

UNDERGRADUATE COURSES

REGULAR COURSES*

- M. Sc. & Ph. D. in Biotechnology
- M. Sc., M. Phil. and Ph. D. in Botany
- M. Sc., M. Phil. and Ph. D. in Chemistry
- M.A., M. Phil. and Ph. D. in Economics
- MCA & Ph. D. in Computer Science
- M. Sc., M. Phil. and Ph. D. in Physics
- M. Sc., M. Phil. and Ph. D. in Zoology

P.G. SELF-FINANCING COURSES*

- M. Sc. Wildlife and Biodiversity Conservation
- M.A./M. Sc. Mathematics
- Master of Business Administration (MBA)
- M.A/M.Sc. Anthropology and Tribal Studies
- Master in Library & Information Science
- Master of Law (LL.M)
- M.Sc. Remote Sensing & GIS
- M. Sc. Bioinformatics
- Master in Finance and Control (MFC)
- Master in Social Works (MSW)
- M.A. in Education
- M.A. in English
- M.A. in Santali
- M.A. in Odia

*All students admitted to PG Courses (Regular & Self Financing) are required to undertake a communicative skill course of 3 credits.

UNDER GRADUATE DEPTMENTS

BIOTECHNOLOGY

Year of Establishment : 2002
Programmes Offered : M. Sc., Ph.D.
Student Strength : 30
Head : Chairman, P.G. Council

Faculty

Professor (01)

Vacant

Reader (02)

Vacant

Lecturer

Dr. Santosh Kumar Sahu : Membrane Biology
Mr. Gunanidhi Dhangramajhi : Molecular Biology
Mr. Rudranarayan Munda : Cell and Cancer Biology

Courses Offered: M.Sc. (Semester pattern)

Semester I

Theory: Cell Biology, Biochemistry; Microbiology, Genetics and Physiology of Plants and Animals.

Practical: Practical pertaining to theory papers

Semester II

Theory: Advanced Biological Techniques (Supportive I), Enzymology, Molecular Biology, Advanced Immunology, Cell Signaling and Cancer Biology

Practical: Practical pertaining to theory papers

Semester III

Theory: Recombinant DNA Technology (Supportive II) Biostatistics and Bioinformatics, Elective I and Elective II

Elective Papers: Students have to opt for any one of the following electives courses: Elective I (Animal Biotechnology / Environmental Biotechnology), Elective II (Plant Biotechnology or Industrial Biotechnology)

Practical: Practical pertaining to Theory Papers

Semester IV

Dissertation

The choice of Supportive-I, Supportive-II can be exercised amongst Biotechnology/ Zoology/ Botany/ WL&BC/ Bioinformatics

BOTANY (DST-FIST Supported Department)

Year of Establishment : 2004
Programmes Offered : M. Sc, M.Phil., Ph.D.
Student Strength : M.Sc. - 20+05, M.Phil. - 06+04
Head : Dr. Akshaya Kumar Bastia

Faculty

Professor

Dr. Umaballava Mohapatra: Cytogenetics, Plant Biotechnology
(On lien)

Readers

Dr. Anil Kumar Biswal : Biosystematics
Dr. Akshaya Kumar Bastia: Biochemistry and Enzymology,
Microbial Physiology

Lecturers

Dr. Kamal Lochan Barik : Plant Ecology, Environ. Mgt.
Dr. Chandni Charan Rath : Microbiology
(On lien)
Dr. Kumananda Tayung : Microbiology

Courses Offered: M. Sc (Semester Pattern)

Semester-I

Theory: Plant Diversity-I (Microbes and Algae), Genetics and Biostatistics, Plant Metabolism-I, Angiosperm Taxonomy and Plant Resource Utilization.

Practical Paper: Pertaining to theory papers.

Semester-II

Theory: Biodiversity Conservation (Supportive-I), Plant Diversity-II (Fungi & Bryophyta), Cell and Molecular Biology, Ecology and Developmental Biology.

Practical: Pertaining to theory papers.

