

Information Bulletin

2023-2024



NAAC 'A+'

POST-GRADUATE COUNCIL
UTKAL UNIVERSITY

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1. UTKAL UNIVERSITY

INTRODUCTION

Utkal University, established in the year 1943, is the seventeenth oldest University in India. Its present campus at Vani Vihar is located on a sprawling 399.9 acre area in the heart of Bhubaneswar beside the National Highway No.5, connecting Kolkata and Chennai. The foundation stone of the campus was laid by Dr. Rajendra Prasad, the first President of India, on 1st January 1958, and the campus was inaugurated by Dr. S. Radhakrishnan, the second President of India, on 2nd January 1963. A teaching-cum-affiliating university, Utkal University at present has twenty-seven Post-Graduate Departments located in its campus for studies and research in the disciplines of Science, Humanities, Business Administration, Social Sciences, Law and Commerce. The total number of students in the P. G. Departments of the campus at Vani Vihar is about 5,000. Utkal University is the largest affiliating university in the country having 381 affiliated general colleges including 16 Autonomous Colleges, 100 Professional Colleges, 9 Law Colleges and 7 Medical Colleges, which include 2 Homeopathic, 1 Ayurvedic, 2 Dental and 2 Allopathic Medical Colleges.

A BRIEF HISTORY

Prior to 1936, when Odisha was made into a separate province, all the colleges in the region 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 states of Odisha by an agreement between the rulers of these princely states and the Government. 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 extended to the whole state 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 known as Madhusudan Law College, Cuttack. In 1956, the second phase of expansion began with the opening of the Post-Graduate Department of Geology in Ravenshaw College Campus and an Engineering College at Burla, Sambalpur. The Research Centre 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. The same year, the University office was shifted to the Circuit House in Cuttack. The University in the initial phases provided new facilities for post-graduate studies only in those subjects which were not taught at Ravenshaw College at that time. In 1958, the Post-Graduate Departments of Psychology, Statistics, Political Science and Anthropology were set up. While the first three Departments were housed in the premises of Ravenshaw College, the Department of Anthropology was accommodated in a rented house in Bhubaneswar. The University took over the Post-Graduate Department of History from Ravenshaw College in 1959. Post-Graduate studies in Zoology and Commerce were introduced in 1960 and 1962 respectively. The Research Centre of Rural Economics and Sociology introduced Post-Graduate courses in Applied Economics in the year 1963 was subsequently renamed the Department of Analytical and Applied Economics.

Around this 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 above two 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 set up 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 an 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. Since the separation of the Computer Centre from the Department of Computer Science and Applications in 1998, the Centre is functioning under the direct administrative control of the P.G. Council. The Computer Centre, Academic Staff College and Jubilee building have been constructed separately for smooth functioning. During late nineties new buildings were constructed for the Department of Pharmacy, Integrated MCA, 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 and now has its own infrastructure.

At present, the University has twenty-seven Post-Graduate teaching and research departments in the campus. The University has also offered 17 Self-financing courses, besides three constituent institutions: Directorate of Distance and Continuing Education, University Law College at Vani Vihar and M.S. Law College at Cuttack.

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

In 1998, two more universities - North Odisha University and Fakir Mohan University-came into being to meet regional needs 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. kilometers and caters to the for higher education needs of a population of more than 120 lakh.

In 2006, the then Ravenshaw College was converted to a unitary University and in 2015, the first Women's University, Ramadevi Women's University was established. All Women's Colleges under Utkal University were transferred to this Women's University.

In the year 2003, Utkal University received first accreditation from NAAC, as B++ University. With remarkable progress Utkal University got 'A+' status from NAAC in 2016.

The University reaches another milestone in 2018 as it completes seventy five years of its existence. In this Platinum Jubilee year it is set to redraw the academic map with future-oriented courses for the second campus, inaugurated on the 31st of July 2017, and the revamping of courses in the main campus. The infrastructure has got a significant boost by the establishment of a state-of-the-art sports complex, a hostel each for men and women and a high-performance computer centre.

The university has been accorded autonomous status by UGC and has been placed among 25 best institutes of India, as a Category-I university, for maintaining its high academic standards.

2. SUCCESSION LIST OF CHAIRPERONS, P.G. COUNCIL, UTKAL UNIVERSITY

| | | | |
|--|----------|--|--------------------------|
| 1.-Prof. Bidyadhar Mishra, Professor of Rural Eco., Sociology and Applied Eco | 1971-72. | 31.Dr. (Mrs.) Aruna Kumari Mishra, Prof. of Botany | 2000-01 |
| 2.-Dr. Radhanath Rath, Professor of Psychology | 1972-73 | 32.Dr. (Mrs.) Sharada Rath, Prof. of Pol.Sc. | 2001-02 |
| 3.-Sri Sadhu Charan Das, Professor of Statistics | 1973-74 | 33.Dr. P. C. Tripathy, Prof. of Commerce | 2002-03 |
| 4.-Dr. Ganeswar Mishra, Professor of Philosophy | 1974-75 | 34.Dr. B. P. Acharya, Prof. of Math. | 2003-04 (upto 23.02 04) |
| 5.-Dr. B. K. Behura, Professor of Zoology | 1975-76 | 35.Dr. B. Mohanty, Prof. of MBA | 24.02.2004 to 31.03.2005 |
| 6.-Dr. M. N. Das, Professor of History | 1976-77 | 36.Dr. P.K. Nayak, Prof. of Anthropology | 01.04.2005 to 31.03.2006 |
| 7.-Dr. S. K. Das, Professor of Commerce | 1977-78 | 37.Dr.. S.N. Tripathy, Prof. of Geog. | 01.04.2006 to 30.09.2006 |
| 8.-Dr. L. K. Mohapatra, Prof. of Anthropology | 1978-79 | 38.Dr.. M. Mahapatra, Prof. of Lib. Sc. | 01.10.2006 to 20.02.2007 |
| 9.-Dr. S. R. Mohanty, Professor of Chemistry | 1979-80 | 39. Dr. P.K. Sahoo, Prof. of Business Admn. | 20.02.07 to 31.05.08 |
| 10.Dr. S. N. Acharya, Professor of Geology | 1980-81 | 40.Dr. M. Mahapatra, Prof. Lib & Inf. Sci. | 01.06.2008 to 31.05.2009 |
| 11.Dr. B. Padhi, Professor of Botany | 1981-82 | 41.Dr. Mrs Rita Ray, Prof. of Sociology | 01.06.2009 to 31.05.2010 |
| 12.Dr. B. B. Deo, Professor of Physics | 1982-83 | 42.Dr. S. Moharana, Prof. of Commerce | 01.06.2010 to 31.05.2011 |
| 13.Dr. B. Mohanty, Professor of Oriya | 1983-84 | 43.Dr. P.K. Sarkar, Prof. of Law | 01.06.2011 to 31.05.2012 |
| 14.Dr. B. N. Sinha, Professor of Geography | 1984-85 | 44.Dr. P.K. Mishra, Prof. of Sanskrit | 01.06.2012 to 21.01.2014 |
| 15.Mrs. P. N. Das, Professor of English | 1985-86 | 45.Dr. G.K. Panda, Prof. of Geography | 21.01.2014 to 31.01.2014 |
| 16.Dr. R. N. Srivastav, Professor of Sociology | 1986-87 | 46.Dr. J.K. Panda, Prof. of MBA | 01.02.2014 to 14.03.2014 |
| 17.Dr. K. D. Gaur, Professor of Law | 1987-88 | 47.Dr. G.K. Panda, Prof. of Geog | 14.03.2014 to 30.06.2015 |
| 18.Dr. A. Kumar, Professor of Labour Welfare | 1988-89 | 48.Dr. R.K. Bal, Prof. of Commerce | 30.06.2015 to 31.05.2017 |
| 19.Dr. S. K. Mishra, Professor of Psychology | 1989-90 | 49.Dr. B. Satapathy, Prof. of Pol Sci | 01.06.2017 to 30.04.2019 |
| 20.Dr. K. S. Behera, Professor of History | 1990-91 | 50.Dr. Sabita Acharya, Prof. of Anth | 01.05.2019 to 30.04.2020 |
| 21.Dr. J. N. Sarangi, Professor of Statistic | 1991-92 | 51.Dr. Basant Ku. Mallik, Prof. of History | 01.05.2020 to 28.02.2022 |
| 22.Dr. G. Das, Professor of Mathematics | 1992-93 | 52.Dr. D.S Pattanaik, Prof, of Geology | 01.03.2022 to 31.05.2023 |
| 23.Dr. B. N. Puhan, Professor of Psychology | 1993-94 | 53.Dr. Navaneeta Rath, Prof. of Sociology | 01.06.2022 to cont..... |
| 24.Dr. R. K. Jena, Professor of Commerce | 1994-95 | | |
| 25.Dr.(Mrs.) P. Mohanty Hejmadi, Professor of Zoology | 1995 | | |
| 26.Dr. A. K. Mohanty, Prof. of Psychology | 1995-96 | | |
| 27.Dr. K. M. Patra, Prof. of History | 1996-97 | | |
| 28.Dr. K. Patnaik, Professor of Physics | 1997-98 | | |
| 29.Dr.(Mrs.) M. Satpathy, Prof., of Physics | 1998-99 | | |
| 30.Dr. A. K. P. C. Swain, Prof. of Botany | 1999-20 | | |

3. POST-GRADUATE DEPARTMENTS

The University has Post-Graduate Teaching-cum-Research Departments. The P. G., and Ph. D. courses offered, along with the respective student strength of the Departments in P.G Courses is given below.

| (A) | <i>P. G. Departments</i> | <i>Year of Establishment</i> | <i>Degree</i> | <i>Strength</i> |
|-----|--|------------------------------|----------------|-----------------|
| 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. | MA-26+M.Sc-8 |
| 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 | 1970 | M.A/M.Sc. | 24 |
| 12. | Geology | 1956 | M.Sc. | 28 |
| 13. | History | 1959 | M.A | 64 |
| 14. | Law | 1973 | LLM Vani Vihar | 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. | Personnel Management and 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 |

NB: The Notification for admission into Ph.D Coursework will be issued by Controller of Examinations.

ANALYTICAL AND APPLIED ECONOMICS (UGC support for CAS)

1. Year of Establishment : 1963
2. Programmes Offered : M.A., Ph.D.
3. Student Strength : M.A. –88
4. Faculty
- Head of the Department : Dr. Mitali Chinara
- Professors:
- a) Dr. (Mrs.) Mitali Chinara - Quantitative Methods, Econometrics, Gender Studies
RBI Chair Professor:
- b) Prof. Barendra Kumar Bhoi - Monetary Economics, Macroeconomics
- Readers:
- a) Dr. Himanshu Sekhar Rout - Health Economics, Research Methodology,
Gender Studies, IPR (GIs), Development Economics
- b) Dr Siba Sankar Mohanty - Environmental Economics, Discrimination Economics,
Research Methodology, Agricultural Economics.
- Asst. Professor
- a) Dr. Alok Ranjan Behera - Financial Institutions & Markets, International
Economics, Macroeconomics & International Finance
- b) Dr.(Mrs.) Swayam Prava Mishra - Financial Econometrics, Financial Economics,
Econometrics, Economics of Growth & Development.
- c) Dr. Atal Bihari Das - Economics of Social Sector, International Economics
& Financial Economics
- d) Dr. Kedarsen Sahoo - Microeconomics, Quantitative Method, Mathematical
Economics
- e) Mr. Sankar Marndi - Macroeconomics and International Economics
5. Support Staff - 04
6. Course Outline: The Course will cover the following subjects in general.

M.A.

Microeconomics-I & II, Macro Economics-I & II, Quantitative Methods-I & II, Public Economics, Indian Economy, Economics of Education, Economics of Growth & Development, Basic Econometrics, International Economics, Agricultural Economics, International Finance, Computer Application in Economics, Health Economics, Economics of Environment, Financial Institution & Market, Mathematical Economics, Advanced Econometrics, Economics of Gender and Development, Financial Inclusion and Economics Development, Dissertation.

Ph.D: Research Methodology, Computer Application in Economics, Review of Literature, Seminar.

7. Student Facilities: Seminar Library, Student's Library, Study Tour, Field Studies, Photocopy, Computer Lab. and Picnic.

Contact No. 0674-2567398

ANCIENT INDIAN HISTORY, CULTURE AND ARCHAEOLOGY (AIHCA)

1. Year of Establishment : 1996
2. Programmes Offered : M.A., Ph.D.
3. Student Strength : M.A. –32
4. Faculty
 - Coordinator : Dr. Sushanta Kumar Patra
 - Asst. Professor
 - a) Dr. Sushanta Ku. Patra - Ancient Indian History, Field Archaeology, Iconography and Regional History
 - b) Dr. Anam Behera - Ancient Indian History, Field Archaeology, Art History.
5. Supporting Staff : 02
6. Course Outline :

History of India from 6th B.C. to 1200 A.D., Principles and Methods of Archeology, Application of Science in Archaeology, Prehistory, Proto History in India, World Civilizations, Social and Cultural History of India upto 1200 A.D., Heritage of Indian Architecture, Indian Art and Iconography, Practical Training in Methods of Exploration and Excavation for a period of one week and submission of Project Report and viva , Economic History of India upto 1200 A.D., Heritage of Odishan Art and Architecture, Visit to Monuments for on the spot study and submission of field report for evaluation and viva, Heritage of Odishan Art and Archaeology, Heritage of Odishan Temple Art and Architecture, Structural Conservation and Chemical Preservation of Monuments and Antiquites, History of Odisha from 3rd Century B.C. to 13th Century A.D., Odishan Sculptural Art, Iconography and Painting, Indian Epigraphy and Numismatics, Dissertation on any aspect of Art, Archaeology & Monuments of Odisha and viva.
7. Students' Facilities: Seminar Library, Field Study and Tours, Audio Visual Facilities, Visit to Monuments.

ANTHROPOLOGY (Centre for Advanced Studies)

- | | | |
|------------------------------------|---|--|
| 1. Year of Establishment | : | 1958 |
| 2. Programmes Offered | : | M.A., M.Sc. |
| 3. Student Strength | : | M.A./M.Sc. –34(26 Arts and 8 Science) |
| 4. Faculty | | |
| Head of the Department | : | Professor Debendra Kumar Biswal |
| Professors | | |
| 1. Dr. (Mrs.) U. Aparajita | - | Social and Cultural Anthropology & Development Anthropology |
| 2. Dr. Debendra Kumar Biswal | - | Social and Cultural Anthropology |
| Associate Professor | | |
| 1. Dr. P.K. Patra | - | Medical Anthropology & Biological Anthropology |
| 2. Dr. K.C. Satapathy | - | Biological Anthropology & Human genetics |
| 3. Dr. Suresh Chandra Murmu | - | Social and Cultural Anthropology |
| Asst. Professor | | |
| 1. Dr. P. Khurana (Stage-II) | - | Biocultural Anthropology, Anthropological Genetics, Human Epidemiological Genetics and Human Evolutionary Genetics |
| 2. Mr. S.K. Naik (Stage-I) | - | Prehistoric Archaeology |
| 3. Dr. Paramandanda Naik (Stage-I) | - | Social and Cultural Anthropology |
| 5. Demonstrator | : | Nil |
| 6. Supporting Staff | : | 05 |
| 7. Course Outline | : | M.A./M.Sc., Ph.D. (Semester) |

M.A./M.Sc. (Choice Based Credit System)

Semester-I: Core Course (C) Social and Cultural Anthropology, Biological Anthropology & Human Genetics, Archaeological Anthropology, Research Methodology & Statistics, General Practical : Biological & Forensics Anthropology; **Semester-II:** Core Course (C) Indian Society & Applied Anthropology, Ecological Anthropology, Anthropological Thoughts, Medical Anthropology, General Practical : Prehistoric Archaeology and Museology **Semester-III :** Core Elective (CE) Anthropological Theories on Culture, Psychological Anthropology, Human Biology, Demographic Anthropology: Meaning & Methods of Study, Principles and Methods in Prehistoric Archaeology, Prehistoric Archaeology & Palaeoanthropology of Africa and Europe , Principles in Development Anthropology, Theories and Methods in Development Anthropology and **Semester-IV :** Core Elective (CE) Anthropological Theories on Society, Linguistic Anthropology, Advanced Practical : Research Methods & Ethnographic Readings, Fieldwork and Dissertation, , Medical Genetics, Human Genomics: Methods and Principles, Advanced Practical in Demography & Human Genetics, Fieldwork and Dissertation, Field Techniques and Methods in Prehistoric Archaeology, Prehistory & Protohistory of Eastern India and South-East Asia, Advanced Practical in Prehistoric Archeology, Fieldwork & Dissertation, Culture and Development, Anthropology of Organizational and Business Development, Advanced Practical in Community and Organizational Development, Fieldwork and Dissertation.

Allied Elective: Courses offered by the following Departments: ANTH-AE-A1: Political Science/ Psychology, A2: Women Studies/Political Science/Public Administration/ Sociology; B1: Biotechnology/ Botany, B2: Botany/Zoology, C1: Anthropology/AIHCA, C2: Ancient Indian History Culture & Archaeology D1 & D2: Public Administration / Political Science / Economics.

Allied Elective/Free Elective: ANTH-FE: Courses offered to the students of Anthropology and other allied Departments:- Tribes of India: Their Problems & Development, Anthropology of Gender, Forensic Anthropology, Anthropology for Archaeology, Archaeology of Odisha, Indian Anthropology, Tribal Art and Literature, Museology and Cultural Resources Management.

8. Students' Facilities: Seminar Library, Study Tour/Field Study, Anthropological Museum, Reprographic Facilities, Laboratory Facilities: Physical Anthropology Laboratory, Pre-historic Archaeology Museum-cum-Laboratory, Museology Laboratory; Photography Laboratory; Advanced Human Genetics Laboratory. Contact No.0674-3208296, headanthroutkal@gmail.com

Eligibility for Admission for P.G. Programme

Anthropology: Candidates may follow the Common PG Entrance Test (CPET-2021) Prospectus for admission into P.G. Course M.A./ M.Sc. in Anthropology (Arts and Science Stream) as mentioned in

Annexure-II- Subject Wise Eligibility Criteria.

BIOTECHNOLOGY (Supported by DBT- Govt. of India and DST-PURSE Sponsored)

1. Year of Establishment : 2002
2. Courses Offered : M.Sc. and Ph.D.in Biotechnology
M.Sc. Bio-technology Teaching Programme is a two years regular Programme of Utkal University, Vani Vihar, Bhubaneswar and supported by the Department of Biotechnology (DBT), Govt. of India, New Delhi. Students are selected through Graduate Aptitude Test in Biotechnology (GAT-B 2022), conducted by Regional Centre of Biotechnology (RCB), DBT, Govt. of India and Ph.D students are selected through Entrance Test conducted by the Utkal University, Bhubaneswar.
M.Sc. Biotechnology Course is a choice based credit system and Semester patter and Ph.D Course Work in Biotechnology is also Semester pattern system.
3. Sanctioned Student Strength : M.Sc. Biotechnology: 33 (thirty three) Seats per Academic Year (25 seats from GAT-B + 08 seats CPET Dept. of Higher Education, Govt. of Odisha).
Ph.D in Biotechnology: As per the decision of the University.
4. Head of the Department : Professor. Jagneshwar Dandapat, Ph.D
5. Name of the Faculty with Specialization
 - (a) Professor : Dr. Jagneshwar Dandapat, Ph.D
Specialization: Cell / Molecular Biology and Immunology
 - (b) Assistant Professor: Dr.(Mrs.) Jyotsnarani Pradhan, Ph.D
Specialization: Molecular Biology, Tissue Engineering, Redox Biology & Phytochemical Research.
 - (c) Assistant Professor: Dr. Sanatana Majhi, Ph.D
Specialization: Microbiology and Immuno Technology
 - (d) Guest Faculty: Mr. Sourav Ghosh
Specialization: Biochemistry, Parasitology and Immunology
 - (e) Guest Faculty: Dr. Dipti Mayee Dash, Ph.D
Specialization: Environmental Biotechnology and Microbiology
6. No. of supporting Staffs : 03 (three)
 - (a) Mr. Pradip Kumar Sahu: Senior Typist
 - (b) Mr. Pradyumna Kumar Sahoo : Office-cum- Computer Assistant (Consolidated)
 - (c) Mr. Bholanath Jena: Peon
7. Infrastructure Facilities :

The Department has active interaction in teaching and research with various Departments of the University and a number of National Institutes in and around Bhubaneswar.

The Department is having well established and equipped research laboratories through funding from the DBT, Govt. of India, DST, Govt. of India, Central Council for Research in Homeopathy (CCRH), Ministry of AYUSH, Govt. of India and State-DST etc. Students of this Departments have always excelled in various competitive examinations held for the award of Research fellowships at National level i.e., UGC-CSIR Net, GATE, DBT-JRF, ICMR-JRM and carrying out research in reputed Institutes and Universities in India & abroad. The Alumni of the Department are well placed in reputed Research Institutes in India and Abroad. The Department is currently pursuing research activities in the following areas.

- Redox homeostasis; Endocrine disruptions and Epigenetic modifications.
- Pharmacological screening of Bioresources for Therapeutic Interventions.

Infrastructure facilities: The Department has various laboratories, Cell Culture facility with state of art infrastructure to carry out practicals and research in various domain of Biotechnology.

At present following equipment's are available in our Department such as UV-Visible spectrophotometer, Microplate (ELISA) Reader, Fluorescence Spetrophotometer, Chemi Doc. System, Orbital shaker incubator, High speed refrigerated centrifuge, Gel Electrophoresis, Blotting System, Gel Doc, System, Thermal Cycler (PCR), -80°C, -50°C & -20°C Deep freezers, Hybridization oven, Sonicator, Research Microscopes, Fermenter, Milipore water purification system, Cold room, Power backup system, Oxygraph, Microscope with digital camera attachment

and Microtome for histochemical studies are available in this Department. Besides the above facilities, Department has developed cell culture facilities with Biosafety Cabinet (Level-II), CO₂ Incubator, Inverted Microscope and also has produced sophisticated equipment's like Real Time PCR, High Performance Liquid Chromatography (HPLC) system and Fluorescence Microscope.

Besides, the Departmental Laboratory facilities studies, faculty and research scholars also have access to the facilities of Central Instrumentation facility, and laboratory infrastructure of centre of Excellence in Integrated Omics and Computational Biology (COE-IOCB).

8. Course Fees for M.Sc. Programme : Rs.8,500/- per Semester per student.

Course Curriculum of M.Sc. in Biotechnology (Semester) under Choice based Credit System

CONTENTS

Core Papers

1ST SEMESTER:

Paper-101 Biotechnology
 Paper-102 Cell Biology and Genetics
 Paper-103 Instrumentation & Analytical techniques
 Paper-104 Biostatistics and Computational Biology
 Paper-105 PRACTICAL-I
 Seminar/Journal club/Assignment

3RD SEMESTER

Paper- 301 Genetic Engineering
 Paper- 302 Bioprocess Engineering and Industrial
 Biotechnology
 Paper-303 Core Elective courses
 CE-1 : Plant Biotechnology
 CE-2: Microbial Technology
 CE-3: Proteomics
 Paper-304 Allied Elective courses
 AE-1 : Animal Physiology and Development Biology
 AE-2 : Biotechniques
 Paper-305 PRACTICAL- III
 Seminar/ Journal club

Free Electives : Fundamental of life science: Origin of Life, Living systems and living processes.

