayfair Lagoon, Bhubanerswar.

- Participated in the International Conference on Trade and Commerce: Past, Present & Future on 17th -19th March, 2018 at Bhubaneswar.
- Presented a Paper on Saptamatrika Images in the Temple Art of Odisha with reference to Coastal Regions in UGC Sponsored National Seminar on History & Archaeology: Recent Perspectives organised by Department of History, Sambalpur University on 27th – 28th March, 2018.
- Presented a Paper on Sources on Odishan history in Archaeological Perspective in the National Seminar on Revisiting Odisha's Past: New Historical perspective on 21st April, 2018 conducted by Department of History, Utkal University.
- Presented a Paper on Recent Trends in Odishan Archaeology in the Regional Session of OHC at Department of History, SCS Autonomous College on 24th June, 2018

Dr. A. Behera

1. Newly Discovered Rock shelters in Odisha, *Odisha Historical Research Journal*, Vol. LuI No. 3 & 4, P. 21-23. 2018 Odisha State Museum, Bhubaneswar, ISSN (0474-7269)
2. Odisare Buddhaharmararahasya (Odia), Budhhajayanti Bisesank *Puspagiri*, Puspagiriparisada, 2018, Ratanagiri, Jajpur, Odisha. P. 75-77.
3. Buddhism in Daya Valley, Proceedings of the Seminar on Recent Researches in Indian Archaeology with special reference to the Buddhist Art and Architecture, P.178-185. Directorate of Culture And Archaeology Government of Chhattisgarh, Raipur
4. Archaeological Research: study of New Approach, *Proceedings of the Odisha History Congress*, Department of History, Government College (Autonomous) Bhawanipatana, Kalahandi. ISSN 2277-7445X

Paper Presentation for the Year 2018

- **Narasighpatana, Puri District - Find Spot of A Telugu Inscription.** 6th-7th January 2018. 42nd Annual Session of Andhra Pradesh History Congress at Department of History Sri Y.N. College, Narsapur, Andhra Pradesh
- **New Thought in Archaeological Research.** 27-28 January 2018. 39th Annual Session of Odisha History Congress at Utkal University, Vani Vihar Bhubaneswar
- **Gandhi Model of Economy has Relevance in Solving Present Problem of Unemployment.** 30th January 2018. National Seminar on Gandhi Today at Utkal University, Vani Vihar Bhubaneswar
- **Indo-Japan Relation in Trajectory of History.** 16th February 2018. International Seminar on India-Japan Relations: Issue and Challenges, jointly organized by Post-Graduate Department of Political Science And Japanese Language Pilot Project P,G,Department of Anthropology Utkal University, Vani Vihar Bhubaneswar

- **New Lights on Maritime History of Odisha: A study Of Text and Context.** 16th February 2018. International Conference on Indian Trade and Commerce: Past, Present and Future, organized by Institute of Media Studies and Kaling Media Centre held at Bhubaneswar.
- **Discovery of New Fort in North Odisha.** 21st April 2018. National Seminar on Revisiting Odisha's Past: New Historical Perspectives organized by P.G. Department of History, Utkal University Vani vihar Bhubaneswar.

Road Map

- To organise a Buddhist seminar in collaboration with OIMSEAS, Govt. of Odisha for the Platinum Jubilee Year Celebration.
- To continue the Photo Exhibition of Heritage sites of Odisha in collaboration with ASI, Govt. of India and OIMSEAS, Govt. of Odisha for the benefit and awareness of the students and public.
- To become a Department of Special Assistance through excellence in research & teaching.
- Getting a separate building for the Department and establishing a Museum.

Obtaining research funding for exploring the Neolithic-Chalcolithic sites, Maritime Heritage & Study of Buddhism in Odisha.

Department of Anthropology

Brief profile of the Department

Set up in 1958 by one of the doyens of anthropology in India late Professor A. Aiyappan, the Post-Graduate Department of Anthropology, Utkal University is one of the oldest Departments of Anthropology in India. It is one of the few departments in India where teaching and research are available in majority of the specializations viz. Social-Cultural Anthropology, Biological Anthropology, Archaeological and Paleocultural Anthropology and Development Anthropology. Six Professors of the Department have been elected as President in the Anthropological and Behavioural Science Section of the Indian Science Congress in various years. The Department was awarded the CSIR-Kalinga-Haldane Chair in Human Genetics. It has the distinction of being the first Anthropology Department in the country to have been awarded the ASHISS grant by the University Grant Commission.

It has collaborated with a number of international and national centres/organizations. These include University of Sussex, State University of New York, University of Utha, Orissa German Project, and Indian Council for Medical Research, Jawaharlal Nehru University, Anthropological Survey of India,



Students during fieldwork

Indira Gandhi Rashtriya Manav Sangrahalaya, Madurai Kamraj University, Deccan College, Pune etc. At present Department has signed MoU with Max Plank University and University of Goethe, Germany. In consonance with the Government of India's emphasis on furthering relationship with Japan the department also has the distinction of running an elementary level Japanese language course under Japanese Language Pilot Project since 2015.

Facilities in the Department

The department is equipped with *Biological Anthropology Instrumentation Centre*, *Archaeological Anthropology Laboratory*, *Cultural Museum*, and *Prehistoric Archeological Museum*. It has well equipped research laboratories for biological anthropology including molecular anthropology, human growth & development, forensic anthropology and

prehistoric archaeology. The department has a rich collection of more than 6000 reference books, journals, reports, theses, dissertations reprints etc. available for consultation and ready reference.

Programmes Offered

M.A. / M. Sc in Anthropology – [34 seats]

M. Phil in Anthropology – [10 seats]

Ph. D in Anthropology – As per vacancy

Faculty

Professors:

Prof Kishor K. Basa (Retd.)

Prof Sabita Acharya

Prof Upali Aparajita

Associate Professors:

Dr. Prasanna Kumar Patra (HOD)

Dr. Kanhu Charan Satapathy

Assistant Professors:

Mr. Daitari Sahoo (Stage-II)

Mr. Subrat K Naik (Stage-I)

Dr. Priyanka Khurana (Stage-1)

Thrust Areas of Research

Gender studies, Culture and Health, Development, Business/ Urban Anthropology, Weavers in Odisha, Medical Ethics, Health, Nutrition, Demography, Prehistoric Archaeology and Palaeocultures of Odisha, Molecular Anthropology, Population diversity, Genomics and Health studies.

Ongoing Projects / Research

- UGC CAS II: on Bio-cultural perspective on the Particularly Vulnerable Tribal Groups of Odisha.
- Heading of Centre of Excellence in Studies on Tribal and Marginalized Communities under the WB-OHEPEE Programme under DHE, Government of Odisha.
- Ongoing research on - “A Study on the Prehistoric Archaeology of the Lower Mahanadi Valley, Odisha”, is being carried out by Mr. Daitari Sahoo.
- Ongoing project entitled “Evolutionary and Social Implication of Genome Diversity Study among the three Ethnic groups of Odisha” funded under Utkal University Seed Grant is being carried out by Dr. Priyanka Khurana.

Seminars Organised

1. Under Japanese Language Pilot Project an interactional session with the Ambassador of Japan, Mr. Kenji Hiramatsu accompanied by a delegate including Ms. Patricia Hiramatsu, Ambassador Madam, Mr. Masayuki Taga, Consul General of Japan in Kolkata, Mr. Yasujiro Miyake, Counsellor, Embassy of Japan in India was organized by the Department on 12.01.2018.



National Seminar on Tribal Situation with Special Reference to Eastern India
28th - 30th March 2018

2. Anthropological Survey of India sponsored Three Days National Workshop on Research Methodology in Social Sciences from 15th to 17th February, 2018
3. An International Seminar on Indo-Japan Relations: Issue and Challenges was organized in collaboration with P.G Department of Anthropology, Utkal University on 16.02,2018.
4. The Department organized a National Seminar on “Tribal Situation in Eastern India” in collaboration with IGRMS & PRC- Collaboration – National Seminar, 29th Mar, 2018
5. The Department Co-organized a National Seminar in collaboration with KISS University on Tribal Education in contemporary Society: Issues and concern.
6. World Population Day was celebrated on 11 July 2018 in collaboration with Population research Centre. Utkal University.
7. A Refreshers Course on the topic “Tribes in Neo-liberal Era” was organized in December 2018.

Field Tours

| Specialization | Area of Field Study | Population/Community |
|---------------------------------------|-----------------------------------|------------------------|
| Socio-Cultural Anthropology (Group-A) | Banspal, Keonjhar | Paudi Bhuyan Community |
| Biological Anthropology (Group-B) | Baya Pandadar, Bansapal, Keonjhar | Juang Community |

| | | |
|---|----------------------|---|
| Archaeological and Paleocultural Anthropology (Group-C) | Raisuan, Keonjhar | Archaeological Survey around the River Machhakandana. |
| Development Anthropology (Group-D) | Maniabandha, Cuttack | Weaver Communities of Odisha |

Papers Published by Faculties

1. Basa, K.K (2018) Multi Culturalism, Centrality and the State. Edited by Ajit K Danda, Kishor K. Basa & Dipali Danda. Published by INCAA.
2. Acharya, S. (2018) Edited of the book “Women in Indian Society on a Resurgent Path: A New Perspective”. Published by Kunal Publication House, New Delhi.
3. Acharya, S. (2018) Edited the Journal “Utkal Journal of Women Studies”. Published by School of Women’s Studies, Utkal University, Bhubaneswar.(RNI Ref.No: 1302733,Vol-I)
4. Sahoo, D. (2018) “Rock Art Sites in the Lower Mahanadi Valley, Odisha” Published in the Proceedings of 39th Annual Session of Odisha History Congress 2018, ISBN: 978-93-85798-32-0 by Odisha History Congress and P. G. Department of History, Government College (Autonomous), Bhawanipatna, Odisha.
5. Satapathy, K. C., P.K. Patra and S. Mohapatra, (2018) “Epidemiology of Blood Pressure among tribes of North Odisha” in L. K. Sahoo ed. Tribal Health: Regional Perspective, Serial Publication, New Delhi.
6. Panda, M., A. Mahapatra and K. C. Satapathy, (2018) “Health Seeking Behaviour of People in a Malaria Endemic Village of Odisha, India: An In-depth Study”, The Oriental Anthropologist 18(2): pp 341-360.
7. Naik S. K, D. Sahoo and S. Nayak, (2018) “Prehistoric Cultural Relics Around Raruan, District Mayurbhanj” Submitted for publication to Sharma Centre for Heritage Education, Chennai.

Road Map

The department plans to revise the curriculum in accordance with national and global trends in the field. In research, it intends to broaden the scope of research by engaging in interdisciplinary, inter-institution research in bio-cultural aspects of tribal communities of Odisha. It plans to encourage faculty members and research staff to generate funding through extra-mural projects. In extension activities it plans to strengthen the publication profile by documenting, publishing and disseminating already researched body of works carried out by the members of the Department. It plans to publish a theme-based series on museum artifacts stored and displayed at the Cultural Museum of the Department.

Department of Biotechnology

A brief profile of the Department

Post Graduate Department of Biotechnology is established in the year 2002 and the M.Sc. Biotechnology teaching programme is supported by the Department of Biotechnology, Govt. of India, New Delhi, under Human Resource Development Programme. The Department is equipped with the state of the art infrastructure for teaching and research in Biotechnology. The M.Sc. Course curriculum has been designed to impart theoretical and practical training to the students in Cell Biology and Genetics, Genetic Engineering, Biochemistry, Microbiology, Bio-techniques, Molecular Biology, Enzyme and Bioprocess Technology, Immunology, Environmental Biotechnology, Biostatistics and Bioinformatics. Recently, the Department has also adapted choice based curriculum for M.Sc. students based on DBT model syllabus and UGC guidelines. Students pursuing M.Sc. programme usually get fellowship from DBT, Govt. of India and State Government.

Facilities available

The Department has well equipped laboratories with number of sophisticated equipments to carry out practical sessions for M.Sc. students. Besides the general M.Sc. laboratories to carry out routine practicals, the Department has several research laboratories including Molecular Biology Laboratory, Animal cell culture facilities, working cold



room, Instrumentation facilities (PCR machine, Real Time PCR machine, Gel documentation system, Vertical and horizontal electrophoresis system, Electrophoresis and Blotting system, Electrophoresis power supply, Research microscope with digital photography attachment, Inverted microscope, Microtome, Fluorescence microscope with digital imaging system, High Performance Liquid Chromatography, ELISA reader, UV-Vis Spectrophotometer, Spectrofluorimeter, Hansatech Oxygraph, Microplate Spectrophotometer, Laminar air flow-horizontal system, CO₂ Incubator, Phase II Bio-safety cabinet, Quartz double distillation

plant, Colony counter), etc., where Doctoral/Postdoctoral students, Scientists and Faculty members are actively engaged in cutting edge research in various fields of Biotechnology.

Programmes Offered

M.Sc in Biotechnology [14 seats]

M. Phil -

Ph.D. [07 seats]

Faculty

Professor: Prof. J. Dandapat (HOD)

Reader: Dr. Sabuj Sahoo

Lecturer: Dr. Jyotsnarani Pradhan,

Dr. Sanatan Majhi



UV-Vis Spectrophotometer



MSc. Laboratory -I



MSc. Laboratory -II



MSc. Laboratory -III

Number of PhD. research scholar under each faculty

| Name of Faculty | No of Scholar pursuing PhD | No of Scholars awarded PhD |
|-------------------|----------------------------|----------------------------|
| Prof. J. Dandapat | 05 | |
| Dr. S. Sahoo | 04 | 01 |

Invited Lectures

“Something different than the usual always seems interesting!”

Guest Lectures – they are fresh, new and often engaging. The department organised several Invited Lectures to ensure the students get fresh perspectives and learn new things. Here is a list of Invited Lectures that was organised in 2018.

- Dr. Tapas Goswami , Principal Scientist, Immunology section, ICAR-Indian Veterinary Research Institute, Izatnagar, Bareilly , UP had graced the department with a guest lecture on Immunology : “Subject of strange Biology standing on its toe, disrupts the foe” on 27/01/18.
- Dr. Surya Narayan Rath, Asst. Professor, Co-PI, DBT- Project, BIF Centre, Department of Bioinformatics, OUAT, Bhubaneswar was invited to speak on Molecular Dynamic Simulation: A tool to study Dynamics of Macromolecules on 31/01/18.

- Dr. Tirumala Kumar Chowdary, Reader, School of Biological sciences, NISER, BBSR delivered a lecture on Infectious Diseases- Structural Biology to the Rescue on 28/02/18.
- Dr. Satish Kumar, Chief scientist, CCMB, Hyderabad presented a lecture on Cutting-edge research in animal biotechnology.
- Prof. Jayant Kumar Mishra, DOSMB, Pondicherry University, Port Blair spoke on chemical signalling in his lecture.
- Dr. Timir Tripathi, Asst. Prof., Molecular and Structural Biophysics Laboratory, Department of Biochemistry, North-Eastern Hill University, Shillong had graced the department with a lecture on Dynamic thiol based redox metabolism in the liver fluke *Fasciola gigantica* offer novel targets for drug development on 17/04/2018.
- Dr. Aditya Padhi, RIKEN, Yokohama, Japan had delivered a lecture on Exploiting conceptual approaches to uncover loss of function mechanism of Amyotrophic lateral sclerosis and familial lymphoma on 13.08.2018.
- Dr. Renjith Mathews, School of Biological Sciences, NISER, Bhubaneswar presented on Cell, their shapes and some rumination on biology of 21st Century on 18/08/2018. He also gave a lecture on Basics of Confocal Microscopy on 08/12/2018.
- Prof. B.C. Tripathy, Former V.C., Ravenshaw University, Cuttack and J.C. Bose fellow at School of Life Science delivered a lecture on Modulation of Chlorophyll Biosynthesis and degradation protects plants from high light on 09/11/2018.
- Dr. Satish Devdas, Scientist, Institute of Life Sciences presented a lecture on Basics of flow cytometry on 08.12.2018.
- Dr. Anshuman Dixit, Scientist D, Institute of Life Sciences delivered a lecture on Protein structure modeling on 08.12.2018.

Seminars/Workshops Organised

The department organised a workshop on Advances in Biotechniques on 8th December 2018. Dr. Renjith Mathew, National Institute of Science Education & Research was among the guest speakers on the occasion where he spoke about Basics of Confocal Microscopy. Dr. Satish Devdas & Dr. Anshuman Dixit, Scientist D, Institute of Life Sciences also attended the workshop. They both gave lectures on Basics of flow cytometry & Protein structure modeling respectively.

Other Seminars/Workshops attended by Students

Students of the department had attended a workshop on PROTEOMICS BOOTCAMP: TPWIS- 2018, Hands on Session on Orbitrap Fusion Tribrid Mass Spectrometer organized by IIT Bombay on 23rd Feb, 2018. IIT Bombay had also organized another workshop titled

“GIAN, INTERACTOMICS WORKSHOP” from 24th to 28th Feb, 2018 which was attended by students of the department.

Students were also a part of a lecture workshop in “Recent innovation in Cell Science” organized by Zoology Department, Utkal University on 23rd and 24th Feb, 2018.

Published Papers by Faculty Members

1. Host plant-derived allelochemicals and metal components are associated with oxidative predominance and antioxidant plasticity in the larval tissues of silkworm, *Antheraea mylitta*: Further evidence of joint effects hypothesis. Smaranika Sahu., Abinash Dutta., Dinesh Kumar Ray., Jyotsnarani Pradhan., Jagneshwar Dandapat., Comparative Biochemistry and Physiology.2018; DOI 150.1016/j.cbpb.2018.06.004
2. Foliar supplementation of ascorbic acid and glycine boost the growth performance and antioxidant protection in the larvae of tropical tasar silkworm, *Antheraea mylitta*. Abinash Dutta, Jagneshwar Dandapat and Nakulananda Mohanty. Journal of Entomology and Zoology Studies.2018; E-ISSN: 2320-7078 P-ISSN: 2349-6800, 136-142.
3. Current advances in nanocarriers for biomedical research and their applications, Artificial Cells, Nanomedicine, and Biotechnology, by George Kerry Rout, Han Seung Shin, Sushanto Gouda, Sabuj Sahoo, Gitishree Das, Leonardo Fernandes Fraceto & Jayanta Kumar Patra, Vol.. , June 2018, p1-10, ISSN: 2169-1401 2169-141X, DOI: 10.1080/21691401.2018.1478843
4. Devika Das, Sheela Kumari Sahoo, Luna Samanta and Sabuj Sahoo, Screening, Partial Purification and Stability Studies of Cyclodextrin glycosyl Transferases from *Bacillus amyloliquefaciens* Strain L4-6, JAM Vol. 3(5-6), 2017-2018 pp 252 – 262, ISSN Online: 2349-7785.
5. Atish Kumar Sahoo, Jagnehsvar Dandapat, Umesh Chandra Dash , Satish Kanhar. 2018, Features and outcomes of drugs for combination therapy as multi-targets strategy to combat Alzheimer's disease Journal of Ethnopharmacology. 215: 42-73.
6. Alpana Sahoo¹, Abinash Dutta² , Jagneshwar Dandapat^{2*} and Luna Samanta Sahoo. 2018. Low H₂O₂ and enhanced oxidative resistance in the diapause-destined pupa of silkworm, *Antheraea mylitta* (Lepidoptera: Saturniidae) suggest their possible involvement in dormancy and lifespan extension. BMC Zoology. 3:1 DOI 10.1186/s40850-018-0027-4.
7. Suresh Kumar Bunker., Jagneshwar Dandapat., Gagan B.N., Chainy Sunil Kumar Sahoo and Prabhat Kumar Nayak. 2017. Neonatal Exposure to 6-n-Propyl-Thiouracil, an Anti-Thyroid Drug, Alters Expression of Hepatic DNA Methyltransferases, Methyl

- CpG-Binding Proteins, Gadd45a, p53, and PCNA in Adult Male Rats, Eur Thyroid J. DOI: 10.1159/000479681.
8. Pro-inflammatory cytokine Interleukin-1 α (IL-1 α) controls Leishmania infection. Tejaswini Patil, Vasundhara More, Deepti Rane, Arkajyoti Mukherjee, Rahul Suresh, Ashok Patidar, Neelam Bodhale, David Mosser, Jagdishwar Dandapat, Arup Sarkar. Cytokine. 2018;doi.org/10.1016/j.cyto.2018.06.033.
 9. Neutrophils: Interplay between host defense, cellular metabolism and intracellular infection. Deepti Rane, Tejaswini Patil, Vasundhara More, Sushree Sangita Patra, Neelam Bodhale, Jagdishwar Dandapat, Arup Sarkar. Cytokine. 2018; doi.org/10.1016/j.cyto.2018.07.009.
 10. Type-1 interferons prolong the lifespan of neutrophils by interfering with members of the apoptotic cascade. Eresso Agaa, Arkajyoti Mukherjee, Deepti Rane, Vasundhara More, Tejaswini Patil, Ger van Zandbergend, Werner Solbach, Jagdishwar Dandapat, Heidi Tackenberg, Mareike Ohms, Arup Sarkar, Tamas Laskay. Cytokine.2018;doi.org/10.1016/j.cyto.2018.06.027.

Book chapter

1. “Advanced Functionalized Nanoparticles for Biomedical Applications” in an Edited Book “Advanced Biosensors for Health Care: Materials and Applications” 2018, by S. Sahoo and R. G. Kerry, Elsevier [In press].
2. Manisha Manjari Panda, Sheela Kumari Sahoo and Sabuj Sahoo, “Biotechnology for sustainable utilization of Bioresources, 2018, Impact of heavy metal on growth and amelioration of antioxidant defense mechanism of *Terribacillus goriensis* strain MNSMP5 with improved production of acid protease. Accepted conference proceedings of the National Seminar. p-333-344. [In press]”
3. Saheli Saha, Susmita Ghosh, Smruti Malinee Sahoo & Sabuj Sahoo, Production of Therapeutic Proteases: Current Advances and Future Prospectives in the Edited book "Microbial Fermentation and Enzyme Technology" to be published by Taylor & Francis. (Under process)
4. Debashrita Mittra and Sabuj Sahoo “CRISPR/Cas9 – An invention for Plant breeding and Agricultural Sustainability” In the edited book "Bioresource utilization in Therapeutics, Biofuel, Agriculture and Environmental protection" to be published by ‘Apple Academic Press (AAP), Inc., Canada, a Taylor & Francis group [Accepted].
5. Sheela Kumari Sahoo and Sabuj Sahoo, Exploitation of fibrinolytic Enzymes in Combating Blood Clotting Disorders - Recent Advances and Strategies: A 12 Comprehensive Review in the edited book “RECENT ADVANCES IN PHARMACEUTICAL BIOTECHNOLOGY AND FUTURE MEDICINE” which will be published by Cambridge Scholars Publishing, UK, [Accepted].

Patents Filed

1. Dr. Sabuj Sahoo: Applied for grant of patent: “Powdered nasal formulations as a potent antiepileptic agent: A novel non-invasive alternate for improved permeability, bioavailability and faster onset of action from olfactory region to brain tissue” [Patent Office: Mumbai, Govt of India, Dated: 01.05.2018, Application No. 201821016371, CBR No. 8033, reference No. E-2/903/2018- MUM].

Department of Botany

A brief profile of the Department of Botany

Post Graduate Department of Botany, Utkal University was established on the 2nd July 1969 and was functional in the premises Regional College of Education, Bhubaneswar. Dr. S.N. Patnaik, Dr. Dinabandhu Sahoo and Dr. Bidydhara Padhi were the three founder member faculties in the first year of the Department's operations. Dr. B. Padhi was the founder Professor and Head and 12 students each took admission both in the first and the second year. In February 1972, the Department got a new building in Vani Vihar with well-furnished staff rooms, class rooms and laboratories. Subsequently more faculty members were recruited, and student strength increased.

Since 2000, apart from its regular courses, the Department offers two Post Graduate Self Financing courses in Applied Microbiology and Environmental Science. The Department has received funds from UGC under DRS Programme in three phases and from DST under FIST Programme in two phases. In addition the faculty members received



View of the Department

funds individually or in groups from various extramural funding agencies for research. Many students of the Department qualified NET & GATE and moved on to join various Research Institutes of national and international repute.

Seminar Library of the Department, "*Parijatak*" was inaugurated by Late Prof. Prana Krishna Parija. The Seminar Library had started with a donation from Prof. P.K. Parija's lifetime collection of books and journals. Regular weekly seminars are being held every Saturday and students speak on various topics of scientific interest. Distinguished scientists and academicians are also invited to deliver their talks on many occasions. Since its inception the Department has not only focused on academic excellence, it organises regular activities for the students through events like their "welcome", "farewell", celebrate various festivals like "Ganesh and Saraswati Puja", regular "field study and excursion", "Annual

Day” celebration and publication of the Seminar bulletin “Parijataak”. The students write articles both on literary and scientific topics which appear in two wall magazines known as “SATADAL” and “PHYTON” which are displayed on all the Department walls. The Department has an active catering unit named as ‘MADHUPAK’ and a vibrant cultural unit known as ‘PALLAVI’.