Semester-III

Theory: Environmental Biotechnology and Management (Supportive-II), Plant Diversity-III (Pteridophyta & Gymnosperms), Plant Metabolism-II, Plant Biotechnology and Genetic Engineering.

Practical: Pertaining to theory papers.

Semester-IV

Theory: Elective Paper-I, Elective Paper-II.

Practical: Pertaining to elective theory papers.

Project work and Viva

Elective Papers: Students have to opt for any one of the following electives: Biochemistry / Biosystematics / Environmental Pollution and Management / Industrial Microbiology.

The choice of Supportive-I, Supportive-II can be exercised amongst Botany/ Zoology/ Biotechnology/ WL&BC/ Bioinformatics.

M.Phil (Semester Pattern)

Semester-I

Paper-I Research Methodology,
Paper-II Tools and Techniques
Practical Paper: Pertaining to theory papers

Semester-II:

Elective-I, Elective-II

Elective Papers: The Student has to opt for any one of the following electives: Biosystematics/Environmental Biology / Microbial Biotechnology/ Physiology and Biochemistry of Stress/ Plant Tissue Culture.

Dissertation

CHEMISTRY (DST-FIST and UGC-SAP Supported Department)

Year of Establishment : 2004
Programmes Offered : M.Sc, M.Phil., Ph.D
Student Strength : M.Sc-20+05, M.Phil-06+04
Head : Dr. Pramoda Ku Satapathy

Faculty

Professor

Dr. Nigamananda Das : Inorganic, Analytical Chemistry

Readers

Dr. Sarat Kumar Swain : Organic, Material Chem.

(On lien)

Dr.Pramoda Ku Satapathy: Inorganic Chem.

Lecturers

Dr. Lingaraj Behera : Polymer, Solid State Chem.

Dr. Rajesh Kumar Singh : Organic Chemistry.

Vacant

Courses Offered: M. Sc (Semester Pattern)

Semester-I

Theory: Physical Chemistry-I, Inorganic Chemistry-I, Organic Chemistry-I, Polymer Chemistry.

Practical: Inorganic General Practical

Semester-II

Theory: Fundamentals of Analytical Chemistry (supportive-I), Organic Chemistry-II, Inorganic Chemistry-II, Spectroscopy-I.

Practical: Physical General Practical

Semester-III

Theory: Environmental Chemistry (Supportive-II), Computer for Chemists, Physical Chemistry-II, Spectroscopy-II.

Practical: Organic General Practical.

Semester-IV

Theory Papers: Elective - I, Elective – II

Practical: (Elective)

Project work and viva

Elective Papers: The students can opt for any one of the electives: Physical/ Organic/ Polymer/Inorganic Chemistry groups.

The choice of Supportive-I, Supportive-II can be exercised amongst Chemistry/ Physics/ MCA/ Zoology/ Botany

M.Phil (Semester Pattern)

Semester-I:

Paper-I Research Methodology

Paper-II General Theory

Practical Paper: Practical pertaining to theory papers.

Semester-II:

Elective-I, Elective-II

Elective: The Student has to opt for any one out of the following electives: Chemistry of Materials/ Inorganic Chemistry/Organic Chemistry.

Dissertation.

ECONOMICS

Year of Establishment : 2004
Programmes Offered : M.A, M.Phil., Ph.D
Student Strength : M.A-30+05, M.Phil-06+04
Head : Prof. Jagannath Lenka

Faculty

Professor

Dr.Jagannath Lenka : Mathematical Economics, Econometrics, Environmental Economics.

Reader

Dr. Lakshmi Narayan Dash : International Trade & Finance, Development/ Health Economics

Lecturers

Dr. (Mrs) Minati Mallick : Monetary Economics

Dr.(Mrs) Kabita Kumari Sahu : Statistics

Ms. Nirupama Tete : Agricultural Economics and Industrial Economics

Courses Offered: M.A. (Semester Pattern)

Semester-I: Micro Economic Analysis-I, Macro Economic Analysis-I, Mathematics for Economists, Public Economics, Indian Economic Policy.