2ND SEMESTER:

Paper-201 Microbiology
 Paper-202 Immunobiology and Immunotechnology
 Paper-203 Molecular Biology
 Paper- 204 Animal Biotechnology
 Paper-205 PRCTICAL-II
 Seminar/Journal club/ Summer training report

4TH SEMESTER :

Paper-401: Evolution and Environmental
 Biotechnology
 Paper- 402: Free Elective (Fe): Fundamentals of
 Life Sciences: Origin of Life, Living Systems and
 Living Processes
 Paper- 403: Research Aptitude, Scientific
 communication and Bio-entrepreneurship.
 Paper-404 Dissertation and Seminar Presentation
 and viva voce

Course Curriculum of Pre-Ph.d Course Work in Biotechnology

CONTENTS

Paper-I : Theory (Research Methodology/ Tools and Techniques in Biotechnology
 Paper-I : Theory (Biostatistics & Computational Biology)
 Paper-II : Review of literature and review presentation
 Paper-IV : Seminar-I & Seminar -II

9. Contact Number. 09437466087

BOTANY (UGC support for DRS)

1. Year of Establishment : 1969
2. Programmes Offered : M.Sc., Ph.D.
3. Student Strength : M.Sc. –32,
Ph.D Botany- 10, Environmental Science- 10,
Microbiology -10
4. Faculty
 - Head of the Department : Dr. Chinmay Pradhan
Associate Professor
 1. Dr. Chinmay Pradhan - Plant Tissue Culture & Cytogenetics,
Stress Physiology, Microbiology
 - Asst. Professor
 1. Dr.(Mrs.) Bhabatarini Panda - Algology, Microbial Biotechnology
 2. Dr.(Mrs.) Bandana Kullu - Environmental Microbiology, Stress Physiology
 3. Dr. Saroj Kumar Sahu - Environmental & Atmospheric Science, Air
Pollution, Remote Sensing and GIS
5. Demonstrators
Dr. Prasant Kumar Swain
6. Supporting Staff : 06

7. Courses Offered: **M.Sc. (Semester pattern)** The Course will cover the following subjects.

Semester-I-

Theory Papers : Diversity of Plant-I, Diversity of Plant-II; Cell and Molecular Biology; Plant Physiology & Metabolism.

Practical Papers : Practicals pertaining to theory papers.

Semester-II-

Theory papers : Biotechnology & Genetic Engineering of Plants, Cytogenetics, Plant Breeding and Evolution. Plant Taxonomy, Ecology & Biostatistics, Plant Development & Reproduction

Practical Papers : Practical pertaining to theory papers.

Semester-III-

Theory Papers : Allied Elective Course (Conservation Biology and Biostatistics/Plants and Environment), Free Elective (Development Biology/Environmental Studies)

Practical Paper : Practical pertaining to theory papers.

Semester-IV-

Theory Papers : Two elective theory papers (Biochemistry and Molecular Biology, Environmental Biotechnology, Plant Biotechnology, Microbiology).

Practical : Project-cum-Seminar

M.Phil :

Core: Techniques in Plant Science

Elective- Microbial Biotechnology, Environment and Pollution Management, Environmental Physiology, Physiology and Biochemistry of Stress, Plant Cell, Tissue and Organ Culture.

Practical Papers : Practical pertaining to core papers.

Dissertation: Pertaining to elective paper.

8. Students' Facilities:

Library, Computers & Equipment such as: U.V. Visible-Spectrophotometer, Atomic Absorption Spectrophotometer, Phase Contrast Microscope, (Cell) Inverted Microscope, Electro cell Manipulator, Electronic balance, Gas Chromatography, Oxygen Electrode, Refrigerated centrifuge, Incubator Shaker, Laminar Flow, thermal Cycler, Infrared Gas Analyzer, Gel Documentation System, Fluorescence Spectrophotometer, Fluorescence Monitoring System, Hybridization Oven, Freeze drier.

BUSINESS ADMINISTRATION

1. Year of Establishment : 1984
2. Programmes Offered : M.B.A., Ph.D.
3. Student Strength : M.B.A.-32
4. **Faculty Positions**
 - Head of the Department** : **Professor Sathya Swaroop Debasish**
 - Professor**
 - 1. Dr. Muna Kalyani - Human Resource Management & OB
 - 2. Dr. Sathya Swaroop Debasish - Finance, Marketing Management
 - Reader**
 - Dr. Dasarathi Sahu - Information Technology & Management
 - Asst. Professor**
 - 1. Dr.(Mrs.) Rasmita Sahoo - Financial Management & Managerial Economics
 - 2. Dr. Pallabi Mishra - Marketing Management
 - Supporting Staff** : 04
5. **Courses Offered : M.B.A. (Semester System).** The Course will be spread over 4 semester having 3200 marks with the following subjects in general.
 - Semester-I-** -Organisation Structure & Process, Quantitative Techniques, Managerial Economics, Organization Behaviour, Computer Applications for Management, Financial Accounting for Managers, Business Communication, Business and Corporate Laws.
 - Semester-II -** Human Resources Management, Operations Management, Marketing Management, Financial Management, Economic & Business Environment, MIS & DSS, Research Methodology, Cost & Management Accounting.
 - Semester-III -** Business Policy & Strategic Management, Project Planning, Control & Management, Summer Training Project. (A student will be required to take six elective papers as optional papers spread over third and fourth semester)
 - Semester-IV-** Business Ethics & Corporate Governance, Enterprise Resource Planning, Dissertation & Viva-Voce.
 - Electives** : Finance, Marketing, Human Resource Management.
 - Students' Facilities** : Seminar Library, Industrial Visit and Field Studies, Computer Laboratory Facilities, Reprographic Unit, Placement Cell.

Contact No. 9437284361(M) - HOD

CHEMISTRY**(UGC support for DSA and Asit DST support for FIST)**

1. Year of Establishment : 1967
 2. Programmes Offered : M.Sc., Ph.D.
 3. Student Strength : M.Sc.-32,
 4. Faculty
 Head of the Department : Dr. Satyanarayan Pal

Professors

1. Dr. N N Das - Materials Chemistry/Catalysis
 2. Dr. (Mrs.) Jashoda Behera - Inorganic Chemistry/Reaction Mechanism
 3. Dr S.K. Badmali - Physical Chemistry/Catalysis

Associate Professor

1. Dr. J. Dinda - Inorganic/Organometallic Chemistry
 2. Dr. B.N. Patra - Organic/Polymer Chemistry
 3. Dr. S.N. Pal - Bioinorganic/Organometallic Chemistry

Asst. Professor

1. Dr.(Mrs.) B. Jena - Physical Chemistry/ Nanomaterials
 2. Dr. Ajaya Kumar Behera - Organic / Polymer Chemistry/ Nanotechnology
 3. Dr. Hemanta Kumar Kisan (on lien) - Theoretical Organic Chemistry
 5. Supporting Staff : 06

6. Courses Outline: M.Sc. (Semester system)

M.Sc. Course will cover the following subjects.

Inorganic Chemistry, Organic Chemistry, Physical Chemistry, Spectroscopy, Application of Spectroscopy, Computer for Chemist, Analytical Chemistry, Photochemistry, Bioinorganic Chemistry, Bioorganic & Supramolecular Chemistry, Environmental Chemistry, Organic Synthesis, Organo Transition Metal Chemistry, Polymer Chemistry, Solid State Chemistry. Practical- Organic, Inorganic, Physical, Polymer, Analytical

7. Students facilities: The UGC model curriculum 2001 has been implemented from 2005-2006 academic session.

Contact No. 8093122923

COMMERCE (UGC support for DRS)

- | | | |
|--------------------------|---|--|
| 1. Year of Establishment | : | 1962 |
| 2. Programmes Offered | : | M.Com, M. Phil, Ph.D. |
| 3. Student Strength | : | M.Com.-56. |
| 4. Faculty | | |
| Head of the Department | : | Prof. Prabodha Kumar Hota. |
| Professors | | |
| 1. Dr. P. K. Hota | - | Business Statistics & Security Analysis & Portfolio Management |
| Asst. Professor | | |
| 1. Dr. R.K. Swain | - | Accounting & Finance |
| 5. Supporting Staff | : | 02 |
| 6. Courses Outline | : | M. Com. (Semester System) CBCS |

Semester-I- 1.1 Advanced Accounting, 1.2 Macro Economics, 1.3 Organizational Behavior, 1.4 Corporate Legal Framework, 1.5 Financial Modelling and Valuation, 1.6 Digital Marketing

Semester-II- 2.1 Advanced Cost and Management Accounting, 2.2 Strategic Management, 2.3 International Business and Environment, 2.4 Quantitative Techniques and Operational Research, 2.5 Human Capital Development, 2.6 Research Methodology & Summer Internship Program(SIP).

Semester-III- 3.1 Forensic Accounting and Auditing, 3.2 Business Data Analytics, 3.3 Basix Econometrics, Specialization (Accounting and Finance), 3.4.1 IFRS and Ind AS, 3.4.2 Corporate Tax Planning and GST, 3.4.3 International Finance, Specialization (Marketing and Human Resource management) 3.5.1. Consumer Behaviour, 3.5.2 International Marketing, 3.5.3 Human Resource Planning and Development, Specialization (Banking and IT) 3.6.1 Bank management and FinTech, 3.6.2 Treasury, Investment and Risk Management, 3.6.3 International Banking and Finance.

Semester-IV 4.1 Dynamics of Banking & Insurance, 4.2 Investment Management, 4.3 General Seminar Presentation & Project, Viva and Dissertation, Specialization (Accounting and Finance) 4.5.1 International Accounting, 4.5.2 Corporate Reporting Practices, 4.5.3 Risk Management and Derivative, Specialization (Marketing and HR) 4.6.1 Customer Relationship Management, 4.6.2 Supply Chain Management and logistics, 4.6.3. Human resource Audit and Human Capital Accounting, Specialization (banking and IT) 4.7.1 Data science for Business, 4.7.2 Forex Management, 4.7.3. Banking and Insurance Law.

7. Ph. D.: Research Methodology, Computer Application, Review of Literature Seminar Presentation, Research Ethics.

8. Students' Facilities: Well Equipped Library & Reading Room, Computer Lab. With 30 System and unlimited Internet facility, Weekly Seminar, Industry Tour.

Contact No. 9439168453

COMPUTER SCIENCE AND APPLICATIONS

| | | |
|---------------------------|---|---|
| 1. Year of Establishment | : | 1990 |
| 2. Programmes Offered | : | MCA, M.Sc.(CS), IMCA, Ph.D. |
| 3. Students Strength | : | MCA-40, M.Sc. (CS)- 40, IMCA-60 |
| 4. Head of the Department | : | Dr. Prafulla Kumar Behera, 9437923636 (O) |
| 5. Faculty | | |

Associate Professor

- | | | |
|---------------------------|---|---|
| a) Dr. Prafulla K. Behera | - | Mobile Ad Hoc Networks, Wireless Sensor Network, Distributed System, Mobile Computing, Network and Information Security, Software Engineering |
| b) Dr. Mrutyunjaya Panda | - | Data Mining, Soft Computing, Image processing, Big data analytics, NLP, Sensor Network, Mobile Communication, IoT, Social networking |

Asst. Professor

- | | | |
|--------------------------|---|---|
| a) Mr. Haraprasad Naik | - | Artificial Intelligence, Database Designing, Patterns recognition. |
| b) Mr. Biswojit Nayak | - | Cryptography and Network Security, Intrusion Detection System, IoT, Machine Learning. |
| c) Dr. Nibedita Adhikari | - | Advanced Architecture, parallel Computing, Big Data, Machine Learning |
| d) Dr. Lalatendu Muduli | - | Wireless Sensor Network, Internet-of- Things, Artificial Intelligence |

| | | |
|------------------------|---|---|
| 6. Office Staff | : | 02 |
| 7. Course offered | : | MCA |
| a) Duration | : | Two Years (Four Semester) |
| b) Eligibility | : | BCA/Bachelor Degree in Computer Science Engineering or equivalent Degree or passed B.Sc./B.Com./B.A. with Mathematics at 10+2 level or at Graduation level with at least 50% marks in aggregate (45% for SC/ST candidates) in the qualifying examination. |
| c) Selection Procedure | : | Common PG Entrance Test (CPET). |
| d) Course Fees | : | Rs. 25,000/- per year |

Subjects Covered:.

The MCA Course will cover the following subjects :

Semester-I: 1.1 Mathematical Foundations of Computer Science, 1.2 Data and File Structures, 1.3 Computer System Architecture, 1.4 Theory of Computation, 1.5 Computer Network, 1.6 Data and File Structures Lab, 1.7 Computer Network Lab.

Semester-II: 2.1 Data Base Systems, 2.2. Algorithms Design and Analysis, 2.3. Operating Systems, 2.4 Artificial Intelligence, 2.5 Cryptography and Network Security, 2.6 Data Base Systems Lab, 2.7 Operating Systems Lab.

Semester-III: 3.1 Java Programming, 3.2 Compiler Design, 3.3 Data Warehousing and Data Mining, 3.4 Software Engineering, 3.5 Elective-1, 3.6 Java Programming Lab, 3.7 Software Engineering Lab

Semester-IV: 4.1 Elective-2, 4.2 Elective-3, 4.3 Elective-4, 4.4 Project Work/ Dissertation.

List of Elective Papers :

3.5 Elective-I. 1. Computer Graphics & Animation, 2 Distributed System, 3. Wireless Sensor Networks, 4 Machine Learning, 5. Combinatorics and Graph Theory

4.1 Elective-II : 1. Intrusion Detection System, 2 Mobile Computing, 3 Unix Internals, 4. Optimization Techniques, 5. Human Computer Interaction

4.2 Elective-III :1. Block Chain Technology, 2. Cloud Computing, 3. Simulation and Modeling, 4. Data Science using Python, 5. Bioinformatics

4.3 Elective –IV : 1. Internet of Things, 2 . Text Analysis, 3. Digital Image Processing, 4. Network Programming, 5. Web Design, 6. Internet of Things

Students' facilities: Well Equipped Computer laboratory with 80 Number of core i7 Computers, 2 Nos. of IBM Server with internet facility, Departmental Library with more than 4000 latest edition books.

ENGLISH (UGC Support for DRS)

- | | | |
|------------------------------|---|---|
| 1. Year of Establishment | : | 1969 |
| 2. Programmes Offered | : | M.A., Ph.D. |
| 3. Student Strength | : | M.A.-40 |
| 4. Faculty | | |
| Head of the Department | : | Dr. Tanutrushna Panigrahi |
| Professors | | |
| a) Dr. Asim Ranjan Parhi | - | Linguistics & ELE, Translation Studies, Children's Literature |
| Associate Professor | | |
| a) Dr. Nirjharini Tripathy | - | Postcolonial Literature, Translation, Feminism and Indian Writing in English |
| b) Dr. Tanutrushna Panigrahi | - | American and English Novel, World Literature. 19 th Century Indian Novel, English Language Studies, Sanskritist Studies and Life Writing |
| Asst. Professor | | |
| a) Mr. Pulastya Jani | - | Indian Writing in English, Professional Writing, Dalit Literature |
| b) Dr. S. Deepika | - | American Literature, Postcolonial Studies, Life Writing, Popular Literature |
| 5. Supporting Staff | : | 02 |

6. Courses Outline: M.A. CBCS (Semester)

The Course will cover the following subjects in general.

Core Electives: American Literature, Professional Writing, Indian Writing in English, Translation, World Literature.

Allied Elective: Elements of Language, History of English Literature, Modern English Grammar & Usage, Professional Writing, Social & Political History of England, Contemporary Approaches to Literature, Dalit Literature, Popular Literature and Children's Literature.

Free Elective: English Pronunciation & Fluency, History of the Book, Life Studies, Travel Narrative

7. Students' Facilities : Smart Class Room, Department Library, Audiovisual facilities.

Best Practices: Department Newsletter, Reading Group and English studies outreaches

Contact No. 9937022798

GEOGRAPHY

1. Year of Establishment : 1970
 2. Programmes Offered : M.A./M.Sc., Ph.D.,
 3. Student Strength : M.A./M.Sc.-24, Ph.D-10,
 4. Faculty (Science)
 Head of the Department : Professor. Kabir Mohan Sethy
Professor

1. Dr. Krishna Chandra Rath - Urban and Regional Planning, Environmental Management, Disaster Management, Social Research Method, Climate Change
 2. Dr. Kabir Mohan Sethy - Urban and Regional Planning, Environmental Studies, Climate Change, Economics Geography, Remote Sensing and G.I.S

Associate Professor

1. Dr. Damodar Panda - Geomorphology, Agriculture Geography, Medical Geography, Remote Sensing and GIS, Urban Geography

Asst. Professor

1. Dr. Asis Chandra Pathy (Stage-II)- Remote Sensing and GIS, Fluvial Geomorphology, Urban and Environmental planning, Water Resources Management, Disaster Management & Climate Change.
 2. Dr. Rumana Khatun (Stage-I) - Natural Hazards & Disaster Management, Human & Settlement Geography, Cartography, Geography of India, Urban & Regional Planning

5. Supporting Staff : 05
 6. Courses Outline : M.A., M.Sc. (Semester Pattern), Ph.D Course work
 The Course will cover the following Papers.

M.A., M.Sc. Course

1st Semester – Geographical Thought, Geomorphology, Economic Geography, Geography of India, Quantitative & Statistical Techniques

2nd Semester- Climatology, Human and Settlement Geography, Environmental Geography, Regional Geography of Odisha, Cartography.

3rd Semester- Quantitative & Spatial Models Theory, Oceanography, Basics of Remote Sensing & GIS, Research Methodology, Natural Hazards & Disaster Management.

4th Semester-

Special Paper-

- (A) Urban and Regional Planning: Urban Planning, Regional Planning, Rural Development Planning, Urban and Regional Planning Practical, Dissertation.
 (B) Remote Sensing & GIS: Cartography, Remote Sensing and Its Application, Geographical Information System and Application, Aerial Photography Remote Sensing GPS & GIS Practical, Dissertation.

P.h. D Coursework : Research Methodology, I.T. in Geography, Review of Literature, seminar Presentation.

7. Students' Facility : (a) Smart Class Room, (b) Seminar Hall, (c) Seminar Library, (d) Research Scholar room (e) Wifi / Internet facility, (f) Remote Sensing & GIS lab (g) Cartographic Laboratory, (h) Girls Common Room (i) Study tour & Internship etc.

Contact No. 9438731131/ 9861879269(M)

GEOLOGY (UGC Support for DRS & DST Support for FIST)

1. Year of Establishment : 1954
2. Programmes Offered : M.Sc.(Applied Geology) and Ph.D.
3. Student Strength : M.Sc.-28, Ph.D- As per vacancy
4. Faculty
- Head of the Department : Professor. Shreerup Goswami
- Professor
1. Dr. D.S. Pattnaik - Coal Geology, Hydrogeology, Remote Sensing
2. Dr. S. Goswami - Palaeontology, Stratigraphy
3. Dr. (Mrs.) N. Mahanta - Hydrogeology
- Associate Professor
1. Dr. D. Beura - Economic Geology, Environmental Geology
- Asst. Professor
1. Dr. K.R. Mallick - Micropaleontology, Paleoceanography
2. Dr. S.S. Sahoo - Palaeoseismology, Remote Sensing
3. Dr. A Divyadarshini - Tectonic Geomorphology, Active Tectonics, Quaternary Landforms & Processes
4. Dr. S. Nayak - Remote Sensing & GIS, Hydrogeology, Mineral Exploration.
5. Supporting Staff : 03

The course will cover the following subjects in general.

Crystallography, Optical Mineralogy, Mineralogy and Geochemistry, Economic Geology, Structural Geology, Geotectonics, Metamorphic Petrology, Igneous Petrology, Sedimentary Petrology, Geomorphology, Groundwater, Engineering Geology, Remote sensing, Quaternary Geology, Stratigraphy, Paleontology, Marine Geology, Environmental Geology, Disaster Management, Computer Application and Geostatistic

Special Papers :

A. Ore Geology, B. Applied Hydrogeology and Water Management, C. Fuel Geology and Sedimentary Petrology, D. Remote Sensing and GIS

(Note: Practical in each Semester)

7. Students' Facility :

(a) Library, (b) Field Survey Training, (c) Study tour, (d) Audio Visual Facilities, (e) Computer and internet, (f) Laboratories for students: Petrological Laboratory, Ore Microscopy Laboratory, Chemical Laboratory, Sedimentology, Groundwater and Engineering Laboratory, Remote sensing Laboratory and Museum,

Award for students: (1).S.Acharya Felicitation award for securing highest mark in 1st Semester examination.(2) K.N.Sahu Memorial award for securing 1st position amongst 1st class in M.Sc. examination (3) Sangram Maharana memorial award for the best all rounder student in M.Sc.

Contact No. 9437295624

HISTORY (UGC support for DSA)

1. Year of Establishment : 1959
2. Programmes Offered : M.A., Ph.D.
3. Student Strength : M.A.-64
4. Head of the Department : Prof. (Mrs.) Jayanti Dora

5. Faculty

Professor

1. Dr.(Mrs.) Jayanti Dora - Ancient Indian History, History & Culture of Odisha, World History, Art History & Gender study

Asst. Professors

1. Dr. Ajit Kumar Sahoo - Modern Indian History, Social History
2. Mr. Ramesh Chandra Mahanta - Modern Indian History, International Affair

6. Supporting Staff : 03

7. Courses Outline : M.A. (CBCS Semester System)

The Course will cover the following subjects in general:-

C.1.Ancient Civilizations, C.2.World History (1500-1900), C.3.Twentieth Century World (1900-1945)-I, C.4.Twentieth Century World (1945-2000 AD)-II, C.5.Historical Theories and Methods, C.6.Medieval Societies, C.7.Cultural Heritage of India, C.8.History of China & Japan, C/AE/FE-9.Indian Historiography, C/AE/FE.10.History of Science and Technology in India, C/AE/FE.11.Cultural Heritage of Odisha, C/AE/FE.12.Social Emancipation Movements in India/History of Peasant and Labour Movement in India, CE/FE-13. Group A/B/C/D Special Paper-A Political and Administrative History of India (Early Times to 1200 AD)-II.B. Political and Cultural History of India (1206-1526 AD)-I.C. Constitutional History of India (1757-1947 AD), D. History of Odisha (Early Times to 1118 AD), CE-14. Group A/B/C/D Special paper A. Political and Administrative History of India (Early Times to 1200 AD)-II, B. Political and Cultural History of India (1200-1526 AD)-II, C. Nationalist Movement in India, D. History of Odisha, (1118-1500 AD), CE-15 Group A/B/C/D Special paper A. Socio-Economic History of India (Early Times to 1200 AD), B. Political and Administrative History of India (1526-1750 AD)-I,C. Economic History of India (1757-1947 AD), D. History of Odisha (15th -16th AD), CE-16. Application of History in Tourism, C-17. Environmental History of India/History of Women in India, C-18. Group A/B/C./D Special paper A. History of India: Religion, Literature, Art and Architecture (Early Times to 1200 AD)-I, B. Social and Cultural History of India (1206-1707 AD), C. Socio-Cultural History of India (1757-1947 AD), D. Odisha in the 16th 19th Century, CE-19 Group A/B/C/D Special paper A. History of India: Religion, Literature, Art and Architecture (Early Times to 1200 AD)-II, B. Economic and Urban History of Medieval India (1206-1707 AD), C. India Since Independence (1947-2000 AD), D. History of Odisha (1866-1936 AD), CE-20- Project (Dissertation).