In 1974 the Department established the “Old Students Association” which is actively functional till date. The Association meets annually on 3rd February, (a date made mandatory with all consensus), for personal exchange of thoughts and experiences. Various activities mark the day and make it eventful for the participants. The Departmental newsletter ‘SANJOG’ gets released, awards under various categories are presented, cultural activities like dances, songs, jokes are performed by the participants and the day winds up with dinner. ‘Prof. S.N. Patnaik Memorial Lecture’ is one of the annual activities of the Association, and an eminent scientist of the country is invited to deliver the ‘Lecture’.

After completing half a century of its meaningful existence, the Department has seen success with a large number of its students making it proud by being achievers and bringing glory to their alma mater. Many of them have excelled in occupying higher positions in the society and brought laurels to the Department. The 2019-2020 session was special for the Department as the ‘Golden Jubilee’ year was celebrated with an aspiration that the Department will further flourish and attain newer heights in the coming years with the further pursuit of knowledge to gain wisdom and the students make unique and spectacular contribution to the society.

Faculty

Prof. Anathbandhu Das (Retired from service on 31st March’ 2019)

Dr. Chinmay Pradhan, Head of the Department

Dr. Bhabatarini Panda

Dr, Bandana Kullu

Dr. Saroj Kumar Sahu

Programmes Offered and Student Strength Sanctioned

M.Sc in Botany [**32** seats]

M.Sc in Applied Microbiology [**20** seats (**SFC**)]

M.Sc in Environmental Science [**20** seats (**SFC**)]

M.Phil in Botany [upto 10 seats]

Ph.D in Botany [upto 10 seats]

Ph.D in Microbiology [upto 05 seats]

Ph.D in Environmental Science [upto 05 seats]

Thrust Areas of Research

- Attenuation of abiotic stress management by using biotechnological interventions both in plants and microbes
- Exploration of bio-resources and bio-prospecting of mangroves from Odisha coast and its application for improvement of crop yield

Ongoing Projects / Research

| Sl No | Topic of Project | Funding Agency & Grant No | Duration | Status |
|-------|---|---------------------------|-----------|-----------|
| 1 | Evaluation of bio degradability of bio-composite using PLA and natural fibers | S&T, Govt. of Odisha | 2017-2020 | Ongoing |
| 2. | Genome characterization of Banana / Plantain genetic resources of north eastern region and their utilization in multicentre planning for commercial improvement | DBT, Govt. of India | 2018-2021 | Ongoing |
| 3. | Consortium for managing Indian banana genetic resources - [23541] (Multi Institutional Project, with NRC Banana, Trichi, | DBT, Govt. of India | 2018-2021 | Ongoing |
| 4. | DAE/BARC outreach programme (Banana tissue culture) | DAE/BARC Govt. of India | 2016-2018 | Completed |
| 3. | Microalgae from Mangrove Ecosystems of Odisha: Bio-prospecting for Bio-plastics and Bio-fuel production | S&T, Govt. of Odisha | 2017-2020 | Ongoing |
| 4. | Eco-physiology study of algal-bacterial interaction in mangrove ecosystems of Odisha | UGC-BSR START-UP GRANT | 2016-2018 | Completed |
| 5. | Characterization and | Seed Grant- Utkal | 2017- | Ongoing |

| | | | | |
|-----|--|--|-----------|-----------|
| | biodegradation of polyhydroxylalkanoates (PHA) from <i>Synechocystis</i> sp. PCC 6803 | University | 2019 | |
| 6. | Prevalence antibiotic resistant Coli form bacteria in drinking water samples from slum areas of Bhubaneswar | Seed Grant- Utkal University | 2016-2018 | Completed |
| 7. | Axenic culture of <i>Claroideoglomus claroideum</i> and its application on micro-propagated plants | S&T, Govt. of Odisha | 2018-2021 | Ongoing |
| 9. | Startup-Grant for UGC-Faculty Recharge Programme | UGC, Govt. of India | 2017-19 | Completed |
| 10. | Operational, analysis & maintenance of MAPAN-AQMS station at Utkal University | Ministry of Earth Sciences, Govt. of India | 2016 | Ongoing |
| 11. | Quantifying Impacts of South Asian Aerosols on Regional and Arctic Climate (QUISARC), Indo-Norwegian project | Ministry of Earth Sciences, Govt. of India | 2017-2021 | Ongoing |

Achievements

a. Seminars/Symposia/Conferences/Lectures etc

- ‘Prof. S.N. Patnaik Memorial Lecture’ was delivered by Prof. Sudhir Sopory. Prof Sopory delivered his lecture on ‘Developing strategies towards improving plant tolerance under abiotic stress’ on 18th March, 2019 at the Department of Botany

b. NET/JRF

- About 10 students qualified NET/JRF during the year 2019

d. Field Tours / visits if any

- The students visited and collected specimens from CFTRI Mysore, TNU, University of Bangalore, ISBDS, Manipur University, Skkim etc. during 2018 and 2019.

d. Consolidated list of Publication by faculties for the year 2019

1. Sahu, S.K., Tyagi,B., Pradhan, C. and Beig,G (2019) Evaluating the variability, transport and periodicity of particulate matter over smart city Bhubaneswar, a tropical coastal station of eastern India. SN Applied Sciences. 1:383
2. Patra, D.K., Pradhan, C. and Patra,H.K (2019) Chelate based Phytoremediation study for attenuation of Chromium toxicity stress using Lemongrass: *Cymbopogon flexuosus* (Nees ex Steud.) W. Watson. International Journal of Phytoremediation. 20(13): 1324-1329.
3. Dhal, P., Rout, J.R., Dash, P.K., Panda, S., Pati P, Rath, C.C., Pradhan, C., Sahoo, S.L.(2018) Larvicidal and Pupicidal activity of *Clerodendrum philippinum* Schauer Leaf Extracts against *Anopheles stephensi* and *Aedes aegypti*. Pharmacog Journal 10(6):1137- 42.
4. Hota,T., Pradhan, C., and Rout, G.R (2019) Identification of drought tolerant genotypes using enzymatic markers: Indian Journal of Experimental Biology 5: 690-699.
5. Dalai, D., Sardar, S.S and Pradhan,C. (2019) NaCl Induced Oxidative Stress on Two Different Cultivars of Sunflower (*Helianthus annuus* L.) International Journal of Current Microbiology and Applied Sciences ISSN: 2319-7706: 8(8): 2607-2619
6. Samal,A. , Acharya, S. and Pradhan, C. (2019) Biological and toxicological effects of cadmium on *Phaseolus vulgaris* L. International Journal of Science and Research (IJSR). ISSN: (Online): 2319-7064. 8(1): 301-306.
7. S. K Sahu, B Tyagi, C Pradhan, G Beig, Evaluating the variability, transport and periodicity of particulate matter over smart city Bhubaneswar, a tropical coastal station of eastern India, SN Applied Sciences,1-383, 2019.
8. V. Singh, S. K. Sahu, A. Kesarkar, A. Biswal, Estimation of high resolution emissions from road transport in a megacity Delhi, Urban Climate, 2019.
9. Ying Chen, Oliver Wild, Edmund Ryan, Saroj Kumar Sahu, Douglas Lowe, Scott Archer-Nicholls, Yu Wang, Gordon McFiggans, Tabish Ansari¹, Vikas Singh, Ranjeet S. Sokhi, Alex Archibald, Gufran Beig, Mitigation of PM_{2.5} and Ozone Pollution in Delhi: A Sensitivity Study during the Pre-monsoon period, Atmos. Chem. Phy. Discussion (ACPD), <https://doi.org/10.5194/acp-2019-618>, 2019
10. G. Beig, S. Reka, N Parkhi, G. R. Carmichael, S. Singh, S. K. Sahu, S Maji, A Radhod, Anatomy of the Winter 2017 Air Quality Emergency in Delhi, 681, 305-311, Science of the Total Environment, 2019.
11. Hansda & Kullu (2019). Effects of Cadmium Induced Stress on Growth, Biochemical Parameters and Arbuscular Mycorrhizal Root Association of *Vigna radiata* (L.) R. Wilczek. In: Bioprospecting in Life Sciences (R.K. Behera & E. Kariali Eds), Narosa Publishing House, ISBN: 978-81-8487-651-2. Chapter-4 (pp.1-12)

12. Das AB, Dehery SK, Kiran, Jena SN, Sinha RK 2019. A new diploid Indian accession of *Musa laterita* of Section *Rhodochlamys* reported from Gangtok, Sikkim with morphology, chromosome count and 2C DNA content. *Cytologia* 85(1): 1–7.
13. Dash K, Mishra P, Panda B. 2019. Cyanobacterial diversity of Bhitarkanika mangrove forests, Odisha. *Plant Science Research* 41: 34-40.
14. Patel P, Dehery S, Pradhan C, Das AB. 2019. Ecotype diversity of numerical and structural chromosomes of *Drimia indica* (Roxb.) Jessop (Hyacinthaceae) as revealed from karyotype analysis. *Plant Science Research* 41: 1-7.
15. Rath A, Das AB. 2019. Effect of hexavalent chromium induced stress on hydroponically grown black gram [*Vigna mungo* var. B3-88 (L.) Hypper] as evident by physiochemical and antioxidant enzymes responses. In: *Proceedings of the International Conference on Plant Developmental Biology* Edt. By M. Panigrahy and K.C.S. Panigrahi, Cambridge Scholars Publishing, Newcastle upon Tyne, UK, ISBN (13): 978-1-52751809-4, pp 131-154.
16. Saha PR, Nath B, Singha HR, Das AB, Jena S, Sinha S, Sinha RK. 2019. Micropropagation of *Musa* sp. cultivar Gopi and assessment of clonal fidelity using ISSR marker. *Plant Tissue Culture and Biotechnology* (Accepted).

Department Facilities

1. Department maintains a Botanical garden since inception, a treasure of plant wealth, conservatory of rare, endangered species, trees and shrubs which are witness of glorious era of the Botany Department, catering to the needs of young botanists of today, maintains a Herbarium for the state of Odisha
2. State of art Laboratories
3. Facilities on Cell Biology, Molecular Biology, Algal Biotechnology, Microbiology, Biochemistry, Environmental Biology and AQMS facilities.
4. Well-stocked Library with around three thousand books, journals, reports and e-documents
5. Students have full access to Computer labs with one central facility along with ten computers are made available by the Department for students.

Road Map

- Department with a global outlook to have international orientation to its programmes and services
- Adopt a holistic approach to higher education and take into account opportunities for peer-group learning, self-learning, work experience, individual initiatives and group work by harnessing the latent talents of students.

- Strive to match up to global benchmarks of educational facilities, physical infrastructure and research environment.
- Take appropriate measures for promoting innovations in teaching-learning process and inter-disciplinary studies and research.
- Build a constituency of educated and train manpower for the development.
- Establish linkages with industries for promotion of science and technology

Department of Business Administration

The Post Graduate Department of Business Administration was established in the year 1984. Considering the long-felt needs of the students of Odisha, the University has started MBA Programme in the Year 1984 with an objective of grooming the students for managerial positions in industries, business and public systems, with intake capacity of 30 students.

It initially functioned in the Department of Commerce and later had its own separate building in the University Campus in the year 1991. The department continuously strives to provide quality Management education at affordable cost and to position itself as a premier B-School in the country.

Facilities available

The Department is equipped with seminar halls, a mini conference hall, and two computer labs for the students. It also has a well stocked library with all reference books to ensure an enriched academic experience for the students.

Programmes Offered

Executive MBA programme for business executives

5-Year Integrated MBA Programme

2-Year MBA (Agribusiness) Programme

Ph.D and D.Litt

Faculty

Professors

1. Dr Bidhu Bhusan Mishra

Associate Professors

1. Dr. Muna Kalyani
2. Dr. Sathya Swaroop Debasish

Assistant Professors

1. Dr Rashmita Sahoo
2. Dr Pallabi Mishra

Readers

1. Dr Dasarathi Sahu



Faculty Members of the Dept

Thrust Areas of Research

- ✓ Enterprise Resource Planning & Supply Chain Management
- ✓ HR Branding
- ✓ Stock Market Dynamics & Behavioural Finance

- ✓ Advertising & Media Studies
- ✓ Entrepreneurship & Innovative Technology
- ✓ Farm Management & Agricultural Produce Marketing

Seminars/Workshops Organised

The Department organised a workshop titled “INDIAPRENEUR 2030, LEADING THROUGH INNOVATION” with the aim of helping young business administration students at getting a real feel of the life outside the campus and get life-changing advice from the people who are successfully running enterprises of their own. It was organised on 28th March 2018. Eminent speakers like Ms Jayashree Mohanty, President, Luminous Infoways, Mr Debasish Mahapatro, Director & CEO, Verve Consulting, Mr Jaynarayan Pujapanda, Founder, Paris Bakery, Mr S. Siddhartha, Founder, Max Solutions, Mr Nilambar Rath, Founder & CEO, OdishaLIVE, Mr Santosh Kumar Tripathy, CEO, Corus Technosoft and Mr K C Mishra, Founder & Director, eKutir were part of the workshop.

Other Seminars/Workshops/Field Tours attended by Students

Students had undergone one month Entrepreneurship Training (Feb-March 2018) in EDII. The department also had organised a two weeks FDP on Entrepreneurship (10th-23rd December 2018) in collaboration with EDII, Ahmadabad. Regular field visits and industry exposure visits are organized by the department as well.

A three days “Street food festival” was organized by Centre for Agri-Management (26th-28th January 2018) in the University campus. Students of the department got a chance to showcase their culinary skills reminiscing different culture and traditions in this tasteful event.

Published Papers by Faculty Members

1. Dr. S S Debasish: ‘A case study on financial and non-financial decision making role of Paudi Bhuyan & Juanga Janajati Women in Keonjhar district of Odisha’, The Orissa Journal of Commerce, (ISSN :0974-8482), Volume XXXIX, October 2018, pg.71-78.
2. Dr. S S Debasish: ‘A Study of investors’ emotion and Behavior Finance in India’, Vidyawarta- Interdisciplinary Multilingual Referred Journal { ISSN: 2319-9318} , Vol. 14, Issue-21, Jan- March 2018, pg. 44-49.
3. Dr. Dasarathi Sahu: “CSR & Brand Image: the causal link detected through regression analysis” – B. Mallick, Dasarathi Sahu & S. R. Dash, ESPACIOS, Vol.39 (#07) February 2018, ISSN-07981015
4. Dr. Dasarathi Sahu: Exploratory Study on Public Utility Services to Citizens, Through CSC, Is an Effective E-Governance Tool, With Special Reference to Rayagada District of Odisha” – A. K. Sahoo, Dasarathi Sahu & Anita Patra , International Journal of

Interdisciplinary Research and Innovations ISSN 2348-1218(print),ISSN 2348-1226 (online), July-September,2018

5. Dr. Pallabi Mishra: “New media culture and change: Access and use of internet in suburban areas of Odisha”, Pacific Business Review International. 11 (1), 28-40, 2018. ISSN: 0974-438X. SJIF.6.56
6. Dr. Pallabi Mishra: “Investing in mutual funds: Does profession matter?”,IOSR Journal of Business and Management 20 (2), 38-44, 2018. ISSN: 2319-7668. Impact Factor: 3.52. UGC: 4481.
7. Dr. Pallabi Mishra: “Holidaying preferences: A case of hill station packages”, Commonwealth journal of commerce and management research. 5(1), 44-56, 2018. ISSN: 2393-851X. Impact Factor: 4.382. UGC: 646142. ISI indexed
8. Dr. Pallabi Mishra:”The gender dissimilitude influence on customer based brand equity (CBBE)”, Pacific Business Review International. 10 (9), 114-125, 2018. ISSN: 0974-438X. SJIF.6.56

Road Map

The Department has planned an Industry-Academia Meet at the University level. It has also proposed an International Conference on ‘Strategic Management- Think Global, Act Local’. The Department strives to be a Centre of Excellence in Management education which is why it is planning to conduct faculty development programmes on entrepreneurship in the future.

Department of Chemistry

A brief profile of the Department of Chemistry

Established in 1967, the Department of Chemistry over the last more than five decades, has been imparting teaching and training in emerging fields of Chemistry and Chemical sciences through regular M.Sc., M.Phil and Ph.D. programmes. Since its inception the Department has successfully produced a large number of quality human resources in Chemical Sciences who have outshined expectations and brought glory to the University by occupying important academic/research and industrial positions in India and abroad. Competitive and latest market oriented syllabi at all levels help the Department to attract brighter students. More than 60% of the students that pass out from the Department qualify NET/GATE and receive fellowships

from other Institutes to pursue further research.

Apart from sponsored projects from various funding agencies, the Department of Chemistry has been well recognized at



Fresher's welcome programme

national level and has received funds through UGC-SAP (DRS-I/II, ASSIST, DSA-I/II) and DST (FIST and PURSE) programmes. So far more than 200 Ph.D.s have been awarded and more than 1200 quality research papers have been published in peer reviewed national/international journals with good impact factors, citations and cumulative h-index.

Most of the former and existing faculty members have been recognised both at national and international levels for excellence in research and availed research fellowships like Humboldt, DAAD, Fulbright, Commonwealth, BOYSCAST, JSPS, INSA for higher research and training. Currently with ten well qualified faculty members, the department is actively pursuing research in several frontier areas of chemical sciences besides being a part of Centre of Excellence in 'Advanced materials & Applications' under RUSA 2.0.

Department has a registered Alumni Association which undertakes various academic/developmental activities besides Annual Alumni Meet every year.

The Department celebrated Silver Jubilee (1992) and Golden Jubilee (2017) and organized international conferences on “Molecules to Materials” and “Recent Advances in Materials Chemistry”, to mark both the occasion.

The Department has initiated various collaborative actions with over 20 national and international Institutes & Universities for research in areas of mutual interest with the aim to award Ph.D. degrees and contribute to Publications.

Faculty

Professors: Prof. P.K. Sahoo, Prof. N. Das, HOD and Prof. J. Behera

Associate Professor: Dr. S. K. Badamali

Readers: Dr. J. Dinda, Dr. B.N. Patra and Dr. S. N. Pal

Assistant Professors: Dr. B. Jena, Dr. A. K. Behera and Dr. H. K. Kisan

Programmes Offered and Student Strength Sanctioned

M.Sc in Chemistry

M.Phil in Chemistry

Ph.D in Chemistry

Thrust Areas of Research

- Superabsorbent/hydrogel copolymers and polymer nanocomposites
- Nano-biocomposite and polymer synthesis
- Polymeric/nano-adsorbents for environmental applications
- Photo- and electro- catalytic nanomaterials
- Mesoporous solid based heterogeneous catalysis
- Semiconducting metal oxide for photo and electro catalysis
- Metal complex-drug interaction and kinetics
- Organometallic Chemistry
- Theoretical Organic Chemistry
- Bioactive Organometallic compounds

Ongoing Projects / Research

| Project Title | Funding agency | Principal Investigator | Period |
|---------------|----------------|------------------------------|---------|
| DST – FIST | DST, GOI | Prof. N. Das, Coordinator | 2017-22 |

| | | | |
|--|-------------|--------------------|---------|
| Studies of Organometallic Iridium (III) Materials | CSIR | Dr. S. N. Pal | 2016-19 |
| Removal of anionic dyes based adsorbents | Utkal Univ. | Dr. B. N. Patra | 2017-19 |
| Ecofriendly, biodegradable natural fibre ... replacing plastic | Utkal Univ. | Dr. A. K. Behera | 2017-19 |
| Light-Emitting d^8 and d^{10} Carbene (NHC) Complexes' | DST, GOI | Dr. J. Dinda | 2017-20 |
| Decontamination of Lignin Containing Photocatalysts | DST (O) | Dr. S. K. Badamali | 2018-21 |
| Synthesis of Luminescent Materials.....Pt(II) Complexes | DST (O) | Dr. S. N. Pal | 2018-21 |

Achievements

a. Seminars/Symposia/Conferences/Lectures etc

- The Department of Chemistry has organised about 17 Seminars, Symposia and attended Conferences (National/International)
- A National Seminar was organised by the Department (AMCA 2019)
- About 7 invited guests have delivered talks
- The Department has awarded 5 PhDs
- Two research students from the Department have received the Best Poster Award Prof. N. Das bagged the Prof. Bhupendra Sahai Saxena Award for Best P.G. Chemistry Teacher for 2018 by Association of Chemistry Teachers (India).
- Dr. H. K. Kisan, was awarded IIT Bombay Institute Excellence in Ph.D. Research

b. NET/JRF

- About 18 students qualified NET/LS/ JRF during the year 2018, 14 students qualified GATE and 04 received other fellowships and 17 students received government scholarship

e. Field Tours / visits if any

- The Department organised one field trip 2018

d. Consolidated list of Publication by faculties for the year 2019

About 22 articles were published by the department in various quality research papers have been published in peer reviewed national/international journals with good impact factors, citations and cumulative h-index.

Department Facilities

The Department of Chemistry has three well- furnished class rooms long with one computer lab for students. The Department also has three well equipped practical laboratories with sophisticated equipment along with 10 research laboratories with facilities to carry out practical sessions for its students. Besides, the Department provides facilities like the use of two instrument rooms, Seminar Hall and Common room for Girls. The Department provides students' access to a well-stocked Library with about thousands of books, journals, reports and e-documents. For the administrative staff the Department of Chemistry provide HoD and faculty rooms, fully functional office and other facilities.

Road Map

- Up gradation of student laboratories, seminar library, computer lab etc.
- Increase of external cash flow through funded projects for strengthening existing research base and also for sustainability of the CoE in Advanced Materials & Applications.
- Apply for UGC-DSA (Level – III).
- Formal collaborations (MoUs) with research institutes in India and abroad.
- Increase the number of research publications and patent.

Department of Commerce

A brief profile of the Department

The Post Graduate Department of Commerce, a jewel on the crown of the Utkal University, started functioning from the year 1962 under the dynamic leadership of Prof. Suryakanta Das, the first Indian to get DBA from Washington University. The department is proud of its teachers and students, who have been playing a pioneering role in the promotion of Commerce and Management education in the State of Odisha. Besides functioning as a teaching, training and research centre, the department offers full time M. Phil and Ph. D. programme to both scholars and teachers and also takes initiatives in training the teachers of affiliated colleges through various workshops and Refresher Courses. The department took effort to start MBA Programme in the year 1984 and Master of Finance Control (MFC) in 1996, which is now known as MBA (Financial Management).

The Department conducts Prof. Surya Kant Das Memorial lecture on 24th November every year. Dr. Suryakanta Das, MBA, DBA (Washington) was the first Professor of Commerce of Utkal University.

Programmes Offered

M.com-56

M.Phil-10

Phd-10

MBA (Financial Management) – 40

Faculty

Professors: Dr. Prabodh Kumar Hota (HOD)

Dr. Pradyot Keshari Pradhan,

Dr. Maheswar Sahoo

Dr. Anil Kumar Swain

Assistant Professors: Dr. Rabindra Kumar Swain (Stage-II)

Thrust Areas of Research

- Entrepreneurial Innovation in MSME Sector for Sustainable Tribal Area Development in Odisha

Achievements

Seminars

- International Seminar on “Institutional Excellence for Economic Growth” held during 28th& 29th January 2018.
- International Seminar on “Innovation and Entrepreneurship for Sustainable Development” & Winter School Program held during 8th& 9th March 2018.
- International Seminar on “Skilling India a need for Redefining Commerce Education in India” held during 28th& 29th June 2018.
- State Level Seminar on “Contemporary Issues and Challenges in Accounting” held on 1st April 2018 in collaboration with Indian Accounting Association, Bhubaneswar branch



Independence day Celebration in the Dept.

Awards

- Best Research Paper Award from Odisha Commerce Association in All Odisha Commerce Conference held at Ravenshaw University on 4th and 5th February, 2018 for the Paper titled “Determinants of Market Capitalisation and Its Impact”.(Dr. R. K. Swain)

Papers Published by Faculties

1. Earnings Management and IFRS Adoption: A Study on Selected UK and Indian Pharmaceuticals Companies in International Journal of Research in Management, Economics and Commerce, Volume 08, Issue 1, January 2018, page 40-42 [ISSN 2250-057X]
2. Earnings Management Practices before and after Companies Act, 2013 in International Journal of Research in Management, Economics and Commerce, Volume 08, Issue 1, January 2018, page 65-67 [ISSN 2250-057X]
3. Economic Consequences of Demonetization: A Comparative Analysis in Orissa Journal of Commerce, Vol- XXXVIII, Issue 3, January 2018 [ISSN: 0974-8482]
4. Corporate Sustainability Reporting Practices of Selected Indian Companies in Scholarly Research Journal for Interdisciplinary Studies, Volume 5, Issue 44, Mar-April 2018 [ISSN 2278-8808]

5. Management of Declining Soymeal Trade from India: An Anthropocene Protein in the International Journal of Advanced Research (IJAR), Volume. 6, Issue -5, May 2018, PP: 48-65 [ISSN NO. 2320-5407]
6. Non-Performing Assets and its Impact on Financial Performance: A Study on Banking Sector in India in Indian Journal of Commerce Volume 71, Issue03, Oct- Dec 2018 [ISSN 2454-6801]
7. The Foreign Currency Futures Market in India- Some Reflections on its Growth and performance in Journal of Management, Volume 5, Issue6, November-December 2018 [ISSN 2347-3940]
8. Investment Strategies for MSMEs in Market Basket Analysis, Search Engine Optimization, Social Media Marketing, Page Ranking Algorithms and Pay Per Clicks for Digital Infrastructure Upgrade” in Utkal Business Review [ISSN 0975- 6191]

Road Map

- The Department aspires to be a Centre of excellence in Business Education and Research
- To make contribution to the civil society through productive research and dissemination of knowledge
- To develop commerce education through research, entrepreneurship and enabling education system to create self-reliant and market enabled students

Department of Computer Science

A brief profile of the Department of Computer Science

The Department of Computer Science was established in the year 1990, with an objective of imparting quality education in the field of Computer Science. With rapidly evolving technology and the continuous need for innovation the department has always produced talented professionals who are glorifying the University's name by holding important positions in Information Technology industry in India and abroad. The Department started the three year Master of Computer Applications (MCA) programme in the year 1990. The 5 years Integrated MCA (IMCA) and two year M. Sc. (Computer Science) was introduced a self-finance mode in the year 1999, and 2001 respectively. The Master in Computer Engineering course was introduced in the year 2005 with full assistance from Ministry of IT (MIT), Government of India. Besides these the Department has strong research interests in diverse branches of Computer Science and offers a Doctor of Philosophy (Ph.D.) programme aimed at producing adept researchers.

