



ANNUAL REPORT

2019

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 Tübingen, 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. A technology outreach Centre for Rural Areas has

been established by the university and a MoU for the purpose has been signed with the Bhaba 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 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 2019.

Traditionally, Utkal University has always been a symbol of human empowerment and index of intellectual advancement 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 into a 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. Utkal University has also established eight Centres of excellence (CoEs) under the RUSA and three CoE under World bank-Odisha Higher Education Programme for Equity and Excellence (WB-OHEPEE). A sizable amount of funds has been allocated for cutting edge research and innovation in these two programmes. I am sure with the new CoEs the innovation and research culture of Utkal will be exciting in coming years and contribute significantly to transcend the learning environment of the University.

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, the recommendations 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

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time, a movement for the creation of regional universities started in different parts of Orissa. In response to this, the government of Odisha appointed the State University Committee in 1962 with Dr. P. Parija, the then Vice-Chancellor of Utkal University, as the Chairman. On the recommendation of the Committee, two more universities were created, one at Sambalpur 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 Women's' 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 Eleventh 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

1. Prof. Soumendra Mohan Pattnaik (Vice Chancellor, Utkal University)
2. Shri Ansuman Kumar Mishra (Member Public Enterprisers Selection Board)
3. Shri Ashwini Kumar Mishra, OAS (SAG), Director Higher Education, Odisha
4. Prof Sabita Acharya (chairperson PG Council, Utkal University)
5. Prof Dr Jayshree Mohanty (Principal, SCB Medical College, Cuttack)
6. Dr Jayant Kumar Dash (principal Dental Wing, SCB Medical College, Cuttack)
7. Prof Basanta Kumar Mallik (P.G. Department of History, Utkal University)
8. Prof Namita Das, PG Department of Mathematics, Utkal University)
9. Dr Satyabrata Mohanta (Director, Indira Gandhi Institute of Technology, Sarang, Dhenkanal)
10. Shri Dayanidhi Nayak, OAS (SAG), Registrar, Utkal University

Officers of the University

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 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	Pabitranaagara 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

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

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

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

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

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 Residental 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

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

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	00p	8034	Gyana Devi Degree College,Kuanarpur
214	000p	8035	Paathsaala Commerece College
215	00000p	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

237	21u	9021	Nachuni College,Nachuni
238	22u	9022	Raghunath College,Deuli
239	23u	9023	Haladia Colelge,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 Mohavidyalaya, 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

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

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

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 fulfilment 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 2019, the Council has conducted the meeting of Principal of autonomous colleges on 14th march, 2019 and Principals of Law colleges on 23rd December, 2019 to discuss various issues regarding quality of education system, utilization of grant, CBCS curriculum, examinations etc. The Affiliation committee meeting was held on 3rd August, 2019 in which 52 items relating to affiliation of different courses was approved. The council has also undertaken the academic audit of one of its affiliated colleges on 2nd August, 2019 for extension of autonomy.

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.

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 2019-20.
- Six students have qualified UGC-NET examination during this period. Students have also been placed in Government and Private sector.
- DDCE conducted a training programme on E-admission for the Principals of various Degree and Autonomous Colleges in May 2019.
- A Voters awareness conclave was conducted in collaboration with NSS, Utkal University in April 2019 for the students of P.G. Department of Utkal University.
- A Seminar on “Rural Disasters in India Policy Concerns” under World Bank and “Statistical Methodology and Data Science” was conducted at DDCE by the P.G. Dept. of Public Administration and Statistics, Utkal University respectively.
- Kalinga Bali Sangam was conducted under the Chairmanship of Hon’ble Vice Chancellor, Utkal University to connect the Heritage link between Bali, Indonesia and Kalinga (Odisha) in January 2019.
- DDCE conducted orientation programme for the faculties, and two health camps for the staff of Utkal University.
- A *Swachha Bharat Abhiyan* was also organized on the occasion of Gandhi Jayanti.
- The Syndicate Bank was reconstructed and inaugurated in the presence of the General Manager, Syndicate Bank, Director, DDCE and other officials of Syndicate Bank of DDCE, Utkal University.
- Remote Tutorial Assistance through Virtual Tutorials under RUSA is functioning at DDCE, Utkal University. The plus three Arts and Science (Hons.) recording has

continued and total of around 600 hours of lectures have been recorded by various distinguished faculties from the Arts and Science discipline.

- The Monitoring Committee meeting of VTP was conducted under the Chairmanship of Secretary Higher Education, Govt. of Odisha, with other officials of Higher Education Department, Chairman, OHSEC, Vice Chancellor, Utkal University, Director, DDCE and other officials of University.
- DDCE has made its admission, examination and publication of results through online platforms.
- Teachers at DDCE continuously strive towards the betterment of their students and actively participate in on-going research programmes. During the session the faculties have published articles in International Scopus Indexed Journals and are also involved in minor research projects.



Examinations

Provisional Certificate Section

Sl No	Nature of work	Number of certificates issued in 2018- 2019
1	Preparation and issue of old mark sheets and PhD provisional Certificates to students on basis of application	754
2	Issue of Date of Publication of results applied through appropriate process	734
3	Issue of authentication and generation of certificates and marksheets to different Institutions/Agencies	1130
4	Different Testimonials (from deputy Controller of Examinations Establishment)	1500
5	Transcripts (from deputy Controller of Examinations Establishment)	1713 sets of Transcripts issues to 484 students

Examination IV (Original Certificate Section)

Sl. No	Nature of Work	Number of certificates issued in 2018- 2019
1	Preparation and issues of +3 (new) certificates to Colleges	96,120
2	Preparation of Post Graduate, M Phil and other Professional Courses (New Certificates)	6169
3	Preparation and issue of old Certificates	6448
4	Preparation and issue of merit certificates	30
5	Preparation and issue of PhD certificates during and after Convocation	343
6	Preparation and issue of Gold Medal Certificates during and after Convocation	105
7	Preparation of Degree Books for Convocation	For 75,000 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

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. A Special talk on the theme '*Aluminum; The Future Metal: Challenges and Applications*' under World Bank OHEPEE project on 31st January, 2019.
2. A special lecture by Dr. Joe Magner, Professor in the Department of Bio products and Bio systems Engineering, University of Minnesota, USA on March 23, 2019.
3. World Bank-OHEPEE sponsored National Seminar on the theme '*Internationalization of Higher Education in India*' on 31st March, 2019.
4. A Roundtable Discussion on '*Volunteerism, Social Entrepreneurship and Intercultural Solidarity*' on 2nd May, 2019 with international youth volunteers working under Erasmus Mundus and European Commission and YOSE (Youth Opportunities in Social Economy).
5. Round Table discussion on '*Aluminum Gods: Mining and Religiosity along Odisha's Bauxite Supply Chain*' on 24th May, 2019 with a Visiting Fulbright-Hays Scholar Ms. Karlie Fox-Knudtsen from Cornell University.
6. A collaborative interactive session on September 7, 2019 with H.E. Mr. I. Made Mangku Pastika, former Governor, Bali, Indonesia, President of World Hindu Parishad, and some distinguished delegates from Bali, Indonesia on issues ranging

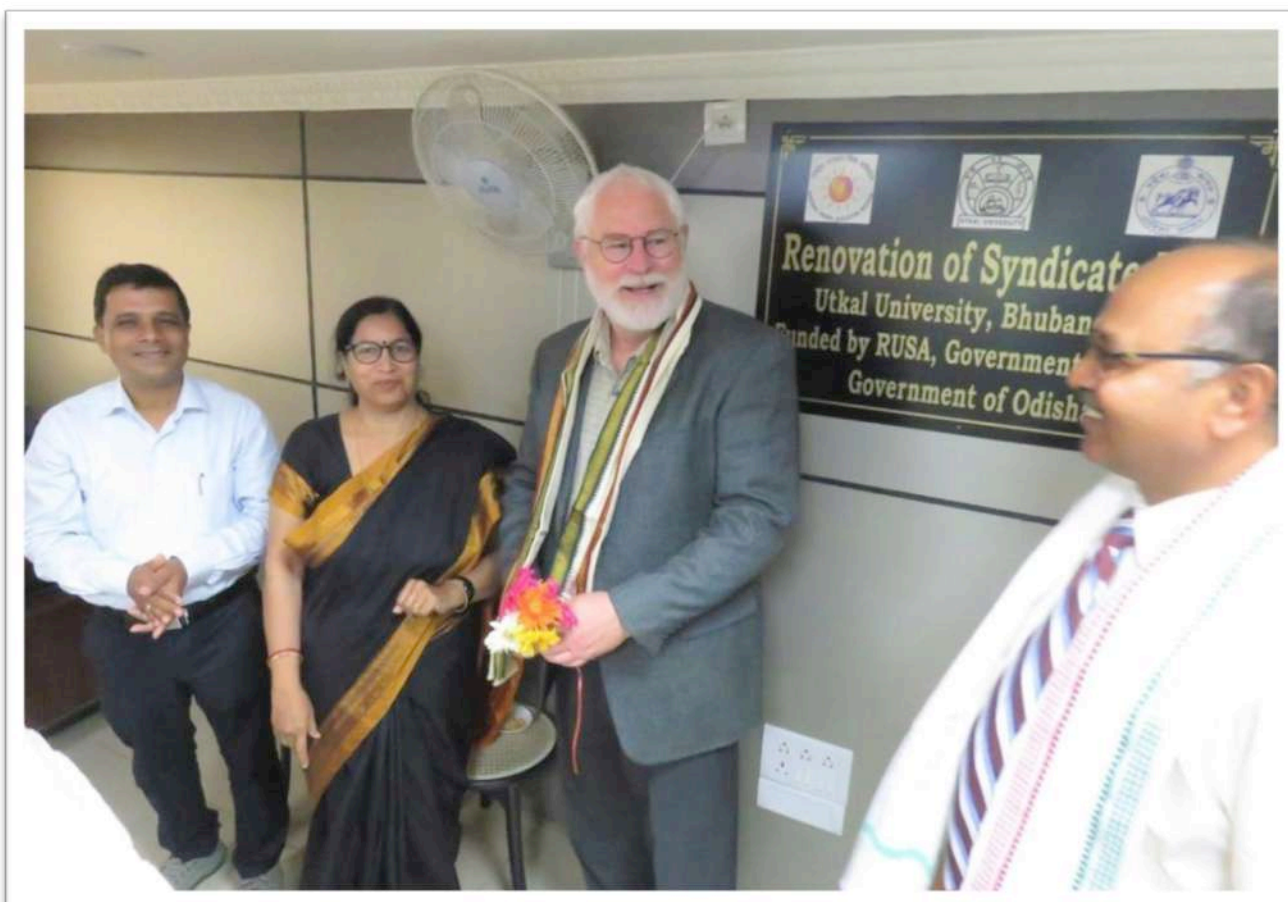
from educational and cultural collaborations to collaborative research and academic enrichment in the field of Tourism industry.

Other Accomplishments

- Official website www.ioutkal.university was inaugurated during Platinum Jubilee celebration of Utkal University on 27th November, 2019.

Student exchange program

- Greta Furlan, , cultural anthropology student from the University of Milano-Bicocca, Italy, visited Utkal in 2019 for conducting research for her Master's thesis on tribal education.
- Ms. Luise Susanne Heb, Institute of Indology and Centre for Asian Studies, Leipzig University, Germany, visited Utkal University from 5th September 2019 to 28th January 2020 for pursuing her internship in the Department of Sanskrit.



Dr. Joe Magner is felicitated by Prof. Sabita Acharva ,Coordinator of International Office

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 to serve as a catalyst of change for improving quality in teaching, research, infrastructure and learning, resources, boarding and placement. It periodically reviews various aspects of the University for improvement in quality.

The committee 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 reviews various aspects of the University during its meeting. 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. At present Prof. Pravati Kumari Mahapatra, Department of Zoology is serving as Director IQAC.

Important activities of the cell during the year 2019

- Conducted the institutional ethics committee meeting on 28th January 2019
- Conducted academic audit of all departments during 15th, 16th, 17th April and 27th May 2019
- Meetings of internal quality assurance cell (IQAC) with internal and external members to discuss matters regarding excellence of the University was conducted on 27th May 2019
- A National Seminar cum Exhibition was organized in collaboration with the Department of Anthropology and Zoology supported by WB-OHEPEE on “Art and Science of Photography”:19th and 20th August 2019
- Coordinated data analysis and uploading the data NIRF Ranking: 29th November 2019

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 which 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 Population Research Centre

The Ministry of Health and Family Welfare, Government of India established a network of Demographic Research Centres, 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 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.

The Population Research Centre, Odisha is affiliated to Utkal University located in Bhubaneswar and is categorised under Type II. 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 prime 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 Debangana 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

1. Monitoring of Programme Implementation Plan (PIP) under National Health Mission in eight Districts of Odisha: Koraput, Malkangiri, Cuttack, Jagatsinghpur, Nabarangpur, Bolangir, Kalahandi and Gajapati.



collection.

The PRC has collected data from health care facilities for monitoring and the data was then compiled. PRC field investigators have also visited District Head Quarter Hospital, Khordha, CHC Tangi (FRU), PHC Begunia (N) (24x7) and Pubusahi Sub Centre (not a Delivery Point) for data

2. Assessment was undertaken on Home-Based New born Care (HBNC) among the Health Care Providers and health care beneficiaries in five districts of Odisha.



Achievements

a. Seminars/Symposia/Conferences/Lectures etc

1. World Population Day was celebrated 11th July 2019 by PRC. On the occasion a round table discussion was organized on 'Reproductive Health & Gender Equality'.
2. PRC Utkal University was represented at the first National level Orientation Workshop of PRCs organised in Vigyan Bhawan on 30th and 31st May 2019.
3. PRC evaluation by a third party evaluation committee with members from Centre for Innovation and Technology, Administrative Staff College of India (ASCI), Hyderabad Ms Katyayani PNS and Mr. Karnak Roy was undertaken on 20th March 2019.
4. The staff of PRC took training at IISC Bangalore on advanced in data analysis from 16 to 21 September 2019
5. PRC Utkal University was also represented in the think tank meeting which was organised to discuss on monitoring of PIP by PRCs. This was organized by MoH&FW under the chairpersonship of AS&M (NHM) on 26th September 2019 at Nirman Bhawan, New Delhi.

b. Field Tours / visits if any

- PRC team conducted a field study in eight Districts of Odisha Koraput, Malkangiri, Cuttack, Jagatsinghpur, Nabarangpur, Bolangir, Kalahandi and Gajapati

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

Currently, the PRC is compiling its annual report for the year 2019-20.

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.
- The Centre also wishes to develop a certificate course on Communication for Development which will help in communicating promotional health information, such as in public health campaigns, health education, among both care receivers and care providers.
- The centre is also planning to take research initiative to document and prepare the data bank of indigenous health practices among diverse groups in Odisha.

Platinum Jubilee of the University in 2018-19

The celebration of the Platinum Jubilee of the University in 2018-19 infused the Utkal University it with a new vitality and rendered the campus with renewed vibrancy. Renowned academics delivered Platinum Jubilee lectures on the contemporary areas of research leading to improved knowledge and information on novel developments to faculty and students. Various events were planned simultaneously by the Departments to ensure vibrancy and enthusiasm through involvement of faculty, students, alumni and eminent guests.



Platinum Jubilee Celebration, Utkal University

Alumni with invitation from the respective Departments revisited their Alma Mater, which has shaped their minds and shared their experiences among peers and younger students. The University in its Platinum Jubilee year, reconnected and built a huge alumni network and gave it an institutional foundation. In an innovative initiative, the University created opportunities for parents to visit and interact with the faculties of the departments where their children are studying. The visits to the campus of luminaries such as the Honourable President of India, His Excellency the Governor of Odisha, the Honorable 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 Centers of Excellence established with support from RUSA and the World Bank and the President laid the foundation stone of the RUSA Bhawan.

Further, the inauguration of 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 150th year of his birth.



Hon'ble Chief Minister Shri Naveen Pattnaik, at the Utkal University Platinum Jubilee Celebration

Two days Platinum Jubilee Distinguished Lecture by Padma Shri Prof Manoj Das

Eminent writer in Odia and English, Padma Shri Prof Manoj Das delivered the two-day Platinum Jubilee Distinguished Lecture on 8th & 9th February 2019. The octogenarian writer and educationist, Prof Manoj Das, recipient of *Saraswati Samman* (2000) and *Kendra Sahitya Akademi Award* spoke on "*Srujana ra Ushaloka : Baidika Udbhasana ebam Dui Mahakabya*" on the first day and "*Biswa Bijayi Pragyan Loka Sahitya*" on the second day of the Lecture. On the first day, Prof Das spoke of prominence – Ramayana and Mahabharata –the epics which are prominent in the Indian Psyche and is well known in the world. He beautifully pronounced the implications of these two poetic geniuses, both at present as well as for the future of mankind.

In his lecture on the second day, Prof Das highlighted the amalgamation of the spiritual and psychic elements in the popular Indian folklores such as Panchatantra, Kathasaritsagar, Jataka Katha and other such literature and their influence on the moral traditions of the Indian culture since time immemorial.

National Service Scheme's (NSS) awareness drive on "Environment and Society"

An awareness drive on "Environment and Society" was organised by NSS and hosted by the hostels. Hon'ble Vice Chancellor, Utkal University and NSS head, Prof Soumendra Mohan Pattnaik presided the awareness programme. The boarders of the hostels participated enthusiastically in a collage making competition, judged by Dr. Kabir Mohan Setty, Lecturer of the University. The event was both appreciated by the boarders and brought a wave of enthusiasm among them to motivate their participation in the innovative activity to make it a huge success.

"Sungandha Abhibyaktira" – a two day Platinum Jubilee Literary and Cultural Festival on 19th and 20th Nov 2018 at Utkal University

The inaugural session of "*Sungandha Abhibyaktira*" – a two day Platinum Jubilee Literary and Cultural Festival_ was graced by eminent personalities like Padma Bhushan, Sri Ramakanta Rath, Jnanapith Awardee Prof. Pratibha Ray, Hon'ble Vice Chancellor of Utkal University Prof. Soumendra Mohan Pattnaik, and Chairman of the PG Council, Utkal University and the Chairperson of Platinum Jubilee Celebration Committee Prof. Brahmanand Satapathy, Hon'ble.

The 1st session "Aama Asmitaa: Odia Bhasa" included panellists who are some of the best minds in Odia studies today. Celebrated educationist, Dr. Kailash Chandra Tikayatray, Odia writer and feature editor, Odia Daily "*The Sambad*", Dr. Goura Hari Das, and former Odia Professor, Utkal University, Dr. Sanghamitra Mishra. The session was moderated by Dr. Bishnupriya Otta, Head of Odia Department, Utkal University. Prof. Sanghamitra Mishra and Dr. Goura hari Das deliberated on the state of Odia language in current times and also lamented on the lack of institutional support for Odia studies.

Dr. Kailash Chandra Tikayatray made a very poignant statement that the world is as it is because it is shaped so by language, therefore, language is at the core of human existence and a community's 'asmita'—its identity, its self-respect lies in the preservation and propagation of its mother tongue.

The 2nd session focused on "The Living Tradition of Sanskrit" and eminent personalities from the field of Sanskrit Studies including Prof. Prafulla Kumar Mishra (Hon'ble Chancellor of Dr. Rajendra Prasad Central Agricultural University, Bihar), Prof. Gangadhar Panda, Sampurnanand Sanskrit University and Dr. Prativa Manjari Rath, former Professor of Sanskrit, argued against the idea of Sanskrit being a dead language. Prof. Mishra threw light on the richness of Sanskrit literature and focused on the treasure that has been produced in the language.

The third and final session of the day, titled “Why translate? Literatures of the world and translation as agency” focused on the translation of knowledge texts by moderator of the session Prof. Asim Ranjan Parhi, Head of the Department of English, Utkal University. Prof. Bikram K Das, former Director, ELTI and Prof. Jatindra K Nayak, recipient of Katha and Hutchcross Award for translation, equally deliberated on the need for translation of knowledge texts over the translation of literature, both from Odia to English and vice versa.

The first day of the two-day literary cultural festival ended with a vibrant and colourful cultural programme.

Day two of the Festival began with the first session which was an interface of translation of Sanskrit and Odia languages titled “Translations: An Interface between Sanskrit and Odia”. Prof. Gopal Krishna Dash and Prof. Raghunath Panda, eminent personalities in the field of Sanskrit studies and former Professors of Sanskrit, Utkal University along with the Chairperson Dr. Subhash Chandra Dash, Utkal University, deliberated on the translations both from Odia to Sanskrit and from Sanskrit to Odia.

The second session of the day titled “The World of Poetry” was marked with mesmerising recitations of poem by eminent Odia poets Dr. Bibhu Padhi, Dr. Gopa Ranjan Mishra, Mrs. Padmaja Saran and Dr. Snehaprava Das. The poets engaged with the audience and deliberated the inspirations of a poet that compels it to write.

The last session of the day ‘*Aama Aitihya O’ Aama Sahitya*’ brought together some of the most vibrant personalities from both cultural and academic sphere of Odisha. Eminent personalities including Prof. Bauribandhu Sahu from Ravenshaw University, Dr. Asit Mohanty from Ama Odisha and the celebrated writer Adhyapak Biswaranjan along with the moderator of the session Dr. Bishnupriya Otta, Head of the Department of Odia, Utkal University graced the podium. The session focused on seamless interaction of the tradition and heritage of Odisha in its literature. This smooth blending makes its literature enriching and renders Odia literature into a kind of historical document.

The two-day event witnessed a true confluence of languages and literatures making it the hallmark of the literary and cultural festival.

The festival concluded with the performance of Fakir Mohan Senapati’s short story ‘Randi pua Anta’ by students of the Utkal University.

‘VISHLESHAN’ a poster presentation of the work by Research Scholars

As a part of the Platinum Jubilee Celebration of the Utkal University, 'VISHLESHAN' a poster presentation of the work by Research Scholars. The event for the Research Scholars was organized on 5th January 2019 in the premises of Parija Library, Utkal University. The event started with a welcome address by Prof. P. Jena, Professor-in-Charge of Parija Library followed by an address by Guest of Honour Prof. B. Satpathy, Chairman, PG Council. Prof. Soumendra Mohan Pattnaik, Vice- Chancellor, Utkal University and Chief Guest of the event, addressed the gathering and deliberated on the importance of the event and how the event is organised with the aim to promote multidisciplinary approach to research among Research Scholars. Further in his address to the participants Prof Pattnaik encouraged increase in academic collaborations in the future. Dr Swayam Prava Mishra, Assistant Professor, Department of A & A Economics, Utkal University was the Coordinator of *Vishleshan*.

Research Scholars from across faculties of Life Sciences, Physical Sciences, Social Sciences, Commerce, Management and Law participated in the event and presented posters on diverse research areas. The presentation session was judged by a panel of subject experts namely Prof Niranjana Barik, Prof Hemanta Kumar Patra, Prof Pravat Kumar Mohanty and Prof Amareshwara Mishra. It was followed by a valedictory session chaired by Prof. P. Jena, Professor-in-Charge of Parija Library, Guest of Honour Prof. B. Satapathy, Chairman, PG Council, Chief Guest Prof. Soumendra Mohan Pattnaik, Vice-Chancellor, Utkal University, Dr. S. P. Mishra, Coordinator, *Vishleshan*. On the occasion, three prizes for the best research was awarded from among the participants under each of the faculties.