8. Students' Facilities : Seminar Library with Computers , Smart Classroom-I and well furnished Classrooms.

9. Inter-Departmental Course offered (A) C/AE/FE-II: Cultural Heritage of Odisha, (B) C/AE/FE-12 . Social Emancipation Movements in India.

Contact No. 7008094243

LAW: LL.M.

- | | | |
|-------------------------------|---|------------------------|
| 1. Year of Establishment | : | 1973 |
| 2. Programmes Offered | : | LL.M., Ph.D. |
| 3. Student Strength | : | LL.M.-30 |
| 4. Faculty | | |
| Head of the Department | : | Dr. Manoj Kumar Sadual |
| Professor | | |
| Prof. (Dr.) S.K. Nanda | - | Business Law |
| Associate Professor | | |
| Dr. M.K. Sadual | - | Business Law |
| Asst. Professor | | |
| Dr. G.K. Sahu | - | Business Law |
| Mr. Prabhash Dalei | - | Business Law |
| 5. Supporting Staff | : | 02 |

6. Courses Outline: LL.M. : From the Academic session 2013-14, the CBSC has been implemented and the syllabus has been fully revised from the Academic session 2022-23, the Course covers the following subjects:

Semester-I

Law & Social Transformation in India, New Dimensions in Indian Constitutional Law, Legal Education System in India, Seminar Presentation.

Semester-II- Judicial Process, Research Methodology, Human Rights and Law, Field Study.

Semester-III & IV (Specialisation Subjects)

Business Law (Group-1), Criminal Law (Group-2), Constitution and Legal Order (Group-3) are offered in 3rd and 4th Semester; Free Elective subjects, Allied Elective Subjects, Audit Course are part of the curriculum.

7. Students' Facilities : Smart Classroom, Conference Hall, Library Reading Room,. Research Facilities, Internet Access, Computer Lab & Audio- Visual facility.

LIBRARY AND INFORMATION SCIENCE

| | | |
|--------------------------|---|-----------------------------|
| 1. Year of Establishment | : | 1981 |
| 2. Programmes Offered | : | M.Lib. & Inf.Sc., Ph.D. |
| 3. Student Strength | : | M.Lib. & Inf.Sc. (24) |
| 4. Faculty | | |
| Head of the Department | : | Chairman, P.G. Council |
| Coordinator | : | Dr. Rudra Narayan Mohapatra |
| Guest Faculty | : | 02 |
| 5. Supporting Staff | : | 02 |

6. Courses Outline: P.G.

1st Semester: Library & Information Society, Management Of Library & Information Centers, Knowledge Organization Theory, Knowledge Organization Practical, Seminar Presentation (Intellectual Property Right & Society), English Communication Skills

2nd Semester: Information Sources And Services, Knowledge Management- And Information Literacy, Bibliographic Description (Cataloguing), Bibliographic Description Practical (Cataloguing), Seminar Presentation (E-Learning & Content Management System), English Communication Skills

3rd Semester: Information Storage And Retrieval, Computer Applications Theory, Digital Libraries, Computer Applications Practical (Mid Sem 30 + Practical 50 + Viva20), Seminar Presentation (Open Access & Scholarly Communication), English Communication Skills

4th Semester : Preservation & Conservation Of Library Materials, Research Methodology & Statistical Techniques, Information Communication Technology Project Report/Field Study, Seminar Presentation (Advancement In The Field Of Library & Information Science), English Communication Skills

7. Students' Facilities: Computer Lab., Internet Access, Seminar Library, Weekly Seminar, News paper & Magazines.

Contact No. 7377642037

MATHEMATICS

1. Year of Establishment :1966
 2. Programmes Offered : M.A./M.Sc., Ph.D.
 3. Student Strength : M.A./M.Sc.-64
 4. Faculty
 Head of the Department : Chairman, P.G. Council
 Coordinator : Dr. Anasuya Nath
 Asst. Professor
 Dr. A. Nath : Real Analysis, Functional Analysis

5. Supporting Staff : 01
 6. Course Outline : M.A./M.Sc. (Semester System)

7. The Course will cover the following subjects in general.

Real Analysis, Complex Analysis, Topology, Advanced Abstract Algebra, Data Processing & Numerical Computing Lab.(Practical), Functional Analysis, Differential Equations, Linear Algebra, Numerical Optimization, Database & C++ Lab. (Practical), Numerical Analysis-I & II, Number Theory & Cryptography-I & II, Statistical Methods, Discrete Mathematics, Differential Geometry, Computational Fluid Dynamics-I & II, Advanced Analysis, Project Work.

8. Students' Facilities: Departmental/Seminar Library, Computer Laboratory, Internet Facilities.
 Contact No. 9437094125

Odia

| | | |
|----------------------------------|---|--|
| 1. Year of Establishment | : | 1969 |
| 2. Programmes Offered | : | M.A. & Ph.D. |
| 3. Student Strength | : | M.A.- 64 |
| 4. Coordinator of the Department | : | Dr. Ramesh Chandra Malik |
| 5. Faculty | | |
| Asst. Professors (Stage –II) | | |
| a) Dr. Ramesh Chandra Malik | - | General Linguistics, Medieval Odia Literature, Translation Studies ,and Literary Criticism |
| b) Dr. Rudra Narayan Mohapatra | - | Modern Literature, Computational Linguistics, and Folklore Studies |
| Asst. Professor | | |
| a) Mr. Anpa Marandi | - | Drama, Tribal Literature and Editing |
| 6. Supporting Staff | : | 01 |
| 7. Course Offered | : | M.A. and Ph.D. |

The Course will cover the following subjects in general.

| | |
|--------------------------|--|
| Semester-I | Puran & Ancient Poetry, Odia Modern Poetry, Odia Fiction, Odia Prose |
| Semester-II | Linguistics, History of Odia Literature, Odia Drama, Comparative Literature, Criticism, Translation, |
| Semester-III | Linguistics – 1, Linguistics – 2, Stage & Dramaturgy, Drama & Dramatist, Modern Odia Poetry, Modern Odia Prose , Religious Trends in Odisha, Vaishnavism in Odisha, Shree Jagannath Cult, Shree Jagannath Literature |
| Semester-IV | Folk Literature, Research Methodology, Dissertation, Editing & Textual Criticism |
| 8. Students' Facilities: | (a) Seminar Library Facility, (b) Computer Facility. (c) NET-JRF- Teaching and Training |

Contact No.- 9438251224/ 9237344680

PERSONNEL MANAGEMENT & INDUSTRIAL RELATIONS

- | | | |
|--|---|--------------------------------|
| 1. Year of Establishment | : | 1970 |
| 2. Programmes Offered | : | M.P.M.I.R., Ph.D. |
| 3. Student Strength | : | M.P.M.I.R.-32, Ph.D |
| 4. Faculty | : | |
| Head of the Department | : | Dr. Madhuchhanda Mohanty |
| Readers | : | |
| a) Dr. B.K. Sundaray | - | Labour Law & Social work |
| b) Dr.(Mrs.) M. Mohanty | - | Participative Management & HRD |
| Asst. Professors | : | |
| a) Dr. S. Murmu | - | Human Resource Management & IR |
| b) Mr. Kartik Chandra Das | - | HRD Unorganized Labour |
| c) Mrs. L. Pattnaik | - | HRM &OB |
| 5. Supporting Staff | : | 01 |
| 6. A professional course to prepare future Human Resource Professionals under CBCS pattern offered in 4 Semesters. | | |

7. Subject Covered:

(a) M.P.M.I.R. (P.G):

Principles and Practices of Management, Industrial Relations, Human Resource Management, Labour Legislations and Case Laws, Social Research and Statistics, General, Labour and Industrial Economics, Organizational Behaviour, Industrial Psychology, Performance Management, Learning and Development, Social Security and Unorganized sector, Human Resource Development, Productivity Management and TQM, Organization Change and Development, Financial and Marketing Management, MIS, HRIS and HR Analytics, Corporate Social Responsibility, Compensation Management, Strategic HRM, International HRM, Labour Administration, Talent and Knowledge Management, Ethics and Management.

Electives: Group-A: Human Resource Planning & Development, Group-B: Comparative, Employee Relations and Trade Unionism, Audit Courses: Communicative English, Environmental Law.

Industrial Training:

Summer Internship: 2nd Semester students undergo summer training for 8 weeks at different Corporates /business Units.

Dissertation (on emerging issues in relation to above subjects):

4th Semester students prepare dissertations collecting data from any business organization and present Project Report.

4th Semester students appear at comprehensive viva-voce and make Group Presentation on any topic at the end of semester.

(b) Ph.D. :

Research Methodology and Statistics, Computer Application in Research, Research and Publication Ethics, Synopsis & Presentation.

9. **National/International Seminars** are held every year as a part industry-academy interface.

10. **Students Facilities** : Seminar Library with more than 3400 books and 8 journals, Student's Reading Room with more than 400 books, Computer Laboratory with Internet facility and E-subscribed journal, Regular Study Tours, Field Studies, Classrooms with Audio-visual facilities, Regular students interaction with executives and academicians etc.

11. The Department has nearly cent percent placement record till date.

Contact No: 9437309410 (M)/ 8763734727(M)

PHILOSOPHY (UGC support for Center of Advance Studies)

1. Year of Establishment : 1957
2. Programmes Offered : M.A. and Ph.D.
3. Student Strength : M.A.-64,
Head of the Department : Dr. Saroj Kanta Kar
4. Faculty
 - Associate Professor
 - a) Dr. Saroj Kanta Kar - Indian Philosophy, Moral Philosophy, Indian Logic, Applied Philosophy.
 - b) Dr. Nanidini Mishra - Applied Ethics, Indian Philosophy, Western Philosophy.
 - Asst Professor
 - a) Dr. Sudhakar Jally - Indian Philosophy, Comparative Religion, Political Philosophy
 - b) Dr. Manoranjan Mallick - Western Analytic Philosophy, Philosophy of Wittgenstein
 - c) Dr. Pragyanparamita Mohapatra - Philosophy of Language, Analytic Philosophy of Philosophy of Mind
 - d) Dr. Kabita Das - Ethics & Applied ethics, Political Philosophy, Philosophy of Education
5. Supporting Staff : Sanctioned 04 (Now: 1+1 Part time) (Library-0)
6. Course Outline: M.A. (Choice Based Credit System & (Semester)
 - Semester-I - Indian Epistemology, Indian Metaphysics, Indian Ethics, Post-Kantian & Contemporary Philosophy, Symbolic Logic.
 - Semester-II - Western Epistemology, Western Metaphysics, Western Ethics, Linguistic & Conceptual Analysis, Comparative Religion.
 - Semester-III - Applied Ethics, Philosophy of Vedanta, Contemporary Indian Philosophy, Political Philosophy, Philosophy of Wittgenstein.
 - Semester-IV - Major Trends in Odishan Philosophy, Critical Thinking (Free Electives), Philosophy of Cognition, Philosophy of the Upanisads: Textual Study of the Keno Upanishad and the Katha Upanishad with the Commentary of Shankaracarya, Philosophy of Social Sciences, Dissertation.
- Ph.D- Research Methodology, Literature Review, Computer Application, Indian Renaissance, Thinkers: Philosophical perspectives.
7. Students' Facilities: Seminar Library, Internet and Reading Room.
8. Email ID: philosophy@utkaluniversity.ac.in

PHYSICS (DST-FIST and UGC-DRS Sponsored Department)

1. Year of Establishment : 1967
 2. Programmes Offered : M.Sc., Ph.D.
 3. Student Strength : M.Sc.-32
 4. Faculty
 Head of the Department : Dr. Prafulla Kumar Panda
 Associate Professor
 Dr. Prafulla Kumar Panda - Nuclear and Particle Physics
 Readers
 Dr. Shesansu Sekhar Pal - High Energy Physics
 Asst. Professors
 1. Dr. P.K. Samal - Cosmology (on Lien)
 2. Dr. Jagadish Kumar - Condensed Matter Physics, non-equilibrium
 statistical mechanics
 3. Mr. Bhagaban Kisan - Experimental Condensed Matter Physics
 5. Supporting Staff : 05 (1 Type Supd. + 1 Lab. Attendant + 1
 Mechanic + 1 Peon + 1 Sweeper)

6. Course Outline : The Course will cover the following subjects in general.

M.Sc.

Classical Mechanics, Mathematical Methods in Physics, Quantum Mechanics-I,II, Statistical Mechanics, Electronics, Advanced Quantum Mechanics, Basic Condensed Matter Physics, Basic Nuclear & Particle Physics, Classical Electrodynamics.

Elective Papers : Advanced Particle Physics and Field Theory-I,II, Advanced Condensed Matter Physics-I,II.

Ph.D. Course work : Advanced Particle Physics/Advanced Condensed Matter Physics, Experiments in Nuclear and Particle Physics & Condensed Matter Physics, IT and Research Methodology, Seminar Presentation and Viva.

7. Students' Facilities : (a) Seminar Library (b) Computer (c) Xerox (d) Advanced Research Laboratories (e) Laboratories facilities (f) Internet (g) LCD Projector (h) e-journal, (i) Study Tour

8. Students' have joined in Ph.D. Programme at IITs and Universities, DAE & DST Institute, NISER, Institute of Physics, Bhubaneswar, IGCAR Kalpakkam, BARC, TIFR etc.

POLITICAL SCIENCE (UGC Sponsored DRS)

1. Year of Establishment : 1958
2. Programmes Offered : M.A., Ph.D.
3. Student Strength : M.A.-64,
4. Head of the Department : Dr. (Mrs.) Smita Nayak
5. Faculty
 - Associate Professor
 1. Dr.(Smt.) Smita Nayak - Public Administration, Political Thought, Research Methodology, State and Local Administration in India with special reference to Odisha, Indian Government & Politics
 - Asst. Professor-III
 2. Dr. Seema Mallik - Political Theory, India's Foreign Policy, Political Thought, Indian Government & Politics, Governance and Public Policy in India
 - Asst. Professor-II
 - 5 Dr. Swapna S. Prabhu - International Relations, India's Foreign Policy Indian Government & Politics, Political Thought, Governance and Public Policy in India
6. Supporting Staff : 03
7. Courses Outline : M.A.

The Course will cover the following subjects.

Semester-I- PSC-C101- Comparative Politics: Concepts & Models, PSC-C102- Public Administration: Principles & Approaches, PSC-C103- International Relations: Concepts & Theories, PSC-C104- Contemporary Political Theory, PSC-C105-Indian Government and Politics-I.

Semester-II- PSC-C201- Comparative Political Process, PSC-C202- Public Administration and Management, PSC-C203- Global Politics: Contemporary Issues and Challenges, PSC-C204-Contemporary Debates in Political Theory, PSC-C205- Indian Government and Politics-II

Semester- III- PSC-C301- Political Thought-I, PSC-C302- Research Methodology and Statistical Methods, PSC-C303- India's Foreign Policy, PSC-C304 (A) Core Elective Course- Working of Democracy in India, PSC-C305 (B) Core Elective- Political Sociology: Issues and Concepts/Gender Politics/ Social and Political Movements in India.

Semester-IV- PSC-C401- Political Thought-II, PSC-C402- Indian Political Ideas, PSC-C403- State and Local Administration in India: With Special Reference to Odisha/ Human Rights: Meaning and Concepts/Global Political Economy, PSC-C404- Governance and Public Policy in India, PSC-C405- Dissertation.

Optional Papers- Optional-I- Gender and Politics, Optional-II- Human Rights: Ideas and Concepts, Optional-III- Social and Political Movements in India, Optional-IV- Global Political Economy.

8. Students' Facilities : Departmental Seminar, reading Library, Study Tour.

PSYCHOLOGY

1. Year of Establishment : 1958
 2. Programmes Offered : M.A., Ph.D.
 3. Student Strength : M.A.-48
 Head of the Department : Professor. Bhaswati Patnaik

4. Faculty

Professors

1. Dr. Bhaswati Patnaik - Social & Organizational Psychology

Asst. Professors

1. Mrs. Lucy Sonali Hembram - Social Psychology & Organizational Behaviour
 2. Mrs. Mousumi Sethy - Social Psychology & Organizational Behaviour
 3. Mrs. Sunanda Pattnaik - Counselling & Organizational Psychology

5. Supporting Staff : 01
 6. Courses Offered : M.A. (CBCS System) & Ph.D

Semester-I

Advanced General Psychology-I, Advanced General Psychology-II, Life Span Developmental Psychology, Social Psychology, Statistics & SPSS, Psychological testing & Computer Application.

Semester-II

Research Methodology, Educational Psychology, Clinical Psychology, Organizational Psychology Psychological (Ability) Testing & Seminar Presentation.

Semester-III

Special Paper-I (Counselling/HRP), Special Paper-II I (Counselling/HRP), Elective-I Psychology: Issues and Application, Elective-II Applied Psychology, Film Appreciation, Psychological (Personality) Testing and Field visit.

Semester-IV

Internship, Thesis/Term Paper, Observation & Seminar Presentation.

Ph.D. Course Work: Advanced Research Methodology and Statistics, Positive Psychology, Research Proposal Presentation, Book Review.

7. Students' Facilities: Departmental Seminar Library, Reading room, Testing Library, Study tour/Excursion, Audio-visual facilities, Computer and Internet facilities, EEG & Bio-feedback lab., Support for students with Disabilities, Counselling Centre, Early Childhood Lab, Girls Common Room.

Contact No. 9437039375

PUBLIC ADMINISTRATION

1. Year of Establishment : 1996
2. Programmes Offered : M.A., Ph.D.
3. Student Strength : M.A.-32
4. Faculty
- Head of the Department : Dr. Pratima Sarangi
- Professor**
- Prof. Padmalaya Mahapatra - Modern Administrative Thought
- Associate Professor**
- Dr. Pratima Sarangi - Organisational Behaviour and Management Process, Human Resource Management, Administrative Theory
- Assistant Professor**
- Dr. Jyotirmayee Tudu - Recent Trends in Administrative Theory, Comparative Public Administration, Welfare Administration, Administrative Theory
- Dr. Hemanta Kumar Dash - Modern Administrative Thought, Research methodology (Masters Paper), Research Methodology
- Guest Faculty**
- Baisnabi Mishra - Rural Local Governance
5. Supporting Staff : 02
6. Courses Outline : Choice Based Credit System

Administrative Theory, Administrative Thinkers, Indian Administration, Rural Local Governance, State, Society and Public Administration, Comparative Public Administration and Urban Local Governance OB & Management Process, Development Administration, Public Personnel Administration, Public Policy Governance, Welfare Administration, Research Methodology, Human Resource Development, Dissertation, Presentation & Viva.

Elective Course: Public Policy, Financial Administration, Development Administration.

Audit Course: Public Policy, India Administration, Financial Administration, Welfare Administration, International Administration.

7. Students Facilities:

Departmental Seminar, Reading Library, Telephone, Computer and Internet, Special coaching for NET Examination, Skill Development Classes.

Contact No. 9438541777

SANSKRIT

| | | |
|----------------------------|---|---|
| 1. Year of Establishment | : | 1957 |
| 2. Programmes Offered | : | M.A., Ph.D. |
| 3. Student Strength | : | M.A.-64 |
| 4. Faculty | | |
| Head of the Department | : | Dr. Manoranjan Senapaty Associate Professor |
| Associate Professor | | |
| Dr. Manoranjan Senapaty | - | Grammar & Philosophy |
| Dr. Braja Sundar Mishra | - | Grammar and Classical Literature with Poetics |
| Assistant Professor | | |
| Dr. Niranjan Sabar | - | Classical Sanskrit Literature & Manuscriptology |
| Dr. Dharmendra Das | - | Grammar & Linguistics |
| Guest Faculty | | |
| Dr. Sushant Pradhan | - | Classical Literature |
| Dr. Manaswini Sarangi | - | Vedic Literature |
| 5. Supporting Staff | : | 02 |
| 6. Course Outline | : | M.A. (CBCS, Semester System), Ph.D |

The Course will cover the following subjects in general.

Under M.A. CBCS pattern, there shall be four Semesters having 20 papers, each having 04 credits, thus 80 credits in total 2000 marks. Hard Core papers-12, Core Elective papers-06 including a Dissertation or Term papers in 5 Groups- Group-A-Veda, Group-B-Sahitya, Group-C-Vyakarana, Group-D- Philosophy and Group-E-Epics and Puranas, 01 free Elective and 01 Allied Elective. The Course will cover the following subjects -Vedic Language and Literature, Paninian System of Grammar, Linguistics, Systems of Indian Philosophy, Sanskrit Prose, Poetics and Dramaturgy, Epic and Classical Sanskrit Literature, Technical Literature, Ancient Indian History, Culture and Epigraphy, Manuscriptology and Research Methodology, Environmental Study, Communicative Skill

7. Students' Facilities: Special Training in Spoken Sanskrit and UGC Net Coaching, Study Tour/Field Studies, Weekly Students' Seminar, Department Library, Sports.

Contact No. 7787801183

SOCIOLOGY

| | | |
|-------------------------------|---|--|
| 1. Year of Establishment | : | 1974 |
| 2. Programmes Offered | : | M.A., Ph.D. in Sociology |
| 3. Student Strength | : | M.A.- 48, Ph.D- As per vacancy position. |
| 4. No. of Present Faculty | : | 06 |
| Head of the Department | : | Dr. Rabindra Garada |
| 1. Professor | | |
| Dr. Navaneeta Rath | - | Gender Studies |
| 2. Associate Professor | | |
| Dr. Rabindra Garada | - | Development and Displacement Studies & Urban Sociology |
| 3. Assistant Professor | | |
| Dr. Tanaya Mohanty | - | Sociology of Media & Popular Culture |
| Mrs. Sasmita Soren | - | Voluntary Sector Studies |
| Dr. Papesh Kumar Lenka | - | Agrarian Sociology |
| Dr. Dinabandhu Sahoo | - | Sociology of Movements |
| 5. Supporting Staff | : | 02 |
| 6. Course System | : | M.A. and Ph.D. |

The course will cover the following core papers.

Semester-I- Sociological Concepts, Perspectives on Indian Society, Research Methods, Classical Sociological Tradition.

Semester-II- Sociology of Tribes, Globalization and Society, Sociology of Change & Development, Advanced Sociological Theories.

Semester-III- Voluntary Sector Studies, Sociology of Health and Gerontology, Urban Sociology, Applied Research Methodology, Sociology of Gender.

Semester-IV- Sociology of Environment and Climate Change, Introduction to Sociology of Media & popular Culture, Rural Sociology, Sociology of Development Induced Displacement and Rehabilitation & Resettlement, Project work.