Facilities available

The Department is well equipped with five computer labs for the students. Out of the five two are exclusively for the MCA/M.Tech(CSE)/PhD students, two are used by IMCA students and one is dedicated for M.Sc(CS) students.



Department Building

Similarly the Department understands that libraries are an important source of knowledge. That's why it has three well stocked libraries for the students.

Programmes Offered

MCA – 40

M.Tech (CSE) - 30

IMCA - 60

M.Sc (CS) - 40

Ph. D

Faculty

Professors

1. Dr. Sateesh K. Pradhan

Associate Professors/Readers

1. Dr. Prafulla K. Behera
2. Dr. Mrutyunjay Panda
3. Dr. B. N. B. Ray

Assistant Professors

1. Shri. HaraprasadNaik
2. Shri. BiswojitNayak

Thrust Areas of Research

- ✓ Data Mining & Cloud Computing
- ✓ Mobile Ad Hoc Networks, Wireless Sensor Network, Network and Information Security
- ✓ Software Engineering, Soft Computing, Image processing
- ✓ Big data analytics, Natural Language Processing, IoT, Social Networking
- ✓ Approximation Theory, VLSI Algorithms, Patterns recognition,
- ✓ Intrusion Detection System, Machine Learning.

Seminars/Workshops Organised

The Department had conducted a three week long Refresher Course on IT which was funded by UGC. It also organised a one day workshop on “Data Science”.

Field Tours

The department routinely organises field tours for the students to help them have industry exposure and enrich their academic experience. In 2018 MCA students were taken to Infosys, Bangalore for an exposure visit. M. Tech students took a field study to VITM, Bangalore and M. Sc students were taken to the Parliament House, New Delhi for a visit.

Ongoing Research/Project

The Department is currently working on a project titled “Community Based Monitoring System (CBMS): A Tool to fight Poverty”. This project is funded by University Seed Grant with a fund of Rs One Lakh.

Published Papers by Faculty Members

1. Mrutyunjaya Panda, Developing an Efficient Text Pre-Processing Method with Sparse Generative Naive Bayes for Text Mining, I.J. Modern Education and Computer Science, 2018, 9, 11-19, MECS Press, Hong Kong. DOI: 10.5815/ijmecs.2018.09.02 [Google scholar indexed]
2. Mrutyunjaya Panda, Combining multi-objective evolutionary algorithm with averaged one-dependence estimators for big data analytics, International Journal of Computational Intelligence Studies, 7(1), 1-18, 2018.Inderscience, UK. DBLP indexed

3. Elephant search optimization combined with deep neural network for microarray data analysis, Journal of King Saud University - Computer and Information Sciences, Elsevier, Netherland. <https://doi.org/10.1016/j.jksuci.2017.12.002>. Available online December 2017. Web of science ESCI indexed.
4. Bat Algorithm for Multilevel Colour Image Segmentation Using Entropy-Based Thresholding, Arabian Journal for Science and Engineering, (2018). <https://doi.org/10.1007/s13369-017-3017-x>. Springer, Germany. SCIE Indexed TR Impact Factor-1.092
5. Combining multi-objective evolutionary algorithm with averaged one-dependence estimators for big data analytics, Int. J. of Computational Intelligence Studies, 2018 Vol.7, No.1, pp.1 – 18, Inderscience, UK. DBLP indexed.

Road Map

The Department aspires to become the best in the state and has proposed a few steps for the same. They are,

- Setting up a high performance Computing Lab
- Institutionalization of M.Sc (Comp Sc) and M.Tech Computer courses from SFC mode into regular courses mode
- Opening a New course on “ M.Tech in Data Science”/ M.Sc in Data Science
- Setting up a smart class room/Lab for providing Massive Online Course (MOOC) and virtual tutorial in Computer Science to UG and PG students

Department of English

A brief profile of the Department

Established in 1969, the Department of English, Utkal University has played a crucial role in giving new direction to English studies in Odisha. Prof. Prabhat Nalini Das gave academic leadership to the department since its inception in 1969 and served the cause of literary studies at the professional level for close to 19 years. From the British and American canon to Indian and World Literature, Translation, Linguistics and ELT, the department has kept its thrust areas open in teaching and research. Keeping in mind the growing demand for fairly underexplored fields and an increasingly interdisciplinary approach to literary research, the department has recently introduced new papers like Children's Literature, Film Appreciation and Literature from the Margins into the MA syllabus. The aim is to familiarise students with the basic texts and critical concepts in the above areas and to open multiple avenues of potential research for them. The department has organized a number of international and national seminars and invited reputed scholars from India and abroad to deliver lectures. The members of faculty of the department have brought visibility at national and international levels through their publications and participation in academic events in different academic and professional bodies. The alumni of the department have distinguished themselves in various spheres of excellence in India and abroad. Apart from seminars, conferences and literary festivals, the department arranges interactive lectures delivered by visiting scholars and researchers in order to maintain an active intellectual atmosphere for students throughout the academic year.

Facilities available

The English Department has a well stocked Seminar Library which has over 1000 books. It has a conference hall with audio visual facilities to help facilitate special lectures and expert talks. There is an Interactive projector which is used for conducting seminars and classes to ensure an enriching academic experience.

Programmes Offered

Masters of Arts in English Literature [40 seats]

M.Phil in English Literature [as per the availability of Supervisors maximum upto 10]

PhD [as per vacancy]

Faculty

Professors

1. Dr. H.S. Mohapatra (Superannuated on 30 April 2018)
2. Dr. Asima Ranjan Parhi (H.O.D)

Assistant Professors

1. Pulastya Jani
2. Dr. S Deepika

Thrust Areas of Research

- ✓ Indian Literature in English Translation
- ✓ Translation and Cultural Studies

Seminars/Workshops Organised

The Department regularly organises special lectures keeping in mind the needs of the students by eminent teachers and scholars. This year, a few distinguished names were Prof. Bikram K Das, Prof. P.C. Kar, and Prof. B.N. Pattnaik in this regard. The department played a crucial role in the Platinum Jubilee Literary Festival “Sugandha Abhibyaktira” by coordinating two important sessions on Poetry and Translation (19-20 November 2018). Prof A R Parhi conducted a session with Prof J K Nayak and Prof B K Das while Dr S P Das moderated a session with Dr Gopa R Mishra, Dr Bibhu Padhi and Mrs Padmaja Saran.

One National and one International Conference were organised by the department. They were:

1. International Conference on “Politics and Letters: The function of Criticism at the Present Time”, 23-25 January 2018.
2. “The Empty Page”: A One-day National Symposium in Honour of Prof. H. S. Mohapatra on his superannuation, 6 April 2018.

Ongoing Projects/Research

Project titled “History of English Studies in Odisha”

PI- Dr. S Deepika, Co PI- Mr. Pulastya Jani

Funding Agency- Utkal University Seed Research Grant

Funding Amount- Rs 75000/-

Published Papers by Faculty Members

A book entitled ‘*The Unbilled Hour: Essays on Literature, Culture and Theory*’ was released during the one day symposium, edited by Bijay K. Danta, S. Deepika and Tyagraj Thakur. It is published by Kitab Bhavan, Bhubaneswar, April, 2018

Road Map

The Department is going to celebrate its Golden Jubilee in the year 2019. A series of lectures and other academic and extra-curricular events are planned to be held as a part of this special occasion. The Department also has plans of reviving the Journal of Literary Studies.

Department of Geography

A brief profile of the Department

One of the oldest in the university, the department of Geography was established on 12 September 1970. The department has gone through stark transformation over the years. What started with just eight students, four faculties and seven support staff has now turned into a vibrant section with 64 students and researchers and eight faculties. The department is proud to have its faculties who have been able to take the department to the international arena with their academic contributions through Fulbright Fellowship, Commonwealth Fellowship, Indo-Polish Fellowship, AIT Fellowship, DAAD Fellowship, British Council Fellowship, and Humboldt Fellowship.

The department has formed an academic body in the name of “Eastern Geographical Society” in the year 1971 under the Society Registration Act. This society has been playing an important role in spreading geographical knowledge in the state and country through annual meetings, conferences and publishing research articles in its Research Bulletins in the past. It’s Research Bulletin has now evolved to a national level Geographical Journal named “Eastern Geographer”.



Students in the Department Library

Facilities available

The department is well equipped with all modern and advance age facilities. It has a cartography laboratory, RS and GIS laboratories with ARC GIS and ERDAS Imagine software. GPS, Mirror Stereoscope, Pocket Stereoscopes, Rotameters and Planimeters, OHP, LCD and projectors are available to ensure better classroom teaching. The department has various scales of physical models, maps, topographical sheets, atlases, satellite imageries and aerial photographs. The department has a reference library with books, journals and research reports.

Programmes Offered

M.A/M.Sc in Geography [24 seats]

M.Phil in Geography [10 seats]

Ph.D [10 candidates]

PGD RS & GIS (P.G. Diploma in Remote Sensing and GIS) [20 seats]

Faculty

Professor: Prof. Kabir Mohan Sethy

Associate Professors: Dr. Krishna Chandra Rath

Dr. Damodar Panda

Assistant Professor: Dr. Ashis Chandra Pathy

Seminars/Workshops Organised

The department organised a two day (23-24 March 2018) workshop on Regional Environment & Climate in Odisha “Lightning, Thunderstorm and Heat Wave” at ITER, Bhubaneswar.

Thrust Areas of Research

- ✓ Climate change and Community Resilience
- ✓ Geoinformatics & Disaster Management
- ✓ Urban & Regional Planning

Ongoing Projects / Research

The department has currently three major research projects in progress.

“Climate change, flood and

water logging impact on rural livelihood in Mahanadi Delta” is a project which is funded by ICSSR. ICSSR has also funded another project titled **“Socio economic vulnerability of coastal communities of Odisha to climate change and natural hazards”**. The department is also working on a project funded by UGC emeritus fellow programme which is on “Coastal erosion and shore line change along Odisha coast”.



Cartography Laboratory

List of Publication By Faculties

1. Harichandan A, Patra HS, Panda R, Sethy KM (2018) Water Quality Assessment of Bhubaneswar Temple Pond by using Statistical Method and Water Quality Index. J. Pollu.t Eff. Cont. 6: 231. doi: 10.4172/2375-4397.1000231
2. Sethy. K.M, Meher.M.K, Mohanty.B (2018): The trends of Precipitation in the basins of Mahanadi Delta of Odisha Coastal Plain, India, (Eastern Geographer, Vol. XXIII, No.-1 Jan. – 2018, ISSN: 0973-7642).

3. Barik. K.K, Mishra P.K, Sethi. B.K, Sethy. K.M (2018): Vegetation Cover Change Analysis from Multi- Temperoral Satellite Data in Nabrangpur District, Odisha(Eastern Geographer, Vol. XXIII, No.-1 Jan. – 2018, ISSN: 0973-7642).
4. Sethi. B.K , Sethy. K.M, Barik. K.K (2018): Viability of Mangrove Nursery Raising as a Livelihood Option: A case Study of Rajnagar Block of Kendrapara District and Balikuda Block of Jagatsinghpur District. (Eastern Geographer, Vol. XXIII, No.-1 Jan. – 2018, ISSN: 0973-7642).
5. Panda S.P,Sethy. K.M, Tripathy. S.N (2018): Spatio-Temporal Variation of Population Density in Baitarani Basin in Odisha(Eastern Geographer, Vol. XXIV, No.-1 Jan. – 2018, ISSN: 0973-7642).
6. Tripathy. B, Sethy K.M, Mishra P. (2018): Geospatial Technology Aided Urban Land Bank Identification and Mapping: A case Study of Berhampur Municipal Corporation of Ganjam District, Odisha State, India. (Eastern Geographer, Vol. XXIII, No. 1 Jan. – 2018, ISSN: 0973-7642).
7. Sethy. K.M, Nanda A.P, Pratihary S. (2018): Climate Change and Human Sufferings: An Exploratory Research on Lightening to Build Mitigation Measures for the State of Odisha. (Eastern Geographer, Vol. XXIII, No. 1 Jan. – 2018, ISSN: 0973-7642).
8. Rath K.C (2018).Health Crisis and Care in Urban India, Mittal Publishers, New Delhi, ISBN-81-8324-814-4, Co-author: Mithun Karamkar
9. Rath K.C (2018). Land use Dynamics and Natural Drainage: Issues of Bhubaneswar City in Eastern India, Abhijeet Publications, New Delhi, ISBN 978-93-5074-261-7
10. Majhi, B. and Rath, K.C. (2018) Changing trends of temperature in Bhubaneswar: A city in Eastern India, International Journal of Geology, Earth & Environmental Sciences.Vol-8 No-1 pp 5-14
11. Adhikary, B., Rath, K.C., & Das, N. (2018). Measuring the Disparities in Village Panchayat Performance: A Study in Purba Medinipur District of West Bengal. International Journal of Development Studies, Vol X, Issue I, 36-43, ISSN 0975-5799, UGC NO. 47192.
12. Adhikary, B., & Rath, K.C. (2018). Disparities in rural development: A study in Purba Medinipur district of West Bengal. Eastern Geographer, 24(1), 67-74, ISSN 0973-7642, UGC NO. 41213
13. Panda D. (2018). “Impact of climate change on rice production in Odisha” Hill Geographer. ISSN No-0970-5023.
14. Pathy A.C (2018). Sustainable Green Building design: An analysis on designing techniques. Eastern Geographer, ISSN-0973-7642.
15. Pathy A.C (2018).GIS based agricultural planning of Gajapati District, Odisha . Harmony with nature: Illusions and elusions from Geographers perspective, ISBN :978-81-933142-1-0

16. Pathy A.C (2018). Heat Wave: An Alarming concern for contemporary World – A Case of Odisha. Odisha Review - ISSN-0970-8669 (UGC approved Journal No.49084).

Road Map

The department has always strived to become better in providing a rich academic experience to the students. It is currently working on the following:

- ✓ New areas of study to be introduced
 - Disaster prevention and management.
 - Climate change and sustainable development
- ✓ Ph.D in Geography – Existing Interdisciplinary subject is Remote sensing and GIS
- ✓ Creating a Desk for Ph.D Scholars will be introduced for next academic session. Data library consisting of secondary data including maps and RS and GIS data will be procured from various sources.
- ✓ Special lecture programmes
- ✓ Faculty and Doctoral Student exchange programme.

Department of Geology

A brief profile of the Department

The Department of Geology was founded in 1954 in Ravenshaw College Campus. The Post Graduate course started in 1956, which is considered as the oldest of its kind in Utkal University. The Geology department functioned and spent its splendid days within the campus of the Ravenshaw College, Cuttack from 1954 to 1977 and in 1977 it shifted to Utkal University, Vani Vihar campus. The department of Geology has emerged as the best such teaching department in Odisha and also performs at par with other National level geological institutes. A sixty five years long glorious history of the Department will remain as great source of inspiration for the days to come in future.

The Department functioned as DRS under SAP for 1994-99, 2007-12 and 2013-18. The Department has been covered under PURSE and FIST Schemes of DST from 2011-15 and 2013-18 respectively.

Facilities available

The department has a robust infrastructure comprising five student labs, five Advance Research Labs including AAS Lab, Research Microscopic Lab., Remote Sensing Lab., Micropalaeontology lab and Hydrogeology Laboratory. There is one sophisticated geological museum renovated by M/S Tata Steel in 2014. M/S ESSEL mining has donated one rock garden, which is adding to the beauty of the department and is used as the open sky laboratory for students.

The Departmental Library is well equipped with about 4100 text and reference books and more than 400 books in the student's seminar library. There are computer labs for the use of students.

Programmes Offered

M.Sc.-28

M.Phil-10

PhD -

Faculty

Professors

1. Prof. R.N. Hota
2. Prof. D.S. Pattanaik

Associate Professors

1. Dr. B.K. Rath

2. Dr. D. Beura-Reader

Assistant Professors

1. Dr. K.R. mallick
2. Dr. S.S. Sahoo

Thrust Areas of Research

- ✓ Ore Geology
- ✓ Hydrogeology
- ✓ Environmental Geology
- ✓ Sedimentology
- ✓ Micropaleontology
- ✓ Remote Sensing

Seminars/Workshops Organised

The Department has conducted one National Seminar on the theme “Frontiers in Earth Science Researches’ in Association with World Bank and Alumni association and published a journal “Vistas in Geological Research”. (Details of the seminar sought from Dept.)

Other Seminars/Workshops/Field Tours attended by Students

The fourth Semester students have successfully finished an exhaustive geological field investigation at various mines of Rajasthan. The 2nd semester students have carried out their field work around Dhauligiri, Mamubhanaja, Naraj, Talabasta area. M.Phil students have successfully completed one month training programme on remote sensing and GIS at Geological Survey of India (GSI), Hyderabad.



Students during field work

Published Papers by Faculty Members

1. Beura, D. and Behera, R. (2018) Iron ore localisation and its controlling factors in the eastern limb of Bonai Keonjhar belt, Odisha, India. Int. Res. J. Earth Sci. Vol. 6(6), pp. 9-15. ISSN 2321 – 2527
2. Beura, D. (2018) Micro Textures and Structures in Chromitite Deposit of Sukinda Ultramafic Belt, Odisha, India: Their Genetic Implication. Int. J. Earth Sci. Eng. Vol. 11, No. 03, pp. 241-246. ISSN 0974-5904

3. Beura, D. and Dash, M (2018) Microstructures of Magnetite-Ilmenite-Martite Assemblage in Orthomagmatic Intrusive in the Granulite Terrain of Eastern Ghats Mobile Belt Around Polasara Area, Ganjam District, Odisha. *Vistas In Geological Research*, No-16, pp.49 – 58. ISBN: 81-900907-0-4
4. Nanda, S.K. and Beura, D. (2018) Mineralogical Characterization and Beneficiation of Banded Hematite Jasper of Joda Area in Eastern India. *Vistas In Geological Research*, No-16, pp.01 – 10. ISBN: 81-900907-0-4
5. Beura, D. (2018) Managing the Disaster Titli. *Emerging Science*, Vol-10, No.4, pp.36-39. ISSN: 0976-4100 2018-19
6. Beura, D. (2018) Sixth Mass Extinction and Role of Human. *Emerging Science*, Vol-10, No1, pp.10-12. ISSN: 0976-4100 2018-19
7. Beura, D. (2018) Dust Storms and its Severity in India. *Emerging Science*, Vol-10, No2, pp.42-44. ISSN: 0976-4100 2018-19
8. R. N. Hota (2018) Cross-Association Analysis of Barren Measures Lithologies and Microfacies, Talcher Coalfield, Odisha, *Journal of the Geological Society of India*, v. 92 (No.4), pp.479 -483.
9. M.A. Quasim, Rabindra Nath Hota, A.H.M. Ahmad and M. Albaroot (2018) An approach to provenance and tectonic setting of the proterozoic upper Kaimur Group sandstones, Son Valley: constraints from framework mineralogy and heavy mineral analysis, *Himalayan Geology*, Vol. 39 (2), 2018, pp. 38-52.
10. Y. A. Murkute and R. N. Hota (2018) Cyclicity of lithofacies in Sullavai sequence of Kampa-Tempa area, Prahrita Godavari graben, central India, *Journal of Geoscience Research*, v.3 (No.1), pp. 13-23.
11. Pradhan, J., Sahoo, S., Mohanty, A., Ratha, B.K., (2018) 3d Modelling of Bhubaneswar City & Its Environ: A Remote Sensing Approach, *VISTAS IN GEOLOGICAL RESEARCH* (ISBN: 81-900907-0-4), U.U. Special Publication in Geology (16), February 2018, pp.90-95. 2018-19
12. B K Rath (2018) Fluctuation in soil contamination due to monsoon effect- a case study in the iron ore belt of Bolani, Keonjhar district, Odisha, India, *International Journal of applied Research*, 2018, Vol. 4(1), pp4-8, P-ISSN No:2394-7500, E-ISSN No.2394-5869.
13. B K Rath (2018) Evaluation of water quality of post monsoon groundwater of hial area, Bolangir district, Odisha, India. *Vistas In Geological Research*, Vol.-16(2018), pp.96-104. ISBN: 81-900907-0-4.

Road map for future

The department plans to organise more exposure visits to geological field work and industrial activities to give the students a firsthand experience and enrich their knowledge.

Department of History

A brief profile of the Department

The Post-Graduate Department of History was founded on 1st December 1959 at the then Ravenshaw College, Cuttack. It later shifted to Vani Vihar Campus, Bhubaneswar in July 1962 when the University moved to its present premises from Cuttack. One between the two largest departments, it functions at present as an autonomous Department of Learning and Research. The output of research in the Department, both in the qualitative and quantitative sense, has gotten due recognition by the community of scholars and academics all around. The University hence, has accorded it the status of an autonomous Department since January 1995.

The *Centre for Ambedkar Studies*, sponsored by the UGC under XI plan, was set up at the PG Dept. of History, Utkal University on 2nd May 2007. The Department has been publishing an annual journal titled *Utkal Historical Research Journal* since 1990. It provides scope for publication of different research articles on political institutions, social-cultural, religious and economic history of regional, national and international importance.

Additionally *Prof. M. N. Das Memorial Lecture* has been set up by the PG Dept. of History, Utkal University on the occasion of its Golden Jubilee Celebration with effect from 2009.

Facilities in the Department

The Department is well equipped with a variety of books for the students in its Seminar Library. There is a reading room attached to it for the students to study there without any disturbance. A weekly seminar is organised for the students. The Departments also flaunts a Museum.

Programmes Offered

M.A - 52 seats

M.Phil – 10 seats

Ph.D – 10 seats

Faculty

Professors - Dr. Basanta Kumar Mallik

Dr. Jayanti Dora

Associate Professors - Dr. Somarani Chand

Assistant Professors - Ajit Kumar Sahoo

Ramesh Chandra Mahanta

Thrust Areas of Research

- Socio-Cultural History
- History of Marginality
- Environmental History
- Post-Colonial History

Ongoing Projects / Research

- Cultural Heritage of Odisha
- Tribal History of Odisha
- Protest and Dissent in Indian History
- Intellectual History of Odisha



Study tour to Ratnagiri and Lalitgiri

Achievements

Special Lectures

- Padmashree Prof. Hermann Kulke (Professor Emeritus, Kiel University, Dt. 13.01.2018. Title of Talk- *Understanding Jagannath Cult*
- Prof. Syed Ejaz Hussain (Viswa Bharati, Santi Niketan), Dt. 16.02.2018. Title of Talk- *Environment and Empire: Some Gleanings from Baburnama*
- Prof. Pankaj Jain (University Of North Texas, U.S.A), Dt. 04.07.2018. Title of Talk- *Dharma and Ecology*
- Prof. Kailash Nath (Yale University, U.S.A), Dt. 20.08.2018. Title of Talk- *A Critical and Divorce Interpretation of History as a Discourse*
- Sanjay Rajan & Dilip Sarangi (Asia Pacific), Dt.31.08.2018. Title of the Talk- *Changing way to Discover Research Information*



Prof. Hermann Kulke during a Special Lecture series

Seminars/Conferences

- National Seminar on Social Reform Movements in India, organized International Decency Movement & PG Department of History, Utkal University (2-3 January 2018).
- Organisation of Orissa History Congress- 37 Session, 30th – 31st January, 2018.
- National Seminar on Revisiting Odisha's Past: New Historical Perspectives, 21st April, 2018. (21st April, 2018)

Papers published by Faculties

1. Dr. Jayanti Dora, 'Images on Odishan Temples: A Study on Art and Iconography of the Goddess Mahishamardini Durga', *Journal of Odishan History*, Volume XXX, December, Bhubaneswar, 2018, Pages 63-79, ISSN-2277-5560.
2. 'Revisiting Past: A Study On Worship of Saptamatrikas and Their Sculptural Representation in Temples of Odisha', *Utkal Historical Research Journal*, Bhubaneswar 2018, ISSN: 0976-2132, Pages.55-66.
3. Dr. Somarani Chand, *Gandhiji's Padayatra and Gandhian Constructive Works in Odisha, 1934-39*, Kolkata, Firma KLM Pvt. Ltd, 2018.
4. *Nineteenth Century Orissa Revisited: Perception of Bengali Writers*, Kolkata, Firma KLM Pvt. Ltd, 2018.
5. Ajit Kumar Sahoo, 'Vocalisation of Oriya Women through Education', *Utkal Historical Research Journal*, Vol. XXXI, 2018, pp. 117-32, ISSN 0976-2132.
6. Ramesh Chandra Mahanta, 'Identity, Politics and Reorganisation of Linguistic States in India', *Utkal Historical Research Journal*, Vol. XXXI, 2018, pp. 227-39, ISSN 0976-2132.