For over 75 years now, Utkal University has been rendering a splendid service to the nation in the field of education, research and academics. 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.

Postgraduate Departments

Department of Analytical and Applied Economics

A brief profile of the Department

Department of Analytical and Applied Economics was established in 1956, as Department of Rural Economics and Sociology with an initial grant from the Ford Foundation. The Department started its work from Burdwan House in Cuttack. As Ravenshaw College, Cuttack, was already running a 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.

A year-long Diploma course in social science research was introduced in 1960 and the Department of Rural Economics and Sociology was also shifted from Burdwan House, Cuttack, to the Utkal University campus in the capital city of 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 State Bank of India also recognised the academic and research contribution of the department and instituted a Chair in Rural Economics in 1981, by creating an Endowment of Rupees six lakhs and it functioned till 2000. This was followed by Reserve Bank of India (RBI) instituting a Chair in Institutional Finance in 1982 which is still functional. As a leading teaching and research center in India, the department holds regular seminars, conferences, discussions and interactive sessions in the areas of social sector economics, rural economics, environmental economics, agricultural economics etc.



National Conference on Inclusive Green Growth in India: A Pathway to Sustainable Development held on 18-19 January 2019

Facilities available

The Department has class rooms with LCD projectors and Internet along with a Computational and Networking Laboratory with 24 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 4,460 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

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

MPhil [10 seats per batch]

PhD [08 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. Swayam Prava Mishra

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

- A national seminar on the topic “Inclusive Green Growth In India: A Path Way To Sustainable Development” was organised in January 2019 which hosted a volley of domain experts and scholars who deliberated on the topic. Prof. Sudhakar Panda, former professor of this department and current vice chancellor of Birla Global University, Dr. Pradyot Ranjan Jena, Professor Radha Mohan, former information commissioner, Dr. Amarendra Das, NISER, Bhubaneswar are a few names to mention.
- As part of the curriculum, 84 individual seminar presentations by Semester IV students were held relating to topics on National Rural Health Mission, Sarba Sikhya Abhiyan, MGNREGA, Groundwater resources, Financial Inclusion, gender gap, water and sanitation etc which were evaluated by invited external experts.
- 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.
- During the summer vacation Ms Soumya Mishra, a student of the department interned with the RBI and successfully submitted her project.
- Another two students of the department Ms Sabina Begum and Ms Rashmin Moharana attended the training workshop on skill development for youth employability and entrepreneurship organised by V.V GIRI National Labour Institute in collaboration with NCDS.
- A total of 08 students from the department qualified NET/JRF.
- As a part of the pursuit of knowledge dissemination, this year we had organised a seminar on “Post-budget discussion on Odisha budget” in collaboration with Odisha Economic Association which was attended by the Principal Secretary Finance and the Budget Officer, Government of Odisha, many academicians, financial analysts and scholars from the universities.
- We have been extremely privileged to host seminars delivered by Professor Thomas Reuter, Professor Asia institute of University of Melbourne, Shri Deepak Kumar Das of Indian Economic Service, and Shri Anshuman Kamila, manager, D.E.P.R, Reserve bank of India and the topper of Indian Economic Service, 2019. Shri Amit Kumar Tripathy, Executive director SHINE Group gave a motivational talk to the students.

Thrust Areas of Research

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



National Conference on Inclusive Green Growth in India: A Pathway to Sustainable Development held on 18-19 January 2019

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

Mitali Chinara:

- **“A Quantitative Exploration into the Gender Wage Gaps in Rural Wage Markets”**, published in the Orissa Journal of Commerce, (ISSN: 0974 - 8482), Vol XXXX, No. IV, October – December, 2019, (pp. 07-19) (Co-Author: Anshuman Kamila)

H S Rout:

- **“Mineral Economy: An International Comparison”**, FOCUS: Journal of International Business (ISSN: 2347-4459), 6(2):23-42.(Co-author: Sahoo, P. K)
- **“Contributions of Education to Income in Service Sectors of Odisha: A Gender Perspective”**, *The Journal of Institute of Public Enterprise* (ISSN: 0971-1864), 42(1): 99-108 (Co-author: Ananya Mitra)

S S Mohanty:

- **“Do Disasters Discriminate? An Analysis of Economic Loss Incurred in Uttarakhand Disaster 2013 for Different Social Groups”**, published in Economic Affairs, (DOI: 10.30954/0424-2513.2018.00150.11), Vol. 64 (1), pp. 01-15, March 2019 (Co-Authors; Manoj Kumar Pant, Annie Rath, Navneet Rajoria)

A R Behera:

- **“Does Institutional Credit drive Agricultural Growth: Evidence from Odisha”**, International Journal of Applied Social Vol. 6(2) ISSN No: 2394-1405 Pp: 268-273 Feb, 2019.

Swayam Prava Mishra:

- **“The Hidden Backbone of our Economy: A Study on Value Assessment of Homemaking”**, Vol. LII, No.4 & Vol. LIII, No. 1, October 2018 – March 2019, pp. 23-40, Manpower Journal (ISSN 0542 5808).
- **“The Extent of Financial Inclusion in the North-Eastern States of India”**, Vol. 60, Issue 3, May – June 2019, pp. 355-367, Indian Journal of Social Research (ISSN 0019-5626).

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 Art – [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 World Heritage Day by Dr. Bk. Rath, Former Superintending Archaeologist, Odisha State Archaeology, Govt. of Odisha and Dr. Jeeban Kumar Patnaik, Former Superintending Archaeologist, Excavation Branch IV, ASI, Bhubaneswar on 18.04.2019.
- Special Lecture on Early State Formation in Odisha by Dr. Prafulla Kumar Mohanty, President Odisha History Congress on 27.04.2019.
- Special Lecture on Antiquity Regulation and Retrival of Indian Heritage from Abroad by Dr. D. N. Dimri, Former Joint Director General, ASI on 08.11.2019.
- Special Lecture on Evolution of Human Culture in Archaeological Perspective by Dibishada B. Garanayak, Superintending Archaeologist, Delhi Mini Circle, ASI, New Delhi on 16.11.2019.

Field Tours

- 05.02.2019 to 15.02.2019 - Field training in methods of Exploration and Excavation at Asurgarh, in the Narla Block of kalahandi 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 Asurgarh excavation site.
- 25.02.2019 - 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.
- 17.01.2020, field visit to Monuments of Bhubaneswar for on the spot study for the 4th 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. Presented a paper on Documentation of Temple Art and Architecture and its Relevance in the National Workshop on Archaeology in Odisha : A Brainstorming Session for Future, organised by Odishan Institute of maritime and South East Asian

Studies, Department of Odia language, Literature and Culture, Govt. of Odisha on 26th February 2019.

2. Member in the reconstruction (Structural & Administrative) of the Odisha State Archaeology, Govt. of Odisha – 2019.
3. Course Coordinator, Refresher Course in History and Archaeology, Utkal University, 05.11.19 to 18.11.19.

Dr. S. K. Patra

1. Presented a Paper on *Narrating Local History in Archaeological Perspective in the National Seminar on Revisiting Odisha's Past: New Historical perspective* on 25th January, 2019 conducted by Department of History, Utkal University.
2. Danda Yatra – a Rural Tradition in Ganjam and Nayagarh District : A Study. Paper presented in ICHR Sponsored National Seminar on Depiction of Rural History through Folk Literature: A Study on South Odisha, 27-28 January, 2019 at K.S. College, Narendrapur, Odisha.
3. Vishnu Temples of Nayagarh District, Odisha : A Study. . Paper presented 40th Annual Session of Odisha History Congress, 27-28 January, 2019 at K.S. College, Narendrapur, Odisha.
4. Development of Temple Architecture in Odisha: In Eastern Indian Perspective paper presented in the Seminar on Art & Architecture of Eastern India conducted by Department of Tourism, Culture, Sports & Youth Affairs, Directorate of Culture, Government of Jharkhand on 15th – 16th February, 2019.
5. Presented a Paper on Somanath Temple at Ghoradia : A Study. In the Regional Session of Odisha History Congress at S.C.S College, Puri on 24th February, 2019.
6. Participated in the National Workshop on “Archaeology in Odisha; A brainstorming Session for Future” at Kalinga Convention Hall, Panthaniwas, Bhubaneswar on 26th February, 2019.

Dr. A. Behera

1. Newly Discovered Archaeological Sites of Odisha: An Analysis, *Odisha Historical Research Journal*, Vol. LuI No. 1&2, p.34-46. 2019, Odisha State Museum, Bhubaneswar, ISSN (0474-7269)
2. New Facets of Archaeology of North Odisha, Proceedings of ICSSR Sponsored National Seminar Entitled “Mapping the Future Human: An Anthropological Perspective, Page-175-179. 2019

3. A Preliminary Study of Knobbed ware from Odisha, Man and Environment, Volume XLIV, No1, p.82-89. 2019, with co-authors Sila Tripathi and others, Deccan College, Pune, ISSN (0258-0446)
4. Presented a paper on Bilingual Inscriptions Telugu Odia on Nagarihill Athagarhpatna Ganjam at 43th Annual Session of Andhra Pradesh History Congress, S.K.V.T. Collage, Rajamahendravaram, Andhrapradesh on 5th-6th January 2019.
5. Presented a paper on New Facets of Archaeology of North Odisha at ICSSR Sponsored National Seminar Entitled “Mapping the Future Human: An Anthropological Perspective, Jointly Organized by The Department of Anthropology and Department of History Fakir Mohan Autonomous Collage Balasore, Odisha on 18th– 19th January 2019.
6. Presented a paper on Chalcolithic Site KichakahudaTangi, Cuttack at 40th Annual Session of Odisha History Congress, organized by Department of History, at K.T.S Collage Narendrapur, Berhmpur, Ganjam on 27th-28th January, 2019.
7. Presented a paper on Composition Of Paiks at National Seminar on Resisting Dominance; Situating Khurda in Early Anti-Colonial Resistance 1804 at P.G. Department of History, Utkal University in collaboration with Saheed Jayee Rajguru Foundation, New Delhi on 7th April .2019.
8. Presented a paper on Different Dimension of Buddhist Archalogy of Odisha with a Broader India Perspective at International Seminar on Buddhist Archaeology of Telengana, Buddhavanam Project, TSTDC & Department of Heritage, Telengana (In the Telengana Bouddha Sangiti–2019), Hyderabad, Telengana, India during 16th - 19th November **2019**.
9. Presented a paper on New Findings and interpretations of Herostones at Indian History Congress 80th Session, Kannur University, Kannur, Kerala during 28th-30th December 2019.

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

A 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, Indira Gandhi Rashtriya Manav Sangrahalaya, Madurai Kamraj University, Deccan College, Pune etc. At present Department has sighed 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.



Competition on presentation of Research Posters

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 - 34

M. Phil - 10

Ph. D. – As per vacancy

Faculty

Professors

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/Invited Lectures

1. Dr. Rituparna Bose, IIPH was invited to deliver a lecture on Perception of weight and body size among young female was organized.
2. Dr. Sanjeeb Sahu, Scientist E, ILS was invited to deliver a lecture on Nanotechnology in our everyday life was organized.
3. The Department organized one Platinum Jubilee Distinguish Lectures delivered by Padmashree Prof. Tomio Mizokami on the topic “India-Japan Relationship, History and Perspective held on 24th August 2019.
4. As the department has the distinction of being first National Resource Centre (NRC) in Anthropology in Odisha. The faculty members of the department coordinated the preparation of 40 Moocs in Anthropology, which are launched on SWAYAM platform.

5. Professor Sabita Acharya chaired one session and presented paper on “Indigenous Knowledge System” in the National Seminar organized by Indian Anthropology Congress held at Sabitree Bai Phule University, Pune from 21st to 23rd February 2019.
6. Professor Sabita Acharya acted as Convenor of the National Seminar on “Internationalization of Higher Education in India and Odisha’, organized by International Office held at Utkal University, Bhubaneswar on 31st March 2019.
7. Professor Sabita Acharya visited Goethe University, Frankfurt, Germany as an Invited speaker on the 17th April 2019.
8. Professor Sabita Acharya visited Humboldt University, Berlin, Germany as an Invited speaker on the 15th April 2019.
9. Professor U. Aparajita, presented a paper on “Identity Crisis among the Kulis of Western Odisha in the Context of Economic Structure and Reservation Policy”, National Seminar conducted by the Department of Anthropology, Pondicherry University, Puducherry on the theme ‘Tribal Cultures in Transition: Issues of Identity, Sustainability and Development from 01-02 August 2019.
10. Dr. K.C. Satapathy presented a paper on “Tribal issues of tribal Health in Odisha, in the National Seminar at F. M. Autonomous College, Balasore on 18th and 19th January, 2019.
11. Dr. K.C. Satapathy presented a paper on “Tribal health and nutrition in Odisha: Issues and Challenges”, in the International Conference on Understanding Tribes in the Neo-liberal Era, 9-10th March, 2019.
12. Dr. P.K. Patra as Coordinator of JLPP, Department of Anthropology, organized a Platinum Jubilee Distinguish Lecture delivered by Padmashri Prof. Tomio Mizokami on the topic “India–Japan Relationship - History and Perspective”, held at Utkal University on 24th August, 2019.
13. Mr. D. Sahoo attended and chaired a Parallel Technical Session at National Seminar on “Narrating Local History: Community, Caste and Tribe in Odisha” organized by P.G. Department of History, Utkal University, Bhubaneswar, India on 25th January, 2019
14. Mr. D. Sahoo presented a paper on “*Prehistoric Context of the Lower Mahanadi Valley, Odisha*” in the International Conference on Understanding Tribes in the Neo-liberal Era, organized by P. G. Department of Anthropology, UGC-Centre of Advanced Study, Utkal University, Bhubaneswar, Odisha, Supported by NALCO, Bhubaneswar, India on 9-10th March, 2019.
15. Mr. D. Sahoo attended and chaired a Parallel Technical Session at National Seminar on “ Resisting Dominance: Situating Khurda in Early Anti- Colonial Resistance of 1804” organized by P.G. Department of History, Utkal University, Bhubaneswar in Collaboration with Saheed Jayee Rajguru Foundation, New Delhi on 06th April, 2019.

16. Mr. D. Sahoo as an invited speaker delivered lecture on “Rock Art of India with special reference to Central India and Odisha” in the Seminar organized by Department Anthropology, B. B. (Autonomous) Mahavidyalaya, Chandikhole, Jajpur, Odisha on 07 December, 2019.

Field Tours

Specialization	Area of Field Study	Population/Community
Social-Cultural Anthropology(Group-A)	Banarpal, Angul	Among the Santhal community
Biological Anthropology (Group-B)	Kundhei, Bansapal, Keonjhar	Among the Juang community
Archaeological and Paleocultural Anthropology (Group-C)	Palaspanga, Keonjhar	Archaeological Survey around the River Ardei in Palaspanga area, Keonjhar
Development Anthropology (Group-D)	Nuapatna, Cuttack	Weaver communities of Odisha

- Two days Photographic Exhibition was organized in collaboration with SCSTRTI.
- The students visited Kala Bhoomi Odisha Craft Museum.



Field work of students from fourth semester

Papers Published by Faculties

1. Acharya, S. (2019) "Health Seeking Behaviour Patterns among Desia Kandha Populations in Odisha" published in *The Research Journal of Social Sciences (RJSS)*.
2. Acharya, S. (2019) "Widowhood, Empowerment and Development of Hindu Women in Indian Society with special reference to Odisha" Published in the annals of conference proceedings of 18th IUAES World Congress held at Florianopolis, Brazil.
3. U. Aprajita (2019) "Constructing a generalized model of the human development index, Socio-Economic Planning Sciences", Elsevier, Available online 11 December 2019.
4. Sahoo, D. (2019) "Rock Shelters and other antiquities of Prehistoric Times in the Lower Mahanadi Valley, Odisha, India" Submitted for publication in the proceedings of "Recent Trends in Ethnoarchaeological Studies in India" by Department of Anthropology and Department of History, Government College (Autonomous), Bhawanipatna 20-21 February, 2019.
5. Satapathy, K. C, P. K. Patra and J. Badamali (2019) Epidemiology of Blood Pressure among the tribes of Nabarangpur District, Odisha, In: N. Panigrahi (Ed.) Tribal Economy, Culture and Society in India, Concept Publishing Company Pvt. Ltd, New Delhi.
6. Satapathy K.C, P. K. Patra and S. Mohapatra (2019). "Epidemiology of Blood Pressure among the Tribes of Odisha", pp-291-312 In. M. C. Behera (Ed.), *Shifting Perspective in Tribal Studies, Springer*.
7. Satapathy, K.C. (2019): Tribal Health in Odisha: Issues and challenges, proceedings of ICSSR sponsored National Seminar on "Mapping the Future Human: Anthropological Perspective, F. M. (Auto) College, Balasore 18-19 January, 2019.
8. Satapathy, K.C. and L. K. Sahoo (2019): Bhunjia Indigenous Knowledge, Resource Management and Development, proceedings of ICSSR sponsored National Seminar on "Mapping the Future Human: Anthropological Perspective, F.M. (Auto) College, Balasore 18-19 January, 2019 pp-199.
9. Naik. S.K, Daitari Sahoo, Sasmita Nayak, (2019) "Archaeological Investigation In and Around Raruan, Northern Odisha" Submitted for publication in the proceedings of National Seminar on "Recent Trends in Ethnoarchaeological Studies in India" by Department of Anthropology and Department of History, Government College (Autonomous), Bhawanipatna, 20-21 February, 2019.
10. Naik. S. K. (2019) "Cultural Museum: A Repository of Ethnographic Specimens, Department of Anthropology, Utkal University, Odisha" Submitted for publication to Indira Gandhi Rashtriya Manav Sangrahalaya, Bhopal.

11. Khurana, P. (2019). “Archaic Homosapiens”, In Book Fundamentals of Human Origin and Evolution, IGNOU.

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 of Biotechnology

Post Graduate Department of Biotechnology was 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.



Laboratory facilities in Department of Biotechnology, Utkal University

Facilities available

The Department has well equipped laboratories with number of sophisticated equipment 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 in Biotechnology

Ph.D. in Biotechnology

The department selects 14 students through JNU-CET (merit List provided by JNU) and 4 students University Examination sponsored by Science & Technology Dept. Govt. of Odisha.

Faculty

Professor: Prof. J. Dandapat (HOD)

Reader: Dr. Sabuj Sahoo

Lecturer: Dr. Jyotsnarani Pradhan, Dr. Sanatan Majhi

Number of PhD. research scholar under each faculty

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

Invited Lectures

Invited talks by experts are a great way to enhance the student's educational experience and it promotes better outcomes. The department has always strived to bring innovation into the teaching experience. In 2019 Dr. Sandip K.Mishra & Dr. Amol Suryawanshi both Scientists from ILS, Bhubaneswar; Dr. Sanjeeva Srivastava, Professor, IIT Bombay and Prof. Utpal Tatu, Professor, IISc, Bangalore graced the department as guest speakers.

Seminars/Workshops Organised

The department organised a one day National Seminar on Proteomics in Public Health on 15th March, 2019. Proteomics is a key tool in health research because it has made possible systematic analysis of hundreds of proteins in clinical samples with the promise of discovering new protein biomarkers for different disease conditions.

The department had also proposed a two day National level workshop on on "Basic Approaches in Genomics" sponsored by Department of Science and Technology, Govt. of Odisha. The proposal was accepted and a fund release order has also been issued.

Other Seminars/Workshops attended by Students

A few Students of the Department attended Indian Science Congress on 3rd January to 7th January, 2019 at Lovely Professional University, Jalandhar, Punjab. Apart from that students were also taken on an Industrial viist to Oxalis Pharmaceutical Pvt. Ltd & Trans Asia Biomedical Ltd, Himachal Pradesh on 4th January 2019.

Establishment of Center of Excellence (CoE)

Prof. J. Dandapat is the acting Coordinator of CoE “Integrated Omics & Computational Biology under World Bank and Co- coordinator of CoE “Environment, Climate change & Public Health under RUSA 2.0

Projects/Research

Name of the funding agency	Year	Coordinator/Principal Investigator	Project Title
AYUSH, Govt of India in collaboration with CCRH, Applied	2019	PI, Prof. J. Dandapat, Co-PI, Dr. J.Pradhan & Prof GBN Chainy	Efficacy of Homeopathic medicine (30C) on propyl thio uracil induced hypothyroid rats.
Odisha University Research and Innovation Incentivisation Plan (OURIIP)	2019	PI-Dr. Sanatan Majhi	Development of Lateral flow based Immuno-diagnostics for Brucellosis”
Odisha University Research and Innovation Incentivisation Plan (OURIIP)	2019	PI-Dr. Jyotsnarani Pradhan	Isolating, characterization and screening of bioactive compounds with UV-Protective and antioxidant potentials from the red algae, Gracilaria verrucosa from chilka lake”

Published Papers by Faculty Members

1. First report on transferring in the silkworm, *Antheraea mylitta*, with a putative role in antioxidant defense: Insights from proteomic analysis and immunodetection. Abinash Dutta, Jagdishwar Dandapat, Nakulananda Mohanty. Comparative Biochemistry and Physiology Part B: Biochemistry and Molecular Biology 2019; 233 (23-34); doi.org/10.1016/j.cbpb.2019.03.010.

2. Isolation, identification, and quantification of Pentylcurcumene from *Geophilarepens*: A new class of cholinesterase inhibitor for Alzheimer's disease. Umesh Chandra Dash, Satish Kanhar, Anshuman Dixit, Jagnehswar Dandapat, Atish Kumar Sahoo. *Bioorganic Chemistry* 2019; 102947. doi.org/10.1016/j.bioorg.2019.102947.
3. Curcumin restores hepatic epigenetic changes in propyl thiouracil (PTU) Induced hypothyroid male rats: A study on DNMTs, MBDs, GADD45a, C/EBP- β and PCNA. Suresh Kumar Bunker, Abinash Dutta, Jyotsnarani Pradhan, Jagnehswar Dandapat, G.B.N. Chainy. *Food and Chemical Toxicology* (2019). 123. doi.org/10.1016/j.fct.2018.10.050.
4. Protective efficacy of crocetin and its nanoformulation against cyclosporine A-mediated toxicity in human embryonic kidney cells. 2019, Pradhan J, Mohanty C, Sahoo SK, *Life Sciences* 216; 39–48.
5. Nano-based approach to combat emerging viral (NIPAH virus) infection. Rout George Kerrya, Santosh Malikb, Yisehak Tsegaye Reddaci, Sabuj Sahooa, Jayanta Kumar Patrad, Sanatan Majhia. *Nanomedicine: Nanotechnology, Biology and Medicine*. 2019. <https://doi.org/10.1016/j.nano.2019.03.004>.