7. Students' Facilities:

- A seminar library & an updated reference library for researchers.
- An advance reference section for researchers.
- Mandatory community linkage programmes with extension activities
- Internship
- Skill enhancement class
- Value added Course

Contact No. 9003325756

STATISTICS

- | | | |
|-----------------------------|---|---|
| 1. Year of Establishment | : | 1958 |
| 2. Programmes Offered | : | M.A., M.Sc., Ph.D., M.Tech. (IT) |
| 3. Student Strength | : | M.A./M.Sc.-32 |
| Head of the Department | : | Professor. Priya Ranjan Dash |
| 4. Faculty | | |
| Professors | | |
| Dr. Priya Ranjan Dash | - | Survey Sampling Methods/ Stochastic Process |
| Asst. Professors | | |
| 1. Dr. Prafulla Kumar Swain | - | Biostatistics and Survival Analysis |
| 2. Rakesh Behera | - | Demography/ Survey Sampling Methods |
| 5. Supporting Staff | : | 0 |
| 6. Course Outline | : | M.A./M.Sc, Ph.D. |

The Course will cover the following subjects:

Semester-I

Mathematical analysis & Linear algebra, Statistical Methods, Probability theory, Statistical Inference, Design and Analysis of experiments, Survey Sampling Methods, Operations Research, Statistical Decision theory, Linear Models and Regression Analysis, Demography, Econometrics etc.

Special Papers:

Sample Survey Methods, Econometrics, Demography, Design and Analysis of Experiments.

7. Students' Facilities: Well-equipped Class rooms, Departmental Seminar, Seminar Library, Reading Library and Computer Laboratory.

Contact No. 9438206307

ZOOLOGY (UGC support for DRS & DST support for FIST & PURSE)

1. Year of Establishment : 1960
2. Programmes Offered : M.Sc., Ph.D.
3. Students strength : M.Sc. – 32
4. Faculty :
 - Head of the Department : Dr Gunanidhi Sahoo
 - Associate Professor
 - Dr Gunanidhi Sahoo - Cytogenetics
 - Asst. Professor
 - Dr Sudhansu Sekhar Nishank - Human Genetics
5. Supporting Staff : 03
6. **Courses Outline** : Vertebrates, Invertebrates, Cytogenetics, Endocrinology, Reproductive Physiology, Microbiology, Ethology, Molecular Biology and Biotechnology, Biochemistry, Immunology, Economic Zoology, Aquaculture & Wildlife, Developmental Biology, Evolutionary Biology, Environmental Biology, Biostatistics and Biosystematics, Paleozoology, Conservation Biology and Biodiversity.
Special Paper: 'Molecular Biology', 'Organismic Biology', 'Cell Biology' ' Medical Entomology'
Allied Elective Course: Wildlife and Conservation Biology, Animal Physiology and Developmental Biology
7. **Students' Facilities:** Seminar Library, Museum, ICT enabled Class room
8. **Infrastructure Facilities:** Student Laboratory, Research Laboratory, Computational and Internet facility Equipment such as UV-Visible spectrophotometer, Spectrofluorimeter, Gel Doc. System, Orbit shaker incubator, High speed refrigerated centrifuge, Micro plate (ELISA) Reader, Nanodrop Spectrophotometer, Gel Electrophoresis, Thermal Cycler (PCR), -20°C Deep freezers, Sonicator, Research Microscopes, Microscope with photographic attachment, Microtome, Real Time PCR with Power Back up system, High performance Liquid Chromatography (HPLC) Fluorescence Microscope, Monopan balance and other routine laboratory equipment.

Contact No. 9437281982, 9438328039, 9853535258

4. REGULATIONS FOR ADMISSION INTO P.G. PROGRAMMES

I. Procedure of e-Admission 2023

1. The applications for admission into P.G. programmes of Utkal University are invited from the interested applicants who have passed/ appearing graduation from the universities/ institutions of India or its equivalent.
2. The candidate has to fill up online application form for appearing the Common P.G. Entrance test- 2023(CPET-2023) for Admission into State Public Universities and Colleges with P.G. Courses. Common PG Entrance Test- 2023 (CPET-2023) under project student Academic Management System (SAMS) is given below. Any change in the dateline will be published in the newspapers as well as in the website www.samsodisha.gov.in. Common Prospectus (CP) for CPET-2023 is available in the said websites. Kindly refer the CP before filling up the CAF.

II. RESERVATION-

For all the courses including Self-financed Courses, subject to eligibility and proof of belonging to the categories, reservation of seats will be as follows:

- a) As per the Government of Odisha Notification No.HE-FE-III-Admn.-64/14/11710/HE, dated 01.06.2015, the reservation of seats shall be as follows:
 - i. SC-16.25% of the sanctioned strength of each course shall be reserved for SC applicants (G.O.11710/HE, Dated 01.06.2015).
 - ii. ST-22.5% of the sanctioned strength of each course shall be reserved for ST applicants (G.O.11710/HE, Dated 01.06.2015).
 - iii. The reserved seats are not interchangeable between SC & ST.
 - iv. SC/ST applicants selected for admission on their merit shall not be counted against reserved seats.
 - v. However any modification made by the Government in the reservation policy will be followed.
 - vi. Seats under reserved category will be de-reserved after three rounds of selection from among applicants only if no students of that category are available for sliding up for the course.

In case of non-availability of applicants/ candidates in any of these categories, seats will be filled up from the candidates of the general merit list.

- b) One seat is reserved for the candidates who have represented the country in the International Games and Sports during last three years before the admission year.
- c) One seat is reserved for the children or wife of the Martyrs / Ex-serviceman / in-service personnel of the Indian Armed Force, and in case of non-availability of such students, the seat is to be filled in from the merit list. Certificate to this effect shall be produced from the Rajya / Zilla Sainik Board. **The preference shall be given as in the order.**
- d) 4% of the total number of seats in each department will be reserved for P.H. students having 40% or above disability recommended by the Medical Board at the time of admission. In case of non-availability, the seats will be filled up from the general merit list.
- e) For Kashmiri migrants relaxations will be as follows:
 - (i) Such student can be admitted over and above the sanctioned strength (total number of seats of the department), to the extent of 2 seats.
 - (ii) Such candidates can be given an extension in the date of admission up to 30 days.
 - (iii) Relaxation will be given in cut-off percentage up to 10% subject to minimum eligibility requirement.
 - (iv) Domicile requirements will be waived.
 - (v) Migration in second and subsequent years will be allowed subject to the condition given in e (i) above.
- f) Sports Persons:
 - (i) Those who have represented the state during last three years at National level sports shall get 10% weightage of marks over and above the aggregate career marks.
 - (ii) Those who have represented Utkal University at the Inter University Sports during last three years shall get 5% weightage of marks over and above the aggregate career marks.

Provided that participants in the sports events recognized / organized by Director of Sports/ Sports Council of the Utkal University only will be eligible for the weightage of (i) & (ii) above.

- g) International Students:
Admission into P.G. courses are subject to clearance from Government of India with a student visa and submission of due medical fitness certificate including HIV test and eligibility, which will be considered over and above the sanctioned strength in the P.G. Courses, as per availability of foreign students, NRIs, and Government of India sponsored candidate, after due consideration of such applications by the HOD and Chairman, P.G. Council with prior approval of the Vice- Chancellor. Admissions under these categories may be considered within two months from the last date of admission, if she/he has submitted the application with all documents within due date. A Department can admit maximum of 10% of sanctioned strength, which will be over and above the number of seats available in the Department.
- h) For all the reservation categories and special weightage categories, the applicant must submit certificates from competent authorities, acceptance of which is subject to satisfaction of Head of the Department. In respect of Physically Handicapped, the candidate may be asked to appear before a Medical Board constituted by the Chairman, P.G. Council. The decision of the Medical Board will be final and binding.

III. Documents required at the time of admission

- (i) Original certificates and mark sheets of all examinations
- (ii) Original College Leaving and Conduct Certificate
- (iii) Three Photographs (Stamp size)
- (iv) Original University Registration Receipt (for student of Utkal University).
- (v) Migration Certificate (for students from other Universities).
- (vi) Undertaking Forms duly signed by the candidate and his/her parents.
- (vii) Relieve order (in case of employees) from the competent authority.
- (viii) Income Certificate of father / mother from the competent authority.
- (ix) Certificate for claiming reservation for any category from competent authority.

Note:

1. Duplicate CLC, if submitted, must accompany the necessary self attested format declaring the loss of the original one in the prescribed Proforma available from the Administrative Officer, Central Office, Utkal University.
2. Any misinformation found on verification of the original documents shall lead to cancellation of selection/ admission and will be treated as a cognizable offence.
3. Any student found admitted into/completed more than one P.G course in any institute/University including Utkal University or in service in any Government/ Corporation/ Company/Private sector undertaking etc. or practicing as Advocate at the Bar shall forfeit his/her seat and attract such other penal action as may be considered appropriate by the University. The student has to furnish an undertaking to this effect.
4. In case the applicant for admission is found to have indulged in ragging in the past or if it is noticed later that he/she has indulged in ragging, admission may be refused or he/she shall be expelled from the educational Institution.

IV. Fees Payable for Admission in to P.G Courses *

- i. Tuition fees from June 2020 to May 2021 (12 months).
Women students are exempted from paying tuition fee.
 - a) LL.M (` 15 per month) Rs.180
 - b) P.G. in subjects with practical (Rs.14 per month) Rs.168
 - c) P.G. in all other subjects (Rs.12 per month) Rs.144
- ii. Admission fee for regular students
(Equivalent to one month's tuition fee) as applicable Rs.15 / Rs.14 / Rs.12
- iii. University registration fee Rs.150
(for other University students)
- iv. Recognition fee Rs.10
(for other university students)
- v. Department Development fee (one time) Rs.1000

vi. **Annual fee:**

| | |
|--|-----------------------------------|
| a) Magazine | Rs.40 |
| b) Students' Union fee | Rs.30 |
| c) Dramatic Club | Rs.20 |
| d) Athletic Club | Rs.40 |
| e) Social Service Guild | Rs.15 |
| f) Identity Card fee | Rs.50 |
| g) Medical fee | Rs.10 |
| h) Insurance fee | Rs.380 (inclusive of service tax) |
| i) Student Aid fund | Rs.10 |
| j) Student Welfare fund | Rs.20 |
| k) Library Development fee | Rs.100 |
| l) Sports Council fee | Rs.50 |
| m) Election fee | Rs.20 |
| n) Fee for Development of Computational facilities | Rs.50 |
| o) C. D. C. fee | Rs.10 |
| p) N.S.S. fee | Rs.10 |
| q) NCC fee | Rs.05 |
| r) Multi-gym fee | Rs.10 |

*The above cited fees may change depending upon the decision of University.

Note:

- a) Students pursuing P.G. Courses in Odia shall only pay the fees for insurance, ID card and registration subject to Govt. approval.
- b) All types of fees including application fees, admission/re-admission fees, tuition fees, examination fees, hostel admission fees, laboratory fees, college development fees etc may be exempted coming under Green Passage Scheme.
- The scheme is meant for "A child who is without biological or adoptive parents and the child is residing in Child Care Institution or under foster care or care of a guardian or any fit person whose annual income from all sources does not exceed Rs.1.00 lakh" as defined in Clause (42) of Section 2 of the Juvenile Justice (Care and Protection of Child) Act, 2015,.
 - Instead of Collector/Sub-Collector, the Tahasildar of the locality is designated as the competent authority for issue of the "Certificate to avail benefits under Green Passage as per Resolution No.23836, dated 29.10.2015 and No.19226/HE-FE-1B.POL.130/2016/HE, dated 14.07.2016 of Higher Education Department".
- vii. **Course fees for MBA and MCA:** Rs.25,000/- (Rupees twenty five Thousand) per annum.
- viii. One time course fee of Rs.15,000 (Rupees fifteen thousand only) for **PMIR** students, and Rs.17,000 as first year course fee (for Semester I and II) for **Biotechnology** students.
- ix. **Laboratory development fee** (one time) at the time of admission Rs.1,500 (Rupees one thousand five hundred) for Library and Information Sciences, Psychology, Statistics, Commerce, A&A Economics, Mathematics, PMIR, Geography, MCA and Rs.2,500/- (Rupees two thousand five hundred) for Anthropology, Botany, Chemistry, Physics, Zoology, Geology and Biotechnology. The above fees will be paid at the Department at the time of admission.
- x. This fee structure is not applicable to Foreign Students. Foreign students seeking admission under the University have to pay Rs. 1,20,000/- (Rupees one lakh twenty thousand only). Besides, the candidates will have to pay the following charges on the following :

| Sl. No | Category | Seat Rent | Electricity | Water | Total |
|--------|------------------|---|-----------------------|-----------------------|------------------------|
| 1. | Single Occupancy | Rs. 32,000/- per Annum | Rs. 6,000/- per Annum | Rs. 4,000/- per Annum | Rs. 42,000/- per Annum |
| | MESS | | | | |
| 2. | Mess Charges | As per actual to be decided by concerned Hostel | | | |

V. Student Amenities

Library (Parija Library and Department Library) facilities, hostel seats, various scholarships and free studentship for poor, meritorious students are available for students. Details will be notified by the HODs or by the P.G. Council Office. In case of selection for hostel seat, the hostel fees for one year are to be paid at the time of admission. Details in respect of hostel are given in the hostel application form for admission available on payment of Rs.40 from the Office of the Warden. Study tour / field trips / excursions / picnics are arranged by the departments for the students. However, the University or its employees will not have any responsibility or liability whatsoever in case of any accident, injury, damage or death during such tours.

VI. General Notes

1. Examination: In order to be eligible to appear at the University Examination, a student has to secure at least 75% of attendance, and a student having attendance between 60% to 75% will be permitted with Medical Certificate. For this purpose the department concerned shall fix the last date for counting of attendance. A student can be debarred to sit at examination when he/she was found having shortage of attendance even after filling up forms. The said filling up forms is provisional.
2. If a student is detained / not appeared the Semester I examination due to shortage of attendance or any other reason shall not be eligible to continue in Semester II. He can take re-admission in Semester I again by paying the normal fees. The admission shall be given over and above the normal sanctioned seats with permission from the Chairman, P.G. Council but he can neither get hostel accommodation nor participate in Student Union Election.
3. **In case of any dispute in respect of the stipulation in this prospectus and admission of students, the interpretation and decision of the Admission Committee of the P.G. Council shall be final and binding, (Vide Statute 252(5) of the Orissa Universities First Statute, 1990).**
4. **Residence Committee** shall deal with all matters relating to P.G. hostels.
5. Discipline Committee shall look into all matters related to maintenance of students' discipline.
6. **Correspondence regarding Admission:** All correspondences (with index number) in connection with admission should be addressed to **the concerned Head of the Departments, Utkal University.**
7. Election of Office Bearers for the Executive Committee of the Students' Union shall be conducted as per rules framed by the P.G. Council, as per the recommendations of Lyngdoh Commission, depending on the situation prevailing in the campus and on recommendation of P.G. Council and concerned law and order authority.
8. An applicant with criminal antecedents involving moral turpitude shall not be admitted to any course. Supersession of facts in this regard shall make a candidate ineligible and admission of such candidates will be cancelled.

5. REGULATION FOR ADMISSION INTO Ph.D. PROGRAMME

1. Eligibility of Scholars

- a) Master degree holders having secured at least 55% of marks in the subject concerned of Utkal University or any other University recognized as equivalent by Utkal University are eligible to take admission into Ph.D. coursework provided they qualify through a written test followed by a viva-voce. However, candidates belonging to SC/ST category shall be given a relaxation of 5% of marks at Masters Level (i.e., 50%). The candidates qualifying UGC-CSIR-NET/ GATE/ SLET/ DBT/ ICMR/ ICHR/ ICSSR/ INSPIRE Fellowship of DST/ Rajiv Gandhi National Fellowship as will be approved by the Vice-Chancellor from time to time, are exempted from written test only. M.Phil / M.Tech/LL.M. Degree holders are also exempted from written test only provided they have been admitted to M.Phil / M.Tech/LL.M. Program through a written / interview test with project/dissertation work. Subjects in which marks are not awarded, equivalent grade point shall be taken as the qualifying grade/mark.
 - b) Eligibility of scholars for Ph.D. Degree in Medicine and Dental discipline shall be determined as per norms laid down in the statutes of the University or guidelines of MCI.
 - c) PhD in Development Studies at NCDS: Master degree in any discipline having secured at least 55% of marks from Utkal University or any other University recognized as equivalent by Utkal University are eligible to take admission into Ph.D. coursework provided they qualify through a written test followed by an interview. However, candidates belonging to SC/ST category shall be given a relaxation of 5% of marks at Masters Level (i.e., 50%). The candidates qualifying UGC-CSIR-NET/ GATE/ SLET/ICPR fellowship/ICHR fellowship/Any other equivalent examination as will be approved by the Vice-Chancellor from time to time, are exempted from written test only. M.Phil / M.Tech Degree holders are also exempted from written test only provided they have been admitted to M.Phil Program through a written / interview test.
 - d) Ph.D. in Public Health at RMRC, Bhubaneswar: Master degree holders of Utkal University or any other recognized Institute/University having secured at least 55% of marks in the relevant subject such as:
 - i. Public Health, Health Management Administration, Community Medicine, Clinical Research Population Science/Studies, Statistics, Biostatistics, Epidemiology, Nutrition, Home Sciences, Community Sciences, Psychology, Sociology, Anthropology, Social work, Economics.
 - ii. Master in relevant branch of allopathic Medicine /Ayush/Homoeopathy/Unani & Siddha/ Nursing/ Physiotherapy/ Occupational therapy or equitant degree in respective field.
 - iii. The degree holders of any other University recognized as equivalent by Utkal University are eligible to take admission into Ph.D. Course work provided they qualify through a written test followed by a viva-voce. However, candidates belonging to SC/ST category shall be given a relaxation of 5% of marks at Masters level (i.e. 50%). The candidates qualifying UGC-CSIR-NET/GATE/SLET/DBT/ICMR/ICHR/ICSSR/INSPIRE Fellowship of DST Rajiv Gandhi National Fellowship as will be approved by the Vice-Chancellor from time to time are exempted from written test only. M.Phil./ MD Degree holders in the above subjects are also exempted from written test.
 - e) Ph.D. in Ayurveda at C.A.R.I.H.D., Bharatpur, Bhubaneswar: The eligibility criteria is as per 5.1(a) which is same as Ayurveda, G.A.M. Puri
2. The candidates who complete the course work successfully shall be eligible for PhD registration in their subjects concerned. Registration in Allied/ Inter-disciplinary Subjects other than his/her subject at the Master's level will be decided by the Subject Research Committee.
 3. The reservation policy of the State Government shall be applicable for admitting scholars to the Ph.D. Course work Program of the University.
- ### 4. Application Process
- a) The candidate has to fill up online application form for appearing the written test and viva-voce at www.utkaluniversity.ac.in and the hard copy of the same application along with necessary documents must be sent to the respective Head of the Department(s) / Principal or Director of the Nodal Centre either in person or post.

- b) Each applicant (both exempted and non-exempted category applicants) has to submit the application fee of Rs.1000 (Rupees one thousand) only to apply for Pre-Ph.D. Coursework. For payment of application fee, applicant has to go through Payment Gateway (SBI e-pay) available in the application form. After submitting the details, the applicant may go for payment of the application fee of Rs.1000 (Rupees one thousand) only through **SBI e-Pay**. After the payment is confirmed, the applicant will get e-receipt. **The candidate can take a print out of the e-receipt** and have a copy of it which will be submitted along with the hard copy of the application. The reference number of the e-receipt will be an **input** while filling up online application form. **Under no circumstances the application fee is refundable.**

Conduct of Written Test

- c) The question for the Written Test shall consist of two parts, each part carrying 70 Marks and each of 90 minutes (1½ hr) duration. The paper-I of the question shall be purely multiple choice and objective-type, covering questions from Research Methodology, Quantitative Aptitude and Interpretation of Data. The paper-II of the question shall be from the subject concerned.
- d) The **qualifying mark** for Ph.D. Programme is each paper in the written test is 50%.
- e) **The venue, date and time of the written test will be printed in your hall ticket / admit card. The venue, date and time of the viva-voce will be intimated to the candidates by e-mail and SMS. The letter correspondence will be made regarding written test, viva-voce and selection of candidates by the concerned Department.**
- f) The candidates who qualify in the written test shall be called for a viva-voce which is of 30 marks.(20 V.V+ 10 CM)
- g) The merit list shall be prepared based on the marks secured by the candidate in the viva-voce test only (i.e., out of 30 marks). (20 V.V+ 10 CM)
- h) The Head of the Department and Chairman, SRC of the concerned Department shall conduct the admission process as per the decision of the Teachers' Council. The Subject Research Committee of the Department shall finalize the merit list as per the guideline.
- i) The list of selected candidates shall be published taking into account the number of seats available for registration and reservation policy of the State Government.
- j) The result of the written test and viva-voce will be available on the Notice Board of the Coursework Centre of the subject concerned and in University website.

5. Coursework

- a) The selected candidates will have to undertake a coursework of one semester (six months –) in the discipline concerned.
- b) The coursework shall be conducted in the respective P.G. Teaching Departments and in the recognized Nodal Centers of the University for subjects where there is no P.G. Teaching Department on the University Campus.
- c) The list of recognized P.G. Departments / Centers for Coursework is given below in Annexure-I.
- d) If somebody has already done the PhD coursework in another recognized University / Institution / Departments, due credit shall be given to him/her and s/he may be exempted from undertaking coursework once again.
- e) The course curriculum of the coursework shall be made available with the respective Principal / Director of the Nodal Centre / Head of the P.G. Dept. of the University.
- f) **The fee for coursework is Rs.10,000 (Rupees ten thousand) only, shall be paid in form of A/C Payee BD/BC drawn in favour of Head of the Department/Head of the course work centre.**
- g) On completion of coursework, there shall be an examination to assess the performance of the candidates. The head of the coursework centre/Head of the P.G. Department shall issue course completion certificate to the successful candidates after evaluation in a common format supplied by the Chairman, Post-Graduate Council with due intimation to the Controller of Examinations, Utkal University. The candidates are required to submit the course completion certificate to the Controller of Examinations, Utkal University for issue of necessary registration letter.
- h) Admission to and/or completion of Ph.D. coursework does not guarantee the candidate for registration into Ph.D. Programme in Utkal University, which is subject to the availability of the recognised Guides/Supervisors in the concerned subject.
- i) Candidates, those who are employed, are required to produce "No Objection Certificates" from their respective employers for admission into Ph. D. Course work.

6. The Subject Research committee (SRC) in the respective subject shall allot supervisor(s) to the candidates from the select list of supervisors depending on the specialization and vacancy available with them or accept the proposal of the Ph.D. Scholar for a particular supervisor if the proposed supervisor fulfils the conditions of eligibility as provided in the Ph.D. regulations of the University.
7. All other rules and procedure will be as per the Ph.D. regulations of the Utkal University.
8. The number of seats available for each subject for Ph.D. coursework shall be decided by the P.G. Dept. /course work centres / nodal centres depending on the existing vacancies under the recognised Supervisors as per UGC guidelines.
9. Hostel accommodation for the Ph.D. course work candidates will be provided subject to availability of seats.

Note: However, it must be noted here that the Ph.D programme of the University will follow the UGC (Minimum standard and procedure for admission into Ph.D degree) Regulations, 2022.