Road Map

The Department strives to become the best teaching facility in the country and constantly puts efforts towards reaching that goal. The Department is working towards becoming a Center for Research Excellence. It is also planning for many International and National collaborations to bring a world class academic experience for its students.

Department of Law

A brief profile of the Department

Utkal University, in 1943 introduced legal education as a teaching department of the University. The Post Graduate Department of Law was first established at the Madhu Sudan Law College, Cuttack in the year 1973 and was later shifted to the Utkal University Campus in 1975. Prof (Dr.) Sunil Kanti Ghose was the first Head of the Post Graduate Department of Law. This department is considered as P.G. Teaching Institution in legal studies in the State of Odisha and recognised all through the state.

Since inception, the department has made significant contributions in the field of legal education and research. Currently, the department offers Master of Laws (LL.M) in Business law, Constitutional law, Criminal law and Personal Law. In addition, Master of Laws in Human Rights was introduced during the academic session 2011-12 with special assistance from the UGC. But this course has been suspended due to some unavoidable circumstances from the academic session 2013-14. To bring excellence in legal research and development, this department acts as the centre for research and offers Ph.D. Course work for the prospective legal researchers and scholars.

Programmes Offered

LL.M. - 60

Ph.D. Programme – As per vacancy

Thrust Areas of Research

- Intellectual Property Rights
- Corporate Law
- Women and Law and Human Rights

Faculty

Professors- Prof. Madhu Sudan Dash

Associate Professors/ Reader- Dr. Manoj Kumar Sadual, Reader

Assistant Professors- Dr. Gyanendra Kumar Sahu

Seminars Organised

- National Seminar on “Rights of Elderly persons in India : Legal Issues and Remedies”, 16th & 17th March 2018.

- Training Programme on The Right to Public Services Act, 2012”in collaboration with the Centre for Modernizing Government Initiatives, Government of Odisha has been conducted on 19th November 2018
- State Level Workshop on Moot Court on 4th November 2018
- Observation of World Human Rights Day on 10th Dec’2018



National Seminar on Rights of Elderly persons in India

Field Tours

The students were taken for a Legal Awareness Camp on *Child Labour and Child Trafficking* “on 7th Feb’2018 at Olaba, Deojhar, Narsinghpur.

Papers published by Faculties

1. Dash, M.S. “Protecting Traditional Medicinal Knowledge and Associated Knowledge Holders Through Access and Benefit Sharing Model: An Indian Perspective”, Commonwealth Law Review Journal, Vol. 4, June 2018, ISSN No. 2581 3382, P. 303-320.
2. Mohapatra, C & Dash, M.S. “ Protection of Handicraft & Intellectual Property Rights: A Study of Odisha”, Research Review Journal, Vol. 3, Issue-11, Nov- 2018, ISSN No. 2455-3085, Impact Factor: 5.214

Road Map

The department intends to create an academically sound environment that nurtures, motivates and inspires excellence in research and teaching in Legal Education along with promoting legal awareness among general citizen and have concerns for Human Rights’ protection. The department also intends to open a separate diploma course in Intellectual Property Rights.

Department of Library and Information Science

A brief profile of the Department

The Department of Library and Information Science came into existence in the year 1981 as a result of persistent demand of the students as well as public at large. The Department started B.Lib.I.Sc programme with 32 students with the help of part time volunteer teachers who received no remuneration for their valuable services. M.L.I.Sc. Programme started in 1983 with student strength of 16. With the recommendation of Sixth UGC plan one Professor, one Reader and two Lecturers and subsequently another Reader and one Lecturer were sanctioned.

As a step towards modernization of its curriculum, the Department has introduced Two year Integrated M.L.I.Sc. Programme in 1997 oriented towards IT with a special focus on practical application. In the Year 2010, the Department has introduced its first M.Phil Programme to fulfil the educational needs of the profession. Course work for Ph.D Scholars has already been introduced as per the requirement of the UGC. So far the Department has the credit of awarding 49 Ph.D degrees including one D. Litt Degree. The Department has also to its credit conducted number of seminars, workshops and UGC refresher courses. The department has produced many eminent alumni who are working throughout India on various capacities as University Teaching faculty, Information Scientist in different Institutions.

Programmes Offered:

Masters in Library and Information Science [24 seats]

M.Phil in Library and Information Science

PhD – [As per vacancy]

Faculty

Professors: Prof. Puspanjali Jena (CAS)

Associate Professors: vacant

Assistant Professors: vacant

Thrust Areas of Research

- Community Analysis
- Academic Library system
- Bibliometric Study

Ongoing Projects / Research

- Bibliometric analysis of journals indexed in directory of open access journals (DOAJ) from 2010-2015 with reference to law discipline: Archana Sahoo
- Scholarly Impact of Scopus Indexed Open Accessed Journals in the Field of Library and Information Science: A Bibliometric Analysis: Nilaranjan Barik
- Research Productivity of Indian Institute of Technology IIT Bombay during 2006-2016: A Scientometric Analysis: Rashmita Sahu
- Information Seeking Behaviour of Users at National Institute of Fashion Technology (NIFT) Institutions, India: A study: Jayant Kumar Sethi
- Relationship between Job Satisfaction and its impact on Job Performance of University libraries of Odisha: Jiban Kumar Jena

Achievements

The Department conducts monthly seminars on different topics to student participation and to develop a broad sense of looking at things.

Five students of the department have cleared 2018 NET. They are Chinmayee Sahu, Sumitra Baral, Priyanka Jee, Rajesh Kumar Mallick and Alok Kumar Sahu

Field Tours

Students were taken on a field tour to visit different libraries such as IIT, IOP, KIIT, XIMB, RMRC, RCM, IMMT in order to gather practical knowledge on library classification, cataloguing and library management system.

Papers Published by Faculties

1. A Study on Information seeking Behaviour of Faculties of Technical Institutions. Conference proceedings. International Conference on Marching Beyond the Libraries: Managerial Skill and Technological Competencies (ICMBL-2018). Overseas Press. Pg. No.: 693-702 ISBN: 97881-938797-71
2. Authorship Distribution and Collaboration in LIS Open Access Journals: A Scopus based analysis during 2001-2015. Library philosophy and practice (e-journals) ISSN: 1522-0222

Department of Mathematics

A brief profile of the Department

In the year 1966, Department of Mathematics was established under the Headship of Prof. S.C. Dash, the then Professor and Head, Department of Statistics. The Department started functioning with the able guidance of Dr. S. Pattanayak and Dr. B.P. Acharya as faculties. Over the last five and a half decade the Department of Mathematics education has come a long way and boasts of producing excellent teachers and researchers besides scores of successful professionals in other allied professions.

Orissa Mathematical Society (OMS) was founded by the Department in 1972 and is still hosting its Head Quarters. The OMS was established with the objective to popularise Mathematics education in Odisha and make it participatory. Under the leadership of the Department, the Mathematical Society continues to undertake various activities of the society. It has remained as an active centre for quite some time in holding the mathematics fraternity together under the banner of Orissa Mathematical Society. The Department has also actively contributed and has engaged in modernisation of school curriculum especially in mathematics. It has also come out with vernacular books in easy and lucid language to remove existing conceptual gaps that existed in the older books. Keeping abreast with industry needs the Department has successfully provided a leadership exhibiting farsightedness in modifying the syllabus keeping tab with the latest industry and market requirement.

In 1999, the School of Mathematics-Statistics-Computer Science comprising of the P.G. Department of Mathematics, Department of Statistics and the Department of Computer Science and Applications was established for intra collaboration in teaching/ research activities. The Department is also successfully running few self-financing programmes School of since its inception.

Facilities available

The Department has a state of art **Seminar Library well stocked with a huge collection of** text and reference books, journals, students' common room etc. Department office is well equipped with **Computer for its functionalities. There are two computer laboratories** with internet facility for students, non-teaching staffs and the chamber of the faculties.

Programmes Offered

- Computer Science Technology (2 years)
- Computer Science (2 years)
- Integrated Masters in Computer Application (MCA) – (5 years)

Faculty

| Name | Designation |
|---------------------|---------------------|
| Dr. Namita Das | Professor & Head |
| Dr. Jagannath Patel | Professor |
| Dr. Anasuya Nath | Assistant Professor |
| Dr. Salila Dutta | Reader |

Seminars/Workshops Organised

- The Department of Mathematics organised a National Seminar on Recent Trends In Mathematical Analysis & Applications, 28th February & 1st March, 2019
- A National Seminar on Functional Analysis & Its Applications was organised on 11th March, 2019
- The Department of Mathematics organised Academic Training Programme on CBCS Syllabus from 13th to 19th February, 2020. The training was sponsored by WB - OHEPEE-SAC for faculties of various +3 colleges of Odisha

Thrust Areas of Research

Real Analysis, Functional Analysis and Complex Analysis

Ongoing Projects / Research

Research work is going on Real Analysis, Functional Analysis and Complex Analysis.

Research Publications and Awards:

| | | | |
|---|-------------|----------------------|--|
| Ph.Ds awarded during the year | | | |
| Name of the Department | | No. of Ph.Ds Awarded | |
| Mathematics | | 04 | |
| | | | |
| Research Publications in the Journals notified on UGC website during the year | | | |
| | Department | No. of Publication | |
| National | | 00 | |
| International | Mathematics | 04 | |

List of Ph.D. scholars currently working:

| Sl. No. | Name | Regd. Number | Date of Registration | Supervisor |
|---------|------------------------|----------------------------------|----------------------|------------------|
| 01 | Sworup Kumar Das | 01-Mathematics (Science) 2017-18 | 15-09-2017 | Prof. Namita Das |
| 02 | Swarupa Roy | 02-Mathematics (Science) 2017-18 | 15-09-2017 | Prof. Namita Das |
| 03 | Satyajit Sahoo | 03-Mathematics (Science) 2017-18 | 15-09-2017 | Prof. Namita Das |
| 04 | Prasanta Kumar Acharya | 14 Math (Arts) 2012-13 | 13-04-2013 | Dr. Anasuya Nath |
| 05 | Sunil Kumar Sahu | 01-Mathe-2015-16 | 05-12-2015 | Dr. Anasuya Nath |
| 06 | Sudhansu Sekhar Ray | 04-Mathematics-2017-18 | 23-10-2017 | Dr. Anasuya Nath |

List of Publication by Faculties

- Das, N. and Behera, J. K., Fixed points of a class of unitary operators, Adv. Oper. Theory 3 (No.3)(2018), 538-550.
- Behera, J. K. and Das, N., Essential norm estimates for little Hankel operators on $L^2_a(C_+)$; Ann. Acad. Rom. Sci., Ser. Math. Appl., 10(2) (2018), 383-401.

Road Map

Improve the quality of research so as to make the department a centre for advanced studies in Mathematics.

Department of Odia

A brief profile of the Department of Odia

Established in the year 1969, the Department of Odia Language and Literature is one of the premier institutes on Language and Literature, in the state. The department has been fulfilling the higher education aspirations of Odia language students from the State for almost half a century. At present, the Department of Odia continues to revel in a good reputation and brand for its qualitative teaching learning experiencing in Post Graduate, M.Phil and Ph.D programmes for Odia Language & literature. The Department extends its intellectual domain by getting involved in many Interdisciplinary study areas including Natural Language Processing (NLP), Linguistics & Anthropological Studies and Comparative



National Workshop for the Youth organised in collaboration with Fakirmohan Foundation, New Delhi

Literature. The Department has adopted the participatory Teaching & Learning approach and CBCS Curriculum framework by its experienced and dynamic faculties.

The Department has a glorious past with Satyavadi Chair and Artabhallava Chair and

has also been contributing and actively involved in the mainstream literary scene. The Department has its positive existence in important platforms of Literature including Odisha Sahitya Academy, National Sahitya Academy (New Delhi), Central Institute of Indian Language, Mysore, National Book Trust, New Delhi, Odia Gabesana Parisada and Utkal Sahitya Samaja.

Department Facilities

The Departmental of Odia has a well-stocked Library with more than 3500 books, journals and other publications. The Students have access to a Computer lab with internet facility during the day and they can walk in during the day. The Department also has three well-furnished classrooms, a commons room exclusive for girls besides other infrastructural facilities.

Faculty

Associate Professors - Dr. Bishnupriya Otta, Dr. Santosh Kumar Tripathy, Dr. M.K Meher

Assistant Professors - Mr. Anpa Marndi, Dr. Ramesh Chandra Malick, Dr. Rudranarayan Mohapatra

Programmes Offered and Student Strength Sanctioned

- M.A. in Odia [64 students per batch]
- M.Phil. in Odia [10 students per batch]
- Ph.D in Odia [As per vacancy]

Thrust Areas of Research

- Different Areas of Odia Language and literature,
- Natural Language Processing,
- Comparative Literature

Achievements

Field Tours

- About 11 students qualified NET and 3 student bagged JRF during the year 2018

Publication by Faculties

The Department has published 16 Research Papers in various peer reviewed journals and 6 books.

Road Map

- Create infrastructure to have provisions for e-learning
- Establish an Odia language lab
- Engage in Research Projects and bring out qualitative findings
- Introduce of Odia Language Computing

Department of Philosophy

Brief Profile of the Department

The Department of Philosophy is one of the oldest Departments in Utkal University. The Department came into being in 1957 to impart Post Graduate teaching in Indian and Western Philosophy, classical and modern and encourage advance research in both the areas. Since its inception, it has grown under the able stewardship of scholars like Prof. Ratnakar Pati and Prof. Ganeswar Mishra. The Department came to limelight for its pioneering studies and research in the field of Analytical Philosophy with special emphasis on the Philosophy of Wittgenstein, Russel, A. J. Ayer, Ryle, Austin and Wisdom.

In recognition of the academic excellence as the centre of teaching and research, it was accorded the status of Department of Special Assistance by the U. G. C. In December, 1988.

After three consecutive tenures of DSA programme, the performance of the department was reviewed by UGC on 27th and 28th December, 2006. The Department was upgraded as Centre of Advanced Study in Philosophy with effect from 1st April 2007. During this phase, the Department has taken a lead role in carrying out in-depth and extensive research in the field of Indian Philosophy, Philosophy of Value as well as in the area of Contemporary issues in Philosophy by publishing 36 (Thirty Six) number of books. The bi-annual journal “*Indian Journal of Analytical Philosophy*” was newly published under the CAS programme.

Programmes Offered

Masters of Arts in Philosophy

M. Phil in Philosophy

PhD – [As per vacancy]

Faculty

1. Dr. Alakananda Parida, Assistant Professor (Coordinator)
2. Dr. Sudhakar Jally, Assistant Professor
3. Dr. Manoranjan Mallick, Assistant Professor
4. Dr. Pragyanparamita Mohapatra, Assistant Professor
5. Dr. Kabita Das (Assistant Professor)

Ongoing Project/Research

- Dr. Sudhakar Jally has received Indian Council of Philosophical Research accorded project entitled “The concept of Prama in classical Indian philosophy and its present

day perspective” on 29/11/2018. The duration of this project is a period of two years. The grant amount is two lakhs.

- Dr. Manoranjan Mallick has received a project titled “Ethical values and Religious practices: a Wittgensteinian Reading”, funded by Utkal University Research and Innovation Fund, Vani Vihar, Bhubaneswar.

Achievements

Invited Talks

1. Prof. Harish Ch. Sahoo, former HOD, Dept. of Philosophy, B.J.B Autonomous College was invited to talk about “Culture, Theory and Practice with special reference to J.N. Mohanty” on 22nd November 2018.
2. Prof. Saroj Kumar Mohanty, former HOD, P.G. Dept. of Philosophy was invited to deliver a lecture on “Environmental Ethics” on 5th October 2018.

Seminars Organised

- The Department also organised two day orientation programmes on Indian Culture & Indian Value System on 2nd August 2018 and 5th August 2018. Dr. Chitta Ranjan Mishra, chemical scientist, technologist, columnist, and television anchor & Dr. Kharavela Mohanty, historian, Retd. Professor, Ravenshaw University were the respective resource persons for the programmes.

Papers Published by Faculties

Dr. Alakananda Parida

Book Chapters:

- Paper entitled “Body-Mind Interface: An Analytical study of Bio-psychology”, in *The Concept of Body and Mind*, edited by Tanaya Mohanty, Elite Publications.
- Paper entitled “Metaphysical Relativism: A Study of Jaina Ontology”, in *Literature and Magic of Words*, edited by Srikanta Mohanty, Elite Publications.

Invited Talk (01):

- Invited as a Resource Person to deliver a talk on *Environmental Ethics* on the occasion of World Philosophy Day in the Extramural Seminar at Kamala Nehru Women’s College, Bhubaneswar on 15th November, 2018.

Dr. Sudhakar Jally

Paper presented in Seminars/Conferences:

3. Presented a paper entitled “A study on Philosophy, Religion and Science “in the South Asian Conference on multi-disciplinary Research -2018 held on 5th & 6th October -2018 in Colombo, Sri Lanka.

Workshops /Seminars/Conferences Attended

4. Presented a paper on “Professor R. Balasubramanian on value and practice” in the two-day National Seminar on “Thoughts and works of Professor R. Balasubramanian organized by Indian Council of Philosophical Research from November 18-19, 2018 held at ICPR academic centre, Lucknow.

Dr. Manoranjan Mallick

Publication:

- Mallick, M., Wittgenstein’s Transcendental Ethics: a response to Rajendra Prasad” ed. by Dr. Harishchandra Sahoo, *Ethics: theory and practice* (ISBN 81-89778-92-7), Lipika, Puri, Bhubaneswar, 2018, Pp. 33-45.

Papers accepted for publication:

- "Revisiting solipsism: a Wittgensteinian way" in the 2nd Ludwig Wittgenstein International Conference of *Ludwig Wittgenstein*, Vol.2
- “The notion of happiness in early Wittgenstein” ed. Prof. L. Udayakumar, *Buddha and Wittgenstein on Culture and Values*, Centre for Mahayana Buddhist Studies at Acharya Nagarjuna University.

Paper Presented in Conferences/Seminars:

- “What is ‘Supernatural about Values?’” in the 3rd Ludwig Wittgenstein International Conference of *Ludwig Wittgenstein Philosophical Society* held at Dept. HSS, IIT Bombay, Mumbai, 24th to 26th November, 2018.
- “Wittgenstein’s Transcendental Ethics: A Response to Rajendra Prasad” in the ICSSR sponsored national seminar on *Ethics: Theory and Practice*, organized by B.J.B. Autonomous College, Bhubaneswar, 9th to 10th August, 2018.

Dr. Pragyanparamita Mohapatra

Publication:

- “What We Ought to Be? Ethical Significance of Buddha’s Teachings.” In *Ravenshaw Journal of Philosophy*, edited by Ram. C. Majhi, ISSN: 2395-3209, Vol. IV, December 2018, pp. 40-55.

Papers accepted for Publication (03):

Book Chapters:

- Paper entitled “Frege on Objectivity of Thought: An Argument for Semantic Realism” in an anthology, edited by Kantilal Das, NBU is accepted for publication.
- Paper entitled “On Rule-Following: Kripke’s Wittgenstein” in *On Wittgenstein’s Religious Belief, Meaning and Comparisons*, (Ludwig Wittgenstein Philosophical Society Vol. II) edited by K.C. Pandey is accepted for publication.
- “Agency, No-Self and Consciousness”, in, *Buddha and Wittgenstein on Culture and Values* edited by L. Udayakumar.

Paper Presented in Seminars

- Presented a paper entitled “Davidson on Self-Knowledge and Externalism” in ICPR sponsored International Conference on “Saṃśaya Evam Pramāṇa, Doubt and Knowledge- Indian and Western Perspectives” from 15th to 17th March, 2019, Organized by Department of Philosophy, Rajasthan University, Jaipur, Rajasthan.
- Presented a paper entitled “Ethics, Self and World: Wittgenstein’s view on Meaning of life” in the 3rd Ludwig Wittgenstein International Conference on “Wittgenstein on Culture and Value” organised by Department of Humanities and Social Sciences, IIT Bombay, from 24th Nov. 2018 to 26th Nov. 2018.
- Discussant of the paper “Transforming Education for the 21st Century” by Imran Nazerali in two day symposium On GLOBAL INNOVATION DESIGN in Collaboration with Imperial College of London at Utkal University, from 8th & 9th August 2018.
- Presented a paper entitled “Agency, No-Self and Consciousness” in UGC sponsored national seminar on “Buddha and Wittgenstein on Culture and Values” from 14th to 16th March, 2019 organized by The Centre for Mahayana Buddhist Studies of Acharya Nagarjuna University, Guntur, India.
- Presented a paper entitled “What We ought to be? Ethical Significance of Buddha’s Teachings.” as one of the resource person in ICPR sponsored one day national seminar on “Contemporary Relevance of Buddhist Ethics” organised by the department of Philosophy, Ravenshaw University on the occasion of World Philosophy Day on 30th January 2018.
- Presented a paper entitled “Social Ecology as a remedy to Ecological Crisis” at ICPR sponsored national lecture organized by the department of Philosophy at Sailabala Women’s (Auto) College, Cuttack, on 5th January 2018.

Dr. Kabita Das

Paper Presentation in Seminars/ Workshops/ Conferences:

- Presented paper on “Concept Of Middle path And it’s Implication To Present Society”, 18th annual Conference of the Indian Society of Buddhist Studies, Organized by Kalyani University, West Bengal, on September, 28-30, 2018.
- Presented paper on “Revisiting Virtue Ethics”, National Seminar on **Future Generations: Responses and Responsibilities** Organized by Satya Nilayam Research Institute (SNRI), Chennai, Tamilnadu, on Dec 14 and 15, 2018.

Department of Personnel Management & Industrial Relations

A brief profile of the Department

Established in 1970 as Sociology and Labour Welfare, the Post Graduate Department of Personnel Management and Industrial Relations later branched out as an independent Department of Labour Welfare in the year 1974. It was later rechristened as Department of Personnel Management and Industrial Relations (PM& IR), in the year 1998-99.

The Department works with the objective of providing training through a robust curriculum to deal with the problems and challenges of managing and developing human resource in organizations. The Department endeavours to develop professional Human Resource managers for the corporate sector as well as the public system, through its advanced two-year regular Management Degree Program of **Masters in Personnel Management & Industrial Relations (MPM&IR)**.



Since 2010, the Department has been organising **Prof Abhay Kumar Memorial Lecture** in the memory of Prof Abhay Kumar, the architect of PM&IR Department within Utkal University. Eminent personalities of national and international repute have delivered their enlightening talks in the eight Lectures organised by the Department of PM & IR has organised eight Lectures so far.

Research was a priority for the Department to improve the teaching learning experience and to enhance knowledge. The Department regularly undertakes Research in different areas of Management including Behavioural Science, Human Resource Management, Industrial Relations, Labour Laws, Social Security and Unorganized Sector.

Out of the nine Centre of Excellences (CoE) established by Utkal University, two CoEs - Center for Human Capital Development which is funded by World Bank and Center for Unorganized Labour which is funded by Rastriya Uchha Shiksha Abhiyan (RUSA) is anchored by the Department of PM & IR.

Department Facilities

The Departmental of PM&IR has a well-stocked Library with more than 3500 books, journals and other publications. The Students have access to a Computer lab with internet facility open to students any time of the day hence they have ICT facilities along with three well equipped classrooms for in house lectures and other activities.

Faculty

Professors: Prof. Santosh Kumar Tripathy

Associate Professors: (Readers): Dr. Bijay Kumar Sundaray and Dr. Madhuchhanda Mohanty

Assistant Professors: Dr. Sumitra Murmu, Mr. Kartik Chandra Das and Laxmiprada Pattanaik

Programmes Offered and Student Strength Sanctioned

- M.Sc. in PM & IR [32 students per batch]
- M. Phil in PM & IR [10 students per batch]
- Ph.D in PM & IR [As per vacancy]

Thrust Areas of Research

- Human Capital Development
- Study on HR issues in unorganised Sector
- Corporate Social Responsibility

Ongoing Projects / Research

The Department of Personnel Management and Industrial Relations is actively involved in various ongoing research in association with the Centre of Excellence (CoE) Center for Human Capital Development and the Center for a study on Unorganized Labour

Achievements

i. Seminars/Symposia/Conferences/Lectures etc

1. A two days International Seminar on “Employee Relations: Today and Tomorrow” was organized by the Department on 30th June -1st July, 2018.