Book chapters

1. 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].
2. Sheela Kumari Sahooa and Sabuj Sahoo, Exploitation of Fibrinolytic Enzymes in Combating Blood Clotting Disorders - Recent Advances and Strategies: A Comprehensive Review in the edited book "Recent Advances In Pharmaceutical Biotechnology And Future Medicine" which will be published by Cambridge Scholars Publishing, UK, [Accepted]
3. Saheli Saha, Susmita Ghosh, Smruti Malinee Sahoo & Sabuj Sahoo, Production of Therapeutic Proteases: Current Advances and Future Prospective in the Edited book "Microbial Fermentation and Enzyme Technology" to be published by Taylor & Francis. (Under process).

Post Graduate 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 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 "*Parijatak*". 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 JUBLEE’ 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



Golden Jubilee Celebration, Department of Botany, Utkal University

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.	Microalgae from Mangrove Ecosystems of Odisha: Bio-prospecting for Bio-plastics and Bio-fuel production	S&T, Govt. of Odisha	2017-2020	Ongoing
5.	Characterization and biodegradation of polyhydroxylalkanoates (PHA) from <i>Synechocystis</i> sp. PCC 6803	Seed Grant- Utkal University	2017-2019	Completed
6.	Axenic culture of <i>Claroideoglomus claroideum</i> and its application on micro-propagated plants	S&T, Govt. of Odisha	2018-2021	Ongoing
7.	Short term Research and Studies on Forest Fire Crisis occurring in the State	Department of Forest, Govt. of Odisha	2019	Ongoing

8.	Startup-Grant for UGC-Faculty Recharge Programme	UGC, Govt. of India	2017-19	Completed
9.	Operational, analysis & maintenance of MAPAN-AQMS station at Utkal University	Ministry of Earth Sciences, Govt. of India	2016	Ongoing
10.	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

c. 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, GufranBeig,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 *Drimys indica* (Roxb.) Jessop (Hyacinthaceae) as revealed from karyotype analysis. Plant Sciece 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 physiolochemical 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.



The Business Administration Department of Utkal University

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

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

Assistant Professors

4. Dr Rashmita Sahoo
5. Dr Pallabi Mishra

Readers

1. Dr Dasarathi Sahu

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



Department of Business Management organised the event *Parichaya*

Seminars/Workshops Organised

The Department organised a four day long national workshop titled “Farmer Producer Organizations”. It was held from 15th to 18th February. The Department also organised various events which are listed below.

- Marketing of vermi-compost & other self-produced products in Krushi Mela by students of MBA (Agribusiness) January 2019
- “Street food festival” - (26th- 28th January 2019) - The different food items were prepared by students in groups according to the culture and tradition of their state Origin
- Alumni Meet 2.0 - on 9th November 2019 - over 150 Alumni Participated in the event where a souvenir “*Corporate Talk on CSR on Nation Building*” was released.

Ongoing Research/Project

The Department is working on a student run project named Agri- Living lab in the Premises of the department. It is working on integrated farming concept; Vermi-compost, Apiculture, aqua phonic, Biopesticides with Growing of Tomato, Brinjal, Broccoli, French beans, Cucumber and Amaranthus , etc.



Hon'ble VC, Utkal University Prof Soumendhra Mohan Patnaik addressing the participants of the event 'Crossroads' organised by Department of Business

Published Papers by Faculty Members

Dr. Dasarathi Sahu: "Trends of interest income and non-interest income in Indian Banks after the global financial crisis; with a special reference to SBI and ICICI" - R. Guha, Dr. P.K. Hota & Dr. D. Sahu, International Conference on Business Innovations, Sustainability and Entrepreneurship (White Falcon Publishing) ISBN:978-93-88459-62-4) First Edition, 2019, pg. 127-136

Dr. Dasarathi Sahu: "Corporate Social Performance of Indian FMCG Companies: A study on Social and Environmental Concerns" - B. Mallik, Dr. D. Sahu & Dr. S.R. Dash, The Management Page: A Referred Bi-Annual Journal of RCEM ISSN:2231-220X, Volume:9 Issue:2, March 2019, pg. 77-88

Dr. Dasarathi Sahu: "A Study on Relationship between Corporate Governance Practices and Financial Performance of Selected Scripts of BSE30 Index, A. K. Sahu, D Sahu & S. S. Debasish, Edited Book on "Contemporary Issues and Challenges in Finance and Taxation" ISBN; 978-93-86714-64-0 First Published 2019 pg. 50-63

Dr. Pallabi Mishra: The Gandhian Charkha- from sunset to sunrise", Global Journal of Business Management 13 (2), 16-26, 2019. ISSN: 0973-8533. UGC:44529

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

Utkal University's Department of Chemistry was established in 1967 and in the last 52 year has covered a long and illustrious journey of 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 to its credit a large number of alumni that are of high quality and these human resources are performing with high calibre in Chemical Sciences by occupying important academic/research and industrial positions in India and abroad. The latest market oriented and competitive syllabi at all levels has a lot to contribute to attracting the best and committed students to the Department. 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 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 Silver Jubilee (1992) and Golden Jubilee (2017) was celebrated by the Department with great pride and honour. While, an international conference on "Molecules to Materials" was organised to mark the 25th year of its existence, the Department organised an International

Conference on “Recent Advances in Materials Chemistry”, to mark its Golden Jubilee celebrations.

Collaboration with over 20 national and international Institutes & Universities has been established by the Department for research in areas of mutual interest with the aim to award Ph.D. degrees and contribute to Publications.



Hon'ble VC, Utkal University Prof Soumendra Mohan Patnaik in the inaugural session of National Seminar on “Advances on Materials Chemistry and Applications”, 23-24 February, 2019, organised by Department of Chemistry

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 nano composites
- Nano-bio composite and polymer synthesis
- Polymeric/nano-adsorbents for environmental applications
- Photo- and electro- catalytic nano materials
- 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 Photo catalysts	DST (O)	Dr. S. K. Badamali	2018-21
Synthesis of Luminescent Materials.....Pt (II) Complexes	DST (O)	Dr. S. N. Pal	2018-21
Computational Investigation on.... Cooperative reactions	DST, GOI	Dr. H. K. Kisan	2019-22
Transition State Modeling on Asymmetric Reactions	DST (O)	Dr. H. K. Kisan	2019-22

Achievements

- a. Seminars/Symposia/Conferences/Lectures etc

- The Department of Chemistry has organised about 20 Seminars, Symposia and attended Conferences (National/International)
- About 7 invited guests have delivered talks
- The Department has awarded 5 PhDs
- Senior faculty Prof. N. Das has been selected and successfully completed a 'Leadership for Academicians Programme (LEAP)' sponsored by MHRD, Govt. of India, in partnership with Tata Institute of Social Sciences (TISS), Mumbai and University of Pennsylvania, USA.

b. NET/JRF

- About 16 students qualified NET/LS/ JRF during the year 2019, 14 students qualified GATE and 02 received other fellowships and 17 students received government scholarship

d. Field Tours / visits if any

- The Department organised one field trip 2019

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

About 24 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.



Students of the Department of Chemistry

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.

Post Graduate 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.



24th Installation Ceremony organised by Department of Commerce

Programmes Offered

Masters in Commerce [56 seats]

M.Phil- [10 seats]

PhD [10 seats]

MBA (Financial Management) [40 seats]

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

- National Seminar and All Odisha Commerce Conference held on 3-4 February 2019.



Welcome ceremony for delegates from Sochi International Academy, Japan

Awards

- Prof. Manubhai M Shah Memorial Research Gold Award from Annual Conference of the Indian Commerce Association in Bhubaneswar, Odisha on 24th December, 2019 for the paper entitled ' Measuring the effect of Degree of Leverage on Cash Holdings: A study of selected Indian Manufacturing firms' at 72nd All India Commerce Conference held at KIIT University, Bhubaneswar on 22nd – 24th December, 2019.(Dr. R. K. Swain)
- ISER Excellent Paper Award from International Society for Engineers & Researchers and South Asian Research Centre in Bangkok, Thailand on 22nd August 2019 for the paper entitled "Is there any significant Difference between Ind AS & their

corresponding IAS/IFRS? A Comparative Analysis” at ISER International Conference held in Bangkok, Thailand on 21st – 22nd August 2019. .(Dr. R. K. Swain)

- Best Research Paper Award from Berhampur University, P.G. Department of Commerce on 29th& 30th January 2019 for the paper titled “Relationship of Corporate Governance and Capital Structure of Firms: An Impact study of BSE Listed Manufacturing Companies” presented in National Seminar organized by P.G. Department of Commerce, Berhampur University. .(Dr. R. K. Swain)
- Best Research Paper Award from All India Accounting Association on 5th& 6th January 2019 in Jaipur for the paper titled “IFRS & Measurement of Firms Performance Valuation: A Study of Indian MNCs” presented in International Seminar organized by All India Accounting Association in collaboration with School of Business & Commerce, Manipal University, Jaipur. .(Dr. R. K. Swain)

Papers Published by Faculties

- Innovative Management of Fundamental Value Drivers to enhance the Market Price of the Stock: A case study of Indian Automobile Sector in International Journal of Research and Analytical Reviews, Volume 6, Issue 1, January- March, 2019, pp 158-165. [ISSN 2349-5138]
- Impact of e-banking on the profitability of Indian banks; with a special reference to SBI and ICICI in Management and Labour Studies, SAGE Publications. [ISSN: 0258-042X]
- Does Flexibility of Employee Management Relationship influence the operational performance of firms? A Case Study” in Journal of Operations and Strategic Planning, Volume 1, Sage Publication, 2019, PP:1-13[E-ISSN: 2516-6018 and ISSN: 2516-600X]
- The Effects of Introducing Currency Futures on Spot Exchange Rates – A Review of Related Literature in International Journal of Management Studies, Volume VI, Issue I(6), January 2019 [ISSN – 2249-0302 and EISSN-2231-2528]
- Determinants of Cash Holdings: A Study of Manufacturing Firms in India in International Journal of Management Studies, Volume VI, Issue-2, April 2019 [ISSN: 2249-0302]
- Cash Holdings Scenario in Indian Manufacturing Firms: Evidence from Financial Crisis in International Journal for Research in Engineering Application & Management, Volume 05, Issue01, April 2019 [ISSN: 2454-9150]
- Does Digitization of Banking Sector Help Achieve Value Maximization & Better Performance? An Analysis of Scheduled Commercial Banks of India in UGC listed peer-reviewed International Journal of Engineering Development and Research (IJEDR), Volume 7, Issue 2, June 2019, pp. 442-448 [ISSN: 2321-9939]

- “Cash Holding & Its Determinants: A Study of Cotton & Textile Industry in India” in UGC CARE listed peer-reviewed The Orissa Journal of Commerce, Volume XXXX, Issue II, June 2019, pp. 1-13 [ISSN: 0974-8482]
 - Accounting Diversity and Firms’ Value: A Comparative Study of Ind AS & IGAAP in UGC listed peer-reviewed MERC Global’s International Journal of Management, Volume 7, Issue 3, July 2019, pp. 229-235 [ISSN 2321-7278 (Print) and ISSN 2321-7286 (Online)]
 - Impact of CSR on Financial Performance: An Empirical Analysis of Indian Banks in UGC Care listed peer-reviewed The Indian Journal of Commerce, Volume 72, No. 3 & 4, 2, July – December 2019, pp. 50-60 [ISSN: 2454-6801]
- “Degree of Leverage and its impact on cash holdings in Indian Manufacturing Firms” in UGC Care listed peer-reviewed The Indian Journal of Commerce, Volume 72, No. 3 & 4, 2, July – December 2019, pp. 50-60 [ISSN: 2454-6801]

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

Post Graduate Department of Computer Science

A brief profile of the Department

Established in the year 1990, the Department of Computer Science was born 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. 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

Masters in Computer Application [40 seats]

M. Tech (CSE) [30 seats]

IMCA [60 seats]

M. Sc (CS) [40 seats]

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. Haraprasad Naik
2. Shri. Biswojit Nayak

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 organised quite a few workshops and training camps in the year 2019. The 2nd Annual Tech Fest was organised during 5th – 7th April. The Department also hosted Global Azure Bootcamp sponsored by Microsoft on 27th April. It was organised by Utkal Techies Forum. The bootcamp had a full day of deep dive sessions on Azure for Developers and IT Pro's delivered by the experts. There was a technical workshop by TCS on 31st August and LIT organised a Python workshop on 20th September which was hosted by the Department. There also was a seminar on IoT on 2nd November by Lakshya.

Field Tours

The Department had organised a study tour for the students from 27th December 2019 to 8th January 2020.

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. Debi Prasad Mishra, Satyasundar Mahapatra, Sateesh Kumar Pradhan, “Performance Improvement of Intrusion Detection Systems”, International Journal of Innovative Technology and Exploring Engineering (IJTEE), ISSN: 2278-3075, Volume-8, Issue-10, August 2019
2. Sahoo, Ramesh Chandra, Sateesh Kumar Pradhan, and Somesh Kumar. "A Study on Hopfield Neural Networks for Its Capacity And Applications."
3. PatiChinmayee ;TripathyAjaya Kumar ; Panda Ashok Kumar ; Pradhan Sateesh Kumar “Convolution and Recurrent Neural Network Fusion for Human Action Recognition in Controlled Environment”, Vol-4 | Issue-6 | June 2019 | Published Online: 10 June 2019.
4. Mrutyunjaya Panda, Software defect prediction using hybrid distribution base balance instance selection and radial basis function classifier, International Journal of System Dynamics Applications (IJSDA), Vol. 8, Issue 3, 53-75. 2019. IGI Global, USA. Web of Science ESCI indexed.
5. Mrutyunjaya Panda, Shaswati Mishra, Medical Image Thresholding using Genetic Algorithm and Fuzzy Membership Functions A Comparative Study, In: Special Issue Submission: Fuzzy Techniques in Data Clustering, Image Processing and

Applications, International Journal of Fuzzy System Applications (IJFSA) Volume 8, Issue 4, Article-3, 2019. In Press. Scopus and DBLP indexed

6. Mrutyunjaya Panda, S. Mishra, Medical image retrieval using self-organising map on texture features, Future Computing and Informatics Journal, 3(2), 359-370, Elsevier.
7. Sahoo, M., Singhar, S. S., Nayak, B., & Mohanta, B. K. (2019, July). A Blockchain Based Framework Secured by ECDSA to Curb Drug Counterfeiting. In 2019 10th International Conference on Computing, Communication and Networking Technologies (ICCCNT) (pp. 1-6). IEEE.



Students and faculties of Department of Commerce, Utkal University

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 quality publications, participation in academic events and membership 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.



Mr. Abasar Beuria, former Ambassador of India to Madagascar, addressing the gathering, on the occasion of Annual Day, 10th April 2019



1st Golden Jubilee Lecture by Dr. Yudit Greenberg on the topic “Desire, Devotion and Love in the Sacred Sanskrit and Hebrew Poetry of *Gita Govinda* and *Song of Songs*” from Rollins College Florida, USA on 29 April 2019



2nd Golden Jubilee Lecture by Dr. Stephanos Stephanides, former Professor of English and Comparative Literature at University of Cyprus, on the topic “Cross Cultural Identity, Memory and Its Representation” on 25 July 2029

Programmes Offered

M.A in English [40 seats]

M.Phil in English [as per the availability of Supervisors (maximum 10)]

PhD in English [as per vacancy]

Faculty

Professors - Dr. Asima Ranjan Parhi (H.O.D)

Associate Professors - Nil

Assistant Professors – Mr Pulastya Jani and Dr. S Deepika

Thrust Areas of Research

- Translation
- Cultural Studies

Ongoing Projects/Research

Project titled “History of English Studies in Odisha” Dr. S Deepika as the Principal Investigator, Mr. Pulastya Jani Co PI, Utkal University Seed Research Grant of Rs 75000/-

Invited Lectures

The department organised several Invited Lectures to enable its students update them with fresh perspectives. Here is a list of those held in 2019.

1. Special Lecture by Mr. Abasara Beuria, former Ambassador of India to Madagascar, on the Department Annual Day on 10th April 2019.
2. 1st Golden Jubilee Lecture by Dr. Yudit Greenberg on the topic “Desire, Devotion and Love in the Sacred Sanskrit and Hebrew Poetry of *Gita Govinda* and *Song of Songs*” from Rollins College Florida, USA on 29 April 2019
3. 2nd Golden Jubilee Lecture by Dr. Stephanos Stephanides, former Professor of English and Comparative Literature at University of Cyprus, on the topic “Cross Cultural Identity, Memory and Its Representation” on 25 July 2019.

Refresher Course

Prof. A. R. Parhi from the department coordinated a Refresher Course in Indian Languages and Culture held at UGC HRD Centre, Utkal University from 04.01.2019-24.01.2019.

In addition to the above, there was an Academic Training Programme for English Teachers organized at the Department by WB-OHEPEE from 5-11 August 2019 which was coordinated by Dr. S Deepika.



Hon'ble VC, Prof Soumendra Mohan Patnaik, with other guests at Refresher Course in Indian Languages and Culture



Hon'ble VC, Prof Soumendra Mohan Patnaik at the Academic Training Programme for English Teachers in Indian Languages and Culture

Published Papers by Faculty Members

Papers published by Prof. A.R. Parhi:

1. Chapter in book, 'Localising the Alien: Newspaper English and the Indian Classroom' in *English Studies in India: Contemporary and Evolving Paradigms*. Singapore: Springer, 2019. ISBN-978-981-13-1525-1, pp. 213-223.
2. A Text book, *Literature and the Art of Communication* (co-edited), Cambridge University Press, 2019.
3. Journal paper, 'Elitist Bohemian or Privately Rebellious? The love lyrics of Charles Baudelaire', *OAES*, Vol. IX, Issue-1, 2019. ISSN-2249-6726.
4. Book Review, 'Controversies in Odia literature, Will to Argue: Studies in Late Colonial and Postcolonial Controversies', *Indian Literature*, Sahitya Akademi, Vol.LXIII, No.5, Sept-Oct 2019, pp.190-192.

Papers published by Dr. S. Deepika:

1. Book Review, 'A Novel of Thresholds: Basanti and Writing the New Woman in Odia Literary Culture' *Himal Southasian*, May 2019.

Road Map

The Department regularly organises academic events as it believes that they play an important role in developing creativity, confidence and overall learning process of a student. It has plans of organising a grand get together of its alumni during its yearlong celebration of its Golden Jubilee that started in 2019. The Department also has plans for bringing out an issue of JLS, its research Journal.

Post Graduate 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”.



Guest lecture delivered by Prof. Malay Mukhopadhyaya at the Department of Geography, Utkal University

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

MA/MSc in Geography [24 seats]

MPhil in Geography [10 seats]

PhD in Geography [10 seats]

PGD RS & GIS (PG Diploma in Remote sensing and GIS) [20 seats]



Students of Department of Geography, during a learning session on Survey in Total Station

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 long (12-13 January 2019) International Seminar on 'Society and sustainability: an interdisciplinary approach' at Vivekananda College, Kolkata

The students were taken on a study tour to Gangtok and the adjoining areas during this academic year.



Students presenting during the regular Departmental Seminar organised at regular intervals

Thrust Areas of Research

- Climate change and Community Resilience
- Geo informatics & Disaster Management
- Urban & Regional Planning



Students of Department of Geography in a learning session on Interpretation of Satellite Image & Aerial Photo interpretation using Stereoscope

Ongoing Projects / Research

The department has contributed significantly to the subject of Geography and the state by undertaking a number of collaborative research projects with different departments within and outside the university, central and state government agencies. Recently a number of research projects have been conducted through funding support of the DST, UNDP, OSDMA, UGC, ICSSR, and collaborative projects with CANSA on Climate Resilience. Listed below are the ongoing projects.

1. “Climate change, flood and water logging impact on rural livelihood in Mahanadi Delta”, funded by ICSSR
2. Socio economic vulnerability of coastal communities of Odisha to climate change and natural hazards, funded by ICSSR

List of Publication by Faculties

1. Binita Tripathy, Prof. Kabir Mohan Sethy, P.Mishra, Geoinformatics Based Sprawl Dynamics Analysis of Berhampur Development Authority Area, Odisha, India, International Journal of Recent Technology and Engineering (IJRTE) ISSN: 227-3878, Volume-8, Issue-4, November 2019
2. Prof. Kabir Mohan Sethy, Amarendra Harichandan, Sitakanta Pradhan, Maniklal Ghosh, Himanshu Sekhar Patra, Threat to Ambient Air Quality Due to Poor Municipal Solid Waste Management: A Case Study in and around Bhuasuni Dumping Site, Bhubaneswar, Odisha , India. Journal of Environment and Earth Science (JEES), ISSN: 2224-3216 (Paper), ISSN 2225-0948 (Online), Volume – 9.No 2, 2019.



Students of Department of Geography learning the Plane Table Survey

3. Himanshu Sekhar Patra, Amarendra Harichandan, Prof. Kabir Mohan Sethy, Saswat Kumar Mohanty and Rabindra Panda. Water Quality Index and Correlation Study of religious ponds in the temple city, Bhubaneswar, Odisha. American Journal of Scientific And Industrial Research. ISSN: 2153-649X
4. Amarendra Harichandan, Himanshu Sekhar Patra, Prof. Kabir Mohan Sethy. Evaluation of Water Quality of Local Streams at Gandhamardan Iron Mines, Suakati, Keonjhar District of Odisha, India. Journal of Pollution Effects & Control, ISSN: 2375-4397
5. Dr. Krishna Chandra Rath and Binodini Majhi. Climate Change Awareness and Perception amongst the Inhabitants of Bhubaneswar City, Odisha, India. International Journal of Applied Social Science, Vol.6 (3), 2019. ISSN:2394-1413
6. Dr. D. Panda. Geomorphic evolution of the Rushikulya Basin. Indian Journal of Geomorphology of the Institute of Geomorphologists, Allahabad University, vol-7, 2019, ISSN.No-0973-2411
7. Tapas Ranjan Patra & Ashis Chandra Pathy. Implication of morphometry in the drought prone Khairabandhan drainage basin. Hill Geographer. Vol. XXXV No. 1, P-49-61, 2019. ISSN-0970-5023



Faculty and students of Department of Geography during Field Survey using GPS

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:

- M.Sc Geo informatics course to be introduced from next academic session.
- Up gradation of laboratories with advanced GIS & RS facilities through SAP-II, DST-FIST developing the Dept. to a Centre of Excellence in the field of Geo informatics.
- Setting up an Automatic Weather Station and hooking up with the national Network of weather stations in collaboration with IMD for access to meteorological data
- Special lecture programmes
- Faculty and Doctoral Student exchange programme

Post Graduate 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.



National Seminar on Narrating Local History: Community, Caste and Tribe in Odisha, 25th January, 2019

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

M.Phil – 10

Ph.D - 10

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



Academic Training Programme for History Faculties, organized by Dept. of History, Utkal University, under WB-OHEPEE (SAC), 18th -24th , Sept,2019

- Cultural Heritage of Odisha
- Tribal History of Odisha
- Protest and Dissent in Indian History
- Intellectual History of Odisha
- Natural Calamities and disaster management in colonial Orissa

Achievements

Special Lectures

- Dr. Partha Sarathi Mishra IAS (Additional Secretary, Dept. Of Higher Education, Govt. Of Odisha), Dt. 06.02.2019. Title of Talk- Career Counselling: Trend and Prospect.