Annexure-I

| Sl. No. | Subject | Name of the Ph.D. Course Work Centre/Nodal Centres. |
|---------|-------------------------|---|
| 1. | A & A Economics | Dept. of A & A Eco, UU |
| 2. | AIHCA | Dept. of AIHCA, UU |
| 3. | Anthropology | Dept. of Anthropology, UU |
| 4. | Ayurveda | G.A.M., Puri / C.A.R.I.H.D, Bharatpur, Bhubaneswar |
| 5. | Bio- Technology | Institute of Life Science, BBSR |
| 6. | Bio- Technology | Dept. of Biotechnology |
| 7. | Bio- Technology | RMRC, Bhubaneswar |
| 8. | Botany | Dept. of Botany, UU |
| 9. | Business Administration | Dept. of MBA, UU |
| 10. | Chemistry | Dept. of Chemistry, UU |
| 11. | Commerce | Dept. of Commerce, UU |
| 12. | Computer Sc. & Appl. | Dept. of Computer Sc., UU |
| 13. | Education | RIE, Bhubaneswar |
| 14. | English | Dept. of English, UU |
| 15. | Environment | Dept. of Botany, U.U. |
| 16. | Fishery Science | CIFA, Bhubaneswar |
| 17. | Geography | Dept. of Geography, UU |
| 18. | Geology | Dept. of Geology, UU |
| 19. | History | Dept. of History, UU |
| 20. | Journalism | Dept. of Pub. Administration, U.U. |
| 21. | Law | Dept. of Law, UU |
| 22. | Life Sciences | Institute of Life Science, BBSR |
| 23. | Library Inf. & Sc. | Dept. of Lib. & Inf. Sc., UU |
| 24. | Mathematics | Dept. of Mathematics, UU |
| 25. | Microbiology | Dept. of Botany, U.U. |
| 26. | Odia | Dept. of Odia, UU |
| 27. | Pharmacy | Dept. of Pharmacy, U.U. |
| 28. | Physical Education | GCPE, Bhubaneswar |
| 29. | Philosophy | Dept. of Philosophy, UU |
| 30. | Physics | Dept. of Physics, UU |
| 31. | PMIR | Dept. of PMIR, UU |
| 32. | Political Science | Dept. of Pol. Sc., UU |
| 33. | Polymer Science | CIPET, Bhubaneswar |
| 34. | Psychology | Dept. of Psychology, UU |
| 35. | Pub. Administration | Dept. of Pub. Administration, UU |
| 36. | Sanskrit | Dept. of Sanskrit, UU |
| 37. | Social Work | NISWASS, Bhubaneswar |
| 38. | Sociology | Dept. of Sociology, UU |
| 39. | Statistics | Dept. of Statistics, UU |
| 40. | Zoology | Dept. of Zoology, UU |
| 41. | Women Studies | School of Women Studies, UU |
| 42. | Development Studies | NCDS, Bhubaneswar |
| 43. | Public Health | RMRC, Bhubaneswar |

REGULATIONS FOR DOCTORS OF PHILOSOPHY IN ARTS, SCIENCE, TECHNOLOGY, COMMERCE, MANAGEMENT, EDUCATION, LAW AND MEDICINE & FOR DOCTOR OF LITERATURE IN ARTS, COMMERCE, MANAGEMENT AND EDUCATION, DOCTOR OF SCIENCE IN SCIENCE, TECHNOLOGY AND MEDICINE AND DOCTOR OF LAW UNDER UTKAL UNIVERSITY, 2011

ABSTRACT OF THE Ph.D. REGULATIONS (CORRECTION SLIP NO. 1351)

1. Eligibility of Scholar:

1.1 Master Degree holders having secured at least 55% of marks in the above mentioned discipline/ allied submit of Utkal University or any other University recognized as equivalent thereto by Utkal University are eligible for Ph.D. admission provided they qualify an entrance test followed by an interview. However, candidates belonging to SC/ST category shall be given a relaxation of 5% of marks at Masters Level (i.e. 50%). The schedule of entrance test will be notified by the Chairman, P.G, Council. The number of seats available in each subject for Ph.D. registration be notified by the Controller of Examinations on recommendation of DRC and be available on University Website. Candidates qualifying UGC-CSIR-NET/GATE/SLET/INSPIRE/Rajiv Gandhi National Fellowship of DST and Awardees of Teacher Fellowship and such other Fellowship as approved DBT/ICMR/ICAR or any national list by the Vice-Chancellor from time to time are exempted from such written tests. M.Phil. Degree holders are also exempted from entrance test provided they have been admitted to M.Phil. Programme through a written entrance test. Internal Scholars under exchange programme are also exempted from entrance test. Subjects in which marks are not awarded, equivalent grade point shall be taken as the qualifying grade/mark.

The Post Graduate Department/Centre of Research shall hold interview for exempted category of Research applicant to facilitate allotment of Ph.D. seats and take into consideration areas of interest of the faculty and availability of facilities in the center for accepting such Ph.D. students; such interview of exempted category is not to fix the eligibility of the candidates but for allotment of Ph.D. programme seats in the P.G. Department/Centre of Research.

1.2 Candidates after successful compiling course were will be eligible for Ph.D. registration in their relevant/ allied subjects in the Master's level. Registration in allied/multi-disciplinary/Inter-disciplinary subject other than his/her subject at the Master's level will be decided by the Department Research Committee.

1.3 A Ph.D. Degree holder from Utkal University or any other recognized University in Arts/Commerce, Management and Education, Science Technology & Medicine & Law shall be eligible for D.Litt, D.Sc. & L.L. D. respectively provided he has at least five published research papers (with maximum two authors only) in reputed international and national research journal with ISSN/ISBN registration. Further these five papers must have been published after award of Ph.D. and at least three published research paper out of five must relate to the proposed post doctoral research work. Such applicants would be required to make presentation before the Subject Research Committee. The SRC shall be competent to judge the quality of the publication and standing of the journal for acceptance Post Doctoral Research Scholar is exempted from entrance test and course work.(Refer new guidelines for D.Litt, D.Sc. & L.L. D., 2016)

2. Application for Registration:

2.1 An eligible candidate who has qualified the entrance test and interview or who is exempted from entrance test and interview shall apply for Ph.D. registration in the prescribed form (Appendix-I) on payment of requisite fees prescribed. Proforma will also be available in the University Website. A candidate may apply in down loaded form and deposit the requisite fees through Bank Draft drawn in favour of Comptroller of Finance, Utkal University payable at S.B./Syndicate Bank of Utkal University Campus Branch, Vani Vihar.

2.2 Application for entrance examination can be made at least once in a year when advertisements are issued by the Controller of Examinations. However those exempted from entrance test and course work may apply for registration throughout the year.

2.3 The candidate shall certify that she/he has not registered for Ph.D. under Utkal University earlier or in any other University. However a candidate may re-register for Doctoral or a

Post Doctoral Degree provided the earlier registration has lapsed or has been cancelled. Further a candidate may register for second doctoral/ Post Doctoral degree in a new subject.

- 2.4 Applicants for Ph.D. registration shall be placed before DRC and applicants shall make pre-registration presentation to which members of DRC/Faculty of the P.G. Department/Allied P.G. Department would be invited. Such presentation shall be held in the concerned P.G. Departments of the University. For other subjects where there is no P.G. Department inside the campus, the same shall be conducted in the University Office or at the approved centre. All such presentations shall be coordinated by Chairman, DRC. The DRC shall record the suggestions/suggested changes. The candidate shall incorporate such change in the synopsis and submit the revised synopsis within 60 days to the Chairman DRC and the same may be approved by the DRC. The entire process has to be completed within 60 days from the date of presentation. In case the candidate fails to submit revised synopsis within 60 days she/he has to apply afresh for registration. In case the revised synopsis is not approved by the DRC the candidate may apply afresh i.e. repeat the entire process including entrance test wherever applicable.
- 2.5.1. In case the DRC rejects the synopsis the same shall be communicated by the Chairman, DRC to the candidate in writing with reasons with a copy to the Controller of Examinations. The candidate may resubmit a fresh synopsis within six months without any further fees.
- 2.5.2. The initial Registration shall be valid for 5 years.
- 2.5.3. The Candidate has to submit progress report in June and December every year through the Supervisor.
- 2.5.4. At the end of each six month the candidate has to make presentation before DRC outlining the progress detailing review of literature, methodology, survey, experimentation and such other relevant details.
- 2.5.5. For renewal beyond 5th yr., the candidate has to make presentation before DRC at the end of 5th, 6th and 7th years. Renewal beyond 8 years shall be allowed, subject to the approval of the Vice-Chancellor on individual merit basis.
- 2.5.6. Presentation under clause 2.5.4 & 2.5.5 above shall be organized by the Chairman, DRC, in January-February every year.

6. Place of Research/Place of Ph.D. Course Work

- 6.1 Only P.G. Teaching Departments of University/constituent Colleges with sufficient infrastructure in terms of Lab. and Library shall be places of Research.
- 6.2 Recognized Research Institutes/ autonomous colleges can be the Place of Research, if recognized by URC and the Syndicate on the recommendation of an expert committee.
- 6.3 Other Universities on request can be recognized as a Place of Research by the URC and the Syndicate on the recommendation of SRC.
- 6.4 For promotion of collaborative research State or Central Govt. funded Universities and Research Institutes may be recognized by RCU as additional places of research on the recommendation of DRC.

15. Structure of Fees & Processing Charges

The structure of fees and processing charges shall be decided by the Syndicate from time to time. The existing structure is as follows:

| | |
|--|---|
| A. Cost of application form & Entrance Test | Rs.1000/- (To be paid through SBI e-pay) |
| B. Course work Fee | Rs.10,000/- |

(For the course work, the amount will be paid in favour of the Head of the Deptt./ Centre/ Institute through Demand Draft)

The Head of the Dept./Centre/Institute would utilize funds as follows:

- i. Teaching remuneration including Extramural Lecture: 40%
- ii. IT application & E-Learning Resource/Books: 50%
- iii. Contingency: 10%

Unutilized balance if any would be deposited in the Departmental Development Fund of the Department/Nodal Centre. (Additional University Registration Fees is payable in case of Migration)

B. Fees & Processing Charges**Doctoral**

| | |
|--|------------|
| a) Registration Charges | Rs.1,500/- |
| b) Annual Registration Renewal after Five years only | Rs.3,000/- |
| c) Change of registration/guide | Rs.500/- |
| d) Change of title of the thesis/Modification etc. | Rs.500/- |
| e) For processing & evaluation of thesis | Rs.5,000/- |
| f) Duplicate Registration Number | Rs.200/- |
| g) Original Certificate | Rs.500/- |

Note: For all above (a to g) payments the Bank Draft is to be drawn in favour of the Comptroller of Finance, Utkal University, Vani Vihar, Bhubaneswar.

16. Anomaly, if any may be referred to the Vice-Chancellor and if need arises the Vice-Chancellor may refer the matter to URC depending on the case.
17. The Ph. D. Regulation 2016 came into force from the academic session 2022-23.
18. The University shall issue a provisional certificate to the effect that the Ph.D. Degree has been awarded in conformity with the provision of the UGC Minimum standards and procedures for award of Ph.D. Degree Regulation, 2009.
19. Existing Committees such as DRC and URC will be reconstituted as per the new regulation by the Vice-Chancellor.

N.B.: The detail information regarding Ph.D. registration is available from the Controller of Examinations (Ex-VII Unit) or Utkal University (website www.utkaluniversity.nic.in)

6. SELF FINANCED COURSES & ADMISSION GUIDELINES

A. The University offers Several *Self financed* Courses under different Schools and P.G. Departments as follows:

SPONSORED COURSES

1. MBA(Financial Management)
2. 5-Year Integrated M.B.A.
3. 5-Year. Integrated M.C.A.
4. M.Sc. Applied Micro-Biology
5. M.Sc. Environmental Science
6. M. Pharma
7. B. Pharma
8. M.A. in Women Studies
9. M.Sc. in Computer Science
10. Master of Journalism & Mass Communication
11. M.A. in Hindi
12. B.Ed.
13. M.Ed.
14. 4 Year Integrated B.A B.Ed
15. P.G. Diploma in RS&GIS

SCHOOLS/DEPARTMENTS

Department of Commerce
 Department of Business Administration
 Dept. of Computer Science and Application
 Dept. of Botany
 Dept. of Botany
 University Department of Pharmaceutical Sc.
 University Department of Pharmaceutical Sc.
 School of Women Studies
 Dept. of Computer Science and Application
 Department of Pub. Administration.

 Department of Sanskrit
 University Department of Teacher Education
 University Department of Teacher Education
 University Department of Teacher Education
 Department of Geography

SPONSORED COURSES UNDER PPP MODE

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

NEW CAMPUS (RURAL), CHANDIKHOLE

1. Master of Public Health
2. MBA in Rural Management
3. Master of Social Work

AN ABSTRACT OF GUIDELINES FOR FUNCTIONING OF SPONSORED COURSES UNDER DIFFERENT SCHOOLS/PG TEACHING DEPARTMENTS:

1. The University, by virtue of the powers vested in it under section 3(5)(a), 12(2)(d) of the Orissa Universities Act, 1989 and under the statute 252 (4)(g) of the Orissa Universities First Statutes, 1990 read with Statute 23, has instituted courses to be offered to eligible students under P.G. Council of the University and the Constituent Colleges of the University. Such courses are called "SPONSORED COURSES".
2. A Sponsored Course shall, unless otherwise specified, be managed under the administrative control of a Post-Graduate Department. The list of Sponsored Courses instituted till date and the departments to which they are attached is given in earlier page. The Sponsored Courses already instituted shall be discontinued if not found viable.
3. The student strength, course fee, minimum qualifications needed for admission into a Sponsored Course shall be decided by the Syndicate on the basis of recommendations (i) by the Teachers' Council of the Department offering such a course made through the Chairperson, PG Council or (ii) by the Academic Committee of the School offering such a course, through the Governing Council of the School.
4. Applicant shall pay Rs.600/- (Rupees six hundred) only online through SBI e-Pay for all courses. For details visit the web portal for e-admission <http://utkaluniversity.nic.in>

5. **ENTRANCE TEST & ADMISSION NOTIFICATION, 2023-24**

Online applications are invited for admission into Sponsored Courses for the session 2023-24. Students passed / awaiting Final examinations results can also apply for the entrance tests of Sponsored Courses. The details of eligibility for admission into a particular course are given in the respective Programmes.

Sponsored Courses

| | |
|--|------------------------------|
| ● M.A in Women Studies | ● M.J.M.C |
| ● M.Sc. Computer Science | ● MBA (FM) |
| ● Hindi | ● B.Ed. |
| ● M.Ed. | ● 4 Year Integrated B.A B.Ed |
| ● 5 Years IMCA | ● 5 Years IMBA |
| ● P.G. Diploma in Remote Sensing & GIS | |

How to apply

Visit Utkal University website at www.utkaluniversity.nic.in for procedure of E-admission 2023-24, Guidelines for Application and deposit of Fees, Information Bulletin, Date , Time and Venue of Entrance Tests before filling up of the Forms.

In case of any query write to – helpdesk.uueadmission@gmail.com

Admission for all categories of students into different courses are mentioned details in the Information Bulletin.

NB: No admission shall be given to a candidate for any of the above Courses for the second time.

6. Admission to the Sponsored Courses shall be made by adopting any one of the following methods:
 - a. Entrance Test
 - b. Career-cum-Entrance
 - c. Career
 - d. Career-Experience-Entrance
 - e. Career-Entrance-GD&PI
7. The application forms accompanied by necessary documents shall be submitted by the candidates to the Course Coordinators/Directors of the Schools.
8. The Course Coordinators/Directors of the Schools/in their respective courses shall:
 - i. Make arrangements for selection
 - ii. Publish the results of the selection
 - iii. Fix the dates of admission
 - iv. Admit the students

8. The rules relating to the reservation of the seats in the regular courses followed by the PG Council shall be applied to the reservation of seats in the Sponsored Courses. In case a reserved seat in a particular category is not filled up, the seat will be converted into a general one.
10. The rules of admission as formulated by the Governing Council in case of Schools and P.G. Council in case of other courses shall be followed.
11. The students of a Sponsored Course shall be issued identity cards by the respective Departments and Library cards by the University Library (Parija Library).
12. The students of a Sponsored Course are eligible to get hostel accommodation inside the campus on a quota system to be worked out by the Warden and the Residence Committee with the approval of the Chairperson, PG Council.
13. The students of a Sponsored Course are not entitled to be members of the Students' Council, Athletic Society and Dramatic Club of the University and no fees for such purposes shall be collected from them.

Admission Procedure

Admission into Sponsored Courses shall be made on the basis of criteria fixed by the respective Departments. Application procedure, eligibility, reservation policy, documents to be submitted with the application form and at the time of admission is same as P.G. Courses. For detailed course structure, visit the website of the University/Department.

Fees payable for admission to Sponsored Courses.

| | | | |
|--|---|-----|-------|
| Admission fee | - | Rs. | 100/- |
| Tuition fee (Annual) | - | Rs. | 180/- |
| Identity Card | - | Rs. | 50/- |
| Medical fee | - | Rs. | 10/- |
| Insurance fee (inclusive of service tax) | - | Rs. | 380/- |
| Student Welfare fund | - | Rs. | 20/- |
| Electrical charges | - | Rs. | 200/- |
| Library Development fee (for 1 yr. course) | - | Rs. | 100/- |
| (2/3 yrs. Programme) | - | Rs. | 500/- |
| (5 yrs. Programme) | - | Rs. | 750/- |
| Sports Council fee | - | Rs. | 50/- |
| CDC fee | - | Rs. | 10/- |
| NCC fee | - | Rs. | 5/- |
| NSS fee | - | Rs. | 10/- |
| Multi-gym fee | - | Rs. | 10/- |
| University Registration fee | - | Rs. | 150/- |
| (for other University students) | | | |
| Recognition fee ((for other University students) | - | Rs. | 10/- |

The above fees shall be collected over and above the course fee.

C. SPONSORED COURSES

1. MBA (FINANCIAL MANAGEMENT)

Year of Establishment : 1996 (Formerly MFC)

- a) Venue : Department of Commerce
- b) Duration : Two Years
- c) Number of Seats : 40
- d) Eligibility : Any Graduate (1st Bachelor Degree) with 50% in aggregate (45% for SC/ST) of Utkal University or any recognized University is eligible to apply.
- e) Selection Procedure : Utkal University Entrance Test.
- f) Course Fee : Rs.100,000/-(For two years)

In addition, they have to meet on their own expenses relating to summer training, University examinations, study tour, field visit, seminar work shop, placement activity, annual day celebration, personality development programmes, career counselling, alumni fee and other related activities.

- g) Total 32 papers 3200 marks 128 (p). It includes two projects (i) Summer Internship Project (ii) Final Project
- h) Features: Regular Seminars, Cell network, B School meet, Placement assistance, Guest talk.
- i) Contact Person : Dr. Prabodha Kumar Hota, Co-ordinator: 9861243258(M)

SYLLABUS

Semester-1: 1.1 Management Concepts and Organisational Behaviour, 1.2 Economics Analysis for Decision Making, 1.3 Financial Accounting & Reporting, 1.4 Quantitative Techniques for management, 1.5 Marketing Management, 1.6 Financial Management, 1.7 Business and Financial Environment, 1.8 Financial Markets and Instruments.

Semester-2 : 2.1 Accounting for Managerial Decisions, 2.2 Investment Analysis & Equity Research, 2.3 Risk & Insurance Management, 2.4 Mutual Fund Portfolio Management, 2.5 Business Regulatory Framework, 2.6 Entrepreneurship & Project management 2.7 Research Methodology & Report Writing 2.8 ICT, Soft Skills & Business Communication.

Semester-3 : 3.1 Strategic Management, 3.2 Merchant Banking & Financial Services, 3.3 Financial Derivatives & Risk Management, 3.4 International Financial Management, 3.5 Tax Planning & Management, 3.6 International Accounting and Corporate Reporting 3.7 (A) Corporate Restructuring & Financial Reengineering (B) Human resources Management, 3.8 Summer Internship Training Report

Semester-4: 4.1 Corporate Governance and Business Ethics, 4.2 Commodity Market and Future, 4.3 marketing of Financial Services, 4.4 Accounting Standard and I.F.R.S, 4.5 Retail management, 4.6 (A) Wealth Management, (B) Monetary & Fiscal Policy, (C) Agriculture Finance 4.7 (A) Macroeconomics and policy, (B) Infrastructure finance (c) Inclusive Finance 4.8 Final Project and Vive Voce (Dissertation, Viva Voce)

2. 5 YEAR INTEGRATED MASTER IN BUSINESS ADMINISTRATION

Year of Establishment: 1999

- a) Venue: Department of Business Administration
- b) Duration: 5 years with provision for award of a Degree of B.B.A. (Hons.) and distinction after completion of 3 year and passed in single attempt. MBA Degree will be awarded after completion of 5 years.
- c) Number of Seats: 60 (Sixty)
- d) Eligibility: Students who have passed or appeared in any stream at the +2 Examinations of CHSE Odisha or equivalent thereof with 45% in aggregate and 40% for SC/ST candidates.
- e) Selection Procedure: The selection into the programme is based on the performance in the Entrance Test (70%) and Academic Career (30%).

Where division is not awarded, equivalent % of marks of BSE/CHSE, Odisha shall be considered for awarded of career marks. In case of any dispute in respect of the stipulations in the prospectus and admission of students, the interpretations and decision of the Admission Committee of the P.G. Council shall be final and binding (vide statute-252 (5) of the Odisha University First Statute 1990).

- f) Course Fee: Rs.40,000/- per annum for first three years and Rs.50,000/- per annum for the subsequent last two years totalling to Rs.2,20,000/- for five years. Apart from this, the admission

fees shall be fixed from year to year by the Post Graduate Council, apart from that Admission fees as decided by the P.G. Council will be collected.

- g) Course structure: Advanced Management Courses with quantitative methods, Information Technology and Communication Skill Development with Management in Practice (MIP). During the course a student has to cover 60 papers involving 6000 marks spreading over ten semesters.
- h) Placement Activities – Department supports placement activities by imparting training and arranging campus placement.
- i) There shall be provision for **Lateral Entry into IMBA** programme against the vacant seats* in 7th semester. The lateral entry shall be made through an entrance process same as followed in MBA (Regular) programme for among the BBA students. Course Fee : Rs. 50,000/- per annum for two years totalling to Rs. 1,00,000/-. Apart from this, the admission fees shall be fixed from year to year by the Post Graduate Council, apart from that Admission fees as decided by the P.G. council will be collected.
- j) Contact Person: Dr. Muna Kalyani, Course Co-ordinator, Mob: 9556749101

* *The exact number of vacant seats shall be declared at the time of admission.*

3. 5Yr. INTEGRATED MASTER IN COMPUTER APPLICATIONS

Year of Establishment : 1999

- a) Duration : Five Years (Ten Semesters)
- b) Number of Seats : 60 (Sixty)
- c) Eligibility : +2 Examination with Mathematics as a subject with at least 50% marks in aggregate (45% for SC/St candidates) in the qualifying examination.
- d) Selection Procedure : Career-cum- University Entrance test.
- e) Course Fee : Rs. 50,000/- per Year
- f) Contact Person : Dr. Prafulla kumar Behera, Course Co-coordinator,
Mob 9437485212(O)

g) Faculty:

1. Dr. Pranati Satapathy: Data Mining, Artificial Intelligence and Machine Learning.
2. Mrs. Sthitapragyan Mohanty: Computer Network, IoT and Soft Computing
3. Mrs. ALiva Priyadarshini : Cloud Computing, Software Engineering and Operating System
4. Mrs. Rashmita Padhi : Computer Network, Network Security, Machine Learning and Database Management.