Semester-II: Economics of Environment (Supportive-I), Micro Economic Analysis-II, Macro Economic Analysis-II, Statistics for Economists, Agricultural Economics.

Semester III: Economics of Social Sector (Supportive-II) Economics of Growth and Development-I, International Trade & Finance- I, Elective (any two).

Elective Papers: 1. Mathematical Economics-I, 2. Econometrics-I; 3. Financial Institutions and Market-I; 4.Computer application for Economic Analysis-I

Semester IV: Industrial Economics, Economics of Growth and Development-II, International Trade & Finance-II, Elective (any two)

Elective Papers: 1. Mathematical Economics-II, 2.Econometrics-II; 3.Financial Institutions and Market-II; 4.Computer application for Economic Analysis-II (Practical).

The choice of Supportive-I, Supportive-II can be exercised from amongst Economics/ MBA/ MCA / MFC

M.Phil (Semester Pattern)

Semester-I: Research Methodology, Advanced Economic Theory, Development Economics, Computer Application for Economic Analysis (Practical).

Semester-II: Techniques of data Analysis, **Elective (any one)** (Agricultural Economics, Industrial Economics, Financial Institutions and Markets), Dissertation.

COMPUTER SCIENCE AND APPLICATION

Year of Establishment : 2004
Programmes Offered : M.C.A
Student Strength : 30
Head : Dr. M. Himanindu

Faculty

Professor

Dr. M. Himanindu

Readers (02) – Vacant

Lecturers (03) - Vacant

Faculty engaged:

Dr. Jibendu Kumar Mantri : Computational Finance,
Cryptography

Mr.Santiswarup Basa : Computer Architecture and SE

Mr.ParthaSarathi Mishra : Data structure and RDBMS

Mrs.Sanjukta Mohanty : Computer Network and ADA

Courses Offered: MCA.(Semester pattern)

Semester I: Programming in 'C', Digital Principles and Micro Processors, Discrete Mathematics, Communicative English, Engineering Economics and Costing, Communicative Practice Lab-I, Lab-I C programming, Lab-II Assembly language programming

Semester II: Quantitative techniques (Supportive- I), Computer System Architecture, Data Structure Using 'C', Numerical Methods, Business Communication in English,

Object Oriented Programming using C++, Communicative Practice Lab-II, LAB-III (Data Structure in C),LAB-IV (OOPS with C ++).

Semester III:

Physical Computing (Supportive-II), Design and Analysis of Algorithm, Operating System, Relational Database Management System, Computer Networks, Operating System Laboratory-V, RDBMS Lab-VI, Seminar.

Semester IV:

Automata Theory, Programming with Java, Computer Graphics, Organizational Behaviour, Software Engineering, Computer Graphics Laboratory-VII, Programming with Java Laboratory-VIII,

Semester V:

Internet and Web Technology, Object oriented analysis and Design, Simulation Modeling, ELECTIVE-I, ELECTIVE-II, Internet Technical Lab, Project, Comprehensive Viva-Voce.

Semester VI: Project Work

Electives: Computer Security, Image Processing, Artificial Intelligence, Parallel Computing, E-Commerce, Multimedia technologies

The choice of Supportive -I, Supportive- II can be exercised amongst Comp. App./ Physics/ Mathematics/ MBA/ RS & GIS

PHYSICS

Year of Establishment : 2004
Programmes Offered : M.Sc, M.Phil, Ph.D
Student Strength : M.Sc-20+05, M.Phil-06+04
Head : Dr. Biswanath Rath

Faculty

Professor

Dr. Basudeb Sahu : Nuclear Physics, Electronics

Readers

Dr. (Miss) Susmita Kar : Particle Physics

Dr. Biswanath Rath : Mathematical Physics,
Quantum Mechanics

Lecturers

Dr. Pravanjan Mallick : Solid State Physics

Dr. Indrajit Naik : Solid State Physics

Dr. J.R.Sahu : Solid State Physics

Courses Offered: M. Sc (Semester Pattern)

Semester-I

Mathematical Physics, Classical Mechanics, Quantum Mechanics- I, Computer application in Physics, Practical (Optics Modern Physics).