Seminars/Conferences

- National Seminar on Culture of Non-violence and Decency in India, P.G. Department of History in collaboration with International Decency Movement, Udayagiri, Jajpur, 2nd-3rd January, 2019.
- National Seminar on Narrating Local History: Community, Caste and Tribe in Odisha, 25th January, 2019.
- National Seminar on Resisting Dominance: Situating Khurdha in Early Anti-Colonial Resistance of 1804, 6th April, 2019.

- Academic Training Programme for History Faculties, organized by Dept. of History, Utkal University, under WB-OHEPEE (SAC), 18th -24th , Sept,2019.



Alumni Connect, Department of History, as part of Platinum Jubilee Celebration

Publications

- A Brief Study of the Socio-Political life of Gond Tribe in Western Odisha” in The Souvenir of WB-OHEPEE Sponsored National Seminar on Narrating Local History, Community, Caste and Tribe in Odisha, P.G. Dept. of History, 2019,page.21-30.

Field Tours

The students were taken on a study tour to Khandgiri and Udaygiri caves, Bhubaneswar, Odisha.



Participation of Students, Department of History, in Annual Sports event

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.
- Ensuring the students get employment after completion of studies has become another focus area for the department.
- The department is also working towards the development of a Departmental Archive.

Post Graduate 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.



National Seminar on 'Online Contract in India: Legal Issues and Challenges', March, 2019 organised by Department of Law, Utkal University

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

- WB-OHEPEE had sponsored a National Seminar on “Online Contract in India: Legal Issues and Challenges” on 1st March 2019.
- Legal Awareness Programme on “Rights of Women and Child” on 26th November 2019

Field Tours

The students were taken on a exposure visit to a Campaign on Legal Rights on 12th February 2020 organised at Ramchandi, Puri.

Papers published by Faculties

1. Parwez, Z & Dash, M.S. “Right to wear Hijab: Legal Interpretations”, Arab Law Quarterly, ALQ-D-17-00066, Peer Reviewed & International Journal, (Paper accepted,)
2. Dash, M.S. & Das Amrita, “Scope and Regulatory challenges of Transgenic Crops in India”, International Journal of Research and Analytical Reviews, Vol. 6, Issue 2, May 2019, E-ISSN 2048-1269, P- ISSN 2369-5138.
3. Sahu, G.K. Protection of Investors in Capital Market: A Legal Analysis, (UGC approved Journal) 2019
4. Sahu, G.K. Right to public services: An effective tool against corruption in public offices (UGC approved Journal) 2019

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.

Post Graduate 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 1 Lecturer were sanctioned.

Current HoD of the Department, Prof. Puspanjali Jena serves as Professor-in Charge of Parija Library since 2015 under whose guidance, digitization of manuscripts and library automation works have been launched which fetched commendation from the NAAC team during their last visit.

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 Information and Library Science– [24 seats]

M.Phil in Information and Library Science

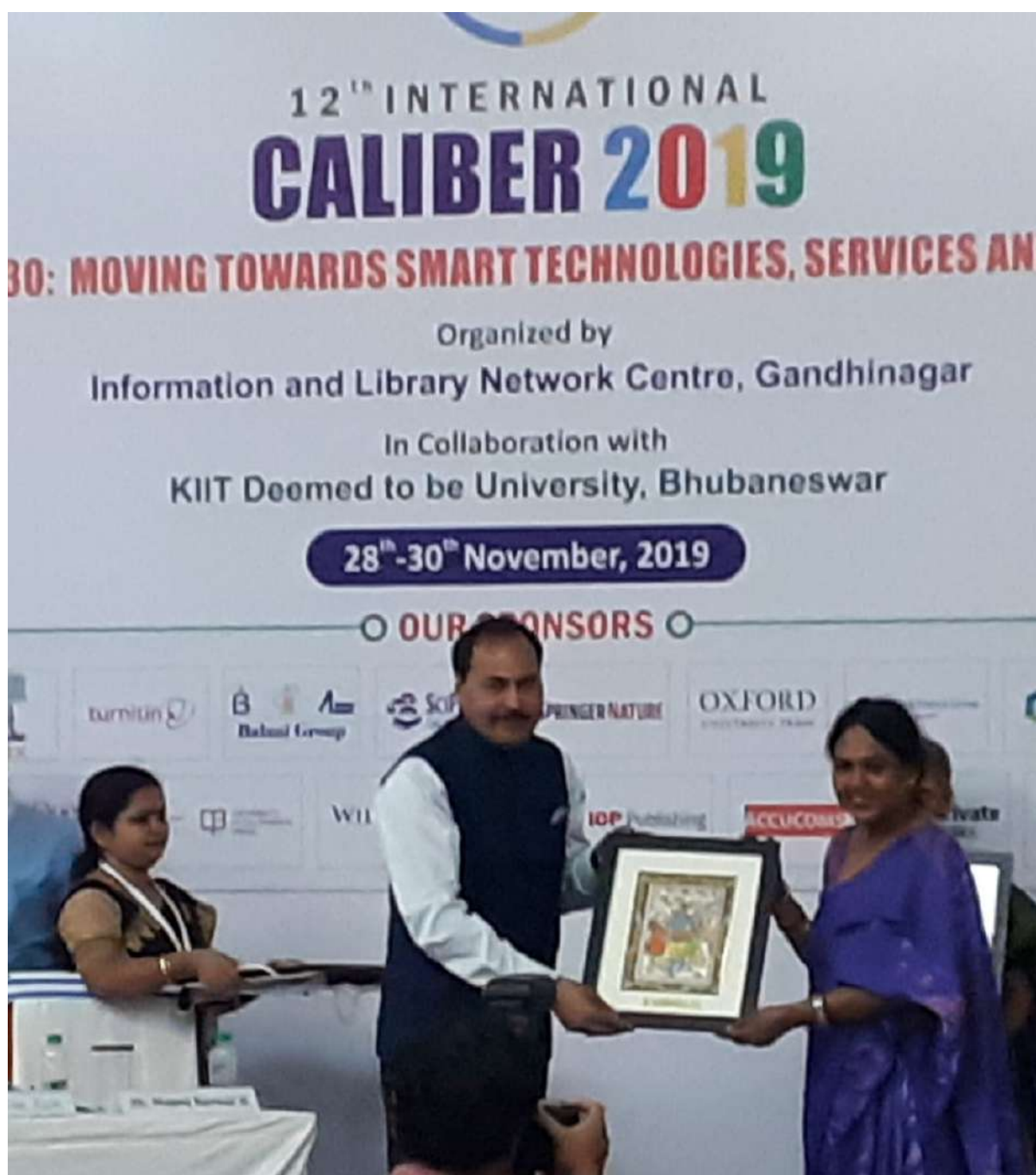
PhD – [As per vacancy]

Faculty

Professors: Prof. Puspanjali Jena (CAS)

Thrust Areas of Research

- Community Analysis
- Academic Library system
- Bibliometric Study



Faculty of Library and Information Science, Utkal University being felicitated during the 12th International Caliber 2019, Organised by Information Library Network Centre, Gandhinagar in collaboration with KIIT Deemed to be University in November 2019

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. The Department organised and participated in the following seminars in the academic year 2019.

1. National Seminar on Recent Trends in Knowledge Organization (NS-RTKO) 8-9 February, 2019. Speaker: Prof. Pushpanjali Jena, Professor & Head, Department of Library & Information Science, Utkal University.
2. Invitation as Keynote Speaker on 7th March, 2019 of the two -days National Seminar at Department of Library and Information Science, Rabindra Bharati University, Kolkata, during 7th and 8th March, 2019.

Five students of the department have successfully cleared 2018 NET.

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. Capacity Building Programs for Library Professionals: Challenges and Opportunities. CALIBER 2019. Volume: 12 Pg. No.: 260-264. INFLIBNET. ISBN: 978-93-81232-09-5
2. Visibility and growth of LIS research publications: a Scopus based analysis of select open access journals during 2001 to 2015. *Library Hi Tech News*. Volume: 7. Pg. No.: 1-11. DOI: 10.1108/LHTN-05-2019-0035 (Scopus Indexed). ISSN: 0741-9058.



Students of Library and Information Science, Utkal University

3. Bibliometric portrait of selected Open Access Journals in the field of Library and Information Science: A Scopus based analysis. *Library Philosophy and Practice (e-journal)*. Pg. No.: 1-18. <https://digitalcommons.unl.edu/libphilprac/2588> (Scopus Indexed). ISSN: 1522-0222.
4. Impact of Information Technology on Library Services at KIIT Deemed to be University: A Study. CALIBER 2019. Pg. No.: 1-19. INFLIBNET. ISBN: 978-93-81232-09-5.

Post Graduate Department of Mathematics

A brief profile of the Department

Utkal University established one of its most acclaimed Department of Mathematics way back in 1966 under the dynamic 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 boosts 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

Name	Designation
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

- Analysis

Achievements

- The department has a seminar library with nearly 10,000 number of text and reference books and is supported by NBHM.
- Every year nearly 20% students qualify the National level tests and join national institutes for higher studies.
- The department has a computer laboratory with internet facilities

Ongoing Projects / Research

Ongoing in-house research work on real Analysis, Functional Analysis and complex Analysis.

List of Publication by Faculties

1. Namita Das, Sworup Kumar Das, “**On a Class of Weighted Composition Operators on the Bergman Space of the Upper Half Plane**”, Ann. Acad. Rom. Sci., Ser. Math. Appl., Vol. 11, No. 2/2019, ISSN 2066-6594.
2. S. Sahoo, N. Das, D. Mishra, “**Numerical radius inequalities for operator matrices**”, Adv. Oper. Theory 4 (2019), 197–214.
3. Namita Das, Swarupa Roy, “**Toeplitz and Hankel operators on weighted Bergman spaces**”, Ann. Acad. Rom. Sci., Ser. Math. Appl. (Accepted)

4. Anasuya Nath, Sunil Kumar Sahu, “**LRS Bianchi type V perfect fluid cosmological model in $f(R,T)$ theory**”, Canadian Journal of Physics 2019, 97(4), 443-449.

Road Map

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

Post Graduate Department of Odia

A brief profile of the Department of Odia

The Department of Odia Language and Literature was established in 1969 and is one of the premier institutes 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 is involved in numerous Interdisciplinary study areas including Natural Language Processing (NLP), Linguistics & Anthropological Studies and Comparative Literature to extend its scope of advancement. The Department has adopted the participatory Teaching & Learning approach and CBCS Curriculum framework by its experienced and dynamic faculties.

To further its glorious past achievements like the Satyavadi Chair and Artabhallava Chair and the Department has also been contributing and is actively involved in the mainstream language and literature 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.

Faculty

Associate Professors - 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

a. NET/JRF

- Eleven students from the Department qualified NET and three students qualified JRF during the year 2019

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

About 7 research papers were published by the department in various research publications.

Department Facilities

The Department 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 class rooms, a commons room exclusive for girls besides other infrastructural facilities.

Road Map

Odia language is declared as the sixth and first Aryan Classical language the Department of Odia would be housed in a bigger space for undertaking more qualitative research by students as well as scholars. In this context the Department aims to:

- 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

Post Graduate Department of Personnel Management & Industrial Relations

A brief profile of Department of Personnel Management & Industrial Relations

The Department of Personnel Management and Industrial Relations was established in 1970 as Sociology and Labour Welfare, it later branched out as an independent Department of Labour Welfare in the year 1974. Again it was 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)**.

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 since 2010. 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.

The Department has continued to prioritise Research 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 .

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

a. Seminars/Symposia/Conferences/Lectures etc

- A two days **National Seminar** on “*Employment Relations: The Transformational Strategies for Sustainable HR Practices*” was organized by the department held on 10th & 11th August, 2019.
- A one day **National Seminar** on “*Unionism, Industrial Relations & Management*” was organized by the department under WB-OHEPEE assistance held on 27th February, 2019.
- A one day **Workshop** on “*Curriculum Development*” was held on 6th April, 2019.
- Corporate Talk was delivered on “Contemporary Issues and Challenges in HRM” by Mr. Himansu Kumar Pradhan, AGM (H&A), NALCO, Corporate Office, BBSR on 28.08.2019.

- Corporate Talk was delivered on “Employee Relations: Creating a Positive Work Environment” 30.08. 2019 by Mr. Gyanaranjan Nayak, Chief Manager (HR), GAIL, New Delhi.
 - Corporate Talk on “Emerging Trends in Human Capital Management by Mr. Sanjeeb Mohanty, Global Head-ICT, Agha Khan Development Network, on 21.12. 2020.
4. **Prof. Santosh Kumar Tripathy** attended the Academic Leadership Programme (LEAP) of Ministry of HRD, Govt. of India during August-September, 2019. In the first phase of the programme he attended, he was in training at TISS, Mumbai and learnt best practices of Institutes like IIT, Bombay; NISER, Pune; ICT, Bombay and TISS, Bombay during 19th to 30th August, 2019. In the second phase, he attended the programme at University of Pennsylvania of USA. While learning about Academic leadership, Innovations and Excellence at UPENN he also visited Temple, Drexel and Widener University of USA to learn the best practices therein during 16th to 20th September, 2019.

b. NET/JRF

- About 21 students qualified NET and 10 students received JRF

c. Field Tours / visits if any

The Students of PM&IR Department went to Rastriya Ispat Nigam Ltd & Hindustan Shipyard, Visakhapatnam, Andhra Pradesh.

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

The faculties of PM & IR Department contributed to 11 publications in National and International Journals and 2 papers were also presented by them.

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.

Road Map

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

Post Graduate 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, Russell, 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

M. A 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. Kabita Das has received a research project in 2019 titled “Evaluation and Implication of Aristotle’s concept of Phronesis in the making of society”, funded by Odisha State Higher education council (OSHEC) under seed fund, of Odisha University Research Innovative and Incentivisation Plan (OURIIP), Govt of Odisha.
- 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. Sri Pranab Mishra & Prof. Sahadev Patra, president of Utkal Theosophical Foundation was invited to speak on “Theosophy : More a way of Life” on 26th September 2019.
2. Frts. Gautam Mohanty, the founder of Gandhi Research Foundation was invited to deliver a lecture on “A Pathway to Perfection : A talk on Buddhism” on 14th November 2019.
3. Prof. Prashanta S. Bandyopadhyaya, Professor of History & Philosophy in Montana University, USA was invited to speak about “Astrobiology as an Emerging Science and What it tells us, Philosophers” on 6th January 2020.
4. Prof. Subhra Nag, Department of Philosophy, Assam University graced the department to deliver a lecture on “Boundaries of Philosophy Western and Indian : Revisiting Indian Philosophy” on 14th February 2020.
5. Prof. Dr. Thomas Reuter, Asia Institute, University of Melbourne was invited to speak on “Encounters Between East and West : A Brief History” on 25th February 2020.

Seminars Organised

1. The Department organised a National Seminar on “Philosophy, Science & Technology” where **Prof. L. Udaykumar**, Head of the department in Centre for

Mahayana Buddhist Studies of Acharya Nagarjuna University, Guntur & **Prof. Ganesh Prasad Das**, Former Professor & Head, P. G. Dept. of Philosophy were invited as resource persons. The seminar was funded by ICPR & WB (OHEPEE) and it was held on 10th February 2020.

Apart from the above the Department had organised a two day Induction programme which was attended by Prof. Radha Mohan, Former State Information Commissioner & Padmashree Awardee who talked on “Man & Nature” and also Miss Satirani Samanta, Yoga Trainer and Alumni attended the programme and Demonstrated various yogasanas and its benefits on body & mind. It was held on 27th -28th August 2019. Additionally the department also organised Fit India Movement on the auspicious occasion of Gandhi Jayanti and a Blood Donation Camp was organised on 30th October 2019.

Papers Published by Faculties

Dr. Alakananda Parida

Book Chapters:

1. Yoga and Inner Transformation, published in the book Global Philosophy and Yoga for a New World Order (ISBN – 978-81-924572-6-0), Page – 261 - 266, Siddhaprakashana, Karnataka, 2019.

Journals:

1. Dharma as Purusartha – The Gita Perspective, Peer Reviewed International Journal of Multidisciplinary Educational Research (Vol – IX – Issue – 1), January 2020, ISSN – 2277-7881, Impact Factor – 6.514.
2. Globalisation (Opportunities & Challenges), Peer Reviewed International Journal of Research & Analytical Reviews, (Vol – VII – Issue – I) E-ISSN – 2348 – 1269, P-ISSN- 2349-5138, Impact Factor – 5.75, February 2020.
3. Alienation & Global Crisis, Peer Reviewed International Journal of Multidisciplinary Educational Research (Vol – IX – Issue – 3), March 2020, ISSN – 2277-7881, Impact Factor – 6.514.

Paper presented in Seminar/Conference:

1. Presented a paper entitled Yoga : The Inner Transformation in the *Joint Conference of International Congress of Social Philosophy (ICSP) and Yoga and Spiritual*

Science (ICYS) organized by Ishwariya Vishwa Vidyalaya, Tapovana, Yellapur, Karnataka from 28th to 30th April, 2019.

2. Presented a paper entitled Neo Global Order : Opportunities & Challenges in the *Joint Conference of International Congress of Social Philosophy (ICSP) and Yoga and Spiritual Science (ICYS)* organized by Vethathiri Maharishi Ashram, Peralam, Kurungulam Post, Thiruvavur District, Tamil Nadu from 18th to 20th January 2020.
3. Presented a paper entitled Metaphysical Foundation in Buddhist Ethics : An Analysis in the International Conference on Buddhism : Its role as Cultural Connect, Social Bridge and Source of International Peace organized by P. G. Dept. of Odia, Centre of Excellence in Language, Literature & Culture, Utkal University, Adikabi Sarala Das Chair of Odia Studies, CIL/SLL & CS, JNU, New Delhi & Kalinga Institute of Indo – Pacific Studies (KIIPS), Bhubaneswar on 8th & 9th February 2020.

Dr. Manoranjan Mallick

Publication:

1. Mallick, M., “Revisiting Solipsism: A Wittgensteinian Way” ed. by Dr. K. C. Pandey, Wittgenstein Realms of Religious Beliefs, Values and Metaphysics (ISBN 978-1-775160-76-2), Occam Academic Press Ltd., Canada, 2020, Pp. 138-149.

Paper Presented in Conferences/Seminars:

1. “Wittgenstein notion of higher: A reading from Sankara’s conception of Jnana” in the 4th Wittgenstein Conference of *Ludwig Wittgenstein Philosophical Society* on Various Aspects of Indian Philosophy and Wittgenstein held at Dept. of Philosophy, University of Lucknow, Lucknow, 28th to 30th December, 2019.

Dr. Pragyanparamita Mohapatra

Publication:

1. Mohapatra, Pragyanparamita, "Davidson on Self-Knowledge and Externalism" in *Journal of Foundational Research*, ISSN-2395-5635, Vol. 28, 2019.

Paper Presented in Conferences/Seminars:

1. “Subjectivity and Externalism” as a symposist at 31st Annual Conference of All Odisha Philosophical Association, organized by U.N. College of Science and Technology, Adaspur, 23rd-24th January 2020.

Dr. Kabita Das

Publication:

1. 2020. Nayek M. Das, K. "Revisiting Aristotelian concept of State: A present day perspective" *Journal of the All Orissa Philosophy association (JAOPA)* ISSN: 2395-2784, pp-55-59.
2. 2020. Das, K. Paital, B. "The Synergy between Philosophy and Science, need of the contemporary society", *International Journal of Humanities and Social Science Research (IJHSSR)* ISSN: 2455-2070, Vol-6, 1, pp-45-51.
3. 2020. Das K, "The mechanism of golden mean and middle path: The pursuit of happiness", *International Journal of Multidisciplinary Educational Research (IJMER)*, Accepted Volume: 9, Issue: 3, March ISSN: 2277-7881.

Book Chapter:

1. 2019. Das, Kabita. Swami Vivekananda's Concept of Universal Religion and its Implication to Global world, "Understanding Swami Vivekananda: Rethinking Indian Thought in the 21st century", ed. by Prof S.Indira &Dr. K.Vengadachlam Pub by: Dept of Philosophy, School of humanities, Pondicherry university", pp-56-89.

Paper Presented in Conferences/Seminars:

1. 2020. Das. K. "Swami Vivekananda and Vedanta: Basis of religious Universalism", paper presented at 24th International Congress of Vedanta Practical Vedanta, Centre of philosophy SSS and School of Sanskrit and Indic studies, JNU, New Delhi, Centre of Indic studies, University of Massachusetts, Dartmouth, USA

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



Micro-Raman Spectrometer at Department of Physics, Utkal University

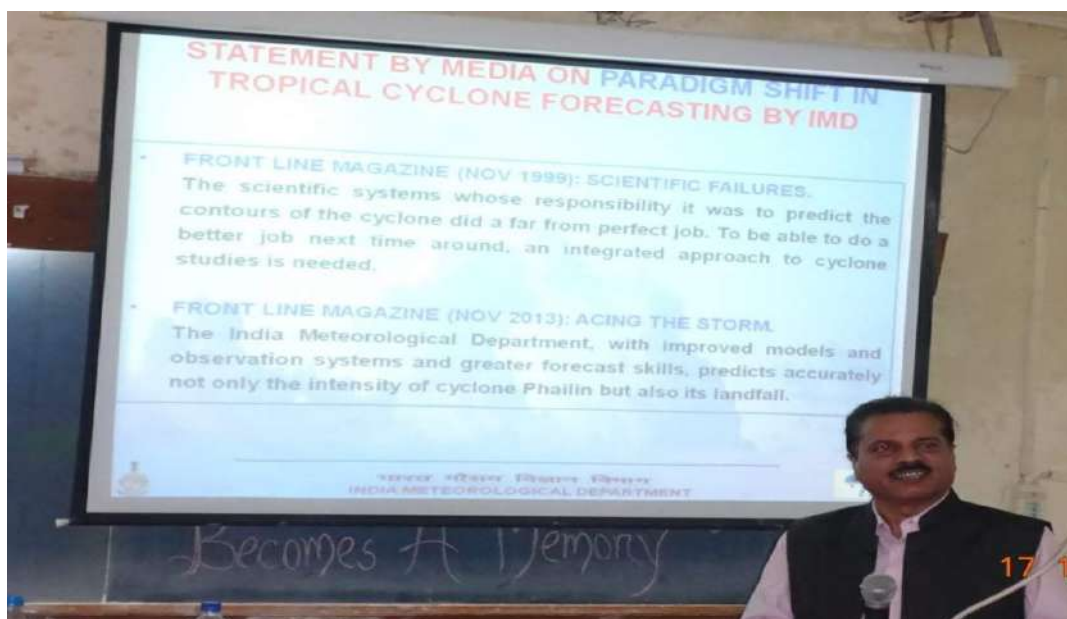
Ongoing Projects / Research

- DST-FIST

Achievements

Seminars/Symposia/Conferences/Lectures etc

- The Department of Physics organised four seminars in which papers were presented by speakers from abroad during 2019.



Seminar Presented by Dr. Mrutyunjay Mahapatra (DG IMD) at alumini meet

b. NET/JRF

- About five students qualified NET/JRF during the year

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

- About 25 papers were published in International Journals in 2019

Department Facilities

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.