2. The eighth **Prof. Abhaya Kumar Memorial Lecture** on “Shifts in Business Diplomacy & Local-Global Relations: *Exploring Lessons and Future Growth*” was delivered by Prof. Rajagopal, Edage Business School, Mexico held on 11th December, 2018.
3. On the occasion of the celebration of Platinum Jubilee Celebration, The EVENTESIA- All Odisha B-School Meet was organized by the department on 24th December, 2018.
4. Faculty members were invited as resource persons to various national and international seminars.
5. Eleven student representatives (two research scholars and nine students of fourth semester) participated and presented their paper in International Seminar on “Recent Advantages in Management: Challenges, Initiatives and Road Ahead” on 6th & 7th March 2018 organised by Uniglobe College in Kathamandu, Nepal.

b. NET/JRF

- About 5 students qualified NET and 16 students qualified JRF during 2018

f. Field Tours / visits if any

- The Students of PM&IR Department went to Rastriya Ispat Nigam Ltd & Hindustan Shipyard, Visakhapatnam, Andhra Pradesh and Indian Oil Corporation Ltd at Paradeep.

d. Consolidated list of Publication by faculties

The faculties of PM & IR Department contributed to 13 publications in National and International Journals and 4 papers were also presented by them.

Road Map

- Establish a Research Unit to focus on research and development.
- Collaborate with State Labour Institute for joint research on ‘Issues, practices, and challenges in Unorganized Sector of Odisha.
- Internship for final semester students at PSUs and private sector industries to enhance their skill and knowledge.

Department of Physics

A brief profile of the Department of Physics

The Department of Physics pioneered modern physics research in the state of Odisha. The Department played a pivotal role in the establishment of Orissa Physical Society for Modernizing Physics Education in the State. The only computer, an IBM 1130 gifted by the UGC in fact marked the beginning of Computer age in the State. A large number of institutes and industries were the users of this facility in 1990s. Subsequently, the department initiated the PG DCA programme, which emerged as a full-fledged department of Master in Computer Science and Applications with its own independent infrastructure.

Reaching out to the peripheral sectors, the Department was a nodal point for the NCERT 'CLASS' project for schools for about a decade. The Department has hosted several national and international conferences/symposia and workshops and contributed to the faculty improvement programme for colleges and other universities through several refresher courses. The department is recognized by UGC under its DRS and BSR programmes, and DST under FIST, PURSE and INSPIRE programmes. It is also recognized by the Govt. of Odisha as a Centre of Excellence.

Faculty members have established collaboration with renowned Institutions abroad and in the country. Our faculty members have given many invited and plenary talks, and chaired sessions in many national and international conferences and also organized many such conferences. One Chair professor (Maurbhanj Professor Chair) is in the department. There is an active Alumni Association in the department since 1988. Our Alumni are in the Faculty/research staffs of International Institutions like SLAC, ANA, CERN, KEK, GEC, IBM, Max Planck Institute and many other International institutions. They are occupying faculty positions in many national universities and institutes in the country.

Faculty

Head of the Department: Dr. Prafulla Kumar Panda

Professor: Dr. (Mrs.) S. Mahapatra - Particle Physics, Gravitation & Cosmology

Readers: Dr. Shesansu Sekhar Pal - High Energy Physics and Dr. Prafulla Kumar Panda - Nuclear and Particle Physics

Asst. Professors: Dr. P.K. Samal – Cosmology (on Lien), Dr. Jagadish Kumar – Condensed Matter Physics, Nonlinear Dynamics and Mr. Bhagaban Kisan - Experimental Condensed Matter Physics

Programmes Offered and Student Strength Sanctioned

- M.Sc. in Physics [32 students per batch]
- M.Phil in Physics
- Ph.D in Physics

Thrust Areas of Research

- High Energy Physics
- Astro particle physics
- Gravitation and Cosmology
- Magnetism and Spintronics
- Nonlinear Dynamics
- High Performance Computing
- Condensed Matter Physics
- Nanoscience and Nanomaterials

Ongoing Projects / Research

- DST-FIST

Achievements

ii. Seminars/Symposia/Conferences/Lectures etc

- The Department of Physics organised one seminar

b. NET/JRF

- About five students qualified NET/JRF during the year

g. Field Tours / visits if any

d. Consolidated list of Publication by faculties for the year 2018

About 10 papers were published in International Journals

Department Facilities



Vaccum Coating Unit



Hot air oven



The Department of Physics has a well-stocked Library with books, journals and other publications. The Students manage the library and it remains accessible 24x7 for reference and reading materials. The Students have access to a Computer lab with internet facility open to them any time of the day, besides classrooms with ICT facilities. The Department of Physics has state of the art Advanced Material Research Laboratories, Micro-Raman spectroscopy Laboratory besides a Laboratory for Masters in Physics students. The Department regularly organises study tours for students.

Road Map

- Make quality education accessible to talented boys and girls and maintain a high academic standard in teaching and research.
- Reach out to the peripheral sectors and public at large in spreading the culture of scientific education and research.

Department of Political Science

A brief profile of the Department of Political Science

The Department of Political Science was established in 1958 in Ravenshaw College, Cuttack and was shifted to Vani Vihar at Bhubaneswar campus in 1962. Dr. K.V Rao was the Head of the Department and was succeeded by Prof. Shreeram Chandra Dash in 1963. Contributions of Prof. Shreeram Chandra Dash, a legendary figure and doyen in the field of Political Science, is exemplary to the Department's development. As a tribute to his contributions, the Department has instituted the Shreeram Chandra Dash Memorial Foundation and organises an Annual Memorial Lecture since 1995.

In 1996, the Department of Public Administration was carved out of the Department of Political Science. In the Department, M.A. in Women Studies, P.G. Diploma in Chinese Studies and Development Journalism and Electronic Communication were also founded. Subsequently these Departments have become independent after due recognition by the U.G.C.

Late Dr. Manindra Kumar Mohapatra, Professor of Political Science and Director, Center for Governmental Services, Indiana State University, Terre Haute, United States of America has instituted two endowments i.e. Urmila Foundation for American Studies and Urmila Foundation for Orissa Policy Studies in the Department. Under the Foundation, two seminars are conducted annually both at International and National levels on different themes since 2000.



Since 1995, the Shreeram Chandra Dash Annual Memorial Lecture is organised every year and the annual alumni meet is also organised in the Department, on the same day. Shreeram Chandra Dash Memorial Foundation has instituted two cash prizes of Rs. 10,000/ each to the Meritorious Students under Sreeram Chandra Dash Pratibha Sanman of the Department every year.

Considering the Department's academic output the UGC had identified and inducted Department of Political Science into the UGC-SAP (DRS-I) DRS Stage-I (2004-09) and after assessment of performances of DRS Stage-I the UGC has been pleased to grant the Department of Political Science DRS-Stage-II (2011-16).

The UGC assistance has helped the Department in organizing Seminars/ Conferences, Invited lecturers by renowned personalities, Field-Study Tours every year for faculty and bringing out publications. For the academic enrichment of the Department, scholars of international and national repute have been invited for deliberations on different occasions.

The Department of Political Science is the first and the only Political Science Department in the state to get inducted into UGC- DRS-II. The Department mission is to be identified as Centre for Advance Study in Political Science in future.

Faculty

Professors: Prof. B. Satapathy

Reader: Dr. Smita Nayak, HOD

Assistant Professors: Dr Seema Mallik (Stage II) & Dr. Swapna S. Prabhu

Programmes Offered and Student Strength Sanctioned

- M.A in Political Science [64 students per batch]
- M.Phil in Political Science [10 students per batch]
- Ph.D in Political Science [As per vacancy]

Thrust Areas of Research

- International Politics
- Gender Studies
- Development Studies
- Public Policy Studies
- Social Capital
- Local and Urban Governance
- India and its Neighbours (under Area Studies Programme).
- Documentation of International, National & Regional Policies & Programmes

Ongoing Projects / Research

- Dr. Smita Nayak submitted ICSSR sponsored Major Research Project on “Poverty & Deprivation of Tribal Women of Odisha: A study of Rayagada District” in 31st October, 2018.
- Dr. Seema Mallik is continuing with ICSSR sponsored Major Research Project on “Land Alienation & Threats to Livelihoods: Understanding Rural Poverty in India.”
- Dr. Swapna S. Prabhu is presently working on an Utkal University Seed Grant Research Project titled “The Politics of Child Care: A Critical Study of ‘Access to Child Care’ as a Public Policy in Odisha” (2017-2019).

Achievements

iii. Seminars/Symposia/Conferences/Lectures etc

- International Seminar on “Indo-Japan Relations : Issues and Challenges”, was organized by Department of Political Science, Japanese Studies Pilot Project and Department of Anthropology, Utkal University on 16th February, 2018. The seminar was presided by Prof. S.M. Patnaik, our Vice Chancellor attended by Mr. Masayuki Taga, (Consul General of Japan in Kolkata), Prof. Takenori Horimoto, (from Japan),

Mr. Abasar Beuria (Former Ambassador), Prof. Surya Narayan Mishra (former Prof. & HOD, Dept of Pol.SC, UU), Prof. Susmit Pani , (former Director, DDCE, UU) and Prof. Srijit Mishra, Director, NCDS

- The Department organized a Discussion on “Shreeram Chandra Dash: A Centenary Tribute” on his death anniversary on 10th August, 2018. This was presided by Prof. Brahmananda Satapathy and attended by Sri Sarat Chandra Kar, (former Speaker, Odisha Legislative Assembly), Sri Kanhu Charan Lenka (former, Union minister & an Alumnus), Sri Rabi Narayan Das (Chief Information Commissioner, Gujarat & an Alumnus), Sri Gopal Chandra Nanda (Former, DG of Police, GoO & an Alumnus), Sri Suresh Chandra Mantri, (IAS (Rtd.) & an Alumnus) and Sri Shyama Sunder Agarawal, (Columnist & an Alumnus)
- Department organized a Memorial Lecture on the Topic: “Shreeram Chandra Dash: As an Educationist” on 6th October, 2018. Sri Rabi Narayan Das (Member, Planning Board, GoO, IAS (Rtd.), Sri Soumyaranjan Pattnaik, (MP, Rajya Sabha), Prof. Sukhadev Nanda (former Vice Chancellor, FM. University), Sri Kharabela Swain (former MP, Lok Sabha), Prof. Ajit Mohanty (former Professor of Psychology, Delhi University), Adhyapak Biswaranjan and Prof. S.N. Mishra graced the occasion.
- The Department had organized Birth Centenary Celebration and the 24th Prof Shreeram Chandra Dash Memorial Lecture on 17th November, 2018. The Memorial Lecture in the morning was delivered by Prof S.D. Muni (former Ambassador, on the topic ‘India’s Strategic Importance in South Asia’), Sri. Sarat Chandra Misra (former Diplomat), Sri Abasar Beuria (former Ambassador), Sir Vivek Pattanayak (former International Civil Servant), Prof. J.K.Baral (former Vice Chancellor, Berhampur University) and Dr. Srikanta Mohapatra (Vice Chancellor, Odisha Open University).
- The second session was organised in the evening on the topic: Reinventing Indian Democracy’ by Prof. A. Prasanna Kumar (former Rector, Andhra University).
- Department also organised a Quiz competition for P.G. students on the autobiography titled “Mo Akuha Kahani” of late Prof. Shreeram Chandra Dash on 15th November, 2018 and cash prizes of Rs. 10,000 (first prize), Rs. 7000 (second prize) and Rs 5000 (third prize) were also awarded to the winners along with three consolation prizes of Rs 1000.
- A workshop was organized in the Department for revision of +3 CBCS Syllabus on 7th April, 2018.

- A special Board of Study was conducted in the Department to finalize the revised syllabus for +3 Political Science Honours and Pass Courses. Teachers' representatives from all Universities of Odisha had attended this workshop.
- Three days *Induction Programme* for Fresh batch of students were organised by the Department & eminent dignitaries & alumnus of the Department were invited. Sri. Hara Prasad Das (former IAS), Dr. Debasish Panigrahi, IPS, Prof. Asha Hans (former Prof. & Head), Prof. Amareswar Mishra (former Prof. & Head), Prof. S.N.Msira(former Prof. & Head), Sri. Deba Prasad Dash (OAS, Sahitya Academy Awardee) and Dr. Girish Prasad Swain (Motivational Speaker) were present on the occasion.
- The following Lectures were organised from January to December, 2018
 - Prof. Kumarbar Das, Former Vice Chancellor, F. M. University, delivered lecture on “Quantitative vs Qualitative Research Methods” on 8th September, 2018
 - Prof. Kasinath Jena from Tripura University, delivered a lecture on “Global Political Economy” on 6th September, 2018
 - Dr. Radhanath Tripathy, Delhi University, delivered a Lecture on Rethinking Rights in the Contemporary Human Rights Discourse
 - Prof Ashok Archarya , Delhi University on ‘Political Judgement’ on 25.01.2018
 - Prof. K. Ravi , Andhra University delivered a Lecture on “Decision Making” on 09.03.2018
 - Students of IVth semester went on a Study tour to Vishakhapatnam from 27th to 31st March
 - Dr. Sudhansu Sarangi, IPS, Odisha State Crime Records Bureau, Bhubaneswar delivered a Lecture on "Governance: Future Challenges" on 4th April, 2018
 - A workshop was organized in the Department for revision +3 CBCS Syllabus on 7th April, 2018
 - Mr. Sarat Kumar Dash, IRS, Director Income Tax (Applet) was the Chief Guest on the 60th Annual Day meeting held on 11th April, 2018.
 - Dr. Nivedia Haran, IAS, Kerala Cadre delivered a Lecture on “Role of Civil Servant in maintaining Neutrality & Anonymity” on 16th April, 2018.
 - Prof. Ajay Pattnaik, Dean , School of International Studies, Jawaharlal Nehru University, New Delhi on 24th March, 2018

b. NET/JRF

- Out of the total 11 students who qualified and received in various fellowships 7 students qualified NET, 2 students received ICSSR fellowship and 2 received RGNF during the year 2018

h. Field Tours / visits

- The fourth Semester students have successfully completed their Study Tour to **Andhra University and Vishakhapatnam from 27th to 31st March, 2018.**
- The Department organized a picnic for both the batches of students to **Budhakholo**, on 17th January, 2018.

d. Consolidated list of Publication by faculties for the year 2019

Dr. Smita Nayak:

- Nayak, Smita (2018) 'Social Science at Crossroad: Analytical Exposition of Political Science in Changing Times', Global Journal for Research Analysis, A peer Reviewed Referred & Indexed Copernicus IC Value:85.78, International Journal, Vol.7, Issue-7, July, 2018, ISSN No-2277-8160, UGC Sr. No. 49177.pp-40-42
- Nayak, Smita & Behera Arati, (2018) 'Revisiting Women Empowerment in Rural Local Governaning Institutions: India's Tryst with Gender Justice Local Governance', Global Journal for Research Analysis, A peer Reviewed Referred & Indexed Copernicus IC Value: 85.78, International Journal, Vol.7, Issue-7, July, 2018, ISSN No-2277-8160, UGC Sr. No. 49177. Pp-21-25

Dr. Seema Mallik:

- i. Ethnicity and Violence in India, *International Journal of Current Research*, Vol 10, Issue 01(No.2)2018, ISSN 0975-833X, pp 64771

Dr. Swapna S. Prabhu:

- i. Changing Political Contours in India: A Rising Convergence between Public Diplomacy and Constructivism, in *Contemporary Social Sciences*, Research Foundation International, New Delhi, Vol.27, No.4, October-December, 2018, ISSN 0302-9298, PP.1-12.
 - ii. In Search of the Perfect Cop: The Philosophy behind Community Policing, in *Dialogue Quarterly*, Astha Bharti, Delhi, Vol. 19, No. 4, April-June 2018, ISSN 09730095 pp. 123-135.
 - iii. Religious or Ideological Terrorism? Reconstructing the Unconcealed Synergy, in *Journal of Politics and Governance*, Academy of Politics and Governance, New Delhi, Vol.7, No.1, March, 2018, ISSN: 2278473X, pp. 15-23.
- Asrafuzzaman, S., S. Mahapatra, J. Rout and G. Sahoo (2018) Dietary assessment of five species of anuran tadpoles from northern Odisha, *Journal of Threatened Taxa*, 10 (1): 12382-12388.
 - Panda, S. K., L. Padhi, and G. Sahoo (2018) Oral bacterial flora of Indian cobra (*Naja naja*) and their antibiotic susceptibilities. *Heliyon*, 4: e01008. Doi 10.1016/j.heliyon 2018 e01008.

- Rout Jasmin, Subhasish Prusty and Gunanidhi Sahoo (2018) Assessing feeding habits of tadpoles of common Asian toad *Duttaphrynus melanostictus*, Pranikee - Journal of Zoological Society of Orissa 30: 47-57.
- Panda, S. K., G. Sahoo and A. K. Bastia (2018): Tribal indigenous beverage “Handia”: its process characteristics and medicinal value. Tribal Health: A Regional Perspective, (ed.) L. K. Sahu, Serial Publications Pvt. Ltd, New Delhi, ISBN: 978-93-86611-11-6. Pp. 232 – 250. (Book chapter).
- Harshita Swain, Ranjan Sahu and Sudhansu Sekhar Nishank (2018) Applications of SDS-PAGE in differentiation of earthworm genera, Pranikee: Journal Zoological Society of Orissa, 30: 39 - 46

Department Facilities

The Department of Political Science has a well-stocked Library with more than 6000 reference books, Reports, Theses, Dissertations & reprints etc. available for consultation and ready references. Regular subscription of important print journals like EPW, Seminar, Mainstream & Newspapers. The students have access to e-Resources including e-Thesis, e-Books, Infilbnet, ProQuest Data base. The Department also has a DRS library for faculty.

Besides the students have access to well-equipped Computer labs with interactive projector, normal Projector, computer with internet facilities. The facilities also includes mini conference room -cum-Class room with ICT facilities, LCD & Inverter etc. Besides the Department has facilities including photocopy, fax, scanner, intercom facilities, bio-metric, CCTV, Wi-Fi connectivity, land phone facilities, fire extinguishers and so on.

Road Map

- Upgrade the UGC DRS to the level of Centre for Advance Studies (CAS)
- Establish a compressive Documentation Centre on Public Policy, Election Studies and Odishan Studies.
- Revive Post Graduate Diploma in Chinese Studies
- Create a Centre for Canadian Studies (special emphasis on French language).
- Institute Peace and Gandhian Studies
- Start a Centre for Russian Studies in collaboration with Centre for Central Asian Studies, SIS (Jawaharlal Nehru University).
- Document and prepare a Data Base on the ‘Functioning of PRIs’ covering all the districts in Odisha.

Department of Psychology

A brief profile of the Department of Psychology

Established in 1953, at the Ravenshaw College, Cuttack as an Undergraduate Department under the guidance of Prof. Radhanath. Rath. The Department of Psychology was upgraded in 1958 to a Post-Graduate Teaching and Research Department in 1958. The Department moved to the Utkal University Campus at Vani Vihar, Bhubaneswar in 1962. Since its inception, the Department of Psychology has several notable events and achievements to boast like the Annual Function of Indian Science Congress which was organized in 1962 and 1977 with Prof Radhanath Rath as the Local Organising Secretary. The then Prime Ministers of India Pandit Jawaharlal Nehru and Mrs Indira Gandhi had graced the occasion.

The 12th Annual Conference of the Indian Academy of Applied Psychology was organized in 1974. The Department has organized Annual Conventions of National Academy of Psychology (NAOP) thrice, besides the 5th International Conference of Cross Cultural Psychology.

In the year 1972, the University Grants Commission (UGC), in recognition of the research contributions of the Department on the educational problems of the socially disadvantaged, particularly, the Scheduled Caste and the Scheduled Tribe children, granted Special Assistance to develop an Educational Psychology Wing with a sanction of posts of one Professor, two Lecturers and two Research Assistants with additional grants for books, journals, equipment and building. In 1976, the U.G.C. appointed a special visiting team of experts to assess the achievements of the Department for its possible participation under the Special Assistance Programme (SAP). The committee unequivocally complemented the functioning and the academic contributions of the department and based on their recommendations the department was recognized as a UGC Department of Special Assistance (DSA) in 1976-77

The Centre has collaborated with International centres of repute. In 1976, the Department of Psychology was selected by UGC for collaboration with the School of Education, Birmingham University, England (under the Indo-British Universities Collaboration Programme up to 1982). The other international collaborations of the Department include its associations with University of Alberta and the Queen's University, Canada. A number of scholars from various Universities of the World have paid long-term visits to the Centre under Fulbright and other international exchange programmes.

Eminent Visiting Professors including Prof. E.A.Peel, University of Birmingham, Prof. Klaus Weddell, Institute of Education, London, Prof. Peter Evens, Prof. David Bane, Prof. Paul Rozin, Prof. J.G.Adair, Dr. S.Haidt, Prof. David Baine, Prof. Paul Rozin, Prof. J.G.Adair, Dr. S. Haidt, Prof. Richard Scheder, Prof. Y.H.Poortinga, Prof. E.Ekstrand, Prof.

J.P.Das, Prof. R.N.Kanungo, Prof. S.Mishra, Prof. P.G.Patel. Prof. Robertson, Prof. Jayachandran, Prof. E.S.K.Ghosh, Prof.E.Kneel and Prof.Kolemar from Canada and other countries have visited the Centre and enriched its activities.

Faculty

Professors: Prof Namita Mohanty and Prof Bhaswati Patnaik

Associate Professors: Ms. Namita Das

Assistant Professors: Mrs Mousumi Sethy, Mrs Lucy Sonali Hembram, Dr. Manaswini Dash, , Mrs Sunanda Pattnaik & Maheswar Satpathy

Programmes Offered and Student Strength Sanctioned

- M.A in Psychology [48 students per batch]
- M.Phil in Psychology
- Ph.D in Psychology

Thrust Areas of Research

- Cognitive, Educational and Developmental Psychology
- Clinical and Counselling Psychology
- Social, Personality and Organizational Psychology.
- To cope with the challenges of mental health in a changing environment, intervention research is being carried out in Clinical and Counselling Psychology as well as Human Resource Development with a focus on early childhood and developmental disability.

Ongoing Projects / Research

- The Department of Psychology had a partnership project on Strengthening Early Childhood Care and Education in Odisha in partnership with UNICEF
- Centre of Excellence on Early Childhood Development in partnership with UNICEF Started in 11th June, 2018. CoE ECD, Department of Psychology at Utkal University in partnership with UNICEF aims at sustaining quality efforts in Early Childhood Development (ECD) through leveraging key resources, partnerships with specialized agencies and evidence based research. The aim is to gradually expand the scope of the Centre to function as a knowledge hub in the country, with a primary focus on Eastern Indian states, so far as issues of early childhood development are concerned.

Achievements

iv. Seminars/Symposia/Conferences/Lectures etc

- Workshop on revision of NUA ARUNIMA, the State Curriculum for Early Childhood Education on 19-20 September 2018.

- Ms Sunanda Pattnaik presented a paper on “Cyber bullying among school students: Guidelines for prevention and intervention strategies for school counselors” at International Conference on School Psychology (InSPA-2018), organized by Andhra University from 11th October to 13th October, 2018. {Souvenir- page no.113}



Workshop on revision of curriculum

- Ms Sunanda Pattnaik also presented a paper titled “Role of gender and social media use on perceived social support and psychological well-being of college students” at International conference on “Towards building inclusive societies” & Annual convention of NAOP held on 19th – 21st December 2018, organised by University of Delhi, New Delhi. {Book of Abstract- page no.194}
- Ms Lucy Sonali Hembram presented a paper titled “Role of spiritual intelligence and self-concept on social competence of visually impaired adolescents” in National seminar on adolescent’s behaviour: care vs concern, on August 18-19, 2018, organized by Department of Psychology, Banasthali University, and Rajasthan.
- Ms Lucy Sonali Hembram also presented paper titled “Role of gender and socioeconomic status on academic stress and coping strategies of adolescents” in National seminar on adolescent’s behaviour: care vs concern on August 18-19, 2018 organized by Department of Psychology, Banasthali University, Rajasthan.
- Ms Mousumi Sethy presented paper related to Behavioural Based Safety, in Division-Level Workshop on Safety-An Integral Part of Work, Berhampur, 30th November 2018, organised by Directorate of factories and boilers, Odisha

b. NET/JRF

- Four students of the Department of Psychology qualified NET in 2018

i. Field Tours / visits if any

Students from the Department of Psychology went on an exposure visit to **Centre for Learning Resources, Pune and Raipur.**

d. Consolidated list of Publication by faculties for the year 2019

Prof. Namita Mohanty

- Effects of employment status and social support on the attitude of the alcoholics towards deaddiction, their self-esteem and mental health, Journal of Community Guidance and Research, Vol 25, (3),2018
- Internship - a realistic job preview and selection mechanism, Education + Training (Emerald Publishing) Emerald Publishing (ISSN – 0040-0912).(Accepted for publication)
- Role of Intervention on Psychological Capital, Work Engagement and Authentic Leadership in Indian Revenue Service Officer Trainees Research Journal of Social Science and Management, Vol.07 April, 2018, ISSN 2251-1571
- Mental Health of Post Graduate Students: Role of Stream and Gender, Indian Journal of Health and Wellbeing, April, 2018, ISSN-P-2229-5356
- Physical activity and Play as a Medium of Psychological First Aid (PFA) leading to Psycho-social care for Building Resilience and Helps to Overcome Trauma in Emergency Situation. Clinical Experimental Psychology, 1, Vol.4, Feb, 2018, ISSN 2471-2701

Prof. Bhaswati Patnaik

- Inter Correlation of the Positive Health Aspects among The Type 2 Diabetes Mellitus Patients; Aradhana Panigrahi and Bhaswati Patnaik, International Journal of Current Research Vol. 10, Issue, 07, July, 2018
- Influence of Organizational Climate and Organizational Culture On Psychological Well-Being of Managerial Personnel: Amjad Ali and Bhaswati Patnaik, Review of Research, Volume - 8 | issue - 1 | October – 2018

Dr. Manaswini Dash

- Book Chapters: “Assessment of Intelligence” and “Aptitude” Indira Gandhi National Open University, New Delhi (In Press)
- Report of the “Baseline Survey of Rural Cluster of Anganwadis in Bhubaneswar, Odisha”, October, 2018, Co-author: Bhaswati Patnaik
- Odia transcript of the video(Balyabasthare Grahanashilata) Video on Receptivity in Early Childhood Prepared by UNICEF and CoE ECD, UU, December, 2018

Ms. Mousumi Sethy

- BaLA : Odia translation, 2018

Department Facilities

The Department of Psychology has Radhanath Rath Centre of Early Childhood Education, University Counselling Centre and Samarthya: the disABILITY Unit.