Semester II

Electronics (Supportive -I), Quantum Mechanics-II, Statistical Mechanics, Classical Electrodynamics, Practical (Electronics)

Semester III

Quantum Principle, Atomic & Molecular spectra (supportive-II) Condensed Matter Physics, Advanced Quantum Mechanics, Basic Nuclear & Particle Physics, Practical (Computational Physics).

Semester IV

Elective -I, Elective -II, Practical (Elective), Project works.

Elective Papers: At present elective in solid state physics is offered.

The choice of Supportive -I, Supportive- II can be exercised amongst Physics/ Chemistry/ MCA/ Mathematics

M.Phil (Semester Pattern)

Semester-I: Research methodology, General theory-I Practical paper.

Semester-II: General Theory-II, Elective, Dissertation

(Electives: Advanced Nuclear Physics, Advanced Quantum Theory and Advanced Condensed Matter Physics.)

ZOOLOGY (DST-FIST and UGC-SAP supported Department)

Year of Establishment : 2004
Programmes Offered : M.Sc, M.Phil, Ph.D
Student Strength : M.Sc-20+05, M.Phil-06+04
Head : Dr. Hemanta Kumar Sahu

Faculty:

Professor

Vacant

Readers

Dr. Nakulananda Mohanty : Reproductive Physiology and Biochemistry
Dr. Hemanta Kumar Sahu : Developmental Biology, Wildlife Sciences and RS & GIS

Lecturers

Dr. (Mrs) Puspanjali Parida: Toxicology, Biochemistry
Dr. Gunanidhi Sahoo : Developmental Biology and Herpetology

Vacant (01)

Courses Offered: M. Sc (Semester Pattern)

Semester I:

Theory Papers: Biosystematics and Biodiversity, Biostatistics and Computer Basics, Endocrinology, Advanced Cell Biology.

Practical Paper: Practical pertaining to theory papers.

Semester II:

Theory Papers: Seritechnology (Supportive-I), Developmental Biology and Comparative anatomy of vertebrates, Techniques and Tools for Biology, Genetics and Evolution.

Practical Paper: Practical pertaining to theory papers, Seminar, Study Tour.

Semester III:

Theory Papers: Natural Resource Management(Supportive-II), Microbiology, Immunology, Bio molecules and Structural Biology, Physiology and Biochemistry, Biology of Invertebrates and animal behavior.

Practical Paper: Practical pertaining to theory paper.

Semester IV:

Theory Papers:

Elective-A – Biosystematics and Taxonomy. Elective-B –Cell Biology and Biochemistry. Project Work, Seminar.

Practical Paper: Practical pertaining to theory papers.

For supportive I, Supportive- II choice can be exercised amongst Zoology/ Botany/ Biotechnology/ WL&BC /Bioinformatics .

M.Phil (Semester Pattern)

Semester-I:

Theory papers: Research Methodology
General Theory

Practical paper: Experiments pertaining to theory papers.

Semester-II: Elective-I and Elective-II

Electives– Biochemistry, Molecular biology and Biotechnology; Endocrinology and Reproductive Physiology and Wildlife and Conservation Biology. Dissertation.

WILDLIFE AND BIODIVERSITY CONSERVATION

Year of Establishment : 2002
Programmes Offered : M.Sc.
Student Strength : 16
Faculty engaged :

Dr. Srustidhar Rout : Biodiversity, Ethology, Ethnobiology, Wildlife Conservation
Dr. Rabindra K. Mishra : Terrestrial and Aquatic Ecology, Biodiversity Conservation

Dr. Hemanta Kumar Sahu
Mr. S. S. Basa

Courses Offered: M.Sc. (Semester Pattern)

Semester I:

Biosystematics, Taxonomy & Biogeography, Ecology, Biology of Wildlife –I, Biostatistics and Computer Basics, Practical and Field Tour Report