Vacuum Coating Unit at Department of Physics, Utkal University

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.

Post Graduate 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. 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 has submitted 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).
- Submitted a Centre for the Study of Social Exclusion and Inclusive Policy, Utkal University sponsored Mini Research Project on ‘Child Care and Isolated Activism: A Socio-Legal Perspective on Women Workers in Unorganized Sectors in Odisha’.

Achievements

• Seminars/Symposia/Conferences/Lectures etc

- Two Days National Seminar on “Democracy and Public Policy : Issues and Challenges”, (WB—OHHEPEE Sponsored) organized by P.G. Dept of Political Science, Utkal University , 19-20th, March, 2019. The Seminar was presided over by Prof. Soumendra Mohan Patnaik, Vice Chancellor and guests were Prof. K. Srinivasalu (formerly Dean), Faculty of Social Sciences, Osmania University, Hyderabad, Mr. Satya Narayan Sahu (former Joint Secretary, Rajya Sabha Secretariat), Prof. Amareswar Mishra (former, Prof & Head, Department of Political Science, Utkal University), Mr. Sangram Kesari Mohapatra (Additional Secretary, GoO), Prof. Brahmananda Satapathy (Chairman, P.G. Council, Utkal University), Prof. Prakash C. Sarangi (former, Vice Chancellor, Ravenshaw University), Prof. Basanta Mallik (Prof & Head, Department of History, Utkal University), Prof. Surya Narayan Misra (former, Prof & Head, Department of Political Science, Utkal University) and Prof. Bishnu C. Choudhury (former, Prof & Head, Dept. of Pol. Sc, BU)

- The Department organized a Workshop on +3 CBCS Syllabus on 11th January, 2019.
- A special Board of Study was conducted in the Dept to finalize the revised syllabus for +3 Political Science Honours and Pass Courses. Teachers' representatives from all universities of Odisha had attended this workshop.

As part of Lecture Series the Department organised the following Lectures:

- Mr. Satya Narayan Sahu, Former Joint Secretary, Rajya Sabha Secretariat, delivered lecture on "Gandhi: More a Leader of Present & Future than Past" 7th February, 2019
 - Prof. Chintamani Panigrahi, Rector-II, SIS, JNU delivered lecture on "From Post-Colonial State to Aspiring Global Power: Mapping India's Journey as a Nation" on 20th February, 2019
 - Students of the Department did a candle march for the Sahids of Phulwam attack on 20th February, 2019.
 - NSS District Youth Parliament Festival 2019 for Khurda District was organized by the P.G. council and NSS units Utkal University and held in the Department of Political Science on 24th January, 2019.
 - Department organised A Special Lecture Programme on occasion of the Superannuation Day of Prof. Brahmananda Satapathy on 30th April, 2019. Prof. Sanjeev Kumar Sharma (Mahatma Gandhi Central University, Motihari (Bihar), formerly Professor and Head, Department of Political Science, Chaudhary Charansingh University, Meerut), Prof. Jaya Krushna Baral (former Vice Chancellor, Berhampur University), Adhyapak Biswarajan (former, Head, Department of Political Science, BJB (Auto) College), Prof. Kishore Basa, Former (Prof. & Head Department of Anthropology, Utkal University), Dr. Pratip Mishra (former, HOD, Pol. Sc, P.N. (Auto) College) and Mr. Tanmaya Swain (former, President, Utkal University Student's Union)
- Department of Political Science and Department of Public Administration jointly organised a Condolence meeting in the honour of Late Prof. Satya Narayan Rath, who was one of the strongest pillars of the Department of Political Science on 21st July, 2019. The meeting was presided over by Dr. Smita Nayak, Head, Department of Political Science, Utkal University. On the occasion dignitaries including Prof. Binayak Rath (former, Vice Chancellor, Utkal University), Prof. Jaya Krushna Baral (former, Vice Chancellor, Berhampur University), Prof. Sukadev Nanda (former, Vice Chancellor, Fakir Mohan University), Prof. Brahmanada Satapathy (former, Chairman, P.G. Council, Utkal University) and Prof. Swarnamayee Tripathy, (Head, Department of Public Administration, UU) paid spoke and tribute to the eminent personality.

Special Alumni Meet was organised in the Department on the occasion of Platinum Jubilee Celebration on 24th November, 2019. More than 600 alumni of the Department of Political Science were gathered in the Department. They were felicitated by the present batch of students and joined a procession to the venue of Platinum Jubilee celebration.

On 25th November, 2019 **Parents, retired Teachers and retired Employees were felicitated by the Department. Later** they were also felicitated by the University on the occasion of Platinum Jubilee celebration.

The Department organised General Knowledge and Rangoli competition and prizes were distributed to the winners, on 26th November, 2019

Annual Day Function of Department was held on 7th April, 2019 guests including **Mr. Manoranjan Panigrahi (IAS, Information Commissioner, GoO), Mr. Rabi Narayan Mohanty (Financial Advisor, GoO & Former, Controller of Finance, Utkal University)** were present. This was followed by cultural programme by the students of the Department.

b. NET/JRF

- Out of the 15 students who qualified and received in various fellowships 10 students qualified NET, 1 received SRF, 2 students received ICSSR Doctoral Fellowship and 2 received RGNF in 2019

c. Field Tours / visits if any

- The fourth Semester students have successfully completed their study tour Jeerang, a famous Buddhist Monastery in Ganjam district in Odisha on 19th February, 2019

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

Dr. Smita Nayak:

- i) Nayak, Smita (2019) 'Reincarnation of Gandhism in Vinoba's Non-violent Revolution: The Impact of Sarvodaya, Bhoodan & Gramdan on India's Inclusive Growth', Local Government Quarterly, International Academy of Urban Dynamics, Vol:LXXXIX, No.1, January-March, 2019.
- ii) Nayak, Smita. & Mallik Gayadhar (2019) 'Participatory Development & Governance in Rural India: A Case Study of Palli Sabha in Odisha', International Journal of Science & Research, Vol. Volume 8 Issue 5, May 2019, ISSN No: 2319-7064.
- iii) Nayak, Smita & Panda Suchismita (2019) 'Political Empowerment of Women in Odisha through SHG', Global Journal for Research Analysis, Vol. 7, Issue-12, December-2018, ISSN No-2277-8160.

Dr. Seema Mallik:

- i) (01 book accepted) Development and Conflict: Insights from Odisha, Abhijit Publications, New Delhi.
- ii) Indigenous Population and Threats to Livelihoods' in Carciumaru, Radu; Sekher, Madhushree (eds) 'Including the Excluded South Asia? Power Politics and Policies', Springer Publications, Singapore, (accepted)

Dr. Swapna S. Prabhu:

- i) Singh, Santosh, Dr. Swapna S Prabhu, "International Initiatives in Combating Terrorism and the Role of India", in Global Journal for Research Analysis, Worldwide Journals, Gujarat, Vol.8, Issue-9, September 2019, ISSN: 2277-8160, PP.3-7.
- ii) Mishra, Pritimayee, Dr. Swapna S Prabhu, "Tibet Is the Factor in India-China Relation", Worldwide Journals, Gujarat, Vol.8, Issue-9, September 2019, ISSN: 2277-8160, PP.12-13.

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

The Department of Psychology was established in 1953 as an Undergraduate Department, at Ravenshaw College, Cuttack under the guidance of Prof Radhanath Rath. It was upgraded 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.

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

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, University Grants Commission (UGC), in 1972, granted Special Assistance to develop an Educational Psychology Wing. UGC with a sanction of posts of one Professor, two Lecturers and two Research Assistants also gave 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. Kolemarm 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.



Pre-School students at DARCEE received prizes based on performance in various activities

Ongoing Projects / Research

Centre of Excellence on Early Childhood Development (CoE ECD) started in June, 2018. The CoE ECD, Department of Psychology 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

a. Seminars/Symposia/Conferences/Lectures etc

1. Visioning workshop on “Preparation of plans for Centre of Excellence on Early Childhood Development”, on 10th & 11th of January, 2019.
2. Workshop on Observance of Early Childhood Care and Education Day on 27th February 2019
3. Workshop on Child Protection awareness 28th February 2019

b. NET/JRF

- From the Department three students qualified NET and one student received JRF in 2019

c. Field Tours / visits if any

- Field visit of PG final year : Mission Ashra (24th December 2019) Faculty visited NIMHANS, Bangalore; Shishu Aloy, CINI, Kolkata, Kandhamaal District in 2019



Strengthening Anganwadi Centres as part of project work

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

Ms Lucy Sonali Hembram

- Internet Addiction: A study on usage and Perception of social networking sites among University Students”, Advances in computer science and information technology, 2019, Volume -6,page no-44-48 Co-author-Arunanjali Pati

- A Study on the Quality of Life and Burden of Wives of Alcoholics in Proceedings of International conference, EHBSA- 2019, on March 9, organized by “Krishi Sanskriti” New Delhi at Regional Institute of Education, Bhubaneswar, Odisha
- Role of spiritual intelligence and self-concept on social competence of visually impaired adolescents. in Proceedings of International conference, EHBSA- 2019, on March 9, organized by “Krishi Sanskriti” New Delhi at Regional Institute of Education, Bhubaneswar, Odisha
- Gender differences in Academic achievement and Study habits among young adults : A correlational analysis of academic achievement and Study habits. In Proceedings of International conference, EHBSA- 2019, on March 9, organized by “Krishi Sanskriti” New Delhi at Regional Institute of Education, Bhubaneswar, Odisha

Ms. Sunanda Pattnaik

- Book Chapter: Unit-3 - “Definition and concepts of Intelligence& Emotional Intelligence” in the book titled "Intelligence and Aptitude" for BA Psychology (Hons) of IGNOU, New Delhi (In press).

Prof. Bhaswati Patnaik

- Relationship Management and Customer loyalty in Retail Sector, Advances in Economics and Business Management, Prangya Paramita Biswal & Bhaswati Patnaik, Vol 6 (2) p-ISSN: 2394-1545; e-ISSN: 2394-1553, Jan-Mar 2019 (Quarterly open access international journal)

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 of Psychology has been working towards innovations in the following five components. The next five years will see activities and programs pertaining to the following:

1. New Courses

Expand the scope of teaching with the introduction of three new applied courses.

- a) Post Graduate Diploma in Early Childhood Education
- b) Post Graduate Diploma in Guidance and Counselling
- c) Certificate Course in Geriatric Care and Counselling

These applied courses would focus on skill enhancement and placement

2. Research:

- The research facet of the Department is being oriented to explore relatively unexplored territories of Psychology, such as Sexuality, Transgender Psychology, belief in witchcraft among tribes, Application of Positive Psychology, Cybercrime, Cognitive implications of parenting style, Early stimulation and Early detection of cognitive disability, etc.
- The proposal titled "Centre for Research, Development and Neuro-cognitive Interventions for Individuals with Disabilities" (for up gradation of "Samarthya", the Disability Unit, Department of Psychology, Utkal University) is expected to get approval from Department of Social Security and Empowerment of Persons with Disability (SSEPD), Government of Odisha.

3. Extension activities:

- Counselling will be extended to the survivors of different forms of abuse by reaching out to them.
- Mental health awareness beyond campus premises needs to be taken up in community outreach programme to deal with COVID-19 mental health issues.

Post Graduate Department of Public Administration

A brief profile of the Department of Public Administration

In 1996, Utkal University established the Department of Public Administration, as a response to the complex developments in Public Administration and the demand for Applied Research in Public Policy and Governance. This Department boasts to be the first of its kind in the State of Odisha. 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.

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

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

Ongoing Projects / Research

Project Title	Funding agency	Principal Investigator
Heritage, Disaster and Sustainable livelihood: Exploring Innovative policy options	Indian Council of Social Science Research (ongoing Project)	Prof. Swarnamayee Tripathy
Ethnic Confusion and Social Exclusion: A Study on Two Communities in Coastal Districts of Odisha	Centre for Social Exclusion and Inclusive Policy, Utkal University, March 2019	Dr. Jyotirmayee Tudu

Achievements

- **Seminars/Symposia/Conferences/Lectures etc**
 - Prof. Prabhat Datta, Ex-centenary Professor, Calcutta University presently at IDSK delivered the Bijoyini Mohanty Memorial Lecture on 16 September 16, 2019
 - Prof. Upendra Choudhary delivered a lecture on ‘Career Options in Social Sciences in 21st Century’ on 02 February, 2019
 - Dr. Sudhansu Sarangi gave a lecture on ‘Democracy and Public Policy’ on 04 February, 2019
 - Dr. Pradeep Kumar Harichandan gave a talk on ‘Smart Cities: Issues & Challenges’ on 11 November, 2019

- A National Seminar on ‘Rural Distress in India: Policy Concerns’ was organised on 6th & 7th March, 2019. Magsaysay Award winner Dr.P.Sainath, was the key note speaker on the occasion.
- An International Seminar on Disaster Risk Reduction and Community Resilience on 21st and 22nd September, 2019. Prof. Amita Singh, Chairperson, Special Centre for Disaster Research, JNU was the key note speaker
- A Seminar was organised on Governance Reforms in Odisha on 22 February, 2020. D.N.Padhi, IAS and former Chief Information Commissioner & Prof. S.N.Mishra, Dean, KIIT School of Management were the key note speakers

b. NET/JRF

- About nine students qualified NET and one student qualified JRF during the year 2019

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

About 7 research papers were published by the department in various research publications.

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.

Road Map

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

Post Graduate Department of Sanskrit

A brief profile of the Department of Sanskrit

The Department of Sanskrit is one of the oldest in Utkal University and was established in 1957. 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.

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.

The Department of Sanskrit currently 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.

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, since 1998. The Department also provides special Net and other competitive Examination oriented coaching.



National Seminar on Sanskrit: Scientific and Social Perspective, WB OHEPEE Programme, March 2019

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

Guest Faculty- Dr. Sushant Pradhan

Programmes Offered and Student Strength Sanctioned



- M.A. in Sanskrit [60 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

Achievements

- Seminars/Symposia/Conferences/Lectures etc

- The Department of Sanskrit organised a National seminar on ‘Sanskrit: Scientific and Social perspective on 13th March 2019
- The Department also organised a Special Awareness Programme on providing financial Services, Insurance Services, Jan Surakshya Scheme. The awareness programme was organised on 3rd August 2019 sponsored by Ministry of Communication & IT, Department of Post in Connection
- The first Special Lecture out of a series was delivered on “Bhuddhist Heritage” by Prof Arun Ranjan Mishra, from Visvabharati, Santiniketan, 9th August 2019
- On 5th September 2019 the Department Celebrated Teacher's Day
- Dr. Gyana Ranjan Panda, Professor of Sahitya Rashtriya Sanskrit Vidyapeetha, Tirupati, Andhra Pradesh delivered the second in the series of Special Lectures on *Dhvaneh Laksanam*, 13th September 2019

b. NET/JRF

- About 17 students qualified NET and one student qualified JRF during the year 2019

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

- The Department faculties have contributed to publication of 4 books and published 16 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.



Special Lecture on 'Buddhist Heritage', by Prof. Arun Ranjan Mishra, VISVABHARATI, Santiniketan, WB, August 2019

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

Post Graduate Department of Sociology

A brief profile of the Department

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 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 post graduate 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



Special Awareness Programme organised in association with Ministry of Communication & IT, Department of Post to providing financial Services, Insurance Services, Jan Surakshya Scheme in August 2019



Achievements

a. Seminars/Symposia/Conferences/Lectures etc

- a. The Department of Chemistry has organised about 17 Seminars, Symposia and attended Conferences (National/International)
- b. A National Seminar was organised by the Department (AMCA 2019)
- c. About 7 invited guests have delivered talks
- d. The Department has awarded 5 PhDs
- e. 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

Special lecture by Prof. Godavarish Mishra on 'Methodology to Study Upanishads', jointly organised by Sri Sri University and Maharshi Sandipani Veda Vidya Pratisthanam, Ujjain and Department of Sanskrit, Utkal University in September 2019

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

4 Third Special Lecture on Mahatma Gandhi and Nature Cure in collaboration with National Institute of Naturopathy, Ministry of Ayush, Govt. of India in November 2019

In 1957, the foundation for teaching Statistics was laid in Odisha with the introduction of Diploma Course in Statistics in 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 in 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.

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

Ongoing Projects / Research

Achievements

- **Seminars/Symposia/Conferences/Lectures etc**
 1. The Department of Statistics, on the occasion of the 39th Annual Convention of the Indian Society for Probability and Statistics (ISPS), organized an International Conference on “Recent Advances in Statistics and Data Science for Sustainable Development during 21st to 23rd December, 2019. An elected member of the International Statistical Institute Prof. Sreenivasa Rao Jammalamadaka, University of California, US presented the keynote address on “A Matter of Direction”. Prof. C R Rao lifetime achievement award was conferred on Prof S Rao Jammalamadaka. As many as 8 Endowment Awards were given away to distinguished statisticians. Plenary Sessions, Special Sessions, Invited Talks were conducted. Around 200 research papers were presented. ISPS Young Scientist award, Students’ Project award, Best Ph.D thesis award were given to meritorious students. Around 250 participants from different parts of India and abroad, from countries such as the United States, Canada, New Zealand etc attended the 3-day deliberations. Prof. S. M. Patnaik, Vice Chancellor and Sri Dayanidhi Nayak, Registrar graced the Inaugural Ceremony as Chief Guest and Guest of Honour, respectively. Prof. J Sethuraman, from US was the Chief Guest for the Valedictory Function.

2. A pre-conference workshop on 'Modern Regression Methods using R' was organised on 20th December, 2019.
3. The Department conducted Statistics Olympiad Examination on 17th Nov, 2019.
4. Sixth Alumni Meet of Utkal Statistics Alumni Association (USAA) was organised on 2nd February 2020.

Paper Presented in the Conferences / Workshop / FDP

1. Use of Calibration Estimators in Finite Population Sampling, National Seminar on "*Recent Advances in Statistics & Its Applications*" (RASIA-2020) organized by P.G. Department of Statistics, Sambalpur University held on 12th March 2020.
2. A Class of Ratio-Cum-Dual to Product Estimator for Estimating Finite Population Mean using Double-Sampling, National Seminar on "*Recent Advances in Statistics & Its Applications*" (RASIA-2020) organized by P.G. Department of Statistics, Sambalpur University held on 12th March 2020.
3. A Pooled Estimator for Estimating Finite Population Mean using Two Auxiliary Variables, Paper presentation in an International Conferences on Next Generation Management (ICNGM-2019) organized by Regional College of Management, Bhubaneswar on 15 December, 2019.
4. Estimating the Ratio of Two Population Means for Small Areas in Repetitive Surveys, Paper presentation in an International Conference on Recent Advances in Statistics and Data Science for Sustainable Development, Organised by P.G. Dept. of Statistics, Utkal University during 21-23 Dec, 2019.
5. A Note on the Comparison of Some Ratio type Estimators, Paper presentation in an International Conference on Recent Advances in Statistics and Data Science for Sustainable Development, Organised by P.G. Dept. of Statistics, Utkal University during 21-23 Dec, 2019.
6. A linear Combination of Estimators for Estimating Finite Population Mean using Two Auxiliary Variables in Two Phase Sampling Scheme, Paper presentation in an International Conference on Recent Advances in Statistics and Data Science for Sustainable Development, Organised by P.G. Dept. of Statistics, Utkal University during 21-23 Dec, 2019.
7. Role of Statistics in Research, Paper presentation in a national Seminar on Applications of Statistics in Research, Organised by Dept. of Statistics, Ravenshaw University, on 22 December, 2019.
8. Participated in in the Faculty Development Programme to be held on National Institute for Educational Planning and Administration (NIEPA), New Delhi during 30.02.2020 to 06.03.2020.

9. Participated in an on Workshop on Design, Development of Blended and Online Learning organized by Odisha State Open University Questionnaire from 20th to 22nd September 2019.

b. NET/JRF

- Fifteen students qualified NET during the year 2019
- **Field Tours / visits if any**
 - The students went on a field trip to Central University of Odisha, Koraput to study Reservoir Ecology of Kolab and Deomali Hill ranges of Koraput from 15th to 18th November, 2019

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

1. On a Class of Almost Unbiased Ratio Type Estimators, Journal of Statistical Theory and Applications, Vol. 19(1), pp. 28–35.
2. Estimating Population Proportions by Using Calibration Estimators, International Journal of Agricultural and Statistical Sciences, Vol. 15, Issue 1, pp. 249-254.
3. Estimation of Finite Population Variance Using A Family of Exponential Estimators, International Journal of Research and Analytical Reviews, Vol. 6, Issue 6, pp. 1200-1206.
4. Statistical models for longitudinal zero-inflated count data: Application to Seizure Attacks. African Health Science, 19(3), 2555-2564
5. Impact of Cardiovascular Factors on Pulse Wave Velocity and Total Vascular Resistance in Different Age Group Patients with Cardiovascular Disorders, Current Aging Science, 11;00
6. Association Between Area-Level Socio-Economic Status and Hypertension in EAG States of India: An Insight From NFHS-IV 2015-16, Int. J. Agricult. Stat. Sci, 15(1); 39-52
7. Determinants of Stunting among under-five Years Children in Ethiopia from the 2016 Ethiopia Demographic and Health Survey: Application of Ordinal Logistic Regression Model using Complex Sampling Designs (2019), Clinical Epidemiology and Global Health (In Press).

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

Post Graduate Department of Zoology

A brief profile of the Department of Zoology

With a vision to achieve excellence in higher education, research and innovation in the areas of Zoology and to remain sensitive and responsive to the changing needs of the society, the Department of Zoology was established in the year 1960 in the Ravenshaw College, Cuttack. Subsequently it was shifted to Utkal University Campus on 21st July 1973. Since then the Department has been imparting teaching and training students in various emerging areas of Zoology with a mission to create, innovate and disseminate knowledge in Zoological science. The Department aims at providing state of art infrastructure and a conducive environment for students and faculty to produce globally competent professionals. The Department has celebrated the Golden Jubilee in the year 2010. During these 59 years of journey, the department has earned many laurels and has made a name in Zoology in the national arena. The Department offers regular courses in MSc, MPhil and PhD in Zoology. Our faculty and students continue to contribute towards updating and upgrading the curriculum. This has resulted in getting the DRS (UGC), FIST (DST) and PURSE (DST) status by the Department.

Faculty

Professors: Prof. Pravati Kumari Mahapatra

Reader: Dr Gunanidhi Sahoo

Assistant Professors: Dr Sudhansu Sekhar Nishank



Students and faculty of Department of Zoology on a Study Tour at Deomali Hills, Koraput

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 reptiles
- Molecular biology

Ongoing Projects / Research

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



Alumni Meet of Department of Zoology, Utkal University, as part of Platinum Jubilee celebration

Achievements

a. Seminars/Symposia/Conferences/Lectures etc

- The Department organised 7 extramural lectures which were delivered by researchers of International and National eminence.
- The 16th Utkal University Zoology Alumni Association (UUZAA) meet was organised by the Department of Zoology on 3rd February 2019
- The WB-OHEPEE sponsored National Conference on “Advances in Zoology” was organised by the Department on 2nd and 3rd March, 2019

b. NET/JRF

- Fifteen students qualified NET during the year 2019

c. Field Tours / visits if any

- The students went on a field trip to Central University of Odisha, Koraput to study Reservoir Ecology of Kolab and Deomali Hill ranges of Koraput from 15th to 18th November, 2019

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

1. Rout, J., S. Mahapatra, S. Asrafuzzaman, S. K. Dutta and G. Sahoo (2019) Oviposition site selection by the Asian common toad *Duttaphrynus melanostictus* (Schneider, 1799) in an Indian biosphere reserve, *Herpetozoa*, 31 (3/4): 157-171.