Radhanath Rath Centre of Early Childhood Education (formerly The DARCEE (Demonstration and Research Centre for Early Education)) was inaugurated by the then Governor of Orissa and Chancellor of Utkal University, Hon. Sri S.N. Reddy. This Model Preschool was started in August, 1980 to serve as an action- research oriented experimental laboratory-cum-demonstration centre in early childhood development and education for the M.A, M.Phil and Ph.D. students

University Counselling Centre is a fully functional counselling center in the Department of Psychology. Counselling services are offered to the students of Psychology department and students of other departments of the university who face difficulties in making decisions and adjustments in day -to -day life situations.

Samarthya: the disability Unit is an extension of the Department's expertise to the university students through Higher Education for Person with Special Needs (HEPSN) project funded by the UGC. Aptly named as Samarthya (meaning Capability), the Center aims at capacity building of the students with disabilities and to further their power to struggle for equal rights in the competitive world. It is equipped with Job Access with Speech (JAWS) software and a Braille printer.

The Department has **Psychophysiological Laboratory**, which is equipped with Relaxation chair, Biofeedback ECG Machine

The Department **Testing Library** that has more than 120 Psychological Tests that are widely used for Psycho-educational assessment as well as clinical diagnosis to cater to the needs of the community. Researchers make use of the testing library by referring to the tests of their interest.

Besides the Departmental of Psychology has a well-stocked Library with a wide collection of books, journals and other publications. The Students have access to a Computer lab with internet facility open to students any time of the day.

Road Map

The Department has been working towards innovations in the following components and for the coming five years will focus its activities and programs around them:

1. Teaching

- Further develop use of Manuals / Formats / Templates for standardising the conduct and for evaluation of the Practical / Non- Theory courses in the syllabus at the level of PG, M.Phil and PhD coursework.

- For credit uniformity in PG Syllabi the Department is planning to have a fresh look at the present syllabus for refining and streamlining of the structure and credit points.
- Increase emphasis on field work, exposure and practice is conducive for the future of students for job opportunities ensuring the balance between theory and practice components of syllabus.
- Encourage originality and avoid plagiarism by making plagiarism check mandatory for students for every report they submit for examinations at the P.G , M.Phil and PhD level.

Research

- The department will focus on the action research components of the Centre of Excellence on Early Childhood Education such as capacity building of Anganwadi Workers and ICDS functionaries, Brain stimulation, early identification, parenting in early childhood and so on.
- As counselling constitutes one of the specializations in PG and M.Phil Programmes of the Department, the Department plans to strengthen research and practice in counseling in the areas of health and wellbeing, transgender mental health, adolescence issues, premarital and marital counselling and geriatric mental health.
- Emerging issues such as psychological implications of Citizenship Rights policy, current legal provisions in Section 375 of IPC, Section 497 etc.
- Innovation in treatment and intervention strategies in clinical setting is another area of research that the Department would like to contribute.
- A journal on early childhood development and related areas is in the pipeline along with a Newsletter for sharing information / articles with ICDS functionaries.
- Regular research group interaction to discuss current research areas as well as presentation of research work.

Collaborations

- Collaborate with Centre for Learning Resources, Pune, for early childhood parenting project learning from the best practices of their ongoing project in Chhattisgarh villages
- Collaborate with various organizations CYSD, BBSR, NISWASS, BBSR, KISS, BBSR, Indian Oil, Open Learning Systems, BBSR, Grassroots India, Cuttack, Future Group etc for three months mandatory internship of post Graduate students
- Collaborate with various hospitals in Bhubaneswar for internship as counsellors

Centres of Excellence

- At present, the Centre of Excellence on Early Childhood Education is continuing in partnership with UNICEF, Odisha. The Radhanath Rath Centre for Early Education, formerly DARCEE, was prototyped according as per the latest

research findings in the domain. Assessment and activities will be revised for strengthening the pre-schoolers' ability to profit from primary education. The first floor of this building will be utilized for creating a Resource Centre for materials pertaining to early childhood development and education. A website pertaining to the activities of the centre will be designed to enhance the visibility of the activities undertaken.

Extension activities

- The Department plans to undertake capacity building and stress management of counsellors and caregivers of mentally challenged persons at different organizations.
- Prepare checklist for early detection of signs and symptoms of Depression, Suicide and other mental health related issues.
- Carry out a need analysis of mental health professionals in hospitals, educational institutions, destitute homes, child care institutions, old age homes.

Department of Public Administration

A brief profile of the Department of Public Administration

The Department of Public Administration housed at Utkal University is the first of its kind in the State. The Department was established in 1996 in response to complex developments in Public Administration and the demand for Applied Research in Public Policy and Governance. The focus of this Department is to impart knowledge to the students on various dimensions on Public Administration, changing paradigm shifts in administration and exogenous challenges to it. The Department is committed to impart high quality teaching and work towards developing as a centre of excellence in higher education with focus on innovative teaching- learning, research, consultancy along with extension activities in developing productive members of the civil society. As an applied discipline it aims to focus on empirical research on Public Policy and Governance. The Department publishes an Annual Journal titled 'Public Administration Review' since 1992 (*utkalpar.com*). The multidisciplinary focus of the subject itself has inspired the Department to explore and engage in issues and challenges in implementing good governance reforms and policy efficacy.

The Department has initiated documentation of best good governance practices of different states of India. In the honour of late Prof. Bijoyini Mahanty, one of the founder members, the Department has instituted a Memorial Lecture and the annual Memorial Lecture is organized on 16th September, the death anniversary of late Prof . Mahanty.

Faculty

Professor – Dr.Swarnamayee Tripathy (Head)

Associate Professor- Dr. Padmalaya Mahapatra

Assistant Professor- Dr. Jyotirmayee Tudu

Programmes Offered and Student Strength Sanctioned

- M.A. in Public Administration [32 students per batch]
- M.A. in Journalism and Mass Communication (JMC) since 2007 (Self Financing Course) [40 students per batch]
- M.Phil, Ph.D in Public Administration [As per vacancy]
- Ph.D (JMC) since 2012 [As per vacancy]

Thrust Areas of Research

- Public Policy and Governance
- Environment

- Gender and Development Issues

Ongoing Projects / Research

| Project Title | Funding agency | Principal Investigator |
|--|--|----------------------------|
| Maternity Benefits to Women in organized sector: A comparative study of women in public and private sector higher education institution of Odisha, | National Commission for Women, New Delhi | Prof. Swarnamayee Tripathy |

Achievements

v. Seminars/Symposia/Conferences/Lectures etc

- The Department has organised a Youth Festival on Women and Violence in collaboration with OXFAM India in Jan 2018
- National Seminar on Media and Society was organised on 7th April 2018 in the University
- The Department also organised a National Seminar on Governance of Public Service Delivery: Issues and Challenges sponsored by ICSSR on 14th & 15th April 2018
- The 'Bijoyini Mohanty Memorial Lecture' was hosted on 16 September, 2018 and Prof. Amita Singh, Centre for Law & Governance, Jawaharlal Nehru University delivered her lecture on the occasion
- Seminar on 'Post-positivist Research Methodology in Social Sciences' was organised by the Department and Prof. Anup Das, Director, NABARD spoke on the occasion
- The Department observed the National Press Day on 16th Nov. 2018 and Dr. Pradeep Nayak, GM, OSDMA was the Chief Speaker on the occasion
- A Lecture by Shri Satya Narayan Sahu, Jt Secretary, Rajya Sabha Secretariat on 'Nature of Indian State' was organised by the Department of Public Administration

b. NET/JRF

- About 9 students qualified NET and one student bagged JRF during the year 2018

j. Field Tours / visits if any

- i. Masters Students of Public Administration conducted a field Survey on People's perception of Odisha Right to Public Service Act, 2012 and sensitized the people of Panchayats surrounding the city of Bhubaneswar in April 2018

- ii. Masters Students were taken to Pathani Samanta Planetarium on an exposure visit
- iii. Masters students in Journalism were taken on a study tour to ODIART museum, Barkul, Chilika
- iv. Masters students in Journalism were taken on a study tour to Ratnagiri & Udayagiri



d. Consolidated list of Publication by faculties for the year 2018

The Department has published 9 Research Papers in various peer reviewed journals.

Department Facilities

The Department of Public Administration has a well-stocked Library with more than 1000 books, journals and other publications. The library has two separate sections for storage of books as well as a reading room for the students. The Department also houses a separate seminar library for Journalism Students with more over a thousand books and other reading materials. The Students have access to a Computer lab with internet facility during the day and they can walk in anytime between 8 a.m. to 5 p.m. The Department has a unique platform the Wall Magazine for dissemination of information where students get the working experience of editing the content as well as deal with news and information.



Students from the Department participated in Cricket Tournament organized in the University.

Road Map

- The Department aims at developing Policy Briefs
- Documenting Best Practices in Governance concerning Disaster Management and Local Self Governance

Department of Sanskrit

A brief profile of the Department

Established in 1957, the Department of Sanskrit is one of the oldest in Utkal University. The objective of the Department is to impart quality education in the field of Sanskrit. Way back in 2007, the Department of Sanskrit has already celebrated its Golden Jubilee.

A renowned grammarian and a prominent scholar in Pali and Chinese Language Late Prof. Prahlad Pradhan, was the first Professor and Head of the Department. Prof Pradhan has contributed significantly in his area of expertise and besides being the first Vice-Chancellor of Shri Jagannath Sanskrit University, Puri. Successively, many Professors of the Department have taken responsibilities as Chancellor and Vice-Chancellors of different Universities of Odisha and other states. Many Faculties members have been awarded with prestigious President's award, Academic awards for teaching excellence and *Shastrachudamani Sammana* in appreciation of their dedicated service to Sanskrit learning and research. Taking the challenges of modern society, the Department has produced many Scholars holding significant positions in different institutions in India and abroad.



Currently, the Department of Sanskrit offers M.A (with Specialization in Veda, Literature, Grammar, Philosophy and Purana), M. Phil, Ph. D, D. Litt and a Six Months Certificate Course in Sanskrit. From the academic year 2019-20, the Department of Hindi is also functioning under Sanskrit Department. The Department has regularly updated its syllabus to keep abreast with the latest requirement and meet the challenges of changing times. The Department of Sanskrit introduced semester system in 2000 and Choice Based Credit System was introduced in 2013.

Since 1998 the Department is offering P. G. Diploma in Yoga Therapy (PGDYT) as a UGC innovative programme and a Master Degree in Human Consciousness and Yogic Science

(MDHCYS) is being offered as a self- financing course. The Department also provides special Net and other competitive Examination oriented coaching.

Faculty

Reader – Dr. Manoranjan Senapaty (Head) and Dr. Braja Sundar Mishra

Associate Professor - Dr. Subash Chandra Dash

Assistant Professor – Dr Niranjan Sabar and Sri Dharmendra Das

Programmes Offered and Student Strength Sanctioned

- M.A. in Sanskrit [64 students per batch]
- M.Phil in Sanskrit [10 students per batch]
- Ph.D in Sanskrit [As per vacancy]
- Six months Certificate Course in Sanskrit

Thrust Areas of Research

- Research, Editing and Publication of Unpublished Manuscripts
- Study of Scientific Literature in Sanskrit
- Creative Writings in Sanskrit

Ongoing Projects / Research

Achievements

v. Seminars/Symposia/Conferences/Lectures etc

- The Department organised a Special Lecture on "Arthasastre Karavyavastha" on 22nd February 2018 and Prof. B. K. Swain, Head, Dept of Dharmasastra, SJSV, Puri delivered his Lecture on the occasion
- An Academic Audit of Department of Sanskrit was conducted by Prof. Soumendra Mohan Patnaik, Vice Chancellor & Prof. K.K. Basa, Director IQAC on 22 march 2018
- The Department Celebrated Teacher's Day on 5 September 2018
- Sanskrit Day was observed on 18th September 2018 and a Poet's Conference was organised by the Department to mark the occasion
- On the occasion of Gandhi Jayanti the students of the Department of Sanskrit undertook cleaning of the University Campus on 2nd Oct 2018
- To celebrate Platinum jubilee a two days literary and cultural festival was organized by Utkal University in association with Department of Odia, English & Sanskrit at MKCG Auditorium.

- Prof. D.P. Mishra, IIT, Kanpur delivered a Special Lecture on “Re-invigoration of Mother India”, 8th December 2019

b. NET/JRF

- vi. About 5 students qualified NET and one student bagged JRF during the year 2018

k. Field Tours / visits if any

The Department of Sanskrit jointly organised students enriching Programme and Field Study visit with Inter University Students Colloquium with SCSVMV, Kanchipram & Utkal University. This included a study tour to South India from 9th to 18th January 2018

d. Consolidated list of Publication by faculties for the year

- vii. The Department faculties have contributed to publication of 6 books and published 19 Research Papers in various peer reviewed journals.

Department Facilities

The Department of Sanskrit has a well-stocked Library with about 5000 books, journals and other publications. The Students have access to a Computer with internet facility during the day and using the library anytime between during the day. The Department three well-furnished classrooms and a conference room with updated ICT facility.

Road Map

- Transform the Department into a Centre of SAP/ DRS
- Establish a Language Lab
- Establish a National Institute of Oriental Research
- Collaborate with National & International institutions and individuals
- Organise All India Oriental Sanskrit Conference
- Develop a Manuscript Resource Centre
- Study on Manuscripts and encourage Creative Writing
- Study & Research on Scientific Literature in Sanskrit
- Yoga Teaching & Practice

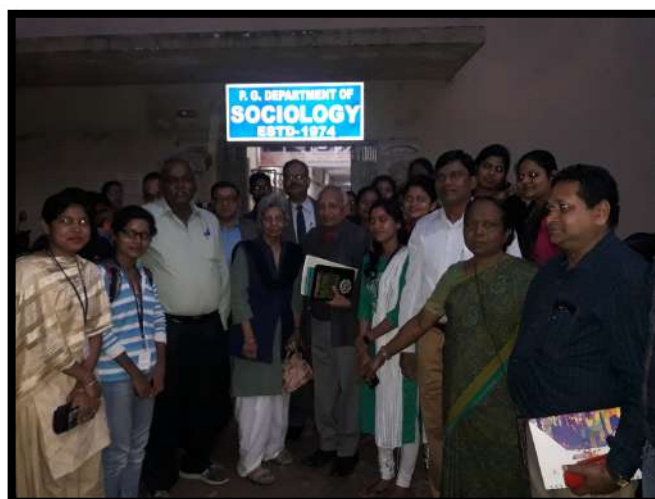
Department of Sociology

A brief profile of the Department of Sociology

The Department of Sociology is the first Sociology P.G. Department in the state of Odisha. In 1970, Utkal University introduced Sociology as a Master Degree Programme with the nomenclature of Sociology and Labour Welfare. Four years later, in 1974, it established an independent Department for Sociology with a Master Degree programme.

The Department initiated the M.Phil in 1988 and pre PhD course work in 2011. The Platinum Jubilee Lecture was organised in 2018 and senior Prof R. K. Jain from J.N.U delivered his lecture on the occasion. In almost the last 5 decades of its existence, the Department has produced excellent academic and non-academic luminaries including Vice Chancellor, Padmashree Awardee, World class academicians, film director, M.P, IAS, IPS, Allied Civil Services personnel, OFS, OAS, experts in development sector contributing through NGOs, entrepreneurs, artists, social workers, politicians and so on.

At present the department runs three regular programmes such as MA, M.Phil and pre PhD course work in Sociology. The department updates its course curriculum from time to time keeping in view the market needs, feedback of the out-going



Platinum Jubilee Invited lecture organised in 2018

students, UGC prescribed curriculum and syllabus prescribed by UPSC and OPSC. There are two open electives i.e. Sociology of Gender and Applied Research Methodology. The department has introduced three unique papers such as Sociology of Environment and Climate Change, Sociology of Displacement, Rehabilitation & Resettlement and Voluntary Sector Studies for the students keeping in view the market demands and employability prospects.

At the M.Phil level, the Sociology of Development and Women's Studies as optional papers link the postgraduate students to pursue their research on contemporary development and gender issues and challenges.

Most importantly the Department had a successful history of running self-financing courses i.e. P.G. Diploma in Rural Development and Master in Rural Development from 2002 to

2013. Now the faculty members are actively contributing to the new venture of academic activities of World Bank, MBA in Rural Management and Social Work programmes in the Utkal University's Rural Campus at Chandikhole and the Global Centre of Rural studies under RUSA-II as Course Coordinators and Associate Coordinators.

The Department has completed and taken up several projects in the current decade sponsored by CRY (Kolkata), Bal Rakshya Bharat, UNICEF & Government of Odisha, European Union Community Fund and coordinated by Save the Children, World Conference on Existential Harmony; Oxfam, India sponsored Project coordinated by Sikshasandhan, and Forest Fire Crisis Project, Government of Odisha.

Faculty

Professors - Prof. Navaneeta Rath and Prof. M.G.Bage

Reader - Dr. Rabindra Garada

Assistant Professors - Dr. Tanaya Mohanty and Ms Sasmita Soren

Programmes Offered and Student Strength Sanctioned

M.A in Sociology [48 seats]

M.Phil in Sociology [10 seats]

Ph.D in Sociology

Thrust Areas of Research

- Sociology of Environment and Climate Change
- Voluntary Sector studies
- Sociology of Development Induced Displacement and Rehabilitation
- Sociology of Tribe
- Sociology of Social Movements
- Corporate and Community Studies
- Sociology of Gender and Sexuality
- Sociology of Education
- Sociology of Health and Gerontology

Ongoing Projects / Research

| Project Title | Funding agency | Principal Investigator | Period |
|---|----------------|------------------------|--------|
| Impact Assessment of the CSR Interventions at ASSVM, Kendujiani | ONGC | Prof. Navaneeta Rath | 2018 |

| | | | |
|--|--------------------------------------|----------------------|------|
| Action Project on Gender Budgeting | Ministry of WCD, Government of India | Prof. Navaneeta Rath | 2018 |
| Socio-economic Impact Assessment (SIA) of CSR Projects Implemented by NALCO Foundation | NALCO Foundation | Prof. Navaneeta Rath | 2018 |

Achievements

a. Seminars/Symposia/Conferences/Lectures etc

1. A Two-Day Workshop on Curriculum Design and Development for Rural Management organised on 11th-12th April, 2018 in the P.G. Department of Sociology funded by National Council of Rural Institutes, Hyderabad, under the flagship program

Mahatma Gandhi
Prabandh
Grameen Vidya
Abhiyaan
(Ministry of
Human Resource
Development,
MHRD, Govt. of
India).



Workshop on Curriculum Design and Development for Rural Management

2. Utkal University
Platinum Jubilee
Lecture titled

“Text and Context:

Exploring the Contours of Polyglot Social Science in India” on 5th December, 2018 delivered by Prof. Ravindra K.Jain formerly dean, School of Social sciences, Jawaharlal Nehru University, Nehru Follow, Govt. of India.

3. Extra Mural Lecture on Social Networking and Gender empowerment was delivered by Dr. C. Aruna, Pondicherry University on 13th August 2018.

b. NET/JRF

- About 6 students qualified NET and 4 for JRF during the year 2018.

1. Field Tours / visits if any

Sociology students as a partner of the ONGC sponsored national project “Project Puchki” had taken training at the National Training Camp at Puduchery, Tamilnadu

on behavioural changes among school going children in rural areas regarding environmental sustainability, menstruation hygiene management, water and soil conservation, eliminating plastic pollution, etc. They had field study in Odisha and submitted the Project Puchki in 2018.

d. Consolidated list of Publication by faculties for the year 2018

1. **Rath Navaneeta** and Pandey Annapurna(2018)The Role of Non State Actors in Ensuring Indigenous Right to Education in an Era of Neo liberalism: an Experiential Account from India, Abya Yala, Revista Sobre Acesso À Justiça E Direitos Nas Américas,V.2, N.1, Dossier, BRASÍLIA, ISSN 2526-6675
2. Mohapatra, Umakanta and **Rath, Navaneeta** (2018) Voluntarism in Odisha: The Indigenous And Exogenous Traits International Journal of Recent Scientific Research Vol. 9, Issue, 2(G), pp. 24265-24272. IJRSR, ISSN: 0976-303 pp24265-24271
3. Mohapatra Umakanta, Sucheta Priyabadini and **Rath Navneeta** (2018) Genesis of Voluntarism in Odisha: A Socio-Archaic Trace, **The Eastern Anthropologist**,Vol.71:1-2 Ethnographic and Folk Culture Society, ISSN: 0012-8686, pp209-233 Impact factor,0175
4. S.Ray& **Rabindra Garada** (2018) Boat Automation and Fishery Livelihood: A Case of Chilika Lake in Odisha,Environment, Development and Sustainability, Vol. 20,5, pp. 2399-2414, **SPRINGER, Publication Netherlands**, ISSN: 1387585X, ISSN: 1573-2975 ,Impact Factor-1.676.
5. **Rabindra Garada** (2018)Mining caused land acquisition and livelihood displacement: A case of opencast coal mining project at Talcher Coalfield, Odisha,International Journal of Applied Social Science, Vol.5, Issue-5, pp. 518-533,Shiv Shiksha Sadan Samiti (Regd.) (U.P.) India, ISSN: 23941405, Impact Factor-1.543 (GIF) (UGC listed)
6. **Rath Navaneeta** and Patra, Amita (2018) Gender Divide to Gender Development: A Reflection on the Discourses and the Dilemmas in SIRD published book on Gender and Development, Edu Pedia Publications Pvt. Ltd.
7. **Rath Navaneeta** (2018) Contextualising Feminism in India's Past and Present in Urmimala Das edt. Women Empowerment : Theory and Praxis, ISBN:978-81-934214-68
8. S. Samal & **Rabindra Garada** (2018) Planning and Facilitating Small Group Learning: An Innovative Tool for Supplementing Traditional Teaching” in V. Goswami &R. Jain (ed.) Innovation and Education, ISBN 13: 9789385046049, Studium Press (India) Pvt. Ltd., New Delhi.

Department Facilities

The Department of Sociology has three well- furnished class rooms along with one computer room for students. Besides the Department provides students' access to a well-stocked

Library with about thousands of books, journals, reports and e-documents. For the administrative staff the Department of Sociology provides HoD and faculty rooms, faculty lounge, fully functional office and other facilities.

Road Map

- Develop excellence in academics among students with a focus on innovative teaching, learning and extension activities and promote research and consultancy.
- Up-skill students with field experience based self-learning and extension activities through community linkages to enable them in becoming real change makers.
- Expose students to upcoming issues, develop an in-depth understanding of students regarding various social issues and inculcate in them a sense of commitment to quality, sensitivity for others with the purpose of bringing solutions to problems.
- The department aims to have inclusive learning environment with newer e-learning methods, e-resources and infolibnet access. The department aims to develop well equipped library and computer room and best connected ICT class rooms, research scholar rooms and faculty rooms.

Department of Statistics

A brief profile of the Department of Statistics

In Odisha the foundation for teaching Statistics was laid in 1957 with the establishment of Diploma Course in Statistics under Utkal University. In 1958 the first Post Graduate Department of Statistics was established due to the pioneering efforts made by a well-known mathematician and educationist of the state late Professor Bama Charan Das. Late Dr. Chakradhar Mishra, a brilliant mathematician turned statistician and former Director, Bureau of Statistics, Government of Odisha was equally instrumental taking the Department to newer heights since its inception.

Eminent mathematician trained at Indian Statistical Institute, Kolkata and educated at Australian National University, late Professor Sadhu Charan Das, was the first Head of the Department of Statistics.

Subsequently, Professor J. Sarangi, who had his Ph.D. from University of Alberta, Canada steered the Department to a new stature.

Professor A.K.P.C Swain, late Professor I.S Rao, Professor L.N Sahoo, Professor G. Mishra were the distinguished

faculty primarily responsible for leading the Department to its present status. The Department in its 57-year span of existence has enriched the society by producing very distinguished academicians, researchers, administrators, entrepreneurs and so on.