Subjects Covered:

I-Semester: AEC-1(Environmental Science), Digital Logic, Digital Logic LAB, Programming using C, Programming using C LAB, GE/IC-1 (Principles of Management), GE/IC-1 Tutorial/ Lab (Principles of management Tutorial).

II-Semester: AEC-2 (English/MIL Communication), Programming using C++, Programming using C++ LAB, Data Structures, Data Structures LAB, GE/IC-2(Statistics), GE/IC-2 Tutorial/ Lab (Statistics LAB)).

III-Semester: Computer Organization, Computer Organization Lab, JAVA Programming, JAVA Programming LAB, Discrete Mathematical Structures, Discrete Mathematical Structures LAB, SEC-1 (Python Programming), GE/IC-3 (Business Accounting), GE/IC-3 Tutorial/ LAB (Business Accounting Tutorial).

IV-Semester: Operating System, Operating System LAB, Computer Networks, Computer Networks Lab, Database Systems, Database System LAB, SEC-2 (Android Programming), GE/IC-4 (Business Economics), GE/IC-4 Tutorial/LAB (business Economics Tutorial).

V-Semester: Web Technology, Web Technology Lab, Software Engineering, Software Engineering Lab, DSE-1 (Unix Programming), DSE-1 LAB/ Tutorial (Unix Programming LAB), DSE-2 (Data mining), DSE-2 LAB/ Tutorial (Data Mining LAB)

VI- Semester: Computer Graphics, Computer Graphics Lab, Numerical Techniques, Numerical Techniques Lab, DSE-3 (Data Science), DSE-3 Lab/ Tutorial

(Data Science LAB), DSE-4 (Project Work / E-Commerce), DSE-4 LAB/ Tutorial (E-Commerce Tutorial)

VII-Semester: Combinatorics and Graph Theory, Compiler Design, Distributed System, Network Security, **Discipline Specific Elective-5**, Compiler Design Lab, Network Security lab.

VIII-Semester: Algorithms Design and nalysis, Theory of Computation, Advanced Computer Architecture, Artificial Intelligence, **Discipline Specific Elective-6** Algorithms Design and Analysis Lab, Artificial Intelligence Lab.

IX-Semester: Cloud Computing, Internet of things, Machine Learning, Block Chain Technology, **Discipline Specific Elective-7**, Internet of Things Lab, Machine Learning lab

X-Semester: Project Work/ Dissertation.

List of Discipline Specific Elective papers:

DSE-5: (Multimedia and Applications/Bio-Informatics/ Wireless Sensor Networks)

DSE-6: (Digital Image Processing/ Human Computer Interaction/ Optimization Techniques).

DSE-7: (Mobile Computing / Parallel Processing*/ Simulation and Modeling)

4. M.Sc. APPLIED MICROBIOLOGY

Year of Establishment : 2000

a) Venue : Department of Botany

b) Duration : Two years (Four Semester)

c) Number of Seats : 20 (Twenty)

d) Eligibility: As per Department of Higher Education, Govt. of Odisha.

e) Selection Procedure : P.G. Common Entrance Test, Govt. of Odisha

f) Course fee : Rs.60,000/-

g) Faculty details:

1. Course Coordinator: Dr. Chinmay Pradhan; (Mob-9438676755)

2. Assistant Professor (Contractual) : Dr. Pallavi Jali;

3. Laboratory Assistant (Contractual) : Dr. Suman Jagatee

4. Laboratory Attendant (Contractual) : Mr. Deepak Kumar Rout

h) Course structure:

Semester Wise distribution of Papers

First Semester

Theory: Fundamentals of microbiology. Microbial diversity, Microbial physiology, Biochemistry, Molecular Biology and Genetics

Practical: Practical based on theory papers.

Second Semester

Theory: Agricultural microbiology and Plant pathology, Environmental, Food and Industrial microbiology, Medical microbiology and Immunology

Practical: Practical based on theory papers.

Third Semester

Theory: Biostatistics, Computer Application and Instrumentation, Microbial biotechnology: Fundamentals, Microbial biotechnology: Applications

Practical: Practical based on theory papers.

Fourth Semester

The candidates shall choose one of the following elective courses.

C. Agricultural Microbiology

D. Industrial Microbiology

E. Pharmaceutical and Clinical Microbiology

F. Plant pathology

Practical and Project: Seminar-cum-Practical based on project work.

i) Student Facility: Since 2000, it has produced more than 250 masters and 100 Ph.D scholars in the subject of Applied Microbiology. The course consist of four semesters with unit wise patterns in theory papers (03) and one (01) practical paper per semester. The projects, dissertation and practical assignments are available along with theory classes. The Elective

papers, consisting of two theory and one dissertation-cum- presentation paper, are offered under 4th semester. The course has a fully revised syllabus as per thr CSIR-UGC-NET/ICAR NET Syllabus. There is a well-equipped M.Sc. Practical Laboratory with Digital Weighing Balance (01), Table Tp High Speed Centrifuge (01), Compound Microscope (05), Bacteriological Incubator (01), BOD Incubator (01), LCD Projectors with laptop computer (01), Double Distillation Unit (01), Autoclave (02), Digital pH Meter (01), Digital Conductivity Meter (01), Water-bath (01), UV- Visible Spectrophotometer (01), Electrophoretic Units (02), Water bath (01), Refrigerated Centrifuge (01) and other necessary facilities. Seminar Library facility (350 books approx..) provided as per the syllabus. The students qualified national level examination viz UFC/ICAR Net/JRF and pursue higher studies in many institutions of national reputes. The course have provided with high class study ambience aims at the career building of the students in the discipline of Applied Microbiology.

5. M.Sc. ENVIRONMENTAL SCIENCE

Year of Establishment: 2000

- a) Venue : Department of Botany
- b) Duration : Two Years (Four Semesters)
- c) Number of Seats : 20 (Twenty)
- d) Eligibility : As per Department of Higher Education, Govt. of Odisha.
- e) Selection Procedure : P.G. Common Entrance Test, Govt. of Odisha
- f) Course Fee : Rs.60,000/- per year
- g) Faculty details:

1. Course Coordinator: Dr. Chinmay Pradhan; (Mob-9438676755)
2. Assistant Professor (Contractual) : Dr. Srinivas Acharya;
3. Laboratory Assistant (Contractual) : Mr. Sourav Ku. Rout
4. Laboratory Attendant (Contractual) : Mr. Kanhu Charan Swain

- h) Course structure: Semester Wise distribution of Papers

First Semester: Theory: Fundamentals of Environmental Science and Environmental Chemistry, Environmental Toxicology, Analytical and Statistical Methods, Geoinformatics and Computer Application, Environmental Pollution Control and Monitoring.

Practical: Practical based on theory papers.

Second Semester:

Theory: Ecology and Biodiversity, Natural Recourses and Management, Environmental Hazards, Risks and Disaster management.

Practical: Practical based on theory papers.

Third Semester:

Theory: Environmental Microbiology, Biotechnology and Climate Change, Environmental Management System, Environmental Laws and Awareness

Practical: Practical based on theory papers.

Fourth Semester:

The Candidates shall choose one of the following elective courses.

- G. Environmental Pollution Control and Management
- H. Environmental Biology
- I. Environmental Geology and Remote Sensing

A. Environmental Pollution Control and Management

Theory: Environmental Pollution Control and Management, Public Health and Sanitation

Practical: Practical based on theory or, Dissertation- cum- Seminar (in lieu of Practical)

B. Environmental Biology

Theory: Forest Ecology and Modeling, Stress Biology and Toxicology

Practical: Practical based on theory or. Dissertation- cum- Seminar (in lieu of Practical)

C. Environmental Geology and Remote Sensing

Theory: Environmental Geology, Remote Sensing and GIS

Practical: Practical based on theory or. Dissertation- cum- Seminar (in lieu of Practical)

- i) Student Facilities: Since 2000, the SFC has produced more than 250 Masters and 100 Ph.D. scholars in the subject of Environmental Science. It has a seminar library having more than 300 reference books in the subject. The Environmental science laboratory is well-equipped with UV-Vis Spectrophotometer (01), Respirable Dust Sampler (01), Kjeldhal-cum-COD digester (01), BOD cooling incubator (01), Bacteriological incubator, Hot air oven (2 nos), Centrifuge (2 nos), digital weighing balance, pH meter (2 nos), conductivity meter (2 nos), multi- parameter handy electrode (01), sound level meter (01), autoclave (01), etc. Its classroom is assembled with blackboard, white board and a laptop with LCD projector And dedicated Intel core i5 desktop with printer for official and material printing purposes. Many students qualified national level examination viz. UGC/ICAR NET/JRF and pursue higher studies (e.g. M.Tech./Ph.D) in many institutions of national repute. Many of the students got engaged in SPCBs, PSUs, Universities, colleges, ISO certifies industries and research institutes. The course have provided with high class study ambience enabling the students to excel in their career with Environmental Science.

6. MASTER DEGREE IN PHARMACY

Year of Establishment: 2000 (Approved by Pharmacy Council of India and All India Council for Technical Education)

- a) Admission into M.Pharm 1st semester Course: Through OJEE
 b) Venue: University Department of Pharmaceutical Sciences, Utkal University.
 c) Duration: 2 years (4 Semesters)
 d) Specialization Offered:- 04 M.Pharm Specializations Viz:- Pharmaceutics, Pharmaceutical Chemistry, Pharmacology and Pharmacognosy.
 e) Approval Status: Approved by Pharmacy Council of India (PCI) and All India Council for Technical Education (AICTE).
 f) Number of Seats: 21 - (09 in Pharmaceutics, 06 in Pharmaceutical Chemistry, 03 in Pharmacology & 03 in Pharmacognosy specialization).
 g) Eligibility: B. Pharm
 h) Selection Procedure: Admission through OJEE as per Govt. order vide No.4142/ETET, Bhubaneswar, dated 17.06.2013. The statutory reservation policy and admission of out of state students are as per guideline by OJEE, Govt. of Odisha.
 i) Course Fee : Rs. 35,000/- per Semester (Admission and other fees as per University norm) Development Fund fee and Apex Body fee as decided by the Departmental Teachers Council.
 j) Mode of Payment : **Course Fee, Admission Fee and other fees** - In shape of BD /BC favouring the Comptroller of Finance, Utkal University, Payable at Bhubaneswar.
Development Fund fee and Apex Body fee - In shape of BD / BC favouring the Coordinator, University Department of Pharmaceutical Sciences, Utkal University, Payable at Bhubaneswar.
 k) Time of Payment : To be paid at the time of commencement of each Semester i.e 15th July and 15th January (Twice a year).
 l) Faculty Details:
 1. Dr. Susanta Kumar Sahu (Reader), 9338060410, tutu_kh@yahoo.com
 2. Dr. Sagar Kumar Mishra (Lecturer&Coordinator),9437275178, skmishraudps@gmail.com
 3. Dr. Debashish Pradhan (Lecturer), 9861137772, drdebasishpradhan@utkaluniversity.ac.in
 4. Dr. Ranjit Mohapatra (Lecturer), 8249735595, ranjitmohapatra4647@gmail.com
 5. Dr. Sunit Kumar Sahoo(Lecturer), 9437134184, sahoosunitkumar@gmail.com
 6. Dr. Sradhanjali Patra (Lecturer), 9937132520, sradhanjali2002@yahoo.co.in
 7. Dr. Sabitri Bindhani (Lecturer), 9938309110, sabitridas49@gmail.com
 8. Mr. Chinmaya Chidananda Behera (Lecture), 8895965445, chinmayachidananda.behera@gmail.com
 9. Mr. Debasis Mohanty (Lecture), 9692207157, dm.debasis.mohanty89@gmail.com
 10. Mr. Jyotirmaya Nayak (Lecture), 9337298415, jyotirmayanayak76@gmail.com
 11. Mr. Debashis Tripathy (Lecture), 7008325359, debashitripathy1997@gmail.com
 m) Contact Person : 1. Prof. Navaneeta Rath, HOD, UDPS, Utkal University
 2. Dr. Sagar Kumar Mishra, Coordinator, UDPS, Utkal University, Vani Vihar, Bhubaneswar-751004. (Email- udps@utkaluniversity.ac.in)

7. BACHELOR DEGREE IN PHARMACY

1. Year of Establishment: 2000 (Approved by Pharmacy Council of India and All India Council for Technical Education)
 - a) Admission into B.Pharm 1st Semester: Through OJEE
 - b) Venue: University Department of Pharmaceutical Sciences
 - c) Duration: 4 years (8 Semesters)
 - d) Approval Status : Approved by Pharmacy Council of India (PCI) and All India Council for Technical Education (AICTE).
 - e) Number of Seats: 60+03 (Tuition fee waiver)
 - f) Eligibility: +2 Science
 - g) Selection Procedure: Admission through OJEE as per Govt. order vide No.3725/SDTE, Bhubaneswar, dated 02.07.2016.
 - h) The statutory reservation policy and admission of outstate students are as per guideline by OJEE, Govt. of Odisha.
 - i) Course Fee : Rs. 40,000/- per Semester (Admission and other fees as per University norm) Development Fund fee and Apex Body fee as decided by the Departmental Teachers Council.
 - j) Mode of Payment: **Course Fee, Admission Fee and other fees** - In shape of BD /BC favouring the Comptroller of Finance, Utkal University, Payable at Bhubaneswar.
Development Fund fee and Apex Body fee - In shape of BD / BC favouring the Coordinator, University Department of Pharmaceutical Sciences, Utkal University, Payable at Bhubaneswar.
 - h) Time of Payment : To be paid at the time of commencement of each Semester i.e 15th July and 15th January (Twice a year).
 - k) Faculty Details:
 1. Dr. Susanta Kumar Sahu (Reader), 9338060410, tutu_kh@yahoo.com
 2. Dr. Sagar Kumar Mishra (Lecturer&Coordinator),9437275178, skmishraudps@gmail.com
 3. Dr. Debashish Pradhan (Lecturer), 9861137772, drdebashishpradhan@utkaluniversity.ac.in
 4. Dr. Ranjit Mohapatra (Lecturer), 8249735595, ranjitmohapatra4647@gmail.com
 5. Dr. Sunit Kumar Sahoo (Lecturer), 9437134184, sahoosunitkumar@gmail.com
 6. Dr. Sradhanjali Patra (Lecturer), 9937132520, sradhanjali2002@yahoo.co.in
 7. Dr. Sabitri Bindhani (Lecturer), 9938309110, sabitridas49@gmail.com
 8. Mr. Chinmaya Chidananda Behera (Lecture), 8895965445, chinmayachidananda.behera@gmail.com
 9. Mr. Debasis Mohanty (Lecture), 9692207157, dm.debasis.mohanty89@gmail.com
 10. Mr. Jyotirmaya Nayak (Lecture), 9337298415, jyotirmayanayak76@gmail.com
 11. Mr. Debashis Tripathy (Lecture), 7008325359, debashitripathy1997@gmail.com
 - l) Contact Person: 1. Prof. Navaneeta Rath, HOD, UDPS, Utkal University
2. Dr. Sagar Kumar Mishra, Coordinator, UDPS, Utkal University, Vani Vihar, Bhubaneswar-751004. (Email- udps@utkaluniversity.ac.in)

8. M. A. IN WOMEN'S STUDIES

Year of Establishment: 2000

- a) Venue: School of Women's Studies
- b) Duration: Two Years (Four Semesters)
- c) Number of Seats: 24 (Twenty four)
- d) Eligibility: +3 Degree in Arts, Science and Commerce with Honours or 50% marks in aggregate.
- e) Selection Procedure: Career- cum- University Entrance Test
- f) Course fee: Rs.15,000/- at the time of admission into the 1st year and Rs 15,000/- in the second year (excluding examination & seminar fees).
- g) Course Outline: (M.A)

Semester-I- Concept of Women's Studies, Development of feminist Thought, Women's Movements, Women in Indian Society, Computer Studies.

Semester-II- Women & Education, Women & Development, Women & Work, Elementary Research Methodology, Women & Law

Semester-III- Women and Health, Advanced Research Methodology, Women and Environment, Project Work

Semester-IV- Women and Politics, Women and Media, Dissertation, Women and Agriculture.

PhD. Coursework

Paper-I- Research in Social Sciences: Foundations & Applications

Paper-II- Writing reviews

Paper-III- Research and Publications Ethics

Paper-IV- Basis Statistics and Computer Application

- h) Contact Person: Prof. Dr. Jayanti Dora, Director, SWS,
Contact No- 9861064942
Itismita Behera, Office Asst. SWS
Contact No- 9776420898

9. M.SC. IN COMPUTER SCIENCE

Year of Establishment: 2001

- a) Duration : Two Years (Four Semesters)
b) Number of Seats : 40 (Forty)
c) Eligibility : (a) B.Sc. degree with Computer Science as a core subject or (b) B.Sc. in Information Technology and Management or (c) B.Sc. in Information Science and Telecommunication or (d) BCA. (with +2 Science only) with at least 50% marks in aggregate (45% for SC/ST candidates) in the qualifying examination.
d) Selection Procedure : Career-cum- University Entrance Test.
f) Course fee : Rs.45,000/- per year
g) Contact Person : Dr. Prafulla Kumar Behera, Course Coordinator, 8658743802 (M)

Subjects Covered:

1. **Semester:** CS-1.1 Data Structure and Algorithms, CS -1.2 Computer System Architecture, CS-1.3 Database Systems & Implementation, CS-1.4 Discrete Mathematical Structure, CS-1.5 (a) Visual Programming (or) (b) Object Oriented Design using UML, CS-1.6 Algorithms Lab, CS-1.7 Database Lab
2. **Semester:** CS-2.1 Computer Networks, CS-2.2 Advanced JAVA, CS-2.3 Operating System Design, CS-2.4 Theory of Computation, CS-2.5 (a) Data Mining (or) (b) Computer Graphics, CS-2.6 JAVA Programming Lab, CS-2.7 Operating Systems Lab
3. **Semester:** CS-3.1 Artificial Intelligence, CS-3.2 Software Engineering, CS-3.3 Compiler Design, CS-3.4 (a) Network Security (or) (b) Cloud Computing, CS-3.5 (a) Embedded System (or) (b) Mobile Computing, CS-3.6 AI Programming Lab, CS-3.7 Software Engineering Lab
4. **Semester:** CS-4.1 Comprehensive Viva, CS-4.2 Project Work and Viva Voce.

10. MASTER OF JOURNALISM & MASS COMMUNICATION (MJMC)

DEPARTMENT OF PUBLIC ADMINISTRATION

- a) Year of Establishment - 2007
b) Venue - Department of Public Administration
c) Duration - Two years (Four Semester)
d) Number of Seats - 40 (Forty)
e) Eligibility - Any Graduate (Arts/Science/Commerce) with Hons or 3yr Degree programme securing at least 50% marks in aggregate at +3 Degree level.
f) Selection Procedure - Career-cum-Entrance (30% career + 70% Entrance)
g) Course Fees - Rs.25,000/- per annum
h) Course Structure - The Course has 2000 marks covering 20 papers (Each paper carries 100 marks).
i) Contact Person- Prof. Padmalaya Mahapatra, Course Coordinator, MJMC, Department of Public Administration, Ph-9437491606(M)

11. M.A in Hindi

- | | | |
|--------------------------|---|---------------------------------|
| 1. Year of Establishment | : | 2019 |
| 2. Programmes Offered | : | M.A. (Two years) |
| 3. Student Strength | : | 32 |
| 4. Coordinator | : | Dr. Braja Sundar Mishra |
| 5. Faculty (on request) | | Prof. Smarapriya Mishra (Retd.) |
| 6. Supporting Staff | : | NIL |
| 7. Course Fee | : | 15,000 (per annum) |
| 8. Course Outline | : | M.A. (CBCS, Semester System) |

Under M.A. CBCS pattern, there shall be four Semesters having 18 papers, each having 04 credits. Hard Core papers-16, Elective papers-02 including a Dissertation.

The Course will cover the following subjects –

History of Hindi Literature, Bhaktikavya, Drama, Linguistics, Kavya Literature, Modern Hindi, Tulsī Das, Western Thoughts, Research Methodology, Translation & Communication, Journalism in Hindi, Prose, Poetry, Ancient Literature, Comparative Literature, Dissertation & Seminar Presentation.

9. Students' Facilities : Conducting Seminars, Seminar Library
Contact No. 7894437449

12. Bachelor of Education (B.Ed.) / Master of Education (M.Ed.)/ 4 Year Integrated B.A. B.Ed.

- | | | |
|--------------------------|----|--|
| 1. Year of establishment | : | 2019 |
| 2. Venue | : | University Department of Teacher Education |
| 3. Programme Offered | : | B.Ed. (Annual System) and M.Ed. (Semester System) and Integrated B.A. B.Ed. (Semester System) |
| 4. Duration | : | B.Ed. and M.Ed. programme are of two year duration and 4-Year Integrated B.A. B.Ed. is of a four year duration. |
| 5. Number of Seats | : | B.Ed.-50, M.Ed.-50 and 4 Year Integrated B.A. B.Ed.- 50 |
| 6. Eligibility | : | |
| | a. | B.Ed. Minimum 50% of marks either in the Bachelor's Degree (B.A./B.Sc.) and/or Master's Degree in Science/Social Science/Humanities. |
| | | OR |
| | | Bachelor's in Engineering and Technology with specialization in Science and Mathematics with 55% marks. |
| | b. | M.Ed.: Minimum 50% marks or equivalent grade in the following |
| | | i. B.Ed. |
| | | ii. B.A. B.Ed./B.Sc. B.Ed. |
| | | iii. B.El. Ed. |
| | | iv. D.El.Ed. with an undergraduate Degree (with 50% marks in each) |
| | c. | 4 Year Integrated B.A. B.Ed.- Candidates with at least 50% marks in the senior secondary / +2 or its equivalent. |
| | | * Relaxation of 5% marks for SEBC/ST/ST/PWD Students. |
| 7. Selection procedure | : | On merit basis, i.e., through Career and Entrance Examination. The Reservation policy of the Government of Odisha is applicable. |
| 8. Course Fee | : | For B.Ed. Rs.48,000/- per annum and for M.Ed. & Integrated B.A. B.Ed. Rs. 50,000/- per annum. Fees are to be paid at the time of admission and at the time of readmission (beginning of second year for B.Ed. Programme, third Semester for M.Ed. Programme and third, fifth & seventh semester for Integrated B.A. B.Ed.) |
| 9. Contact Person | : | Dr. Khetra Mohan Mishra, Principal, UDTE Mobile No. 9437451031(M)/ 8984025552 (O) |

13. P.G. DIPLOMA IN REMOTE SENSING AND GIS

Year of Establishment: 2000

- a) Venue: Department of Geography
- b) Duration: One Year
- c) Number of Seats: 20 (Twenty)
- d) Eligibility: Graduate preferably from Geography, Engineering, Business Management, Agriculture, Forestry, Life Sciences and Other science graduates with at least 45% marks in aggregate at graduate level are also eligible. Arts graduates with Science background at intermediate (+2) level are also eligible, with 45% marks in aggregate at graduation level.
- e) Selection Procedure: Career weightage; 25% seats are reserved for candidates coming from Govt. & Public Sector undertaking & companies.
- f) Course fee: Rs.50,000/- (Fifty thousand only)
- g) Syllabus:
 - 1. Remote Sensing & GIS
 - 2. Cartography and Mapping
 - 3. Geographical Information System
 - 4. Remote Sensing, Cartography and GIS Application
 - 5. Dissertation.
- h) Class Timing: Morning Session (7am. to 11 am.)
- i) Contact Person: Course Coordinator, Dr. Ashis Chandra Pathy
Contact No. 9861879269

SPONSORED COURSES UNDER PPP MODE

1. MBA (Agribusiness)- Two Years (Four Semesters) Full Time

- a) Year of Establishment : 2006-07
- b) Venue : Department of Business Administration
- c) Number of Seats : 72 (Seventy Two)
- d) Eligibility : Bachelor's degree in Commerce/Science/Management (BBA/BBM/BABM/BE/B.Tech/ B.Sc (Agriculture) & allied areas with minimum of 50% aggregate. Student with Agriculture and allied areas will be given preference. Degree Students those who are waiting for their result, they can also apply.
- e) Selection Procedure:
 1. Candidates shall be shortlisted on the basis of score in CAT/ CMAT/MAT/XAT/ICAR-AIEEA PG/TISSNET OR Candidates those who have not appeared the above test, will have to appear Online Written Test (UMAT), will be conducted by Cam, Utkal University.
 2. Personal Interview through Online
The final selection shall be based on entrance scores, career marks and performance in Personal Interview. Fill in the Application Form through Online at www.camutkal.ac.in
- f) How to apply:
 1. Application form to be filled in online mode: www.camutkal.ac.in
 2. Application fee Rs. 600/- to be deposited in Online mode.
 3. Last date of filling online application form is 30.06.2022.
- g) Course fees : Rs.4,00,000/- (Two years).
- h) Course Structure:

Semester-I - Organizational Behaviour, Marketing Management, Micro Economics, Accounting for Managers, Agribusiness and Value Chains, Legal aspects of Business, ICT in Agribusiness, Written Analysis and Communication , Agriculture Science and Technology, Rural Emersion Module.