2. Panda, S. K., L. Padhi, and G. Sahoo (2019) Evaluation of cultivable aerobic bacterial flora from Russell's viper (*Daboia russelli*) oral cavity. Microbial Pathogenesis, 134:103573, doi.org/10.1016/j.micpath.2019.103573.
3. Mahapatra P K (2019) Anuran tadpole as model organism, RDWU, Bulletin of Science, 1:62-67
4. Mohanty-Hejmadi P and Mahapatra P K (2019) Studies on tail regeneration and homeotic transformation in anuran tadpoles, Int. J. Dev. Biology (accepted)

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

- Indian Academy of Sciences sponsored workshop on “**Ecology and epigenetics**”
- International Conference on “**Mechanism of animal regeneration**”

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 hostels have 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 subsidized meals to the residential students.

Hostels (Gents)

Sl No	Name of the Hostel	Student Strength	Superintendent	Assistant Superintendent
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1	Gopobandhu Chhatrabas (G.H.No.I)	360	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)	220	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)	183	Dr B.K. Sundaray Dept of PMIR)	Dr M. Mallik (Dept of Philoshopy)
4	Godavaris Chhatrabas (G.H. No IV)	194	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)	50	Dr Satyanarayan Pal (Dept of Chemistry)	Mr. Subrat Ku. Nayak (Dept of Anthropology)
6	Acharya Harihar Chhatrabas (G.H. No VI)	118	Dr B.S. Mishra (Dept of Sanskrit)	Dr. Sabyasachi Das (Dept of IMBA)

Hostels (Ladies)

Sl No	Name of the Hostel	Student Strength	Superintendent	Assistant Superintendent
1	Kuntala Kumari Chhatrabas (L.H.No.I)	180	Dr. Bhabatarani Panda (Dept of Botany)	Ms. Sunanda Pattnaik (Dept of Psychology)
2	Ramadevi Chhatrabas (L.H.No.II)	240	Dr. Anasuya Nath (Dept of Mathematics)	Dr S. Deepika (Dept of English)
3	Sarala Devi Chhatrabas (L.H. No III)	120	Dr Jyotsnarani Pradhan (Dept of History)	Dr Kavita Das (Dept of Philoshopy)
4	Malatidevi Chhatrabas (L.H. No IV)	113	Dr Priyanka Khurana (Dept of Anthropology)	Dr. Swyam P. Mishra (Dept of A&A Economics)

5	L.H. No V	310	Dr Manjusmita Das (Dept of IMBA)	Dr. P. Mohapatra (Dept of Philoshopy)
6	L.H. No VII	400	Dr Rashmita Sahoo (Dept of Botany)	Dr. B. Kullu and Ms Sasmita Soren (Dept of Sociology)

Rashtriya Uchchatar Shiksha Abhiyan (RUSA)

Overview

The Rashtriya Uchchatar Shiksha Abhiyan is the central government's contribution to further the promise held by the rich expanse of India's state universities. A centrally sponsored scheme, RUSA understands that sometimes the most important lessons of life are learnt outside the classroom. So whether it is upgrading libraries or computer laboratories, promoting autonomous colleges or clubbing them to consolidate their strength and forming cluster universities, this programme realizes that every institution holds the power to enrich lives through top-class education.

Guiding Principle of RUSA

The RUSA focuses on better quality of state higher education institutions. The aim is to achieve mass access to higher education with high quality standards. States must ensure that all their institutions adopt NAAC accreditation as the mandatory quality assurance framework, and simultaneously seek to upgrade the overall academic quality by implementing reforms. They will be encouraged to promote research and innovation in their institutions. Since research focus can be judged both from input efforts and outcome indicators, the SHEPS are expected to have a balanced appreciation of both aspects. States and institutions are expected to honestly declare their present status in this area and outline specific strategies for improvement, including the use of information and communications technologies (ICT). There is a need to improve resource allocation for universities to enable good quality research and innovation. Criteria such as the number of research publications, impact factors of journals in which papers are published, citations, the amount of research funding attracted, etc., should be considered for faculty promotions.

RUSA in Utkal University

In November, 2018 it was announced that Utkal is among 10 state universities across the country to receive Rs 100 crore as RUSA fund to promote excellence. Centre has approved Rs

60 crore to the University under the RUSA scheme and the State share is 40 crores in that. Since the University was accorded 'A Plus' grade by NAAC (National Assessment and Accreditation Council), it will be receiving Rs. 100 crore for the next three years for infrastructure development.

Components

Hard Component:

- Construction of Administrative Block (RUSA Bhawan)
- Renovation of Laboratory Construction of students utility centre
- Renovation of Auditorium

Soft Component

- Recruiting PDF, Visiting fellow and emeritus Professor
- Technology Rural Park
- Entrepreneurship Hub
- Industry -Academia Partnership

Centre of Excellences

Centre of Excellence for Environment, Climate Change and Public Health, Utkal University (CoE-ECCPH)

Vision

Develop CoE-ECCPH as a knowledge centre of national repute for undertaking multidisciplinary research and teaching aimed at reducing the anticipated impacts of climate change on environment and natural resources, health and other vulnerable sectors.

Mission

- Document existing and available knowledge, generate new knowledge through studies and research there by enhancing teaching learning process in the climate change domain.
- Undertake studies on adaptation measures in environment management, health and other vulnerable sectors.
- Elevate the debate on climate change in higher education system by organizing conferences, seminars, workshops and training programmes.
- Network and collaborate with Government, Industries and other stakeholders for knowledge sharing, research and facilitate evidence based policy, provide backstopping support, and improved higher education standards.
- Globalise Utkal University's higher education through improved systems and facilities for foreign scientists and students to work in research programmes designed by the Centre of Excellence

Coordinators and co-coordinators

1. Prof. Pravati Kumari Mahapatra
2. Prof. Kabir Mohan Sethi
3. Dr. Sabuj Sahoo
4. Dr. Chinmay Pradhan

Visiting Faculties

1. Prof. Sudhanwa Chandra Patra
2. Prof. Rama Chandra Mohanty

Institutions/Centres/Departments committed to work on Climate Change

1. Centre for Climate Change research, Indian Institute of Tropical metrology, Ministry of Earth Sciences, Pune
2. CoE on Climate Modelling, IIT, Delhi
3. NISER, Bhubnaeswar
4. IIT, Bhubnaeswar
5. Divecha centre of Climate Change, Bangalore
6. Forest and Environment Department, Government of Odisha
7. Water resources Department, Government of Odisha
8. Directorate of Soil Conservation, Government of Odisha

Way Forward

- CoE-ECCPH aims to be a global Centre of Excellence on Climate Change and Development research based in India where Climate Change has a significant impact.
- CoE-ECCPH wants to build and lead a network of partner institutes in India, South Asia and South East Asia, together educating stakeholder about Climate Change and Development. CoE-ECCPH's work will lead to increasing capacities of countries in the South Asia both in terms of knowledge and trained personnel.
- CoE will recruit Post Doctorate Fellows (PDF), Research Assistants, Adjunct Faculties, Concurrent Faculties and Research Scholars.
- CoE will formulate a syllabus for a multidisciplinary Post Graduate Degree course on Climate Change and Resilient Development.

Centre of Excellence in High Energy and Condensed Matter Physics

Vision

Global centre of research in theoretical and applied Physics

Mission

- Accessible high quality Physics education
- High academic research standard in Theoretical and Applied Physics
- Collaborate with stakeholders from peripheral sectors and reach out to general population in to create culture of scientific research and education

Key objectives

- Study of CP violation in B-meson system and Leptonic sector (collaboration with TIFR, Mumbai and KEK, Japan)
- Study of the properties and interactions of neutrinos
- Study of the events in cosmic rays with air shower detectors and a large area muon detector (collaboration with GRAPES-3 experiment at CRL, Ooty, TIFR)
- Study of the evolution of the Universe and statistical isotropy with CMBR data
- Study of the properties of infinite nuclear matter, quark-matter equation of state, properties of compact star
- Study of Gauge-gravity duality, Quark-gluon-plasma
- Study of nano scale material characterization, spintronics based oxide materials
- Study of acoustic emission during plastic deformation
- Establish a low energy, high current Ion beam facility
- Establish a centre for high performance computing facilities (HPCF) for providing supercomputing, networking for research and educational resources to the diverse academic community, research and technology dependent industries of Odisha

Thrust Areas

- High Energy Physics

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

Tentative activities to be performed

- Planning to organize a national conference.
- Planning to organize invited lectures by eminent guest Professors.
- To augment the library with books on advanced research areas.
- To upgrade the teaching and research laboratories.
- To publish the research findings in the areas of a) properties and interactions of neutrinos in long baseline experiments , b) study of the events in cosmic rays with air shower detectors and a large area muon detector (collaboration with GRAPES-3 experiment at CRL, Ooty, TIFR) in reputed international journals.

Details of Coordinator and other staff involved

1. Swapna Mahapatra (Professor) (Coordinator) (Physics)
2. Prafulla Kumar Panda (Head, Physics) (Deputy Coordinator)
3. Sushanta Kumar Badamali (Associate Professor) (Deputy Coordinator) (Chemistry)
4. ShesansuSekhar Pal (Reader) (Physics)
5. JagadishKumar (Asst. Professor) (Physics)
6. BhagabanKisan (Asst. Professor) (Physics)

Experts onboard

1. Prof. Sunil Mukhi (IISER, Pune)
2. Prof. V. Balakrishnan (IIT, Madras)
3. Prof. Basanta K Nandi (IIT, Bombay)
4. Prof. Bedangadas Mohanty (NISER, Bhubaneswar)
5. Prof. P.S. Anil Kumar (IISc, Bangalore)

Centre of Excellence in Advanced Materials and Applications (CoE AM&A)

Vision

CoE AM&A will be a global leader in research, develop expertise in synthesis, characterization, modification of materials & development of green materials and technology solutions.

Mission

- Develop state-of-art facility staffed with a competent interdisciplinary resource pool for cutting-edge research in materials synthesis, characterization, modification and applications
- Provide environment friendly/green solutions for some emerging environmental issues in the state
- Develop strong industry interaction for technology oriented research and teaching
- Build Capacities for research in the area of Material Science & Applications
- Provide a two years PG programme in nanoscience and technology

Concurrent faculties

1. Prof. N. Das, Professor, Coordinator
2. Dr. Samal, Asst. Prof., Physics, Co-coordinator (on lien)
3. Prof. P. K. Sahoo, Professor of Chemistry, (Retired)
4. Prof. J. Behera, Professor of Chemistry:
5. Dr. S.K. Badamali, Asso. Prof. Chemistry
6. Dr. B. N. Patra, Reader in Chemistry
7. Dr. J. Dinda, Reader in Chemistry
8. Dr. S. N. Pal, Reader in Chemistry
9. Dr. B. Jena, Asst. Professor of Chemistry
10. Dr. A. K. Behera, Asst. Prof. of Chemistry
11. Dr. H. K. Kisan, Asst. Professor of Chemistry (on study leave)

Events:

National Seminar on 'Advances in Materials Chemistry and Applications' (AMCA – 2019), 23-24 February, 2019 with support from World Bank -OHEPEE programme

The Seminar focused on providing a forum for eminent academicians, scientists, technologists and young researchers to exchange and shared their experiences and research results on the latest developments on materials chemistry.

- Eminent researchers and practitioners from the field exchanged knowledge and experiences with the intent to promote further research in the field of Materials Chemistry that holds the keys to provide new materials with specific functions and new processes to meet the ever changing need of society in various sectors
- The Seminar also provided a platform for investment and collaborations between Academia, Industries and Research & Development sectors by deliberating on future direction of research in materials chemistry to find solutions of specific upcoming challenges.

Way forward

- Placement of adequate infrastructure and procurement of equipment, chemicals and consumable
- Recruitment of Post Doctorate Fellows for the CoE

List of Institutions/Centres/ Departments committed to this work

1. CSIR- Institute of Minerals and Materials Technology, Bhubaneswar
2. Indian Association for the cultivation of Science (IACS), Kolkata
3. Indian Institute of Technology, Kharagpur
4. CSIR-Central Glass & Ceramic Research, Jadavpur, Kolkata
5. CSIR-Indian Institute of Chemical Technology, Hyderabad
6. CSIR-NEERI, Nagpur
7. ICT, Mumbai
8. Central University, Hyderabad

Centre of Excellence for North East Studies

Mission

Centre of excellence in the field of higher education and research, development, training, and extension for lively hood, social welfare, human resource development, cultural exchange and skill development with special reference to the eastern region of India including the states of Arunachal Pradesh, Assam, Manipur, Meghalaya, Mizoram, Nagaland, Sikkim and Tripura.

Vision

- Bridge the Socio-economic gaps of people from North Eastern Region through accelerated inclusive growth and governance for livelihood and social enhancement.
- Enhance North Eastern Region's national economic, educational, cultural eminence both at national level as well as the grassroots as lead of the country's Look East Policy.
- Preserve the ethnic mosaic of the North East States with their own languages and socio-cultural identity, building capacity of human resources, conserve biodiversity, health and sanitation, cultural exchange, tourism, preserving traditional knowledge and skill development to minimize the Region's geo-political isolation.

Specific goals

- Preserve the local-level traditional practices and documentation of Traditional Knowledge to develop their current form.
- Conserve Biodiversity and develop community based conservation programmes.

- R & D on Agricultural and Horticultural Development on spices (Cardamom, ginger, turmeric, pepper, pineapple) and flower (*Cymbidium*, *Gladiolus*, *Lilium*, *Dendrobium*, *Anthurium*).
- Manage Forest resources and develop of Minor Forest Products and environment protection.
- Develop livelihood strategies and extend social welfare activities including women and child education.
- Develop Medicinal Plant Database of North East Region (NER) with their local use for public health.
- Improve quality of life by building awareness on health and sanitization programmes.
- Skill gap study to develop technical manpower as support to community action programme.
- Capacity building for e-governance aimed at project formulation, extension, monitoring and evaluation.

Core Training Areas of the Centre

1. Biodiversity Conservation and protection.
2. Strengthening Awareness on Women Education and Research for Public Health
3. Indigenous NER product development, marketing and employment generation in unorganized sector
4. Social Protection and Livelihood Security
5. Skill Development & Employment Generation
6. Promoting Skill Development for Women workers
7. Establishment of NER Corridor in Education & Research, Social & Cultural exchange
8. Documentation of Indigenous Knowledge and culture

The target groups of the training are labour officials, women workers and representatives from Central Trade Union Organisations, NGOs/Civil Societies, University students and researchers from the eight states of the region.

Latest Activities

- Mapping molecular cytogenetics and physical chromosome of Indian banana.
- Establishing link with North East Indian laboratories for exploration of wild banana resources of wild seeded banana under National Banana consortium funded by DBT, Govt. of India.
- Collection and maintenance of wild and cultivated banana genetic resources of North East India for phylogenetic study for global breeding banana programme and crop improvement.
- Execution of activities of CoE North East India Study hub at Utkal University.

Activities conducted so far

Programmes at Regional Institute of Education (RIE) for North Eastern

Students i) Interaction of North Eastern Students of RIE, Bhubaneswar with Vice Chancellor, Utkal University ii) Interaction with faculty members of RIE iii) Interaction of North East Students of RIE and Utkal University

- a. ***The one day Interaction event organized on 12th February 2018 concluded with a Cultural programme*** organized by North East students and showcased Manipuri, Khasi and Nepali dance forms. This was followed by a presentation of Odishi Dance form by students from Utkal University. About 50 students of Utkal University were present among 200 participants and enriched the event with their meaningful participation.
- b. **North East Cultural Meet** was organized on 12th September 2018 in pursuit of Centre of Excellence North East Studies at Utkal University in collaboration with Regional Institute of Education. The event was organized as to sensitise the students about the a collaborative initiative between RIE and Utkal University, which aims at developing a strategically located educational and cultural hub of data sharing and resource utilization of research and development for students and open a cultural corridor for socio cultural and educational exchange between people from Odisha and the North East states.

Research Projects to be initiated

1. Biodiversity study in NER and its potential use for commercialization
2. Expansion of natural Rubber Cultivation in Tripura
3. Women In Work culture and time-use pattern in rural areas
4. Migration from North-East to Urban areas
5. Employment Situation in North Eastern Region of India

Workshops and Seminars

1. Brain storming on North East Development, Education, Culture, Biodiversity and employment as focus.
2. Orientation Workshop on Skill Development

3. Skill development programme on banana, pine apple, ginger, chillies tissue culture, cultivation.
4. Skill development in water filter technology development, soil testing
5. Symposium on floriculture development and marketing.
6. Symposium on documentation of ITK on medicinal plants of NER for public health
7. Symposium on Cacti cultivation and marketing
8. Seminar on Skilling Development for Youth and entrepreneurship development
9. Seminar on women workers in unorganized sector of NER
10. Workshop on Bamboo, cut flower, spices culture and cultivation and commercialisation
11. Workshop on Conducting Household Survey Meghalaya
12. Workshop on Labour Market, Employment & Social Protection in North East India
13. Workshop on Skill Development in Tourism Sector in NER

International Scientist/ Educationalist/Experts

1. **Prof. Thomas Reuter**, Senior Vice President, International Union of Anthropologists & Future Fellow, Australian Research Council, Asia Institute, The University of Melbourne, Victoria 3010, Australia, E-mail:treuter@unimelb.edu.au; Collaboration with Prof. S. M. Patnaik, VC, Utkal University & working on social anthropology.
2. **Prof. Dr. Noel B. Salazar**, Faculty of Cultural Mobilities Research, Katholic University, Leuven, Belgium, E-mail:noel.salazar@kuleuven.be; Collaboration with Prof. S. M. Patnaik, VC, Utkal University & working on social anthropology and cultural evolution of different communities.
3. **Prof. J. Dolezal**, Director, Institute of Experimental Biology, Olomouc, Czech Republic, E-mail:dolezel@ueb.cas.cz; Scientific collaborator with Prof. A. B. Das in the field of Molecular Cytogenetics.
4. **Dr. Eva Hibrova**, Scientist, Institute of Experimental Biology, Olomouc, Czech Republic, E-mail:hribova@ueb.cas.cz; Scientific collaborator with Prof. A. B. Das in the field of Genome analysis Molecular cytology and breeding.
5. **Prof. Rony Swennen**, International Institute of Tropical Agriculture, Uganda; Highland banana breeding of South Africa, E-mail:rony.swennen@kuleuven.be
6. **Prof. James Dale**, Centre for Agriculture and Bio-commodity, Queensland University and Technology, Brisbane, Australia: Transgenic vitamin and iron enrich banana development of Australia, Email: j.dale@qut.edu.au

7. **Prof. Ling Yuan**, Executive Director, Kentucky Tobacco Research Development Centre, College of Agriculture, Food and Environment, University of Kentucky, USA, E-mail: lyuan3@uky.edu; in the field of Medicinal plant metabolomics.
8. **Prof. Sitakanta Pattnaik**, Senior Scientist, College of Agriculture, Food and Environment, University of Kentucky, USA; Scientific collaborator in the field of Biotechnology and Molecular Biology.
9. **Dr. Lavernee S. Gueco**, Institute of Plant Breeding, University of Philippines Los Banos, Philippines; Working in crop breeding and banana germplasm conservation.
10. **Dr. Agus Sutanto**, Indonesian Agency for Agricultural Research and Development, Indonesia, E-mail: bagusutanto.03@gmail.com; Working in crop breeding and banana germplasm conservation.
11. **Dr. Leena Tripathy**, East Africa Hub, International Institute of Tropical Agriculture (IITA), Nairobi, Kenya, E-mail: l.tripathy@cgiar.org; working on tissue culture and mass propagation of disease free banana.
12. **Dr. B. Uwimama**, International Institute of Tropical Agriculture (IITA), East Africa Hub, Uganda, Kampala, Uganda; Molecular breeding in Agricultural crops mainly of banana for disease resistant development.

Institute scientist of North East India

1. **Prof. Dinabandhu Sahoo**, Professor, Dept. Of Environment Science, Delhi University, Delhi & Former Director, ISBD, Imphal, Manipur; Planning of R&D in Science and Technology of Manipur Govt.
2. **Prof. Kananbala Sarangthem**, Centre of Advanced Studies, Department of Life Sciences, Manipur University, Imphal; Collaborator with Prof. A. B. Das working in the field of physiology and biochemistry of microbe and plant Biodiversity of Manipur.
3. **Prof. Lingaraj Sahoo**, School of Life Science, IIT Guwahati , Assam; Collaborator with Prof. A. B. Das working in the biotechnology of pulses and secondary metabolites of Agar Plant of Assam for industry.
4. **Prof. Mahendra Kumar Modi**, Head, Agricultural Biotechnology & Coordinator DIC, Assam Agriculture University, Barbheta, Jorhat, Assam; Scientific collaborator with Prof. A. B. Das working with Genome mapping of Vimkol banana of Assam.
5. **Prof. Bhaben Tanti**, Dept. of Botany, Guwahati University, Assam; Collaborator with Prof. A. B. Das on Genetic Diversity of Banana and other minor food crops.
6. **Prof. Rabindra Kumar Sinha**, Dept of Botany, Tripura University, Suryamaninagar, West Tripura, Tripura; Collaborator with Prof. A. B. Das working with banana tissue culture, bamboo and other medicinal plants of Tripura.