Department Building

Faculty

Professors: Dr. K.B. Panda

Reader: Dr. P.R. Dash

Assistant Professors: Dr. R.K. Sahoo and Dr. P.K. Swain

Programmes Offered and Student Strength Sanctioned

- M.A./M.Sc. in Statistics (32 seats)
- M.Phil. in Statistics (10 seats)
- Ph.D. in Statistics (06)
- M.Tech. in Information Technology (PPP Mode)

Thrust Areas of Research

- Design and model based sampling
- Econometric & Stochastic models and their analysis
- Inventory management & control
- Demographic models with applications
- Bio Statistics and Survival Analysis

Achievements

Seminars/Symposia/Conferences/Lectures etc

1. National Seminar on Statistics in Research on Trends and Applications was organized by the Dept. of Statistics, Utkal University on 15th April, 2018.
2. National Seminar on Random Matrix Theory and its Applications was organized by Government Autonomous College, Rourkela on 30th and 31st December, 2018.
3. National Seminar on Future India: Science & Technology was jointly organized by ISCA, Bhubaneswar Chapter and KIIT University on 1st and 2nd February, 2019.
4. The Department organised one-day workshop on Python, Android, IOS with Mr. P.K. SINGH, Mr. D.K. SINGH, Mr. D. ROUTH, Mr. R.R. SWAIN as speakers on 24th February 2018
5. A seminar talk was organised on Applications of Statistics in Social Science Research by Dr. U.V. Somayajulu (*President, IASP, CEO of Sigma R. C.*) on 23rd March 2018
6. A National Seminar on Trends & Application of Statistics was organised on 15th April 2018
7. A Rangoli Competition on the of Sunset Evening was organised on 10th April 2018
8. Induction Program for Orientation of Freshers was organised on 6th August 2018
9. Felicitation ceremony was organised in memory of Prof. P. K. Tripathy on 31st August 2018
10. A Seminar Talk on Statistical Quality Control And Reliability Analysis by Prof. S.S. Maiti, Visva Bharati University was organised on 26th September 2018
11. Seminar of Talk Determination of Sample Size by Prof. R.K. Mohanty (Ex-Director, DES, Bhubaneswar) was organised on 06th November 2018
12. Presented a paper entitled “An Event-history Analysis of Women’s Reproductive Spans in Odisha, India” at International Conference on Advances in Statistical Methods and Data Science, University of Madras, Chepauk, Chennai, 20th - 22nd, December 2018

13. Presented a paper entitled “Multistate Markov Modelling for Disease Progression of Breast Cancer Patients Based on CA 15-3 Marker” at National Seminar on Statistics in Research: Trends and Applications, on 15th April, 2018, P.G. Department of Statistics, Utkal University, Vani Vihar, Bhubaneswar.
14. Stochastic Modelling of Progression of Some Chronic Diseases in an Elderly Population, Paper presentation in WB-OHEPEE National Seminar on Statistical Methodology & Data Science, Organised by P.G. Dept. of Statistics, Utkal University on 16 March, 2019.

NET/JRF

- Three students qualified NET/JRF during 2018

Consolidated list of Publication by faculties for the year 2019

1. Weighted Ratio-cum-Product Estimator for Finite Population Mean (2018): International Journal of Scientific Research and Review, Vol.5, Issue-4, pp. 354-358.
2. Efficient Ratio-type Exponential Estimator for Population Variance (2018): International Journal of Scientific Research in Mathematical and Statistical Sciences, Vol.5, Issue-3, pp.129-132.
3. Efficient Product-type Exponential Estimator for Population Variance (2018): International Journal of Scientific Research in Mathematical and Statistical Sciences, Vol. 7 Issue 3, pp.1070-107.
4. Efficient hierarchic multivariate product-based estimator (2018): International journal of scientific research in mathematical and statistical sciences, volume-5, issue-2, pp. 65-69.
5. Efficient Hierarchic Predictive Multivariate Product Estimator based on Harmonic Mean (2018): International Journal of Mathematics Trend and Technology, Volume-56, Number-6, pp. 14-18.
6. The Technique of Multistage Partitioned Ranked Set Sampling for Estimation of the Population Mean (2018) Int. Jour. of Agrl. Stat. Sci., Vol.14, Supplement 1.
7. Efficient Hierarchic Predictive Product Estimator using Harmonic Mean (2018): International Journal of Agricultural and Statistical Sciences, Volume-14, number-2.
8. An Efficient Exponential Ratio-type Estimator in Poststratification using Variable Transformation: Accepted in International Journal of Mathematics and Statistics.
9. Complex Association of Albumin with Other Liver Biomarkers, EC Gastroenterology and Digestive System, Volume 6 Issue 2.
10. P.K. Swain et al., Association Between Area-Level Socio-Economic Status And Hypertension In EAG States of India: An Insight From NFHS-IV 2015-16 (2019), Int. J. Agricult. Stat. Sci, In press

11. P.K. Swain et al., Statistical models for longitudinal zero-inflated count data: Application to Seizure Attacks (2019). African Health Science, In Press
12. Barik R, Swain PK, Barik M. Consanguineous marriage makes congenital heart diseases more complex. Nig J Cardiol, 2018; 15(2)
13. P.K. Swain et al., Determinants of under-five Mortality in Ethiopia: An application of Cox proportional hazard and frailty models. Turkiye Klinikleri J Biostat 2018;10(2), 123-36
14. P.K. Swain et al., High prevalence of Cesarean Section births in private sector health facilities- analysis of district level household survey data- 4 (DLHS-4) of India.(2018), BMC Public Health, 18:613.
15. P. K. Swain et al., Multistate Markov Modelling for Disease Progression of Breast Cancer Patients Based On CA 15-3 Marker. (2018), Thailand Statistician, 16(2).
16. Estimation of Finite Population Variance Using a Family of Exponential Estimators, International Journal of Research and Analytical Reviews (IJRAR), 6(1), 1200-1206.
17. Research Methodology using SPSS, Laxmi Publications.
18. Business Research Methods, Vrinda Publications.

Department Facilities

The Departmental of Statistics has a well-stocked Library with books, journals and other publications. The Students have access to a Computer lab with internet facility open to students any time of the day.

Road Map

- Update computer lab with latest statistical package
- Launch a PG Diploma Course in Actuarial Statistics
- Create a centre for development analysis, monitoring and evaluation

Department of Zoology

A brief profile of the Department of Zoology

The Department of Zoology was established in 1960 at the historic Ravenshaw College (presently Ravenshaw University), Cuttack. Eminent Zoologist and academician Prof. B. K.



Figure 1 National Seminar on Climate Change & Future of animals

Behura was the founder Professor of the Department of Zoology which functioned in Cuttack for over a decade. In 1973, the Department was shifted to the Utkal University Campus at Bhubaneswar and has been imparting scientific teaching and training to the students in various emerging areas of Zoology.

In the meantime, the Department has grown and expanded its scope and performance in more than half a century of its existence. The Department faculties, students and alumni was proud as well as honoured to have celebrated its Golden Jubilee in 2010. Facing all odds and withstanding all the highs and lows during the past years, it has earned many laurels and has built its reputation as qualitative and research oriented teaching Department of Zoology even at the National level. The Department offers regular courses in MSc, MPhil and PhD in Zoology. The faculty and students have continued to contribute towards updating and upgrading the curriculum which has resulted in the Department continuing to receive the DRS (UGC), FIST (DST) and PURSE (DST) status.

Faculty

Professors: Prof. Pravati Kumari Mahapatra

Reader: Dr Gunanidhi Sahoo

Assistant Professors: Dr Sudhansu Sekhar Nishank

Programmes Offered and Student Strength Sanctioned

- M.Sc. in Zoology [32 students per batch]
- M.Phil in Zoology
- Ph.D in Zoology [As per vacancy]

Thrust Areas of Research

- Regeneration in anuran tadpoles,
- Developmental ecology of amphibians and reptiles
- Molecular biology

Ongoing Projects / Research

Project Title: “Genetic diversity in earthworms and its association with their geographic distribution in state of Odisha” funded by SERB (DST), Government of India 2017-2020

Achievements

Seminars/Symposia/Conferences/Lectures etc

- The Department organised 8 extramural lectures which were delivered by eminent researchers
- The Department of Zoology



Utkal University Zoology Alumni Association annual meet

organized the 15th Utkal University Zoology Alumni Association (UUZAA) annual meet on 4th February 2018

- Science Academies lecture Workshop on Recent Innovations in Cell Science” was organised by the Department during 23rd and 24th February, 2018.
- Human Resource Development Centre, Utkal University sponsored Refresher course on “Perspectives ion Biosciences” was organized for the University and College teachers from 21st August to 10th September 2018.
- A National Seminar on “Climate Change and Future of Animals” was organised by the Department in collaboration with Zoological Society of Orissa and Prana Nath Autonomous College at Khurda during 22nd to 23rd December, 2018.

NET/JRF

- About 19 students qualified NET/JRF and one student bagged the Science Academies Summer Fellowship during the year 2018

Field Tours / visits if any

- The Students of Zoology Department went to ZSI, National Institute of Tribal Research, ICMR Jabalpur, Madhya Pradesh to study the Ecology of Narmada river in and around Jabalpur during 11th to 17th March, 2018

Consolidated list of Publication by faculties for the year

- Hota Jutshina, Pati Sushri Sangita and Mahapatra Pravati Kumari (2018) Spinal cord self-repair during tail regeneration in *Polypedates maculatus* and putative role of FGF1 as a neurotrophic factor. *Journal of Chemical Neuroanatomy*, 88:70-75
- Neha Gupta and Pravati Kumari Mahapatra (2018) Study of cell proliferation during early phase of limb regeneration in the tadpoles of Indian tree frog, *Pranikee* - *Journal of Zoological Society of Orissa*, 30:29-38
- Asrafuzzaman, S., S. Mahapatra, J. Rout and G. Sahoo (2018) Dietary assessment of five species of anuran tadpoles from northern Odisha, *Journal of Threatened Taxa*, 10 (1): 12382-12388.
- Panda, S. K., L. Padhi, and G. Sahoo (2018) Oral bacterial flora of Indian cobra (*Naja naja*) and their antibiotic susceptibilities. *Heliyon*, 4: e01008. Doi 10.1016/j.heliyon 2018 e01008.
- Rout Jasmin, Subhasish Prusty and Gunanidhi Sahoo (2018) Assessing feeding habits of tadpoles of common Asian toad *Duttaphrynus melanostictus*, *Pranikee* - *Journal of Zoological Society of Orissa* 30: 47-57.
- Panda, S. K., G. Sahoo and A. K. Bastia (2018): Tribal indigenous beverage “Handia”: its process characteristics and medicinal value. *Tribal Health: A Regional Perspective*, (ed.) L. K. Sahu, Serial Publications Pvt. Ltd, New Delhi, ISBN: 978-93-86611-11-6. Pp. 232 – 250. (Book chapter).
- Harshita Swain, Ranjan Sahu and Sudhansu Sekhar Nishank (2018) Applications of SDS-PAGE in differentiation of earthworm genera, *Pranikee: Journal Zoological Society of Orissa*, 30: 39 - 46.

Department Facilities

The Departmental of Zoology has a well-stocked Library with more than 3000 books, journals and other publications. The Students manage the library and it remains accessible 24x7 for reference and reading materials. The Students have access to a Computer lab with

internet facility open to students any time of the day. The Department has a Lecture theatre with state of Art ICT facilities along with two Students Labs and three Research Labs. The Department of Zoology has a state of the art Lab infrastructure having UV-VIS Spectrophotometer, HPLC, Thermal Cycler, Real Time PCR, Gel Doc, Fluorescent Microscope, Deep Freezer (-20°C), Stereo microscope with camera attachment, BOD incubator, Laminar air flow, floor standing Refrigerated Centrifuge, ELISA Reader, Refrigerated Table Top Centrifuge and Water bath with thermostat

Road Map

- Enrichment of the museum with a corner on “**Fishes of Chilika**”
- Workshop on “**Faunal diversity of Eastern Ghats**” in collaboration with ZSI, Kolkata

Post Graduate Hostels

About the hostels

Utkal University has 12 hostels within its lush campus, to ensure its students comfortable residential facilities. There are six hostels for women and an equal number for men. All hostel has facilities including a common room for the residential students who can access newspapers, periodicals, television and so on to relax and unwind. The hostels also provide common mess facilities that provide subsidise meals to the residential students.

Hostels (Gents)

| Sl No | Hostel (Gents) | Superintendent and Assistant Superintendent |
|-------|---|---|
| 1 | Gopobandhu Chhatrabas (G.H.No.I) | Dr. M. Senapati (Dept of Sanskrit), Dr. N. Sabar (Dept of Sanskrit), Dr. A.C. Pathy (Dept of Geography) |
| 2 | Madhusudhan Chhatrabas (GH.No.II) | Dr. J Dinda (Dept of Chemistry), Dr S. Majhi (Dept of Biotech), Dr R. N. Mohapatra (Dept of Odia) |
| 3 | Fakir Mohan Chhatrabas (G.H. No III) | Dr B.K. Sundaray Dept of PMIR), Dr M. Mallik (Dept of Philosophy) |
| 4 | Godavaris Chhatrabas (G.H. No IV) | Dr Gunanidhi Sahoo (dept of Zoology), Dr. K.C. Das (Dept of PMIR) |
| 5 | Nilakantha Chhatrabas M.Phil and Research Scholar (G.H. No V) | Dr Satyanarayan Pal (Dept of Chemistry), Mr. Subrat Ku. Nayak (Dept of Anthropology) |
| 6 | Acharya Harihar Chhatrabas (G.H. No IV) | Dr B.S. Mishra (Dept of Sanskrit), Dr. Sabyasachi Das (Dept of IMBA) |

Hostels (Ladies)

| Sl No | Hostel (Gents) | Superintendent and Assistant Superintendent |
|-------|--------------------------------------|---|
| 1 | Kuntala Kumari Chhatrabas (L.H.No.I) | Dr. Bhabatarani Panda (Dept of Botany), Ms. Sunanda Pattnaik (Dept of Psychology) |

| | | |
|---|--------------------------------------|---|
| 2 | Ramadevi Chhatrabas (L.H.No.II) | Dr. Anasuya Nath (Dept of Mathematics), Dr S. Deepika (Dept of English) |
| 3 | Sarala Devi Chhatrabas (L.H. No III) | Dr Jyotsnarani Pradhan (Dept of History), Dr Kavita Das (Dept of Philoshopy) |
| 4 | Malatidevi Chhatrabas (L.H. No IV) | Dr Priyanka Khurana (Dept of Anthropology), Dr. Swyam P. Mishra (Dept of A&A Economics) |
| 5 | L.H. No V | Dr Manjusmita Das (Dept of IMBA), Dr. P. Mohapatra (Dept of Philoshopy) |
| 6 | L.H. No VII | Dr Rashmita Sahoo (Dept of Botany), Dr. B. Kullu and Ms Sasmita Soren (Dept of Sociology) |

Centre for Study of Social Exclusion and Inclusive Policy (CSSEIP)

A brief profile of the Department

The Centre for Study Social Exclusion and Inclusive Policy was established in Utkal University in February 2008 as a part of the UGC scheme to establish such centers all across the country facilitating a deeper understanding of the multiple spheres in society that eventually result in the inability of the socially and economically marginalised groups from participating in the basic social, political, economic and social functioning of the society.

Since its inception, the CSSEIP has been organising several workshops, conferences, seminars and extramural lectures on very relevant and integral issues of national and international importance pertaining to social exclusion and inclusive policies and related concerns. Apart from various academic discourses, the Centre, in the past few years has also organised Spoken English classes, NET coaching programs, Research Scholar's Conclave, Research Methodology classes etc. for students from the socially deprived sections. Important days of national relevance are also observed meticulously by the Centre every year like the Gandhi Jayanti and Ambedkar Jayanti with a view to disseminate and spread information about the relevance of their ideas and values. Besides, the Centre has also sponsored several individual faculty projects resulting in quality publications in several reputed journals and magazines including Mainstream, The Fourth World, Seminar and so on.

The Centre has also successfully guided the completion of Ph.D. and M.Phil courses with one scholar awarded Ph.D. degree and nearly 6 scholars awarded M.Phil Degrees in the last 10 years. One scholar pursuing Ph.D. and one is pursuing M.Phil course presently.

Facilities in the Department

The Centre is well equipped with Computer Lab with one laptop and three desktops, two printers, one Xerox machine. It also has a well stocked Departmental Library with 955 books.

Programmes Offered

M.Phil. and Ph.D. courses

Faculty

Professors: Basanta Kumar Mallik, Director, CSSEIP

Assistant Professors - Ramesh Chandra Mallik, Asst. Director, CSSEIP

Jyotirmayee Tudu, Asst. Director, CSSEIP

Swapna S Prabhu, Asst. Director, CSSEIP

Thrust Areas of Research

Caste system in India, minorities and social exclusion, disability and social exclusion, marginalization and scheduled tribes, poverty and public policy, gender studies, linguistic minorities and exclusion; Language, culture and society of medieval Orissa.

Ongoing Projects / Research

1. ICSSR sponsored project on “Educational status of the Scheduled Castes in Odisha: Attainments and Challenges” by Prof. B. K. Mallik.
2. ICSSR Major Research Project in collaboration with CSSEIP, Utkal University by Dr. Ramesh Chandra Malik on “Situating language, culture n society of medieval Orissa: A study of Sarala Mahabharata” (2019-2021).

Achievements

1. Celebrated Gandhi Jayanti to mark the 150th Birth Anniversary of the Father of our Nation, Mahatma Gandhi on October 2, 2018 and a talk was organised on a topic titled “Gandhi and the Inclusive Programs in India”.
2. The Centre had organised a one day National Seminar on “Exploring the Margins: Opportunities, Possibilities and Challenges” on November 26, 2018 to observe the Constitution Day.

Papers Published by Faculties

Prof. B.K. Mallik

1. Contribution of Sarala Dasa to the Emergence of ‘Oriya Identity’ and its ‘Localization’, in Hermann Kulke & Georg Berkemer (eds.) Centre Out There? Manohar, New Delhi, 2011.
2. Paradigms of Dissent and Protest: Social Movements in Eastern India (circa 1400- 1700 AD), Manohar, New Delhi, 2004. (Authored Book)
3. Cultural and Social Radicalism in Medieval Orissa, Economic and Political Weekly, Vol. XLVI, No 17, Mumbai, 2011.
4. Ambedkar and the New Social Order, The Political Science Journal, Vol.II, pp.16-21, 2007.

Road Map

The Centre for Study of Social Exclusion and Inclusive Policy (CSSEIP) intends to build an egalitarian society in Odisha by adopting innovative teaching learning methods especially targeted towards the weaker sections of the society through dynamic and inclusive modes of quality education and research. Odisha has a rich and long chequered history of preserving

its cultural diversity including various tribes, languages and religious communities while promoting communal harmony at all levels of its social progress. To further strengthen this social fabric of the state, the Centre aspires to establish networking with various civil society groups including the SHGs and the local Media groups to conduct training workshops for the students and research scholars hailing from marginalized sections of the society and to subsequently provide them with internship opportunities leading to better employment avenues for them. Besides, the Centre also visualizes establishing a language lab to intensively and critically study the tribal languages in the state emphasizing mainly on their role, relevance and sustainability in the contemporary times. Adopting an inclusive approach to its programs and activities, the Centre aims to transmit the rich socio-cultural values of the state to all sections of the society by developing coordination with the NSS and Youth wings of the state.

Sponsored Courses

Five years Integrated MCA

A brief profile of the Course

The 5 years Integrated MCA course began in 1999 as a self financed course. It is functioning under the Department of Computer Sc. & Applications. The course is based on semester system. The program is spanned over a period of 5 years consisting of ten semesters. The objective of the course is to catch the young talents after the +2/ Diploma level and provide them with a balanced mixture of theoretical and professional training in Computer Science and Applications. On successful completion of the course, the students may take up either a professional career in the Software Technology or may pursue an academic career for further study and research in the field of computer Science and Technology.

Facilities available

The 5 year integrated MCA course has its own building. It has a well-stocked library with 4928 books.

Seats and Eligibility Criteria

The number of seats in the 5- year Integrated MCA programme is 60. The seats are filled up as per the merit list of the entrance examination.

The candidates must have passed +2 Examination of CHSE, Odisha or equivalent examinations having Mathematics/ Statistics/Business Mathematics with at least 50 % marks in aggregate (45 % marks for SC/ST candidates) or Three year diploma in engineering examination conducted by the State Council of Technical Education & Training with at least 50 % marks in aggregate (45 % marks for SC/ST candidates).

Course Fee

The total course fee for the course is Rs. 1, 50,000/- (Rupees One Lakh Fifty Thousands only) which is paid in five installments.

Faculty Details:

Course Coordinator - Dr. Mrutyunjaya Panda

Associate Course Coordinator - Mr. Biswojit Nayak

| Name of the | Designation | Highest Qual. | Specialization |
|-------------|-------------|---------------|----------------|
|-------------|-------------|---------------|----------------|

| Teacher | | | |
|----------------------|------------------------|----------------------------|---|
| Stitapragyan Mohanty | Lecturer (Contractual) | M.Tech Ph.D. Continuing | Programming Languages, OS, DBMS, Computer Networks, Distributed System, WSN, Cloud Computing, IoT |
| Aliva Priyadarsini | Lecturer (Contractual) | M.Tech Ph.D. Continuing | |
| Pranati Satapathy | Lecturer (Contractual) | M.Tech Ph.D. Continuing | |
| Rasmita Padhi | Lecturer (Contractual) | M.Tech Ph.D. Continuing | |

Non-teaching staff member:

| Name of the Staff | Designation |
|-------------------|------------------|
| B.Mohapatra | AO |
| D. Khuntia | Office Asst |
| Ms. M.Rout | Library Asst |
| Mrs. P.Khuntia | Library Asst |
| S.Mohapatra | Lab Asst |
| S. Dash | Lab Asst |
| Mrs. M. Behera | Clerk cum Typist |
| S.Panda | Peon |
| P.K.Rout | Peon |
| P.K.Mishra | Lab Attendedant |
| K. Mallick | Lab Atterndant |
| P.K.Raj | Sweeper |

| | |
|---------|---------------|
| H Jena | Watchman, day |
| B Nayak | Gardener |

Student Profile (enrolled):

| 2018-19 | Total strength | Men | Women | Total | SC Men | SC Women | Total SC | ST Men | ST Women | Total ST |
|---------|----------------|-----|-------|-------|--------|----------|----------|--------|----------|----------|
| 1st yr | 60 | 32 | 28 | 60 | 02 | 01 | 03 | 01 | 0 | 01 |

Achievement

Students are being placed in reputed IT Industries, MNC and Banking Sector etc. Some students are also being admitted for their higher study at institute like NIT and IIT etc.

List of Publication by Faculties

Stitapragyan Mohanty

S.P Nayak, Stitapragyan Mohanty, S.K Pradhan, “An optimal Clustering algorithm for Wireless Sensor Network”, ICSPC, IEEE Conference on Signal Processing and Communication, PP.462-466

Pranati Satapathy

Paper Publication in International Journal

S. Hota, D. Mishra, P. Satapathy, “A Survey on Net Asset value Prediction using Artificial Neural network and its Variants”, International Journal of Engineering & Technology, Vol. 7, No. 4, pp 4496-4498, 2018. (SCOPUS Indexed)

Paper Publication in International Conferences

S. Hota, S.P. Pati, P. Satapathy, D. Mishra, “Net asset Value Prediction using Extreme learning machine with Dolphin Swarm Algorithm”, In: 2nd IEEE International Conference on Data Science and Business Analytics (ICDBSA), pp. 13-18, 2018.

B. K.Gupta, S.K.Jena, P. Satapathy, “Energy Cognizant Broadcasting in Wireless Network”, In: 2nd IEEE International Conference on Data Science and Business Analytics (ICDBSA), pp. 226-230, 2018.

Road Map for Future

- The Department plans to organize more workshop and seminars on recent trends in Computer Science.
- The Department also aims to set-up incubation centre.

M. Tech (Computer Science), Department of Mathematics

A brief profile of M. Tech (Computer Science)

The Department of Mathematics, initiated M Tech in Computer Science as a self-financing course in 1999. The course runs with visiting faculties.

Faculty

Head of the Department: Prof. Namita Das

Course Coordinator: Prof. Namita Das

Associate Course Coordinator: Dr. Anasuya Nath

List of Guest Faculty engaged:

- Prof. B.S. Panda, Professor, IIT, Delhi
- Prof. Asish Ghosh, ISI, Kolkatta
- Prof. B.K. Nayak, Retd. Professor , Utkal University
- Prof. S. Padhy, Retd. Professor, Utkal University
- Prof. B. Sahoo, KIIT, BBSR
- Prof. N.Das, Utkal University
- Dr. A. Nath, Utkal University
- Dr. Satyananda Champatiray, Ph. D. Silicon Inst. of Tech.
- Dr. Rabindra Kumar Dalai, Ph. D. Silicon Inst. of Tech.
- Dr. Debasish Hati, Ph. D. GEC, BBSR
- Shree Ashok Kumar Panda, M.Tech. IISIT, Bhubaneswar
- Dr. Ajay Kumar Tripathy, Silicon
- Dr. Debasish Hati, KIIT
- Dr. Umasankar Das, Silicon
- Er. Swapna Kumar Naik, Utkal University
- Dr. Satyaranjan Biswal, Silicon
- Dr. Pandab Pradhan, Gita
- Mr. Tophan Kumar Jena, Gita
- Mrs. Chinmayee Pati, CET
- Mrs. Chandralekha Rath, KIIT

Programmes Offered and Student Strength Sanctioned

- M.Tech Computer Science [30 students per batch]

Achievements

Seminars/Symposia/Conferences/Lectures etc

The Students lead seminars are organised regularly to encourage an environment of sharing and leaning. Apart from that there are other activities including group discussions, quizzes and so on which is organised regularly for student's development. Students were also advised to attend various Seminars, Webinars and Lectures organized by Utkal University and different organizations.