Semester-II – Human Resource Management, Business Statistics and Analytics, Sales & Distribution management, Agri-Finance & Commercial Banking, Microfinance & Financial Inclusion, Agri -Input Marketing, Retail Management, Research methodology, management Analysis and Communication, Summer Internship Project.

Semester-III -Procurement & Supply Chain management, Rural Marketing, Digital Marketing & E-Business, International Agri-Food Trade, Strategic management, Seminar & Workshop, CSR Management and Rural Livelihood.

Semester-IV- Innovation & Agripreneurship, Agribusiness Marketing Model & Project Management.
- i) Scope & Opportunity: The agribusiness Management Professionals will have very good employment prospects in agribusiness organizations like:
 - Food Processing Industries
 - Agri Input Industries (Agro Chemical Industry, Seed Industry, Fertilizer Industry, Farm Equipments and Machinery Industry)
 - Private & Public Sector Banks
 - Retail Industry
 - Microfinance
 - Development Sector
 - Agri Commodity Trading and Collateral Management Industry
 - Co-operative & Agribusiness Enterprises
 - Dairy, Poultry and sea food processing Industry
 - Agri Export Oriented Industries
- j) Contact Persons: Mr. Jatindra Kumar Mishra, Course Head (Agri-Business), Dept. of Business Administration, Utkal University, Bhubaneswar .Tel.: 09902077766, E-mail ID: academic@camutkal.org, admission@camutkal.org, Website: www.camutkal.org.

2. M.Tech in Information Technology

a) **Year of Establishment** : 2010

b) **Venue** : P.G. Dept. of Statistics

c) **Duration** : Two Years (Four Semesters)

d) **Number of Seats** : 24

e) **Eligibility:**

a) Master's Degree in Information Technology / Computer Science/ Computer Applications / Statistics / Mathematics / Physics / Electronic Sciences and any other qualification considered equivalent.

b) Bachelor's Degree in Technology/ Engineering (B.Tech / B.E) and any other qualifications considered equivalent (such as AMIE or DOEACC 'B' level.

f) **Selection Procedure** : 100% Entrance Test.

g) **How to apply:** Apply online through the website www.citeutkal.com and send the hard copy along with all requisites to the Department. The downloaded Application Form is also available in the Department for offline submission.

h) **Fee Structure:** Rs. 1,50,000/- (for 2 Years) in 4 phases. 45,000/- (During Admission), 40,000/- (During 1st Semester Form Fill-up), 35,000/- (During Re-admission), 30,000/- (During 3rd Semester Form Fill-up)

i) **Course Structure:**

Semester I: MTIT 101 Mathematical Foundation of Computer Science, Advanced DBMS, MTIT 103 Advanced Computer Architecture, MTIT 104 Design and Analysis of Algorithms, MTIT 105 Statistical Methods with LAB, MTIT 106 Software Engineering, MTIT 107 Practical: ORACLE

Semester II: MTIT 201 Advanced Operating System, MTIT 202 Cryptography and Security MTIT 203 Theory of Computation, MTIT 204 Data Analytics using R, MTIT 205 Elective-1, MTIT 206 Machine Learning, MTIT 207 Practical: JAVA

Semester III: MTIT 301 IoT, MTIT 302 Cloud Computing, MTIT 303 Data Mining and Business Intelligence, MTIT 304 Elective-2, MTIT 305 Practical: PYTHON, MTIT 306 Comprehensive Viva-Voce and Thesis (Preparatory Part Evaluation)

Semester IV: MTIT 401 Thesis

Elective Papers:

Semester-II(Elective-1) Mobile Computing/ Computer Graphics & Animation/ Principles of Programming Language & Compiler Techniques.

Semester- III (Elective-2) Soft Computing/ Pattern Recognition/ Robotics

- More number of elective papers may be added later as per requirement and availability of resource persons.

Contact:

Course Director, M.Tech (IT), Dept. of Statistics, Utkal University, Vani Vihar, Bhubaneswar-751004.

Tel: 0674-2567711 (Off), Mob: 9438014469 (Off)

Mail : centreforiteducation@gmail.com / citeutkal@gmail.com

Website: www.citeutkal.com

NEW CAMPUS (RURAL), CHANDIKHOLE

1. MBA IN RURAL MANAGEMENT

- | | | |
|--------------------------|---|---|
| 1. Year of Establishment | : | 2018 |
| 2. Venue | : | New Campus (Rural), Utkal University, Chandikhole |
| 3. Programmes Offered | : | M.B.A in Rural Management |
| 4. Student Strength | : | 24 |
| 5. Course Coordinator | : | Dr. Himanshu Sekhar Rout, Reader, P.G. Dept. of A & A Economics, Utkal University, Vani Vihar, Bhubaneswar. 8895389346 (M) |
| 6. Course Fee | : | 35,000/- per year |
| 7. Eligibility | : | Bachelor's Degree under any stream with at least 50% marks in aggregate (Except AMIE) and 45% for SC/ST candidates. |
| 8. Selection procedure | : | Career (30%) cum- University Entrance Test (70%). |

9. Courses Outline : The MBA in Rural Management is two years full time regular (SFC) course based on Choice Based Credit System (CBCS) pattern. There are four semesters having 32 papers with 3200 marks. Out of the total 32 papers the 1st semester has 8 papers, 2nd semester has 8 papers, 3rd semester has 10 papers including project work (Field study and Report) and 4th semester has 6 papers including project work (Dissertation). The semester wise details of papers are given below.

Semester-I- Understanding Rural India, Economics, Principles and Practices of Management, Quantitative Techniques, Financial Accounting, Rural Livelihoods, Natural Resource Management, Basic Agriculture Science.

Semester-II- Rural Governance, Financial Management for Rural Enterprises, Rural Development Programmes and Institutions, Research Methodology, Business Communication, Rural Marketing Management, Family Kinship and Caste, Behavioural Science

Semester-III- Rural Tourism, Human Resource Management, IT Application in Rural Management, Introduction to Agribusiness management. Elective- Paper-I, Paper –II Elective- paper-I, Paper- II, Field Study, Project Work Report

Semester-IV** – Rural Entrepreneurship, Project Planning for Rural Management.

Elective-1- Paper-III Elective-2- Paper-III & Dissertation **Electives Group 1 (Rural Marketing and Agree Business Management):** Rural Procurement Management and Retailing, Consumer Behaviour, Sales and Distribution Management, Supply Chain Management. **Electives Group 2 (Development Studies):** Gender and Society, Rural Margin and Empowerment, Development Strategies and voluntarism, Technology and social Transformation. **Electives Group 3 (Rural Finance):** Microfinance Management, Rural Banking and Insurance, Agriculture Finance, Commodity Markets and Derivatives.

* In 3rd semester two papers each from any two elective groups be chosen by the candidate

** In 4th semester one paper each from the two groups (earlier not chosen in the 3rd semester) be chosen by the candidates.

2. MASTER OF PUBLIC HEALTH

- | | | |
|--------------------------|---|--|
| 1. Year of Establishment | : | 2019 |
| 2. Venue | : | New Campus (Rural), Chandikhole |
| 3. Programmes Offered | : | Public Health |
| 4. Student Strength | : | 24 |
| 5. Course Coordinator | : | Dr. K.C Satapathy, Associate Professor, Dept. of Anthropology, Utkal University, Vani Vihar, Bhubaneswar. 9437984045 (M) |
| 6. Course Fee | : | 35,000/- per year |
| 7. Eligibility | : | Graduates in Medicine / AYUSH / Dentistry / Veterinary Sciences / Allied and Health Sciences/ Life Sciences/Statistics/ Biostatistics /Demography/Population Studies/ Nutrition/ Sociology/Psychology/Anthropology/ Social Work/ Any Graduate with at least 50% marks in aggregate and 45% for SC/ST candidates. |
| 8. Selection procedure | : | Career (30%) cum- University Entrance Test (70%). |

9. Course Outline: The Master of Public Health is two years full time regular (SFC) course based on Choice Based Credit System (CBCS) pattern, There are four semesters. First 3 semesters have four papers having 1200 marks each. Semester IV contents only dissertation having 1000 marks. The semester wise details of papers are given below.

Semester-I- Principles & Practice of Public Health, Epidemiology, Demography & Population Science, Health system & policy, Social & Behavioural Sciences in Health, biostatistics.

Semester-II- Research Methods & Ethics, Public Health Nutrition, Environmental & occupational Health, Health Economics & Health care Financing, Health Management Principles & Practice, Community exposure posting.

Semester-III- Maternal & Child Health, National Health Programms.

Elective Subjects: Health systems policy & management, Tribal Health & Vulnerable population, Advanced Epidemiology & Biostatistics, Advanced Environmental & occupational Health, Health Communication & Promotion, Public Health Entomology

Semester-IV- Dissertation

3. MASTER OF SOCIAL WORK

| | | |
|--------------------------|---|--|
| 1. Year of Establishment | : | 2019 |
| 2. Venue | : | New Campus (Rural), Chandikhole |
| 3. Student Strength | : | 24 |
| 4. Course Coordinator | : | Dr. Rabindra Garada, Head, Dept. of Sociology, Utkal University, Vani Vihar, Bhubaneswar- 9437517126 (M) |
| 5. Faculty | : | |
| 6. Course Fee | : | 35,000/- per year |
| 7. Eligibility | : | Bachelor's Degree under any stream with at least 50% marks in aggregate and 45% for SC/ST Candidates. |
| 8. Selection procedure | : | Career(30%) + Entrance (70%) |

Tentative Course Details

Course Outline: The Master of Social Work is two years full time regular (SFC) course based on choice based credit system(CBCS) pattern. There are four semester having 26 paper with 2500 mark.

Objectives of the course:

- To understand the origin, genesis and philosophy of social work.
- To develop clarity on issues and learn about intervention programmes.
- To study different communities and groups, and issues related them.
- To examine different State and non-state intervention programmes.

Course Structure:

First Semester(Total Mark-600): SWFC-1 Foundations of Social Work: History, Philosophy and Values of Social Work SWFC-02: Social Science Concepts I: Social Structure, Social Institutions and Social Change SWFC-03: Social Science Concepts II: Introduction to Political Economy SWFC-04: Social Science Concepts III: Psychology for Social Work SWFC-05: Working with Individuals and Groups SWFC-06: Orientation Programme and Observation Visits, Method Workshops, Seminars, Concurrent Field Work

Second Semester (Total Mark-600): SWCP-01: Community Work , Social Action and Social Change SWCP-02: Social Mobilization, Social Movements and Social Transformation SWCP-03: Social Policy Analysis SWCP-04: Development approach in Social Work Practice SWCP-05: Gender in Social Work Practice SWCP-06: Concurrent Field Work + Rural Camp

Third Semester (Total Mark-650): SWCP-07: Social Work Research Methods SWCP-08: Social Work Practice with SC, ST, OBC & Minorities SWCP-09: Human Rights Approach to Social Work Practice SWCP-10: Climate Change and DRR Approach to Social Work Practice SWCP-11: Agrarian Social Work SWEP-02: Counseling Skills in Social Work SWCP-12: Concurrent Field Work + Project Work

Fourth Semester (Total Mark-650): SWCP-13: Development Communication Workshops SWCP-14: Social Welfare Management Workshops SWCP-15: Management of Community Based Organizations Workshops SWCP-16: Dissertation: Research Project SWCP-17: Preventive and Community Health SWEP-08: Substance Abuse Prevention and Rehabilitation of Persons with Addictions SWCP-18: Concurrent Field Work+ Block Placement

7. UNIVERSITY LIBRARY: PARIJA LIBRARY KNOWLEDGE RESOURCE CENTRE

The Utkal University Library was established in 1943. Later the library was named as "Parija Library" in the memory of late Dr. Pranakrishna Parija, first Vice-Chancellor of the Utkal University and a renowned scientist of international repute. Now it is named as Parija Library Knowledge Resource Centre. As per rules laid down in the statutes of the university the Library Committee was constituted to deal with general administration of the library and frame relevant rules subject to approval of the authorities of the university. However, the day-to-day administration and management of the library is to be looked after by the Chief Librarian under the overall supervision of Professor-in-Charge as stipulated by the Academic Council.

Professor-in-charge of Parija Library

Prof.(Mrs.) Bhaswati Pattanaik

Chief Librarian (I/C)

Dr. Rabindra Garada

A. Administration

The Library has following sections.

1. Acquisition Section
2. Technical Section
3. Periodical Section:
 - (a) Current Periodicals - (8 A.M. to 9.30 P.M.)
 - (b) Back Volumes - (10.00 A.M. to 5 P.M. with Lunch Hour 1.30 P.M. to 2 P.M.)
4. Circulation Section: (10.00 A.M. to 5 P.M. with Lunch Hour 1.30 P.M. to 2 P.M.)
5. Reference Section: (10.00 A.M. to 5 P.M. with Lunch Hour 1.30 P.M. to 2 P.M.)
(Functions on all days of the year except Sundays and holidays)
6. Documentation Section
7. Administrative Section
8. Manuscript Section
9. Text Book Section (Function from 8 A.M. to 9.30 P.M.) on all days of week and from 10 A.M. to 4.30 P.M. on Holidays)
10. General Reading Room
11. E-Resources (8 A.M. to 9.30 P.M.)
12. Visually Challenged Reading Room
13. Research Scholar Room

b. Facilities

The Library is housed in its own building inside the campus. The Library also serves all types of readers. They can borrow books/journals and get photocopies of non-loanable articles and journals from national and other libraries on Inter-Library loan basis.

It has a private photo copying machine. It functions on every working day from 1P.M. to 4 P.M. The charge of each photocopy is Re.0.50p. Steps have been taken for computerization of the library.

C. Parija Library Fund

Parija Library Fund has been created by the Syndicate on 18-05-91 in accordance with Rules framed by the Academic Council under Section 10(3) (m) of the University Act, 1989 and Statute

21 (5) of the Orissa University First Statutes, 1990. The Library Development Fee collected from each student at the time of admission is to be deposited in this fund.

The possible sources of receipt of "Parija Library Development Fund" are as follows:

- a) Library Development fees of Rs.100/- from each regular student collected at the time of admission.
- b) For students of Sponsored Courses the library development fee is
 - i.) Rs.100/- for 1 year course
 - ii) Rs.500/- for 2/3 years programme
 - iii) Rs.750/- for 5 years programme
- c) Overdue charges collected from borrowers.
- d) Donations (if any).
- e) Consultation card fees of Rs.750/- for Utkal University Research Scholar and Rs.1000/- from other Universities students.

D. Working Hours

The library remains open from 8 A.M. to 9.30 P.M. on all working days, except second Saturdays and Sundays. On all Saturdays, Sundays and other holidays (excluding three national holidays, On all Saturdays, Sundays the library kept opened from 10 A.M. to 5 P.M.

E. Rules for use of the Library

1. (a) Books may be taken out on loan by :
 - i) Teachers, students, officers and other employees of the university and members of authorities of the university.
 - ii) Any member of the public on the recommendation of the Vice-Chancellor with a guarantor from among the confirmed employees of the University and on deposit, of Rs.500/- as non-refundable caution money. But books cannot be issued to his/her favour.
 - iii) Other universities, learned societies, and public libraries on term of reciprocity and with the approval of the Library Committee.
- b) Research scholars may be allowed on payment of a non- refundable caution money of Rs. 500/- (annually), to refer to books/journals in Library but they cannot be issued books/journals.

2. The following table gives the classes of members and their respective privileges:

| Class of Members | No. of Volume to be issued a time | Loan Period | Caution Money to be deposited |
|--|--|--------------------|--------------------------------------|
| 1 | 2 | 3 | 4 |
| (a) Vice-Chancellor, Teaching Staff: Permanent or Temporary i.e., Professor / Reader/ Lecturer. | 15 | 1 Months | Nil |
| (b) Research Assistant | 5 | 1 Months | Nil |
| (c) Chief Librarian/ Assistant Librarian. | 10 | 1 Months | Nil |
| ADMINISTRATIVE STAFF: | | | |
| (i) Officers | 5 | 1 Months | Nil |
| (ii) Ministerial Staff /Technical Asst./ Junior Technical Asst./Attainders and all others declared as Class III staff. | 2 | 1 Month | Nil |
| (iii) Class IV Staff | 1 | 1 Month | Nil |
| (d) Members of the University Authorities | 2 | 1 Month | Rs.25/- |
| (e) Students: | | | |
| (i) Teacher Fellow/ Research Fellow | 5 | 1 Months | Rs.100/- |
| (ii) P.G. Students | 4 | 1 Month | Rs.50/- |
| (f) Any other Member | 2 | 1 Month | Rs.500/- |

(The Class III and IV staff of the university can be enrolled as members after completion of one year of service in the University)

3. Membership

- i. Every employee of the university and the authorities of the university shall be members of the Parija Library.
- ii. Post-graduate students will be enrolled as members of the Library on the basis of the certificate of admission forwarded by the respective Heads of Departments. No borrower's card will be supplied to a student member unless the student produces the Identity Card and a passport-size Photograph.
- iii. Every member shall be given a borrower's card which in case of student members will contain a passport-size photograph of the concerned student.
- iv. Borrower's Cards are not transferable.
- v. If a member loses his/her borrower's card he/she should immediately report this to the Chief Librarian in writing and a duplicate borrower's card will be issued to him on payment of a fee Rs.20/- and on submission of passport size photograph (in case of student members only).
- vi. No student will be admitted to any University examination unless he/she obtains a "No Dues" certificate from the Chief Librarian and no student shall be given a transfer certificate without producing Library Clearance.
- vii. To terminate his membership, a member shall return to the Library all the books borrowed by him/her along with his/her borrower's card to the Chief Librarian who will then give him/her a certificate of "No Dues".
- viii. The University shall not settle the accounts of a member, (who does not pay any caution money) without the production of a "No Dues" certificate from the Chief Librarian.
- ix. Books borrowed by the members are not transferable.
- x. Members shall appear in person to take books on loan.
- xi. If the date of due return of a book taken on loan falls on a holiday of the university, the book shall be returned on the next working day except that in the case of Summer Vacation, Puja,

Winter Holidays, it shall be refunded on the 1st working day after the vacation or holidays as the case may be.

- xii. Manuscripts, periodicals, dictionaries, books in reference section, rare books which might be difficult to replace and such other works as may be declared as not to be taken out of the Library by Chief Librarian/ Librarian shall not be lent out.
- xiii. Books which are temporarily in great demand may be lent for shorter period as may be prescribed by the Chief Librarian/Librarian or may ,if not be lent out at all.
- xiv. No journal or back volume can be issued to any borrower or to any department.
- xv. Any book on loan may be recalled by the Chief Librarian/Librarian at any time and shall become due on the day filed by the Chief Librarian / Librarian.
- xvi. The borrower at the time of issuing of the Book(s) is required to go through the pages of the book(s) and give an undertaking in an undertaking slip that he would either replace the book(s) or give ten times of purchase price of the book along with 10% of the purchase price as processing charge.
- xvii. If a book is not returned to the Library when due, an overdue charge of 10p. per volume per day shall be levied and no further books shall be issued until the overdue books are returned.

4. Fine in case of Loss of Books by the Borrower

- i. If a book borrowed is lost then he/she shall inform the Chief-Librarian in writing immediately and is required to replace the book or if the book is not available the borrower is required to pay ten times of the purchase price of the book, in case of Indian Publication and one time Indian conversion price in case of Foreign Edition Books + 10% as service charge against the cost so fixed.
- ii. A borrower shall be responsible for all books issued on his/her card.
- iii. Books in Text Book Section of the Library will be borrowed by a reader on submission of library card and in case of students on submission of identity card and cannot be taken outside the Library. The borrower has to give an undertaking slip (to be named as call slip) for remaining responsible for any damage or tearing of the book. In case of damage and tearing of the book the matter is to be reported to Prof.-in-charge to take necessary action.

5. General Rules

- i. A student shall produce his/her identity card whenever demanded in the Library.
- ii. Any infringement of the rules will render the privilege of admission to the Library and borrowing of books from the Library liable to forfeiture. Any other penalty may be imposed by the Vice-Chancellor on a person who violates the rules as laid down.
- iii. Sticks, umbrellas, handbags, boxes and other receptacles, personal books and such other articles as are prohibited by the Library shall be left in the property counter.
- iv. No person shall disfigure, damage or make any mark upon any book manuscript or map or any other material belonging to the Library.
- v. No tracing or mechanical reproduction shall be made without express permission from the Chief Librarian/Librarian.
- vi. Readers shall be responsible for any damage done to the books or other property belonging to the Library and shall not only be liable for a fine but also be required to replace such books or other property damaged or bear the cost as per rules provided that the cost will not apply in case of the loss of one volume of a set.
- vii. Before leaving the Library the reader shall return to the counter personnel any book, manuscript, or maps, which he/she had taken for consultation. Anyone infringing the rule shall be liable for penalty as decided by the Chief Librarian or library committee if necessary.
- viii. Readers should be courteous to the Librarian and his staff when they are inside the Library, Likewise, cases of incivility or other failure in the service on the part of the Librarian and his staff should be reported immediately to the Professor- in-Charge.
- ix. The Library Committee may disallow an application for privilege of loan of books without assigning any reason thereof.
- x. The Library Committee may grant a special loan on such conditions as it may prescribe.

- xi. At present the Research Scholars submit copy of their thesis in the physical form for preservation in the Parija Library. AT present the Parija Library is going to be automated very soon. A rule may be introduced for the Research Scholars to provide soft copy of the thesis in CD form along with the hard copy of their thesis for preservation in the Parija Library.