7. **Dr. Bimal Debnath**, Department of Forestry, Tripura University, Suryamaninagar, West Tripura, Tripura; Collaborator with Prof. A. B. Das working with wild yam and other medicinal plants of Tripura.
8. **Dr. S. Sureshkuar Singh**, Associate Professor, Department of Forestry, North Eastern, Regional Institute of Science and Technology (NERIST), Nirjuli, Arunachal Pradesh; Collaborator with Prof. A. B. Das working with wild banana biodiversity of Arunachal Pradesh.
9. **Dr. Moaakum**, Kohima Science College, Jotsoma, Nagaland; Working with plant taxonomy of Nagaland.
10. **Dr. Animesh Sarkar**, Nagaland University, Medziphema, Nagaland; Working with banana germplasm collection, conservation and agronomic practises of Nagaland.
11. **Dr. S. Indira Devi**, Scientist-C; Research Interests on Microbial diversity analysis from different unique ecological niches Plant-microbe interaction study Microbial bio-pesticides and enzyme production.
12. **Prof. Thanhjan Robert Singh**, Mizoram University, Mizoram; Working on wild banana of Mizoram.
13. **Dr. Samuel Rai**, Director, Directorate of Cinchona & other Medicinal Plants, Mangpoo, Darjeeling, Dept. of Food processing Industries & Horticulture, Govt. of West Bengal
14. **Prof. S. K. Barik**, Director, CSIR-NBRI, Lucknow and Professor North Eastern Hill University, Sillong.
15. **Dr. Arunava Pattnaik, Director, ICAR-VPKAS, Almora.**
16. **Dr. H. Sunitibala Devi**, Scientist-D, Institute of Bio-resource and Sustainable Development (IBSD), Imphal, Manipur ; Research activities on plant tissue culture of fruit crops and ornamental plants.
17. **Dr. Biseshwori Thongam**, Scientist-D; Research Interests Plant Systematics and Conservation Research Focus on medicinal, aromatic and horticultural plant resources of the Indian region of the Indo Burma biodiversity hotspot for sustainable development and utilization.
18. **Dr. Lokesh Deb**, Scientist-C (IBSD, Sikkim Centre), His secondary research focus was evaluation of antihypertensive traditional medicines for developing economic and also folklore infertility agents for developing natural, effective, economic and safe male & female contraceptive.
19. **Dr. Evanylla Kharlyngdoh**, Scientist-C, IBSD, Manipur, Survey and documentation of important medicinal and aromatic plants used in traditional/folklore medicines of North-East India. Bamboo resources utilization and technology development towards clean and green economic growth.
20. **Dr. S. N. Jena**, Senior Scientist, National Botanical Research Institute, Lucknow; Collaborator with Prof. A. B. Das working in the molecular biology of wild banana of

North East and molecular ecology of Oak tree of Meghalaya and secondary metabolites of *Canabis* of Manipur.

21. **Prof. (Mrs.) S. Uma**, Director, National Research Institute of Banana, Trichi, Tamil Nadu; Working in the wild banana germplasms of North East India.
22. **Prof. (Mrs.) S. Backiyarani**, Director, National Research Institute of Banana, Trichi, Tamil Nadu; Collaboration with Prof. A.B. Das working in the biotechnology of banana and banana breeding of North East India and world genotypes.
23. **Dr. Jajabandhu Panda**, Central Agricultural University, Gangtok, Sikkim; Agricultural education and Research.
24. **Dr. Prakash Saranghi**, Central Agricultural University, Manipur; Agricultural Research and Education
25. **Dr. Nilamani Dikshit**, ICAR-Fodder Research Institute, Jhansi, U.P; Plant Genetic Resources of North East Indian States.

Way forward

- Promote mutual understanding between youth from North East India and Odisha
- Observe and study the daily lives and societies of each other
- Promote positive attitude, mutual understanding, tolerance and international responsibility
- Contribute to a mutual cross-cultural pedagogic development will be the main focus of the Centre of Excellence.

Centre of Excellence in Advanced Materials and Applications (CoE AM&A)

Vision

CoE AM&A will be a global leader in research, develop expertise in synthesis, characterization, modification of materials & development of green materials and technology solutions.

Mission

- Develop state-of-art facility staffed with a competent interdisciplinary resource pool for cutting-edge research in materials synthesis, characterization, modification and applications
- Provide environment friendly/green solutions for some emerging environmental issues in the state

- Develop strong industry interaction for technology oriented research and teaching
- Build Capacities for research in the area of Material Science & Applications
- Provide a two years PG programme in nanoscience and technology

Concurrent faculties

12. Prof. N. Das, Professor, Coordinator
13. Dr. Samal, Asst. Prof., Physics, Co-coordinator (on lien)
14. Prof. P. K. Sahoo, Professor of Chemistry, (Retired)
15. Prof. J. Behera, Professor of Chemistry:
16. Dr. S.K. Badamali, Asso. Prof. Chemistry
17. Dr. B. N. Patra, Reader in Chemistry
18. Dr. J. Dinda, Reader in Chemistry
19. Dr. S. N. Pal, Reader in Chemistry
20. Dr. B. Jena, Asst. Professor of Chemistry
21. Dr. A. K. Behera, Asst. Prof. of Chemistry
22. Dr. H. K. Kisan, Asst. Professor of Chemistry (on study leave)

Events:

National Seminar on 'Advances in Materials Chemistry and Applications' (AMCA – 2019), 23-24 February, 2019 with support from World Bank -OHEPEE programme

The National Seminar focused on providing a forum for eminent academicians, scientists, technologists and young researchers to exchange and shared their experiences and research results on the latest developments on materials chemistry.

- Eminent researchers and practitioners from the field exchanged knowledge and experiences with the intent to promote further research in the field of Materials Chemistry that holds the keys to provide new materials with specific functions and new processes to meet the ever changing need of society in various sectors
- The Seminar also provided a platform for investment and collaborations between Academia, Industries and Research & Development sectors by deliberating on future direction of research in materials chemistry to find solutions of specific upcoming challenges.

Scholars working in the field in India and South Asia and Institutional affiliates

1. Professor (Dr.) G. D. Yadav, Vice Chancellor, Institute of Chemical Technology, Mumbai (Main Campus); Indian Oil Odisha Campus Bhubaneswar (Off campus 1) and Marathwada Campus Jalna (Off Campus 2).
2. Dr. (Mrs). Sadhana Rayalu,, Sr. Principal Scientist & Head, CSIR- National Environmental Engineering Research Institute.
3. Prof. Samar Das, Department of Chemistry, Central University, Hyderabad.
4. Prof. N. Pradhan, Indian Association for the Cultivation of Science, Jadavpur, Kolkata

List of Institutions/Centres/ Departments who are committed this work

1. CSIR- Institute of Minerals and Materials Technology, Bhubaneswar
2. Indian Association for the cultivation of Science (IACS), Kolkata
3. Indian Institute of Technology, Kharagpur
4. CSIR-Central Glass & Ceramic Research, Jadavpur, Kolkata
5. CSIR-Indian Institute of Chemical Technology, Hyderabad
6. CSIR-NEERI, Nagpur
7. ICT, Mumbai
8. Central University, Hyderabad

Activities conducted so far by the CoE

- CoE has conducted various meetings with its members to implement its work plan
- Summited proposal for instrument to be procured and the requisite consumable CoE
- CoE activities undertaken under Module 2 are outlined below:
 - a. Synthesis, characterisation and use of polyaniline based polymeric adsorbent for remediation of organic dyes from contaminated water.
 - b. Synthesis of biocomposites using natural and synthetic polymers from Chitosan, Cellulose, Starch, monomers like AN, with nanofillers like silica. Their characterizations of by different physicochemical methods.
 - c. Oxide based semiconducting materials such as Mn-substituted magnetite ($\text{Mn}_x\text{Fe}_{3-x}\text{O}_4$; $0 \leq x \leq 0.63$), was synthesized, characterised and used as photocatalyst for removal of organic dyes.
 - d. A series of (ZnO/Au_x) nanocomposites ($x = 0.01, 0.05, 0.08, 1$ and 2 wt. % were synthesied, characterised and a thorough investigation of the photocatalytic performance has been carried out.

Centre of Excellence for Environment, Climate Change and Public Health, Utkal University (CoE-ECCPH)

Vision

Develop CoE-ECCPH as a knowledge centre of national repute for undertaking multidisciplinary research and teaching aimed at reducing the anticipated impacts of climate change on environment and natural resources, health and other vulnerable sectors.

Mission

- Document existing and available knowledge, generate new knowledge through studies and research there by enhancing teaching learning process in the climate change domain.
- Undertake studies on adaptation measures in environment management, health and other vulnerable sectors.
- Elevate the debate on climate change in higher education system by organizing conferences, seminars, workshops and training programmes.
- Network and collaborate with Government, Industries and other stakeholders for knowledge sharing, research and facilitate evidence based policy, provide backstopping support, and improved higher education standards.
- Globalise Utkal University's higher education through improved systems and facilities for foreign scientists and students to work in research programmes designed by the Centre of Excellence

Coordinators and co-coordinators

- a. Prof. Pravati Kumari Mahapatra
- b. Prof. kabir Mohan Sethi
- c. Dr. Sabuj Sahoo
- d. Dr. Chinmay Pradhan

Visiting Faculties

1. Prof. Sudhanwa Chandra Patra
2. Prof. Rama Chandra Mohanty

Institutions/Centres/Departments committed to work on Climate Change

1. Centre for Climate Change research, Indian Institute of Tropical metrology, Ministry of Earth Sciences, Pune
2. CoE on Climate Modelling, IIT, Delhi
3. NISER, Bhubnaeswar
4. IIT, Bhubnaeswar
5. Divecha centre of Climate Change, Bangalore
6. Forest and Environment Department, Government of Odisha

7. Water resources Department, Government of Odisha
8. Directorate of Soil Conservation, Government of Odisha

Events organised

1. Distinguished Lecture Series

- a) Lecture by Prof. Rabindranath (Former Professor, Indian Institute of Science, Bengaluru), 21 January 2020
- b) Lecture by Dr Gurfam Beig (Scientist G), 20th March 2020

2. Brainstorming Session

Brainstorming session with experts from IMD, Regional Office, Odisha, IITM, Pune, IIT, Bhubaneswar, NISER, Bhubaneswar, IIPH, Bhubaneswar, Engineers from Basin Planning and Climate Change unit of Water Resources Department, Govt. of Odisha
10th February 2020

3. Training

Training on Environment and Climate Change was organised

4. National Conference on Climate Change, 12-13, March 2020

The conference focused on Climate Change with sub-themes (i) climate change projection, (ii) Climate Change in water and agriculture. (iii) Governance and Financing and (iv) Climate Change and Bio-diversity.

Way Forward

- CoE-ECCPH aims to be a global Centre of Excellence on Climate Change and Development research based in India where Climate Change has a significant impact.
- CoE-ECCPH wants to build and lead a network of partner institutes in India, South Asia and South East Asia, together educating stakeholder about Climate Change and Development. CoE-ECCPH's work will lead to increasing capacities of countries in the South Asia both in terms of knowledge and trained personnel.
- CoE will recruit Post Doctorate Fellows (PDF), Research Assistants, Adjunct Faculties, Concurrent Faculties and Research Scholars.
- CoE will formulate a syllabus for a multidisciplinary Post Graduate Degree course on Climate Change and Resilient Development.

Centre of Excellence in High Energy and Condensed Matter Physics

Vision

To emerge as a leading global centre of research in theoretical and applied Physics

Mission

1. To make high quality Physics education accessible to talented students
2. To maintain high academic standard in research areas of theoretical and applied Physics
3. To reach out to the peripheral sectors and public at large in spreading the culture of scientific education and research

Key objectives

4. Study of CP violation in B-meson system and Leptonic sector (collaboration with TIFR, Mumbai and KEK, Japan)
5. Study of the properties and interactions of neutrinos
6. Study of the events in cosmic rays with air shower detectors and a large area muon detector (collaboration with GRAPES-3 experiment at CRL, Ooty, TIFR)
7. Study of the evolution of the Universe and statistical isotropy with CMBR data
8. Study of the properties of infinite nuclear matter, quark-matter equation of state, properties of compact star
9. Study of Gauge-gravity duality, Quark-gluon-plasma
10. Study of nano scale material characterization, spintronics based oxide materials
11. Study of acoustic emission during plastic deformation
12. Establishing a low energy, high current Ion beam facility
13. Establishing a centre for high performance computing facilities (HPCF) for providing supercomputing, networking for research and educational resources to the diverse academic community, research and technology dependent industries of Odisha

Thrust Areas

1. High Energy Physics
2. Astro particle physics
3. Gravitation and Cosmology
4. Magnetism and Spintronics
5. Nonlinear Dynamics
6. High Performance Computing
7. Condensed Matter Physics
8. Nanoscience and Nanomaterials

Tentative activities to be performed

1. Planning to organize a national conference.
2. Planning to organize invited lectures by eminent guest Professors.

3. To augment the library with books on advanced research areas.
4. To up grade the teaching and research laboratories.
5. To publish the research findings in the areas of a) properties and interactions of neutrinos in long baseline experiments , b) study of the events in cosmic rays with air shower detectors and a large area muon detector (collaboration with GRAPES-3 experiment at CRL, Ooty, TIFR) in reputed international journals.

Details of Coordinator and other staff involved

1. Swapna Mahapatra (Professor) (Coordinator) (Physics)
2. Prafulla Kumar Panda (Head, Physics) (Deputy Coordinator)
3. Sushanta Kumar Badamali (Associate Professor) (Deputy Coordinator) (Chemistry)
4. ShesansuSekhar Pal (Reader) (Physics)
5. JagadishKumar (Asst. Professor) (Physics)
6. BhagabanKisan (Asst. Professor) (Physics)

Experts onboard

1. Prof. Sunil Mukhi (IISER, Pune)
2. Prof. V. Balakrishnan (IIT, Madras)
3. Prof. Basanta K Nandi (IIT, Bombay)
4. Prof. Bedangadas Mohanty (NISER, Bhubaneswar)
5. Prof. P.S. Anil Kumar (IISc, Bangalore)

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.

School of Women's Studies

A brief profile of the School of Women's Studies

The School of Women's Studies (SWS) was established within Utkal University in 1996. 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.

The School of Women's Studies was established under the mentorship of Prof Asha Hans who was the Founder Director. 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.

School of Women's Studies has signed a MOU with OXFAM since 2018 to offer a 'Gender Champion Training Programme' to the students of the university. SWS has also signed a MOU with NIPCCD, India to organise an orientation programme for college and University teachers.

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
The Social Consequences of Natural Disaster on Women: A Study of the Victims of "Fani"	C.W.D.S.
Gender Sensitization Training	Department of Women and Child Development, Government of Odisha
Training on Violence Against Women	NIPCCD, Guwahati
Gender Budgeting Training	Ministry of Women and Child Development, Government of India
A National Workshop on 'Revisiting Gender Budgets to Balance for Better'	Ministry of Women and Child Development, Government of India.

Achievements

a. Seminars/Symposia/Conferences/Lectures etc

- A National Level Workshop was organised by SWS on Giving Dignity to Violence Victims in collaboration with the Garima Abhijan on 15th January 2019.
- Three state level workshops on was organised by SWS on 'Gender Budgeting at Balasore, Cuttack and Bhubaneswar on 19th to 21st January 2019, 23rd to 25th February 2019 and 15th to 17th March 2019 respectively.
- SWS celebrated the International Women's Day on 8th March 2019 with Hon'ble Vice Chancellor of Utkal University Prof. Soumendra Mohan Pattnaik as the Chair , Prof. Nilika Mehrotra, Professor of JNU, New Delhi as Key note speaker, Mrs. S. Saini, IPS and Director of Biju Pattnaik Police Academy, Bhubaneswar as Chief Guest, Mrs. Sukirti Pattnaik, a leading entrepreneur as guest of honour.
- A 'Think Tank' was organised by School of Women's Studies, Utkal University on the International Women's Day celebration 2019. It was conducted on 8th March 2018 at P.G. Council Hall of Utkal University on the topic 'Women and Sustainable Development'.
- SWS organized the Vigilance Awareness Programme with Rotary Club, Bhubaneswar. The Chairperson, Post Graduate Council Prof. Sabita Acharya inaugurated the programme while members from the State Commission for Women, Odisha , Additional

S.P. Vigilance, Government of Odisha and Secretary Rotary Club addressed the students as panellists to generate awareness on the vigilance awareness week.

- The School of Women's Studies launched the Gender Champion Programme in collaboration with OXFAM, India on 1st November 2019. About 45 students across departments have registered for the training. This is an ongoing training for generating awareness of students on various gender issues and to evoke solutions to issues identified.
- A National Level Workshop was organised on 'Revisiting Gender Budgets to Balance for Better' from 29th November to 1st December 2019 at Bhubaneswar

b. NET/JRF

A Research Scholar of SWS has received ICSSR fellowship in 2019

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

- Pattnaik Annapurna and Rath Navaneeta (2019) Status of Children in Care Homes in Odisha A Socio-legal Analysis in Libraries at University of Nebraska-Lincoln Library Philosophy and Practice (e-journal),ISSN1522-0222
- Kalinga, Kirti K. and Rath Navaneeta(2019)"A comparative assessment of climate change related knowledge and perception of Coastal and Tribal community" Library Philosophy and Practice (e-journal) DigitalCommons@University of Nebraska - Lincoln,11-5.2019 ISSN-1522-0222
- Kalinga, Kirti K. and Rath Navaneeta (2019) Interrogating Climate Change through the Cultural Theory of Risk, Adalya Journal, Suna ve Inan Kirac Akdeniz Medeniyetleri Arastirma Enstitusu, <http://adalyajournal.com>, ISSN-1301-2746 impact factor 5.3, Web of Science Group, 2019, volume-8-issue-10-october
- Rath Navaneeta and Mishra Subhra (2019) Technical Education and Women's Empowerment in India: Challenges, Changes and Choices in T Gopinath, Sindhu K.K(Ed.) Wellness, Skill Development and Women Empowerment, Shipra publications, ISBN: 9788193838273
- Rath Navaneeta (2019) Understanding Gender Responsive Budgeting (edt. book), Mayur Publications, ISBN : 9788189626808

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

- Update the course curriculum as per the new NET syllabus.
- Collaborate with NGOS for compulsory Internship (one month) for SWS students.
- Organising regular training programmes for government officials, grass root workers, SHG members and NGO representatives working on Gender issues.
- Undertake research on upcoming women's issues.
- Introduce a certificate course on "Gender Issues and Interventions" for University students.
- Publish issue based monographs.

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 Teacher	Designation	Highest Qual.	Specialization
Stitapragyan Mohanty	Lecturer	M.Tech Ph.D. Continuing	Programming Languages, OS, DBMS, Computer Networks, Distributed System, WSN, Cloud Computing, IoT
Aliva Priyadarsini	Lecturer	M.Tech Ph.D. Continuing	Computer science
Pranati Satapathy	Lecturer	M.Tech Ph.D. Continuing	Image processing
Rasmita Padhi	Lecturer	M.Tech Ph.D. Continuing	Computer science

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):

2019-20	Total strength	Men	Women	Total	SC Men	SC Women	Total SC	ST Men	ST Women	Total ST
1st yr	60	37	23	60	05	0	05	02	0	02

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

Pranati Satapathy

Number of research paper published: 06 (Scopus Indexed)

Title of the paper	Name of the Journal/Conference	Date and Year of publication	Remarks Co-authors
Development of a novel neural network model for brain image classification	International Journal of Recent Technology and Engineering (IJRTE), 8(3), 7230-7235	September 2019	S. K. Pradhan, S. Hota
Exploring the Extreme Learning Machine for Classification of brain MRIs	International Journal of Engineering and Advanced Technology (IJEAT), 9(2), 3654-3657	December 2019	S. K. Pradhan, S. Hota
Forecasting of Net Asset Value using Modified Whale Optimization Algorithm based Ensemble Model	International journal of Innovative Technology and Exploring Engineering, 8(5), 379-384.	March 2019	S. Hota, D. Mishra
An Empirical Performance Analysis of Brain Image Classification Models using Variants of Neural	International Conference on Applied machine learning (ICAML)	October 2019	S. K. Pradhan, S. Hota

Networks			
Currency Exchange Rate Forecasting using FLANN-WCA Mode	International Conference on Applied machine learning (ICAML)	October 2019	S. Hota, D. Mishra
Development of Hybrid Extreme Learning Machine for classification of Brain MRIs	International Conference on Intelligent and Cloud Computing (ICICC)	December 2019	S. K. Pradhan, S. Hota

Stitapragyan Mohanty

A compendium on QoS matrices in IoT, International Journal on Recent Trend in Engineering, Vol-8, Issue-6, March-2020 (Scopus Indexed)

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**a. 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.

b. Students qualifying National level tests (2018): S. K. Safaruddin (GATE)

Department Facilities

The Department 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

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.

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

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



Biju Patnaik Sports Complex, Utkal University

Activities undertaken

Annual Working committee meeting of university sports council:

Annual working committee meeting of Utkal University sports council for the year 2019-20 was held on 16.08.2019 in sports council conference hall with 29 executive members present in the meeting. The meeting was chaired by Vice-Chancellor Prof. S. M. Patanaik. Action plan and budget of the year 2019-20 was approved in the meeting.

Observation of National Sports day & Work shop:

The National sports day was observed by the sports council on 29th August 2019. In this connection a workshop for physical education teacher was conducted, which was attended by more than 96 physical education teachers of affiliated colleges of Utkal University. Two retired physical education teachers were felicitated during the function for their contribution to sports council.

Inter College Tournaments:

During the session 2019-20 sports council conducted inter college tournaments in 33 sports disciplines. All the tournaments were conducted smoothly in 38 different colleges under Utkal University during September 2019 to January 2020. Total 5730 number of students of various affiliated colleges of Utkal University participated in those tournaments.

Coaching Camps:

The Sports council of Utkal University conducted coaching camps in 13 games during the session 2019-20. Total 178 players were attended the coaching camps. All the coaching camps were conducted by the efficient coaches.

Participation in Inter University Tournaments:

During the session 2019-20 Total 402 numbers of players represented Utkal University in 34 sports disciplines to participate in East zone and All India Inter University tournaments. In East Zone Inter University tournaments conducted by A.I.U. Our University became East Zone Champions in 3 games i.e Kho-Kho (Men), Cricket (men) Volley Ball (Men), All India Runners up in women Sepak Takraw game and east zone runners up in Basketball (Women) and 3rd position in East zone Kho-Kho women competition. So also 5 team qualified to participate in all India Inter University Tournaments remaining among in best four teams of the East zone.

Inter College Tournaments

Utkal University Sports Council conducted Inter college competition in 31 disciplines during the session 2019-20. Total Number Sports men & women participated in Inter College tournaments-5730.

Sl.no	Events	No of Colleges Participated	Number of Sportsmen & women participated
1	Aquatics(Men/Women)	19	130
2	Athletics(MW)	121	784
3	Badminton(M/W)	31	134
4	Ball badminton(M)	8	79
5	Basket Ball	8	96
6	Basket Ball(Women)	7	85
7	Boxing(Men)	8	32
8	Chess(MW)	38	178
9	Cricket(Men)	101	1435
10	Drop Roball (Men/Women)	12	92
11	Foot Ball (Men)	36	475
12	Foot Ball (Women)	7	92
13	Hand ball (Men)	14	55
14	Hand ball (Women)	6	182
15	Hockey (Men)	5	74
16	Kabaddi (Women)	12	122
17	Kabaddi (Men)	15	172
18	Kho.Kho (Women)	8	92
19	Kho.Kho (Men)	21	208
20	Kick Boxing (Men/Women)	13	67
21	Net Ball (Women)	5	54
22	Net Ball (Men)	7	74
23	Rugby (Men/Women)	9	98
24	Sepak Takre (Men/Women)	7	34
25	Soft Ball(Men)	12	174

26	Table Tennis(M&W)	12	68
27	Volley Ball(Men)	32	382
28	Volley Ball(Women)	7	72
29	Weight Lifting & Best Physique(MW)	10	76
30	Wrestling(MW)	15	64
31	Yoga(M/W)	11	50

Inter University Tournaments

Utkal University Sports Council participated in Inter University tournaments in all 31 disciplines during session 2019-20.

Total number of sportsperson that participated in Inter University tournaments are 402.