Students qualifying National level tests (2018):

S. K. Safaruddin (GATE)

Department Facilities

The Departmental of Mathematics has a well-stocked Library with more than 10000 on Mathematics and Computer Science books, journals and other publications supported by NBHM. The Department also procures books from the M.Tech funds. Students of M.Tech Mathematics and Computer Science also access the photocopying and scanning facilities of Department of Mathematics.

The Students manage the library and it remains accessible 24x7 for reference and reading materials. The Students have access to a Computer lab with internet facility open to them any time of the day, besides classrooms with ICT facilities. The Department of Physics has state of the art Advanced Material Research Laboratories, Micro-Raman spectroscopy Laboratory besides a Laboratory for Masters in Physics students. The Department regularly organises study tours for students.

Road Map

- Convert M. Tech (Computer Science) department to a regular department with its own infrastructure.
- Recruitment of permanent faculty members and non-teaching staff.
- To procure annual library grant from funding agencies.

Sponsored Course with CIPET

M.Sc. (Tech) Material Science and Engineering, Dept. of Chemistry

The Department of Chemistry, Utkal University, Vani Vihar, Bhubaneswar and Central Institute of Plastics Engineering and Technology (CIPET), Bhubaneswar have been jointly running a 5-year Integrated M.Sc. (Material Science and Engineering) programme since 2010 for the larger benefit of Odisha students. Students are being placed in leading plastic industries and join for Higher Studies in Overseas and India. The programme is running on self-financing mode. Besides M.Sc., the doctoral programme are also undertaken on the subjects of mutual interest. There is provision for sharing the laboratory facilities on payment basis by the research scholars and faculty members of the both the institutions, jointly host conference, workshops, seminars and schools and also for submission of joint project proposal to different funding agencies.

The M.Sc. programme has been enhanced to 40 seats from the session 2017-18. The selection of students is made through CIPET Joint Entrance Examination. The total number of students admitted during the session 2017-18 is 26 and 14 students has been placed in plastic industries located in different parts of India and 06 students have been opted for higher studies.

Further Utkal University offers an array of Sponsored Courses including:

1. 2-Year Executive M.B.A. Dept. of Business Admn.
2. MBA (Financial Management) Department of Commerce
3. 5-Year Integrated M.B.A. Department of Business Administration
4. M. Tech. Computer Science School of Math.-Stat-Computer Sc. (Dept. of Mathematics)
5. M.Sc. Applied Micro-Biology School of Life Science (Dept. of Botany)
6. M.Sc. Environmental Science School of Life Science (Dept. of Botany)
7. M. Pharma University Department of Pharmaceutical Sc.
8. B. Pharma University Department of Pharmaceutical Sc.
9. M.A. in Women Studies School of Women Studies
10. M.Sc. in Computer Science School of Math-Stat-Computer Science (Dept. of CSA)
11. M.Tech. (Computer Science & Department of Computer Science Engineering)
12. Master of Journalism & Department of Pub. Admn. Mass Communication
13. P. G. Diploma in Remote Department of Geography Sensing and GIS

14. M.A. in Hindi Department of Sanskrit
15. Certificate course in Sanskrit Department of Sanskrit
16. B.Ed.
17. M.Ed.
18. Master of Social Work
19. B.Sc. Nursing

Sponsored Courses under PPP Mode

1. MBA (Agri-Business) Dept. of Business Administration
2. M.Tech. in Information Technology Dept. of Statistics

School of Women's Studies

A brief profile of the School of Women's Studies

Established in 1996, The School of Women's Studies (SWS) started its operations in Utkal University. In 1997, SWS started offering a Post Graduate Diploma course in Women's Studies. Subsequently in 1999, SWS received formal recognition as a Center from University Grants Commission (UGC). Since then, it started receiving UGC grant under the Five Year Plans.

Under the able mentorship of Prof Asha Hans who was the Founder Director, The School of Women's Studies was established and took shape. Consecutively for about two decades, SWS has been successfully running the self-financed Post Graduate Degree Course in Women's Studies. SWS has started offering PhD since 2002, Ph.D. enrolment started in the School.

In 2018, the School of Women's Studies signed a MOU with OXFAM to offer training as 'Gender Champion' to the students of the university.

Faculty

Director: Prof. Navaneeta Rath

Guest Lecturers: Dr. K.C.Rath , Associate Professor, P.G. Department of Geography and Dr. Gyanendra Kumar Sahu, Asst. Professor, P.G. Department of Law

(The Director and Course Coordinators are appointed on term basis by the University. They are regular faculties of various Departments posted in the School apart from Assistant Professors and Associate professors from other departments who are engaged to take classes. Besides, the U.G.C. J.R.F scholars, researchers and experts from different fields are also engaged as guest faculties)

Programmes Offered and Student Strength Sanctioned

Post Graduate Degree in Women's Studies (since 2000)

PhD in Women's Studies (since 2002)

Thrust Areas of Research

- Areas having a gender concerns under different situations.
- Specific research around women's issues, women specific programmes and policy interventions.

Ongoing Projects / Research

| Project Title | Funding agency |
|--|----------------|
| Impact Assessment of CSR project in 'Saraswati Shishu Vidya Mandir Kendujani in Mayurbhanj District of Odisha' | ONGC |

Achievements

a. Seminars/Symposia/Conferences/Lectures etc

- A State level programmes was organised by the School of Women's Studies in collaboration with Participatory Research in Asia (PRIA), New Delhi on Youth n Democracy "Democracy in Everyday Life" from 23rd to 24th July 2018
- In collaboration with OXFAM, a State level Youth Festival on 'Violence Against Women' was organised by SWS on 1st December,2018
- A 'Gender Champion Programme' is offered by SWS to sensitise the students of the University on Gender issues.
- Students and scholars represented the department in different forums like workshop on "Gender Work and Social Protection" organised by State Labour Institute and Labour Commissioner, Government of Odisha from 10th to 12th July 2018
- Students represented the SWS in a 5- day training- cum-orientation Programme on Labour and Development organised by Nabakrushna Choudhury Centre for Development Studies (NCDS), Bhubaneswar from 9th to 13th October 2018. The programme was jointly organised by V.V. Giri National Institute and NCDS.
- Three students along with faculties from SWS participated and presented papers at the Indian Association of Women's Studies (IAWS) Eastern Regional Conference in collaboration with National Alliance of Women's Organisation. The conference was organised by Centre for Women's Studies, Rabindrabharati University, Dr. B. R. Ambedkar Studies Centre at Kolkota from 19th to 20th November, 2018.

b. Consolidated list of Publication by faculties for the year 2019

1. Mohapatra Umakanta, Sucheta Priyabadini and Rath Navneeta(2018) Genesis of Voluntarism in Odisha: A Socio-Archaic Trace, the Eastern Anthropologist 71:1-2 (2018)pp209-233
2. Kumar Renuka and Rath, Navaneeta (2018)Bringing Higher education from Far to nearin India: The Role of Distance Education in World Wide International Journal of Recent Scientific Research, 4(1):160-166,www.wwjmr.com

3. Mohapatra, Umakanta and Rath, Navaneeta (2018) Voluntarism In Odisha: The Indigenous And Exogenous Traits, International Journal of Recent Scientific Research Res. 9 (2), pp. 24265-24272. DOI:<http://dx.doi.org/10.24327/ijrsr.2018.0902.1629>
4. Rath Navaneeta and Pandey Annapurna(2018) The Role of Non State Actors in Ensuring Indigenous Right to Education in an Era of Neo liberalism: an Experiential Account from India, ABYA YALA, REVISTA SOBRE ACESSO À JUSTIÇA E DIREITOS NAS AMÉRICAS Dossier,BRASÍLIA V.2, N.1 – 2018 ISSN 2526-6675,pp.121-143
5. Rath Navaneeta and Patra, Amita (2018) Gender Divide to Gender Development: A Reflection on the Discourses and the Dilemmas in SIRD published book on Gender and Development, STATE INSTITUTE FOR RURAL DEVELOPMENT & PANCHAYATI RAJ Panchayati Raj & Drinking Water Department Govt. of Odisha , Printech Offset
6. Rath Navaneeta (2018) Contextualising Feminism in India's Past and Present in Urmimala Das edt. Women Empowerment: Theory and Praxis Imperial Edusystems Pvt. Ltd., ISBN978-81-934214-6-8
7. Rath, Navaneeta (2018) Urban Sociology, Kalyani Publications, ISBN 978-93-272-9942-7

Department Facilities

The School of Women's Studies provides students' access to a well-stocked Library with more than a thousand updated publications, books, journals and reports which caters to the needs of the students of SWS, researchers and scholars from other departments and to outside readers

Road Map

- Upgrade the curriculum as per market requirement to maximise employment opportunities of students.

Sports Council

A brief profile about Sports Council

The Sports Council is an important unit of Utkal University, established in the year 1943.

The main aim of the Council is

to Initiate, Coordinate,

Execute and manage various

kinds of Sports activities

including Adventure Sports

and other such programmes to

promote general interest in

Games and Sports among the

students of the University.

This improves the standard of

Competitive Sports and

Games in the University and

also among affiliated colleges / institutions.



Biju Patnaik Sports Complex

Objective

- Coordinate sports activities among different colleges of the University
- Promote interest among the budding youth in excelling in games and sports
- Select and train sportsmen & women in different events as per AIU, New Delhi
- Depute teams to participate in different Inter Universities Tournament organized by AIU, New Delhi
- Actively participate in tournaments organized by state and national level sports bodies



P.G. Athletic Club

The Sports Council has in its credit many talents who have successfully established themselves in the field of games and sports at national and international level.

The heritage of Sports Council of Utkal University is well known. A number of notable players in different games and sports such as Foot-ball, Hockey, Cricket, Basket-ball

(M&W), Kabbadi (M&W) and Athletics have considerably improved the image of the University as well as State by their wonderful performance. It is the only university in the state as well as in the Eastern Zone to participate in almost all events

Activities undertaken

Working Committee Meeting

Annual Working Committee of Utkal University Sports Council for the year 2018-19 was held on 11.08.2018 in Sports Council Conference Hall. Twenty two executive members were present in the meeting. Action plan and budget of the Council for the year 2018-19 was approved in the meeting.

Observation of National Sports Day & Workshop: The Sports Council observed the National Sports Day on 29th August 2018. A workshop for physical education Teachers of affiliated colleges of Utkal University was organised on this occasion. More than 88 teachers attended the workshop. Two retired PE teachers were felicitated during the function for their contribution to Sports Council.

Inter College Tournaments: The Council conducted inter college tournaments in 31 sports disciplines during the session 2018-19. Two new game categories, Kick Boxing & Drop Row Ball were introduced in the tournament. The tournament took place in 25 affiliated colleges of the University during September 2018 to January 2019. A total of 5387 students of these colleges participated in the tournament.

Coaching Camps

The Sports Council of the University organised coaching camps in 19 games category during the session 2018-19. A total of 259 players had attended the coaching camps. Many efficient coaches conducted all the coaching camps.

Inter University Tournaments

A total of 453 players represented Utkal University in 32 sports disciplines participating in East Zone and All India Inter University tournaments. We made history creating a new benchmark in excellence in Inter University tournaments during this session where our players won an array of trophies and shields in East Zone Inter University tournaments conducted by AIU. Our University became East Zone Champions in 3 games category, i.e Kho-Kho (Men), Kho-Kho (Women), Basketball (Men) and All India runners up in women Sepak Takraw game held at M.J, P Rohilkahand University, Bareilly, Uttar Pradesh. We secured 3rd position in national level in Women Rugby tournament. Our kick boxing team won one gold medal & two bronze medals in All India Inter University Kick Boxing Championship, which was organised by Andhra University at Vishakhapatnam. Seven teams qualified to participate in All India Inter University Tournaments remaining among in best four teams of the East Zone.

List of Inter College Tournaments

| Sl No | Events | No of Sportsperson represented |
|-------|-------------------------|--------------------------------|
| 1 | Aquatics (Men & Women) | 04 |
| 2 | Athletics (MW) | 09 |
| 3 | Badminton (MW) | 10 |
| 4 | Ball badminton (M) | 20 |
| 5 | Basketball (Men) | 25 |
| 6 | Basketball (Women) | 10 |
| 7 | Boxing (Men) | 06 |
| 8 | Chess (MW) | 05 |
| 9 | Cricket (Men) | 17 |
| 10 | Drop Roball | 20 |
| 11 | Football (Men) | 18 |
| 12 | Football (Women) | 18+15=33 |
| 13 | Handball (Women) | 11 |
| 14 | Handball (Men) | 12 |
| 15 | Hockey (Men) | 18+16=34 |
| 16 | Kabaddi (Women) | 12+12=24 |
| 17 | Kabaddi (Men) | 12+12=24 |
| 18 | Kho Kho (Women) | 12+11=23 |
| 19 | Kho-Kho (Men) | 212+11=23 |
| 20 | Kick Boxing (Men/women) | 08 |
| 21 | Net Ball (Men) | 08 |
| 22 | Net Ball (Women) | 11 |
| 23 | Rugby (Men/women) | 12+12=24 |
| 24 | Sepak Takre (Men/women) | 04+04=08 |
| 25 | Soft Ball (Men) | 15 |

| | | |
|----|-------------------------------------|----------|
| 26 | Table Tennis (M&W) | 04+04=08 |
| 27 | Volley Ball (Men) | 12 |
| 28 | Weight lifting & Best Physique (MW) | 07 |
| 29 | Wrestling (MW) | 08+03=11 |
| 30 | Yoga (MW) | 12 |
| 31 | Archery | 01 |
| 32 | Roller Sports (Men) | 02 |

Inter University Tournaments

Utkal University Sports Council participated in Inter University tournament in all 32 disciplines during the session 2018-19.

Total number of Sportsmen & women participated in Inter University tournaments were 453.

| Sl No | Events | No of Colleges Participated | No. of Sportsmen & women participated |
|-------|------------------------|-----------------------------|---------------------------------------|
| 1 | Aquatics (Men & Women) | 22 | 118 |
| 2 | Athletics (MW) | 115 | 686 |
| 3 | Badminton (MW) | 33 | 122 |
| 4 | Ball badminton (M) | 10 | 82 |
| 5 | Basketball (Men) | 9 | 90 |
| 6 | Basketball (Women) | 9 | 81 |
| 7 | Boxing (Men) | 14 | 42 |
| 8 | Chess (MW) | 40 | 165 |
| 9 | Cricket (Men) | 98 | 1380 |
| 10 | Drop Roball | 9 | 78 |
| 11 | Football (Men) | 38 | 480 |
| 12 | Football (Women) | 9 | 108 |

| | | | |
|----|--------------------------------|----|-----|
| 13 | Handball (Women) | 5 | 42 |
| 14 | Handball (Men) | 17 | 175 |
| 15 | Hockey (Men) | 8 | 120 |
| 16 | Kabaddi (Women) | 12 | 122 |
| 17 | Kabaddi (Men) | 16 | 160 |
| 18 | Kho Kho (Women) | 9 | 90 |
| 19 | Kho-Kho (Men) | 21 | 208 |
| 20 | Kick Boxing (Men/women) | 10 | 46 |
| 21 | Net Ball (Men) | 6 | 52 |
| 22 | Net Ball (Women) | 7 | 72 |
| 23 | Rugby (Men/women) | 8 | 96 |
| 24 | Sepak Takre (Men/women) | 8 | 31 |
| 25 | Soft Ball (Men) | 10 | 150 |
| 26 | Table Tennis (M&W) | 23 | 86 |
| 27 | Volley Ball (Men) | 22 | 264 |
| 28 | Volley Ball (Women) | 6 | 55 |
| 29 | Weight lifting & Best Physique | 14 | 82 |
| 30 | Wrestling (MW) | 13 | 52 |
| 31 | Yoga (MW) | 12 | 52 |

Performance in East Zone Tournaments

The East Zone Inter University Men & Women Kho-Kho tournament was organised by Sports Council of Utkal University from 15th to 24th November 2018. 21 Universities in women section and 24 Universities in men participated in the said tournament.

| Sl. No | Events | Position |
|--------|-----------------|----------|
| 1 | Kho-Kho (Men) | Champion |
| 2 | Kho Kho (Women) | Champion |

| | | |
|---|--------------------|------------|
| 3 | Basketball (Men) | Champion |
| 4 | Basketball (Women) | Runners-up |
| 5 | Kabaddi (Men) | 3rd |
| 6 | Kabaddi (Women) | 4th |
| 7 | Hockey (Men) | 4th |

Performance in All India Tournaments

| Sl. No | Events | Position |
|--------|----------------------|------------------------|
| 1 | Sepak Takraw (Women) | All India Runners up |
| 2 | RUGBY (Women) | All India 3rd position |
| 3 | Kick Boxing (Women) | Individual Gold Medal |

UGC Human Resource Development Centre

A brief profile of HRDC

Established in July 1987, the erstwhile Academic Staff College (HRDC), recently re-named as UGC-Human Resource Development Centre (UGC-HRDC), Utkal University. It is one among the 66 HRDCs located at selected Universities of India. This centre belongs to UGC Cluster 8 sharing it with Sambalpur University in Odisha and 5 others distributed in Bihar, Jharkhand and Chhatisgarh. Realizing that teachers are the agents of socio-economic reform and national development, UGC-HRDC at Utkal University has made a remarkable stride to recharge, refresh and rejuvenate young as well as mid-career teachers serving at different colleges and Universities within and outside the State of Odisha by organizing different UGC-approved academic training programmes of varying durations.

Over the years, the activities of HRDC has been focused on quality ensuring delivery of education to continuous up-gradation of knowledge, capacity building and motivation of teachers for accepting challenges arising from exponential growth of new knowledge and fast growing trends of breaking barriers of subject specific teaching and research.

The UGC-HRDC at Utkal University has recognized the urgent need for creating effective systems to provide opportunities for professional and career development of teachers, necessary for quality education and research so that they are well equipped and motivated to accept new challenges emerging from growth of new knowledge, international competitiveness and changing requirements of learners, especially in the institutions of higher education. Therefore, special care has been taken to enhance their motivation skills and knowledge through systematic orientation in specific subjects, techniques and methodologies, and thereby inculcate in them the right kind of values that would in turn encourage them to take initiatives for innovative and creative work.

Since 1987 till date, a large number of Refresher Courses, Orientation Programmes, Short-term Courses, Summer Schools, and Winter Schools etc have been organized by the UGC-HRDC at Utkal University often in collaboration with respective post-graduate teaching Departments of the campus. Eminent personalities from the world of academics, media, bureaucracy, technocracy and NGOs from within/outside the State of Odisha have been invited as Resource Persons for different Courses to interact with the teacher participants and sharing with them their long years of experience and expertise in respective field of interest, thereby motivating them to support their consistent knowledge up-gradation and enabling them to catch up with the global competition and other requirements of fast growing innovative trends and advanced knowledge in various disciplines and across disciplines. In consonance with the contemporary scenario in our country, efforts are being made to organize more number of skill-based courses of shorter durations (3-7 days) with a

view to enhance the efficiency of the teachers while continuing focus on expansion, equity and excellence.

Faculty

The HRDC is led by **Prof Mitali Chinara, Director** (Professor in A & A Economics, Utkal University) with active support **Dr Snigdha Das, Lecturer** of the Centre.

Programmes conducted during 2018 -2019

| Sl. No. | Refresher Course/ Summer School/ Winter School | Duration | Co-coordinator | No of Participants |
|---------|--|-------------------------|---------------------------|--------------------|
| 1 | Research Methodology | 08.01.2018 – 28.01.2018 | Prof Mitali Chinara | 39 |
| 2 | Env Sc & Disaster Management | 15.01.2018 – 04.02.2018 | Prof Kabir Sethy | 45 |
| 3 | Winter School | 24.01.2018 – 13.02.2018 | Prof Anatha Bandhu Das | 35 |
| 4 | Orientation Programme | 01.02.2018 – 28.02.2018 | Dr Snigdha Das | 52 |
| 5 | Linguistics | 05.02.2018 – 25.02.2018 | Prof Prativa Manjari Rath | 57 |
| 6 | Summer School | 08.06.2018 – 28.06.2018 | Prof. Mitali Chinara | 38 |
| 7 | Principal's Conference | 22.06.2018 | Dr. Snigdha Das | 78 |
| 8 | Orientation Programme | 03.08.2018 – 30.08.2018 | Dr. Snigdha Das | 43 |
| 9 | Gender Studies | 20.08.2018 – 09.09.2018 | Prof Navneeta Rath | 33 |
| 10 | Bio Sciences | 21.08.2018 – 10.09.2018 | Prof Pravati Mahapatra | 36 |
| 11 | Research Methodology | 11.09.2018 – 01.10.2018 | Dr Himansu Sekhar Rout | 27 |
| 12 | Orientation Programme | 26.10.2018 – 22.11.2018 | Dr. Snigdha Das | 31 |
| 13 | Tribal Studies | 03.12.2018 – 23.12.2018 | Prof Sabita Acharya | 39 |
| 14 | Indian Language & Culture | 04.01.2019 – 24.01.2019 | Prof Asim Parhi | 47 |
| 15 | Orientation Programme | 18.01.2019 – 14.02.2019 | Dr. Snigdha Das | 46 |
| 16 | Economics & Statistics | 11.02.2019 – 03.03.2019 | Dr Priya Ranjan Dash | 43 |
| 17 | Commerce | 22.02.2019 – 14.03.2019 | Prof Maheswar Sahoo | 32 |
| 18 | STC in Disaster Management | 29.07.2019 – 04.08.2019 | Dr Snigdha Das | 22 |
| 19 | Research Methodology in Basic sciences | 19.08.2019 – 01.09.2019 | Prof Anatha Bandhu Das | 34 |

| | | | | |
|-----------|---|-------------------------|------------------------|----|
| 20 | Research Methodology in Social sciences | 05.09.2019 – 18.09.2019 | Prof Bidhu Bhusan Dash | 38 |
| 21 | Odia | 20.09.2019 – 03.10.2019 | Dr Manindra Meher | 33 |
| 22 | Orientation Programme | 15.10.2019 – 04.11.2019 | Dr Snigdha Das | 38 |
| 23 | Indian Language & Culture | 23.10.2019 – 05.11.2019 | Dr Subash Chandra Dash | 34 |
| 24 | History & Archaeology | 05.11.2019 – 18.11.2019 | Prof Sanjay Acharya | 28 |
| 25 | Orientation Programme | 19.11.2019 – 09.12.2019 | Dr Snigdha Das | 35 |
| 26 | Gender Studies | 06.12.2019 – 19.12.2019 | Prof Navneeta Rath | 34 |

Way forward

- HRDC aims to organize more skill-based courses of shorter durations (3-7 days) to enhance the efficiency of the teachers
- HRDC aims to continue its focus on expansion, equity and excellence.

University High School

Name of the Institution -

University High School, Vani Vihar, Bhubaneswar - 4

Name of the Head of the Institution -

Ms. Sukanti Devi



University High School infrastructure building

Year of establishment - 1962

Staff Profile -

- Sanctioned post - 29 (Teaching)
- Non-Teaching staff - 04

Details of Staff

| Sl No. | Name | Designation | Educational Qualification |
|--------------------|-----------------------|------------------|---------------------------|
| 1 | Sukanti Devi | Headmaster (I/C) | Msc, MPhil, M.Ed, M,Phil |
| 2 | Sabita Dei | Asst Teacher | M.A, B.Ed, LL.B |
| 3 | Dambarudhara Nayak | Asst Teacher | B.A. B.Ed |
| 4 | Dr. Sitaram Das | Asst Teacher | M.A, B.Ed, PhD |
| 5 | Susama Malati Acharya | Asst Teacher | I.A, CT |
| 6 | Manjubala Lenka | Asst Teacher | I.A, CT |
| 7 | Prasanta Ku. Behera | Asst Teacher | B.A. B.Ed |
| 8 | Pranati Chaudhury | Asst Teacher | M.A, B.Ed |
| Non Teaching Staff | | | |

| | | | |
|---|----------------------|----------|-----------|
| 1 | Jaladhara Pradhan | Jr. Asst | M.A. LL.B |
| 2 | Pabitra Naik | Dufftery | 7th |
| 3 | Sridhara Barik | Peon | 9th |
| 4 | Prasanta Ku. Routray | Watchman | 8th |

Student Strength - 623

Result

Board - BSE Odisha, AHSCE - 2018

Pass rate - 88%

21 students passed in first class. One of our student Sanjukta Malla brought pride to the school by securing 91%.

Student Activities

1. Four students participated in district level science exhibition and received Inspire award. The students have received a cash award of 10,000/- for best innovative science project.
2. Students have participated in Odia, Sanskrit and Hindi patriotic song competition held by Bharat Vikash Parishad, Uttara branch.
3. Students were awarded in song, quiz and debate competition held on Netajee Jayanti organised by Democratic Student's Union.
4. Days with national and state importance such as Children's Day, Teacher's Day, Hindi Divas, *Gandhi Jayanti*, *Utkal Divas*, *Netaji Jayanti* celebrations were held in the school and various competitions were also held on those occasions.
5. Annual Sports and Annual function was organised in the school premises.