6. Inter-Library Loan

- i. The inter library loan facilities may be granted to the libraries of other universities, learned bodies, government departments and public liberation terms of reciprocity to be approved by the Library Committee.
- ii. The transit charges both ways shall be borne by borrowing Library.

8. POST-GRADUATE HOSTELS

At present, there are twelve hostels inside the campus, six for gents and six for ladies.

1. GENERAL INFORMATION ON HOSTEL ADMISSION

The following rules are applicable for admission to the hostels:

- (a) Hostel seat shall not be claimed as a matter of right as limited seats are available for students at different hostels.
- (b) Hostels seats will be provided on merit-cum-distance basis as per quota fixed for different departments.
- (c) Quota for each Department will be fixed taking into account the number of hostel seats available and students strength of the Department for ladies and gents students separately.
- (d) The Warden, depending on the vacancies, will allot hostel seats to each P.G. Department as per rules.
- (e) No individual reservation will be entertained at the time of room allotment as all vacant rooms will be allotted on the basis of lottery by the respective Superintendents.
- (f) The Heads of the P.G. Departments are to send lists with names in order of priority for admission in the hostels as per the guidelines and rules framed by Post-Graduate Council.
- (g) The selected students shall have to submit the Xerox copy of Aadhar Card and an undertaking in the format given in the hostel admission form at the time of hostel admission. The students are to be accompanied either by parents/ bonafide local guardian during the time of hostel admission.
- (h) Boarders are required to update their own as well as contact numbers of their parents/ local guardian contact number regularly.
- (i) All hostel dues are payable at the time of admission as per Information Bulletin.

1.1 HOSTEL ADMISSION FOR INTEGRATED/ SPONSORED COURSE STUDENTS

- a) Students of integrated / Self financing course cannot claim admission in any of the P.G. Hostels. Normally they will be allotted hostel seats in Gents hostel VI / Ladies hostel V. Seats may be allotted to students of Self financing P.G. courses in P.G. Hostels subject to availability.
- b) Integrated Law students are not allowed to take admission in the Hostels inside the campus.
- c) No hostel seat shall be provided to the students of the constituent Colleges and Distance Education system.

1.2 GENERAL INFORMATION ON HOSTEL PAYMENT

- (a) All hostel dues are payable at the time of admission / re-admission at the respective office of hostels for a period of one academic year. Additional charges, if any, incurred during stay must be paid at the time of taking clearance from the hostel.
- (b) All types of financial transactions shall be made in the form of Bankers Cheque / Bank Draft in favour of the Superintendent (all hostel dues) and Asst. Superintendent (For mess establishment, mess caution money and mess advance).
- (c) Once the admission is taken in the hostels, no fee will be returned except the caution money.

1.3 IMPORTANT HOSTEL RULES

- (a) During the study hours (7 P.M. to 9 P.M.) boarders are expected to be in their rooms. Gates of Ladies Hostel shall be closed at **7.00 P.M. and Gents Hostel by 10 P.M.** During any special celebrations such as Odisha Divas, Departments Annual Day, Seminar, Nuakhai Bhetghat, Ambedkar's Day etc., the ladies hostel will remain open up to **8.30 P.M.** The organizer of concerned programme is responsible for late entry in the hostels.
- (b) Boarders should obtain the prior permission from the Warden by applying through the concerned Superintendents before joining any non-academic association/ society outside the University Campus.
- (c) Holding of meetings or circulation of notices and other papers in the hostels shall be done only with the prior permission of the Superintendent.

- (d) The management of the hostels rests with the concerned Superintendent. Only one fresher Day / Annual Day is to be celebrated inside the premise of the concerned hostel.
- (e) Boarder Certificates will be issued by Superintendents, if necessary, subject to clearance of all outstanding dues by the boarders.
- (f) The working hours of the hostel offices will be between 7.00 P.M. to 09.00 P.M. during April-October and between 6.30 P.M. to 8.30 P.M. during November- March unless otherwise notified by the Superintendent.
- (h) Students may be fined, reprimanded and even expelled from the hostel for misconduct after giving prior warning to the boarders and their parents. Advisor students union, DSW, Warden and the Chairman, P.G. Council for necessary action.
- (i) In case of loss of identity card the duplicates will issued by the Superintendent on payment of Rs. 50/-.
- (j) Vehicles of boarders are not allowed inside the hostel campus. It is the sole responsibility of the boarders to keep their vehicles, bicycles, mobiles, laptop, desktop, ornaments, watches, wallet and any other personal belongings in their safe custody. The hostel authorities will not be held responsible for the loss / damage of any personal property.
- (k) Boarders are required to vacate the hostels during Summer Vacation.
- (l) No Interchange of hostel shall be allowed after admission is over.
- (m) Once the admission is taken in the respective hostels, no fee will be returned except caution money.
- (n) The Superintendent shall maintain a confidential conduct register in which names of the boarders will be entered. No financial help / assistance can be given to the boarders from the hostel fund towards the medical purpose.
- (o) In case of medical emergency the parents must be informed duly by the concerned Superintendent / Asst Superintendent as per the office Admission record. The case will be referred to the Resident Doctor of the University before going to any other outside hospital.
- (p) During hostel admission all the boarders of Ladies / Gents Hostel must produce the address and consent of a bonafide local guardian who is to be contacted at the time of emergency related to their wards in the Hostel. Time to time they need to inform their changed mobile Nos. as well as address. Adhar Cards/Identity Cards of local guardians are essential.
- (q) Hostels will remain closed in all vacations. After Summer Vacation / Puja vacation hostel will be re-opened one day before reopening of the Department.
- (r) After completion of final Semester examinations, the boarders of the Hostels are required to vacate the hostels, take their clearance from the concerned Hostel Superintendent, and submit it to the their concerned Heads of the department without which the results will be withheld.
- (s) No boarder is allowed to go outside for any academic and non academic activities such as (attending coaching, Tuition, recording at studios and any other ceremonial activities) after hostel closing time.
- (t) Students having chronic diseases or illness are not allowed to take admission in the hostel. If any such report is traced his / her hostel during the course of stay after admission seat is fortified.

1.4 IMPORTANT RULES OF BREACH OF DISCIPLINE

- i. Absence from the hostel without permission.
- ii. Misbehaviour towards authorities, employees and the mess of the hostel.
- iii. Tampering with or damage of electrical fittings.
- iv. Use of heaters or other electrical appliances.
- v. Cooking inside rooms.
- vi. Taking meals in the hostel mess without payment.
- vii. Singing, or playing on musical instruments or listening to wireless sets during study hours, disturbing others.
- viii. Writing on, or (in any other way) doors and windows of the buildings disfiguring or damaging walls.

- ix. Holding of any meeting in the hostel except with the approval of the Superintendent.
- x. Taking alcoholic drinks / or other intoxicants and drugs inside the hostel or staying in the hostel in an intoxicated and drugged condition.
- xi. Shouting and otherwise creating disturbances.
- xii. Misconduct of any other kind.
- xiii. Unauthorized removal of hostel properties, i.e., furniture, lights, etc. to their rooms.
- xiv. Damage of hostel properties in any manners.
- xv. Allowing guests to stay in the room without obtaining prior written permission of the Superintendent. The guests can stay in the hostel for a maximum period of six days in a month on payment of Rs. 30/- per day.
- xvi. Subletting rooms to others.
- xvii. Allowing friends and others to use one's room in his/her absence.
- xviii. Entry of lady guests/ visitors into the gent's hostel is strictly prohibited.

1.5 RULES ABOUT HOSTEL MESS

- i. All hostels have mess of their own where dining is compulsory for boarders as per the norms.
- ii. Use of heaters and other electric appliances are not permitted inside the hostel. If reported disciplinary proceedings (include fine) will be initiated.
- iii. No individual choice shall be entertained relating to menu of food except for academic assignments.
- iv. Boarders who will remain absent from hostels for departmental study tour/ project work / Seminars/ workshops. Annual Day/ other Department celebrations have to take prior permission from the superintendent by producing a certificate from the concerned Head. During these period of absence mess rebate will be given by the Superintendent / Asst. Superintendent of the concerned hostel.
- v. The mess is to be run by a mess committee under the supervision & control of the Superintendent. The day-to-day management of the mess will be looked after by the Asst. Superintendent, 5 representatives of the students & 2 nominees of the superintendent.
- vi. All the mess dues of the previous month are to be paid by the 7th of current month failing which their meals will be stopped forth with. Late payment of dues after 7th will be charged at Rs. 5/- per day.

1.6 FEE STRUCTURE FOR P.G. HOSTELS (GH-I,II,III,IV, LH-I, LH-II, LH-III, LH-VII)

| Sl. No | Category | Seat Rent | Electricity | Water | Total |
|--------|--|------------------------|-------------|------------|-----------------|
| 1 | a) Single Occupancy | Rs. 240 PA | Rs. 600 PA | Rs. 240 PA | Rs. 1080 |
| | b) Joint Occupancy | Rs. 120 PA | Rs. 360 PA | Rs. 240 PA | Rs. 720 |
| 2 | a) Admission Fee | | | | Rs. 200 |
| | b) Establishment Charges | i) Single Occupancy PA | | | Rs. 600 |
| | | ii) Joint Occupancy PA | | | Rs. 550 |
| 3 | Hostel Development Fee | ANNUAL | | | Rs. 600 |
| 4 | Identity Card Charges | 2 YEARS | | | Rs. 40 |
| 5 | Common Room Fee | ANNUAL | | | Rs. 120 |
| 6 | Newspaper and Magazine fee | ANNUAL | | | Rs. 60 |
| 7 | Hostel Caution Money (Refundable after deduction of general breakage- Rs 50) | ANNUAL | | | Rs. 200 |
| 8 | Miscellaneous | ANNUAL | | | Rs. 500 |
| | | | | | Rs. 4670 |
| | MESS | | | | |

| | | | | | |
|----|---|---------|--|--|-----------------|
| 9 | Mess Establishment Charges | ANNUAL | | | Rs. 500 |
| 10 | Mess Caution money (Refundable after deduction for breakage Rs-50) | 2 YEARS | | | Rs. 400 |
| 11 | Mess Advance (advance for one month which will be adjusted at the time of room surrender) | ANNUAL | | | Rs. 2000 |
| | | | | | Rs. 2900 |

1.7 FEE STRUCTURE FOR M.PHIL & PH.D STUDENTS

| Sl. No | Category | Seat Rent | Electricity | Water | Total |
|--------|---|------------|-------------|------------|-----------------|
| 1. | a) Single Occupancy/ b) Joint Occupancy | Rs. 120 PA | Rs. 720 PA | Rs. 240 PA | Rs. 1080 |
| 2. | a) Admission Fee | ANNUAL | | | Rs. 500 |
| | b) Establishment Charges | ANNUAL | | | Rs. 2400 |
| 3 | Hostel Development Fee (Non refundable) | ANNUAL | | | Rs. 2000 |
| 4 | Identity Card Charges | 2 Years | | | Rs. 40 |
| 5 | Common Room Fee | ANNUAL | | | Rs. 350 |
| 6 | Newspaper and Magazine fee | ANNUAL | | | Rs. 250 |
| 7 | Hostel Caution Money (Refundable after deduction of general breakage – Rs 50) | 2 Years | | | Rs. 500 |
| 8 | Miscellaneous | ANNUAL | | | Rs. 400 |
| | | | | | Rs. 7520 |
| | MESS | | | | |
| 9 | Mess Establishment Charges | ANNUAL | | | Rs. 1000 |
| 10 | Mess Caution money (Refundable after deduction for breakage Rs-50) | 2 YEARS | | | Rs. 400 |
| 11 | Mess Advance (advance for one month which will be adjusted at the time of room surrender) | ANNUAL | | | Rs. 1380 |
| | | | | | Rs. 2780 |

1.8 SELF FINANCING HOSTEL FEES STRUCTURE FOR GENTS HOSTEL NO.6 AND LADIES HOSTEL NO.5

| Sl. No | Category | Seat Rent | Electricity | Water | Total |
|--------|--|----------------------|-------------|------------|----------|
| 1. | a) Single Occupancy/ b) Joint Occupancy | Rs. 240 PA | Rs.1800 PA | Rs. 360 PA | Rs. 2400 |
| 2. | a) Admission Fee | ANNUAL | | | Rs. 700 |
| | b) Establishment Charges | ANNUAL | | | Rs. 1500 |
| 3 | Hostel Development Fee (Non refundable) | ANNUAL Rs 1000 for 5 | | | Rs. 5000 |

| | | | | | |
|----|---|--------------|--|--|------------------|
| | | years | | | |
| 4 | Identity Card Charges | Year | | | Rs. 40 |
| 5 | Common Room Fee | ANNUAL | | | Rs. 200 |
| 6 | Newspaper and Magazine fee | ANNUAL | | | Rs. 60 |
| 7 | Hostel Caution Money (Refundable after deduction of general breakage – Rs 50) | 2 /3/5 Years | | | Rs. 1000 |
| 8 | Miscellaneous | ANNUAL | | | Rs. 500 |
| | | | | | Rs. 11400 |
| | MESS | | | | |
| 9 | Mess Establishment Charges | ANNUAL | | | Rs. 700 |
| 10 | Mess Caution money (Refundable after deduction for breakage Rs-50) | 2/3/5 YEARS | | | Rs. 1000 |
| 11 | Mess Advance (advance for one month which will be adjusted at the time of room surrender) | ANNUAL | | | Rs. 2000 |
| | | | | | Rs. 3700 |

1.9 FEES STRUCTURE FOR HOSTEL ADMISSION OF POST DOCTORAL FELLOWS (PDFs) AND INTERNATIONAL STUDENTS IN GENTS HOSTEL NO.7 AND LADIES HOSTEL NO.7

| Sl. No | Category | Seat Rent | Electricity | Water | Total |
|--------|------------------|---|-----------------------|-----------------------|------------------------|
| 1. | Single Occupancy | Rs. 32,000/- per Annum | Rs. 6,000/- per Annum | Rs. 4,000/- per Annum | Rs. 42,000/- per Annum |
| | MESS | | | | |
| 2. | Mess Charges | As per actual to be decided by concerned Hostel | | | |

NB: Each boarder will submit the mess clearance at the respective Department during the each semester for filling up form for examination and room surrender certificate at the end of academic year i.e. on or before 31st May.

During readmission all charges will be paid for 1 year except caution money & charges. Procedure of readmission is to be followed at the respective hostel by the Superintendent as per fee structure of Information Bulletin.

New rules supersede the previous rules of information bulletin.

Note:

5. Tuition fee, hostel seat rent, electricity and water charges are exempted for the disabled category students.
6. Tuition fee and other related fees (other than mess fees) will be exempted for the following category of students:
 - (a) Blind students who use Braille for studies,
 - (b) Hearing impaired and dumb students and
 - (c) Orthopedically handicapped students with disability more than 75%. This is per letter No.27546/IHE-N-30/09/HE, dated 14 September 2009 of Government of Odisha.

9. SCHOLARSHIPS AND OTHER FINANCIAL AIDS

A. There are three types of grants available for the students of the Post-Graduate Teaching Departments; namely, Free Studentship, grants from the Social Service Guild and grants from the Students Aid Fund.

Free Studentship

Free-studentship to the extent of 12.5% of the total strength of the rolls of the Institution are available in the form of exemption from payment of full tuition fees and half tuition fees. The Chairman of the Post- Graduate Council invites applications from students other than Scheduled Caste and Scheduled Tribe students on a prescribed form available in the Central Office usually after the admissions are over. The applications are to be supplied to the Heads of the concerned Departments who send their recommendations to the Chairman with a list of students of their respective departments arranged in order of preference for full free-studentship or half free studentship marked against the names of the students. Applicants may be required to appear at an interview before the concerned Head of Department for the purpose. Merit and poverty are the criteria for the award of free studentship. The Chairman, Post-Graduate Council announces the award of Free Studentships on the recommendations of the respective Heads of Departments.

Grants from the Social Service Guild

Grants from the Social Service Guild are given in the form of a lump-sum amount. Applications are invited for the purpose by the Chairman, Post-Graduate Council from the students of all departments. The prescribed form of application is available in the Central Office. The applications are to be submitted to the respective Heads of Post- Graduate Teaching Departments. The Scheduled Caste and Scheduled Tribe students are not eligible for this aid.

Each student of the university has to pay a sum of Rs. 7 .00 to the Social Service Guild Fund. The University gives a matching grant equal to the total amount collected from the students. The whole amount is distributed among the different departments on the basis of the strength of students in each department. The amount thus available for each department is communicated to the Head of the respective department who makes his recommendations stating the amount of aid to be given to the students of his department.

Other Grants

Each student pays Rs.2.00 to the Student's Aid Fund once a year. The University Grants Commission pays a matching grant equal to the amount collected from the students for this purpose. On receipt of the grant from the University Grants Commission, a Committee specially constituted for the purpose of sanctioning necessary aids to the deserving applicants.

B. Scholarships

The students of the Post-Graduate Departments at Vani Vihar are eligible for the award of the following Scholarships.

1. National Scholarships

The National Scholarships are awarded every year by the Government of India through the Director of Higher Education (H.E), Orissa on the results of B.A., B.Sc., B.Com., B.Ed. and LL.B. Examination Pass and Honours both.

2. Post-Graduate Merit Scholarship (Medhabruti)

The Post-Graduate Merit-Scholarships are awarded by the Director of Higher Education, Orissa on the result of the Annual B.A., B.Sc. and B.Com. Examinations.

3. The Post-Matric Scholarship (Prerana)

The Post-Matric Scholarship is awarded to SC & ST students of Post-Graduate classes every year by SC & ST Development Department, Govt. of Orissa.

4. Gopabandhu Sikhya Sahayata Yojana

Gopabandhu Sikhya Sahayata Yojana is State scheme to extend financial assistance @Rs. 20,000/- per annum to the students of underprivileged sections (i.e) a) HIV/AIDS affected parents; b) Households without shelter; c) Destitute/ living on aims; d) Manual Scavengers; e) Particularly Vulnerable Tribal Groups; f) Legally released bonded labourers and Single mpther family) for

pursuing Graduation and Post-Graduation in General and Technical/Professional courses in the State of Odisha.

5. Vayasakabi Fakir Mohan Bhasabruti Scholarship

The Vayasakabi Fakir Mohan Bhasabruti Scholarship is only applying for the Odia Honours students those who has passed +3 Arts with odia on Honours subject with 60% or above marks in aggregate in odia subject conducted by state universities.

C. Fellowship

| <u>Sl. No.</u> | <u>Name of Fellowships</u> | <u>Funding Agency</u> | <u>Amount</u> |
|----------------|--|---|--|
| 1. | U.G.C. Junior Research Fellow: JRF & SRF for M.Phil. & PH.D. Scholarship | University Commission | Grants Rs.25,000/- (JRF) Plus 20% House Rent plus contingency Rs.10,000/- per annum. Rs.28,000/- (SRF) plus 20% House Rent plus contingency plus Rs.20,500/- per annum. |
| 2. | U.G.C. JRF & SRF Rajiv Gandhi National Fellowship (RGNF)/ National fellowship for SC & ST Scholar pursuing M.Phil. & Ph.D. Courses | University Commission | Grants Rs.25,000/- (JRF) Plus 20% House Rent plus contingency Rs.10,000/- per annum. Rs.28,000/- (SRF) plus 20% House Rent plus contingency plus Rs.20,500/- per annum. |
| 3. | DST Inspire Fellowship | Dept. of Sc. & Tech. Govt. of India | Rs.25,000/- plus 16% HRA Rs.20,000/- per annum |
| 4. | Indian Council of Historical Research (ICHR) (for History & AIHCA students) | Ministry of Human Resource Department, Govt. of India | Rs.16,000/- plus contingency Rs.15,000/- per annum. |
| 5. | Council for Scientific & Industrial Research (CSIR) | Ministry of Human Resource Department, Govt. of India | Rs.25,000/- (JRF) plus 20% House Rent Rs.28,000/- (SRF) plus 20% House Rent plus contingency Rs.20,000/- per annum. |
| 6. | Indian Council of Social Science Research (ICSSR) Doctoral Fellow (for Arts Department) | ICSSR | Rs.16,000/- per month Rs.15,000/- Contingency per annum. |
| 7. | Biju Pattnaik Research Fellowship to pursue Biotechnology | DST, Govt. of Odisha | Rs.16,000/- per month Rs.25,000/- Contingency per annum. |
| 8. | Moulana Azad National fellowship | U.G.C. | Rs.25,000/- per month plus (JRF) 20% House Rent plus contingency Rs.10,000/- per annum. Rs.28,000/- (SRF) plus 20% House Rent plus contingency. plus Rs.20,500/- per annum. |
| 9. | Basic Science Research Fellowship (BSR) | U.G.C. | Rs.21,700/- per month plus 20% House Rent plus contingency Rs.7,500/- per annum. |

Scholarships:

| Sl. No. | Name of Scholarship | Funding Agency | Amount |
|----------------|---|---|---|
| 1. | P.G. Merit Scholarship | University Commission | Grants Rs.3,100/- per month (10 months in a year) |
| 2. | Indira Gandhi Single Girl Child Scholarship (Minimum 50% in Graduation Level) | University Commission | Grants Rs.3,100/- per month (10 months in a year) |
| 3. | Prerana Scholarship | Ministry of SC & ST Dev. Dept., Govt. of Odisha | Differs from subject to subject (to be decided by the Govt. of Odisha) |
| 4. | Medhabruti Scholarship | Ministry of SC & ST Dev. Dept., Govt. of Odisha | To be decided by the Govt. of Odisha from time to time |
| 5. | Inspire Scholarship (if availed during +3 level) | Ministry of Sc. & Tech., Govt. of India | Rs.80,000/- (per annum) Out of which Rs.20,000/- per year shall be utilized for expenses towards your attachment with other research/academic institutions within India |
| 6. | Scholarship for Meritorious students Pursuing Biotechnology/Mech. Biotechnology | Science & Tech. Dept. Govt. of Odisha | Rs.15,806/- per year |
| 7. | ONGC 1 st Rank Holders of Geology | ONGC Academy, Dehradun | Rs.60,000/- |

D. Students' Welfare Fund

This fund is created out of a part of the annual fee paid by each student as the fee (Rs.201- per annum) for Students' Welfare Fund from the academic session 2000-2001. 1% of the Sale-proceeds of the application forms of the P.G. Council in an academic year shall also be deposited in this Fund.

A Committee constituted for the purpose will administer the funds for the Welfare of the students in distress mainly for urgent medical purposes only. This fund will not be mixed up with the Students' Aid Fund and shall be maintained in a separate account. The following members would constitute the Committee for the above purpose.

1. Chairman, P.G. Council
2. Warden, P.G. Hostels
3. Advisor, Students' Council
4. Director, Students' Welfare
5. Administrative Officer, P.G. Central Office

DECLARATION

This Information is issued for the general guidance of the aspirants for higher education in Utkal University, the oldest university of the state of Orissa. It covers the academic programmes of regular and sponsored courses run by the University and its constituent units. It contains all necessary information for the students, admitted to the Post-Graduate Departments, besides some extracts from the University Act, Regulations and Statutes. However, University reserves the right to make necessary changes in case of omissions and errors and also to incorporate changes in its rules and regulations as per the University Act and Statutes and decisions of the Post-Graduate Council when conditions so warrant.

Chairman, P.G. Council