Sl No.	Events	No. of Sportsmen & women represented
1	Aquatics (Men & Women)	05
2	Athletics (MW)	12
3	Badminton (MW)	10
4	Ball badminton (M)	20
5	Basketball (Men)	12
6	Basketball (Women)	12+12
7	Boxing (Men)	06
8	Cricket (Men)	16+16
9	Football (Men)	20
10	Football (women)	18
11	Handball (Women)	12
12	Handball (Men)	12
13	Hockey (Men)	18
14	Kabaddi (Women)	11
15	Kabaddi (Men)	12

16	Kho Kho (Women)	12+11=23
17	Kho-Kho (Men)	12+9=21
18	Kick Boxing (Men/women)	06
19	Net Ball (Men)	12
20	Net Ball (Women)	10
21	Rugby (Men/women)	4+5=9
22	Sepak Takre (Men/women)	15
23	Soft Ball (Men)	02
24	Table Tennis (M&W)	4+5=9
25	Volley Ball (Men)	12+12=24
26	Volley Ball (Women)	12
27	Weight lifting & Best Physique	07
28	Wrestling (MW)	07+05=12
29	Yoga (MW)	09
30	Archery (MW)	04
31	Roller Sports (Men)	02

Performance in East Zone Tournaments

Five teams of Utkal University qualified from east Zone to participate in All India Inter University tournament.

The East Zone Inter University Men Kho-Kho tournament was organised by Sports Council of Utkal University from 28/11/2019 to 01/12/2019. 34 Universities participated in the said tournament.

Sl. No.	Events	Position
1	Kho-Kho (Men)	Champion
2	Cricket (Men)	Champion
3	Volley Ball (Men)	Champion
4	Basket Ball (Women)	Runners-up
5	Kho-Kho (Women)	3rd

Performance in All India Tournaments

Sl. No	Events	Position
1	Sepak Takraw (Women)	All India Runners up

Performance in 1st Khelo India Inter University Tournament

Sl. No	Events	Position
1	Athletics (Women)	Bronze Medal

Student Welfare Activities

About the section

Utkal University has earned unmatched goodwill and reputation of being the best centre for higher education in Odisha. The alumni of the university have distinguished themselves with their exceptional performance in different walks of life: academics, civil service, politics, literature, culture, science and business. The university provides platform for the students to prepare for the

The university encourages the students to participate and be involved in different activities such as seminars and competitions, social service, training and placement, sports and cultural programs, etc.

Currently, the university has enrolled 3094 students different post graduate programs, 422 in M.Phil and 1127 scholars in Ph.D. programs are perusing higher education in the university. In order to bring holistic development in student's personality, the university organizes several students centric and student-driven through various wings such as:

1. National Service Scheme
2. Social Services Guild
3. Director, Students' Welfare
4. Sports Council

5. Cultural Club

6. Utkal University Placement Cell

The Students' welfare wing of Utkal University, primarily responsible for monitoring fellowships sponsored by various Govt. of India funding agencies such as UGC, DST, CSIR, ICMR, ICSSR and MANF etc. that are meant for pursuing M. Phil and Ph. D program. National fellowships exclusively awarded to SC/ST/OBC students are managed by this unit. The Unit also handles Indira Gandhi P.G. scholarship for single girl child, University rank holders fellowship and scholarships sponsored by Rastriya Sanskrit Sansthan. Students' welfare section is engaged in processing of PRERANA scholarship, Biju Patnaik research fellowships.

Activities Undertaken during 2018-2020 academic years:

- Inter-college Chancellors debate competitions in English, Odia and Hindi; General Knowledge, Elocution as well as essay competitions were organized on the occasion of University foundation day.
- The section also organized a central Induction program for the newly admitted students of the University on 19th-20th Aug 2019. This unit also played an active role in organizing Convocation, University foundation day and Platinum jubilee celebration of University during the academic session 2019-2020.

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

**UGC- Human Resource Development Centre, Utkal University, Vani Vihar, BBSR
Refresher Course in Indian Language and Culture (23.10.2019 - 05.11.2019)**



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

Year of establishment – 1962

Staff Profile -

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



University High School, Vani Vihar

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 - 614

Result

- *Board* - BSE Odisha, AHSCE - 2018
- *Pass rate* - 78%
- 13 students passed in first class. Two students were awarded with national merit-cum-means scholarship in the academic year.

Student Activities

1. Annual Science Exhibition was organised in the school and one student participated in the District level science exhibition and was awarded Inspire Manak cash prize of 10,000/- for best innovative science project.
2. Students participated in district level Quiz, song, debate and essay competition organised in "Suravi".
3. The school always celebrate Hindi Divas, This time it was organised in the school premises by 1990 batch Alumni.
4. Children's day, Gandhi Jayanti Teacher's Day, Netajee Jayanti are observed and celebrated in the school. Various competitions were held on those occasions.
5. Swachhata Pakhya was celebrated in the school from 1-15th September, 2019 under Swachha Bharat Abhijan.
6. Interschool science exhibition and interschool sports competition was held in the school to celebrate Platinum Jubilee of Utkal University. 25 schools had participated in this function.

New Campus, Utkal University

A brief profile of Utkal University New Campus

Utkal University, one of the premier universities of the country and Mother University of the state witnessed its expansion in the rural area at Chandikhol of Jajpur district of Odisha in the year 2018. While driving the initiatives towards a holistic approach in academic engagement, the new campus in Chandikhol has been well equipped with academic courses that are highly significant and relevant to the context of rural society in India. At present the campus is successfully running the courses in Master of Business Administration in Rural Management, Masters in Public Health and Masters in Social Work. These programmes have been designed in such a way that it could address the emerging issues of rural society at large.

Vision:

Create an inclusive ecosystem with academic excellence while complementing to the needs of the rural society.

Mission:

1. Augment the research and development activities with a focus on the need of rural society
2. Promote field activities with an objective to keep the students and faculties engaged with ever emerging issues on rural development
3. Ensure professional ethics and acumen in developing a university-society interface while dealing with the challenges of rural society in the locality
4. Facilitate the rural institutions in achieving their goals of human development in multiple sectors
5. Spearhead a unified platform while ensuring vibrant interaction between the civil society

Facilities available

The Department 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

Programmes Offered

- I. MBA In Rural Management [24 seats]
- II. Masters in Public Health [24 seats]
- III. Masters In Social Work [24 seats]

Faculty

MBA in Rural Management

Course Coordinator: Dr. Rabindra Garada, Reader & Head, Department of Sociology, Utkal University, Vani Vihar

Co-Course Coordinator: Dr. Rashmita Sahoo, Assistant Professor, Department of Business Administration, Utkal University, Vani Vihar

Master in Public Health

Course Coordinator: Dr. Himanshu Sekhar Rout, Reader, Department of Analytical & Applied Economics, Utkal University, Vani Vihar, Bhubaneswar

Co-Course Coordinator: Dr. Priyanka Khurana, Assistant Professor, Department of Anthropology, Utkal University, Vani Vihar

Masters in Social Work

Course Coordinator: Dr. Himanshu Sekhar Rout, Department of Analytical & Applied Economics, Utkal University, Vani Vihar, Bhubaneswar

Co-Course Coordinator: Dr. Tanaya Mohanty, Assistant Professor, Department of



Achievements and Facilities

1. The 73rd Independence Day was celebrated at the New Campus , Utkal University
2. Fit India Run event was conducted on the eve of Gandhi Jayanti with an objective to create awareness among the public in the vicinity of the New Campus, the students and faculties of the New Campus initiated Fit India run and also conducted a cleanliness drive in the area and emphasized upon the 'say no to plastic' Campaign.
3. Students from New Campus participated in the Platinum Jubilee Celebration of Utkal University at Vani Vihar campus in January, 2020 and set up an exclusive stall on Rural innovation. The students presented innovative projects on rural health, sanitation and innovative infrastructure etc.



Inter-Departmental zonal level Chancellor's Cup Debate Competition -Inter-Departmental Zonal level Chancellor's cup debate competition in English, Hindi and Odia was organised from 10th February 2019 to 12th February 2019 at the New Campus,Utkal University, Chandikhole.



4. The 71st Republic Day Utkal University was celebrated at the Utkal University New Campus on 26th January 2020.
5. On the eve of the 71st Republic Day Celebration and National Voter's Day on 25th January 2020, students participated in a Group Discussion on Citizenship Amendment Act, 2019 is discriminatory in nature, abrogation of Article 370 in Jammu and Kashmir is justified and the existing system in India is well equipped to combat the menace of malnutrition.
6. On 1st February, 2020, an orientation was organised for the students of the New Campus. Hon'ble Vice Chancellor, Utkal University along with other officials of Utkal University addressed the students enrolled in the three courses of the second campus at Chandikhole. Swachh Bharat Initiatives were undertaken by students along with the staff who jointly undertook a cleanliness of the New Campus premises on the occasion.

7. An event was organised to welcome the students of New Campus organised a welcome ceremony for the Freshers who have joined MBA, MPH and MSW courses. Students got motivated with the active interaction and participated in arrangement of cultural events and exhibited their talent.
8. The Inter-Departmental Zonal level Chancellor's Cup Debate competition was organised



in English, Hindi and Odia from 10th February 2019 to 12th February 2019 at the Utkal University New Campus, Chandikhole. Successful participants represented the New Campus at the Chancellor's Cup Debate Competition from 17th to 19th February 2020 at Utkal University (Vani Vihar) Bhubaneswar.

9. Rural Outreach Programme was organised by the Utkal University New Campus at Darpan Gram Panchayat on 26th February, 2020 a seminar was organised at Darpani GP office. It was a detailed interactive session with the villagers on issues regarding their access to basic amenities such as Health, Education, sanitation etc. The programme was coordinated by RUSA 2.0 and paved the road ahead for holistic outreach work.

Way forward

The Utkal University New campus (Rural) at Chandikhole is striving towards excellence not only in academic programme but also in societal transformation at large. Equipped with extremely relevant courses in the context of rural development, the campus is continuously

striving towards bringing together a convergence in theory and praxis with the sole objective to bring transformational changes in the lives of rural population of the state.

World Bank-OHEPEE

About World Bank – OHEPEE Project

The development objective of the World Bank - Odisha Higher Education Program for Excellence and Equity (OHEPEE) Project for Odisha is to improve the quality of and students' equitable access to selected institutions and enhance governance of the higher education system in Odisha. The OHEPEE, is supporting the Government of Odisha (GoO) in strengthening state-level initiatives of the OHEPEE through two components: (a) OHEPEE program for results (PforR) program, and (b) a technical assistance (TA) component. The OHEPEE has two results areas: (a) improving quality of and students' equitable access to selected institutions, and (b) enhancing governance of the higher education system.

Utkal University has signed a MoU with the Higher Education Department (HED), Government of Odisha on 31st July, 2018 to implement the World Bank supported Odisha Higher Education Programme for Excellence and Equity (OHEPEE).

The primary role of Utkal University is to:

- Strengthening linkages and assisting affiliated colleges in improving the competency of students through improved quality of teaching and learning; curriculum reforms; examination system; and research activities.
- Improving the quality of teaching and learning, examination system, and research activities.
- Creating linkages with national and international Universities, research labs and industry.
- Supporting affiliated colleges to increase their on-time graduation rate of students in the undergraduate degree disaggregated by women, ST, SC, and total students.
- Improving procurement and financial management.
- Satisfactorily achieving the annual milestone set by the HED.

Coordinators and co-coordinators

Coordinator – Prof. Nigamananda Das, Department of Chemistry

Deputy Coordinator – Dr. Prasanna Kumar Patra, Department of Anthropology

Components of World Bank – OHEPEE Project

Strengthening of Affiliated Colleges

- Academic training for affiliated colleges
- Assistance for NAAC accreditation
- Strengthening examination system
- Monitoring programme for affiliated colleges by research scholars
- Organising Exposure visits
- Skill development and Entrepreneurial skill promotion among students

Setting up of Centres of Excellence

With World Bank – OHEPEE Project's support the University has set up three Centres of Excellence. They are:

1. Centre of Excellence in Human Capital Development

Coordinator – Prof. Santosh Kumar Tripathy, Department of PMIR

Co- Coordinator - Dr. Alok Ranjan Behera, Department of A&A Economics

2. Centre of Excellence in Integrated Omics and Computational Biology

Coordinator – Prof. Jagneshwar Dandapat, Department of Biotechnology

Co- Coordinator - Dr. Gunanidhi Sahoo, Department of Zoology

3. Centre of Excellence in Tribal and Marginalized Communities

Coordinator – Dr. Prasanna Kumar Patra, Department of Anthropology

Co- Coordinator - Prof. Mitali Chinara, Department of A&A Economics

Knowledge Enhancement activities for the University

- Modernization and strengthening of laboratories
- Updation of learning resources
- Research support at University level on predefined guidelines
- File/office automation
- Setting up and Management of Project Monitoring Cell
- International collaboration
- Organisation of seminars and workshops

Activities conducted

1. Strengthening of Affiliated Colleges

- Two meetings of Principal-cum-IQAC Coordinator of selected affiliated colleges of Utkal University have been conducted.
- Steps has been taken to digitise the activities and strengthen the infrastructure of CDC office.
- Combined BoS of the all the Universities has been organised to finalised the UG-CBCS syllabi of all subjects which has been subsequently implemented in all the affiliated colleges of University and in the state.
- Fifteen Academic training programme of seven days duration on UG CBCS syllabi covering 15 subjects for faculty of affiliated colleges have been conducted during 2019-20. Altogether 784 faculty participated in theses training programmes.
- A Training Nodal Officer has been engaged for planning and execution of the training programmes.
- In order fulfil one of the important objectives of WB-OHEPEE programme to increase the percentage of colleges with NAAC accreditation and improvement of grades of already accredited colleges, seven NAAC experts have been engaged for mentoring about 132 affiliated colleges of Utkal University. A group of about 20 colleges has been put under each mentors. A workshop for the colleges and mentors on NAAC Application/Accreditation process has been organised on 4th February, 2020 where more than 100 colleges participated.
- Display of On-Time Graduation (OTG) status of undergraduate students in the University website for close monitoring to improve their academic and career prospects.
- Process has been initiated for strengthening the facilities for automation of all the examinations result publications.

2. Setting up of CoEs

- Three Centres of Excellence (CoEs) have been established with focused vision and objectives. Mentor, Coordinators/Co-Coordination, core members from among faculty of different departments of University (inter disciplinary) and adjunct members of other institutes (inter institutional) have been selected.

- First phase engagement of PDFs, Research Assistant and Office assistant have been made as per availability for different CoEs. Second phase appointment is in process.
- Meetings at regular intervals with mentor and core working members have been conducted for planning with timeline and execution of works.
- Procurement of equipments and other items for CoEs are in progress.

3. Civil work in the University campus

- Plan for civil work in the University Campus has been submitted to PWD, Government of Odisha for further processing and execution of the work.

4. Non-civil activities for University

- A Project monitoring unit has been set up with minimum infrastructure facilities. A Project Monitory Committee with Vice Chancellor as the Chairman and including the members from academic and administration has been constituted to monitor and review the progress.
- Twenty National seminars/conferences/workshop (1 to 2 days duration) have been organised by departments/centres on thrust areas of the different departments/centre during 2018-19.
- A Research Scholar conclave has been organised on 26 November, 2019 as a part of student development activity. More than 100 research scholars from in and outside University participated in the conclave.
- Procurements of furniture and other items are in process.
- A guideline for research support to the faculty at University level has been framed for carrying out small socially important research problem leading to innovation, quality papers, patent etc.
- In order to Internationalisation University, an International office of Utkal University has been established in January 2018 with specific objectives/goals. A detailed report of International office with activities undertaken is given separately.

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19. The art and science of photography on World Photography Day - IQAC, Utkal University

Way forward

The Project looks forward to continue all the ongoing activities in addition to some new activities. Emphasis will be given on following activities under different component of WB programme.

- Organisation Principal-cum-IQAC Coordinator meetings on NAAC accreditation process as well as on improvement academic, administrative and examination systems.
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Utkal Entrepreneurship & Career Hub (UECH)

A Brief Profile of Utkal Entrepreneurship & Career Hub (UECH)

Utkal Entrepreneurship & Career Hub (UECH) at Utkal University campus is a non-profit making and voluntary organization having the sole objective to improve quality, excellence and equity in the higher education scenario. UECH is funded through RUSA 2.0 and is set up with an objective to promote the spirit of entrepreneurship and foster innovation in aspiring entrepreneurs, students, unemployed youth and unskilled workers of rural areas.

Objectives

- To promote the spirit of entrepreneurship through innovative pathways and business models.
- To provide national and international linkages to aspiring students in achieving a suitable placement in contemporary job market.
- To impart incubation training and experience to potential entrepreneurs to successful business ventures.
- Offering of new courses at various levels to equip the students in various silks as required by the industries.
- To identify and carry out cutting-edge research in relevant fields.
- To, Upgrade certify and market the traditional artefact and skills of the local communities.
- To ensure sustainability of these initiatives through adequate mechanism.
- To connect the research insight with the public policy.
- To ensure wider outreach of institute's research outputs for well-being of local communities through extension initiatives.
- To organize training programs for the farmers, women, local youth and other stakeholders in achieving sustainable development goals (SDGs) in villages.
- To disseminate the research findings among the public through publication, translation, visual media, documentation, performance and aesthetics.

- To provide relevant training to local artisans through establishing Rural technology park for dissemination of research output.
- To provide international exposure through exchange of aspiring entrepreneurs, out-studying students, members of the faculty and research scholars, through workshops, training programs, visiting assignments and leaderships programs in different fields through international collaboration.

UECH Verticals

The focus areas of function can be divided in three broad verticals. They are,

- **Placement & Career guidance:**

The hub is responsible for organising various Online and offline preparatory coaching facility to ready the students for different career opportunities. This vertical includes organising sector agnostic seminars, conferences, skill development workshops, soft skill training, mentoring on CV preparation, professional grooming, conducting Student Employability Enhancement Programmes. Apart from all these most importantly the hub will act as a liaisoning unit between the University and various industries in order to enhance and facilitate student placement.

- **Business Incubation/Innovation**

The hub is actively working on setting up a world class Incubation Centre in the University. The Incubation Centre will act as a catalyzing agent in the innovation eco system and will be mentoring selected incubatees. It will provide them with a seed fund to establish their business. Legal counselling and IPR support will be providedd by the Hub. Networking and market linkage plays a huge role in the success rate of any business. The Hub will make sure the incubatees are connected to the right network and funding linkage. It will also provide the incubatees the necessary legal and accounting services to set up their business. On job trainings, research grants, industry exposure visits will be organised for the students.

The Hub will be grooming NSS (National Services Scheme) students as frontline field agents for scouting innovative ideas and models in rural areas. Identification of products eligible for Geographical Indication (GI) status will also be a part of UECH.

- **University-Industry Collaboration**

The Hub is collaborating with various industries in order to organise Industry exposure visits for the students and incubatees. These industry collaboration has resulted in empanelling experienced entrepreneurs as resource persons who will be mentoring our students. It will act as a knowledge hub for aspiring entrepreneurs. It will provide On job trainings, organise

research grants apart from liaising with corporates for obtaining CSR funds for aiding infrastructural development of the University.

General Body Members

Sl No.	Position	Designation (UECH)
1	The Vice Chancellor, Utkal University	President
2	The Chairperson, PG Council, Utkal University	Vice-President
3	The Registrar, Utkal University	General Secretary
4	The Comptroller of Finance, Utkal University	Treasurer
5	RUSA Coordinator, Utkal University	Joint Secretary
6	Principal, SCB Medical College	Member
7	Director, R&D, Utkal University	Member
8	Centre Head, CAM	Member
9	Director, Centre for Study of Social Exclusion & Inclusive Policy	Member
10	Director, School of Women Studies	Member
11	HOD, A&A Economic	Member
12	HOD, AICH & A	Member
13	OSD, New Campus	Member
14	HOD Psychology	Member

Governing Body Member

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1	The Vice Chancellor, Utkal University	
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6	Principal, SCB Medical College	Member
7	Director, R&D, Utkal University	Member

KEY HIGHLIGHTS	
Registration	<p>Utkal Entrepreneurship and Career Hub was registered under the Societies Registration Act, XXI of 1860 and the Memorandum and Bylaws were signed on 22nd May 2019 with the following members as the first forming Executive Council</p> <ol style="list-style-type: none"> 1. The Vice-Chancellor, Utkal University - President 2. The Chairperson, PG Council, Utkal University - Vice- President 3. The Registrar, Utkal University - General Secretary 4. The Comptroller of Finance, Utkal University - Treasurer 5. The Coordinator, RUSA, Utkal University - Joint Secretary 6. The Principal, SCB Medical College - Member 7. The Director, R&D, Utkal University - Member
Orientation Programme	<p>A half day workshop titled ‘Sensitization on entrepreneurship and incubation ecosystem’ on 28th September, 2019 was organised on behalf of UECH. The workshop was intended to sensitize all the faculties of all departments under the university on the incubation ecosystem to be developed under the Utkal Entrepreneurship and Career Hub (UECH) for promoting and mentoring start-ups in the future.</p>
Training Programmes	<ol style="list-style-type: none"> 1. Two Corporate talks were held by UECH in the Utkal University Campus in collaboration with the Centre for Agribusiness Management on 4th & 11th March, 2020. The talks were attended by approximately 40 students on each day. The programme focused on personality development of the students and coached them to prepare for a professional career. 2. Coordinating with Art of Living for starting an online course on wellness & Mental Health.

Industry Collaboration	<p>1. PMSU, RUSA has prepared the Concept note on UIC and submitted the same.</p> <p>2. Multiple visits and meeting with top management of Utkal Chamber of Commerce & Industries took place regarding Industry Collaboration.</p> <p>c. Development of industry database-</p>
MoUs signed	Meeting with representative of North Eastern University, Boston for discussion on scope of work for a planned MoU has been initiated.
FINANCE	
Bank Operations	Separate bank account of the Society has been opened which is to be jointly operated by Treasurer and General Secretary.
Fund Status	<p>Rural Technology Park</p> <ul style="list-style-type: none"> • Committed Amount: INR 6.75 Crores <ul style="list-style-type: none"> – Sector Specific / Areas of focus related equipment: INR 2 Crores – Maker Space / Building: INR 3 Crores – Developing land & furnishing of space for UECH: INR 1.75 Crore <p>Water Harvesting Project in Vani Vihar campus:</p> <ul style="list-style-type: none"> • Committed Amount: 1.5 Crores
INFRASTRUCTURAL PROJECTS	
Rural Technology Park	A Rural Technology park is being set up set up in the new campus of Utkal University in collaboration with the Centre for Agri Management, Dept. of Agri Business Management.

Future Plan of Action

- The first governing body will be organised.
- A series of webinars of start-ups and entrepreneurship will be organised with eminent personalities from the start-up scenario of Odisha as resource persons.

- The Hub will initiate Call for ideas and selection of incubatees for the Incubation Centre. A Selection & Evaluation committee will be constituted for the same.
- A course on wellness and mental health will be started for the faculties and students of the University.
- A Rural Technology Park will be established in the New Campus of Utkal University at Chandikhol. This Park will also host indigenous product manufacturers and provide them with market linkage.
- Cluster wise sensitization of NSS students