Semester II:

Maintenance and Mapping of Biodiversity(Supportive-I), Biodiversity Conservation, Legal Aspects in Wildlife Management, Wildlife conservation and management, Field and Laboratory Practical and Field Tour Report

Semester III:

Traditional Ecological Knowledge (TEK) and Resource Management (Supportive-II), Animal behavior, Biology of wildlife-II, Wildlife study and monitoring, Field and Laboratory Practical and field tour report,

Semester IV:

Elective-I, Elective-II, Field and laboratory practical, Thesis Work

The choice of Supportive –I, Supportive-II can be exercised amongst WL&BC/ Zoology/ Botany/ ATS/ Law/ Bioinformatics/ RS&GIS

BUSINESS ADMINISTRATION

Year of Establishment : 2003

Programmes Offered : M.B.A

Student Strength : 30

Faculty engaged:
Mr.Sitaram Das
Miss Kalpana Panigrahi
Miss Bhagyalaxmi Rout
Mr. Manoj Kumar Mohanty
Mr.Smrutiranjana Das

Courses Offered: MBA. (Semester pattern)

Semester I:

Organization Structure and Management, Quantitative Methods for Management-I, Organisational Behaviour-I, Managerial Economics, Basic Financial Accounting, Marketing Management-I, Financial Management-I, Computer for Management.

Semester II:

Cost & Management Accounting (Supportive-I), Quantitative Methods for Management-II, Organizational Behaviour-II, Management Information System, Human Resource Management-I, Marketing Management-II, Financial Management-II, Production and Operations Management-I, Summer Project.

Semester III:

Business Communication (Supportive-II), Human Resource Management-II, Production and Operations Management-II, Business Law,

Elective Marketing Management Group:

(Advertising and Public Relation, Consumer Behaviour and Marketing, Research, Product and Services Marketing)

Elective Financial Management Group:

(Security Analysis and Portfolio Management of Financial Services, Management Control System)

Elective Human Resource Management Group:

(Human Resource Planning, Compensation Management, Industrial Relations)

Elective Systems Management Group:

(Systems Analysis and Design, Software Engineering, Relational Database Management System)

Semester IV:

Strategic Management, Business Ethics and Corporate Governance E-Commerce, Dissertation and Viva-voce, Seminar and Comprehensive Viva-voce.

Elective Marketing Management Group:

(Sales and Distribution Management, International Marketing, Industrial Marketing)

Elective Financial Management Group:

(Working Capital Management, International Finance, Corporate Tax planning and Management)

Elective Human Resource Management Group:

(Human Resource Development, Labour Legislation, Organisational Change and Development)

Elective Systems Management Group:

(Database Management, Decisions Support System, Networking and Internet Technology.

During Semester-III and Semester-IV each student has to take dual specializations out of four special / Elective groups. Again from each special / elective group, the student has to opt two papers out of three papers.

For supportive I, Supportive-II choice can be exercised amongst MBA/ MFC/MCA

ANTHROPOLOGY AND TRIBAL STUDIES

Year of Establishment : 2001

Programmes Offered : M.A / M.Sc.

Student Strength : 30

Faculty engaged :
Mr. Laxman Kumar Sahoo : Social Anthropology
Dr. Champak Kumar Sahu : Pre-historic/
Archaeological
Anthropology

Prof. J. Dash
Prof. N.C. Dash
Prof. P.K. Das
Dr. N. Panigrahi
Mr.S.K .Gouda

Courses Offered: M.A/ M. Sc (Semester Pattern)

Semester I:

Social and Cultural Anthropology; Biological Anthropology: Human Evolution and Variation; Archaeological Anthropology and Museology; Research Methodology in Anthropology-I; General Practical: Prehistory, Museology and Forensic Science

Semester II:

Indian Society and Culture (Supportive-I), Biological Anthropology: Human Genetics; Theories of Society and Culture in Anthropology; Research Methodology in Anthropology-II; General Practical: Biological Anthropology.

Semester III:

Tribal Development in India (Supportive-II), Tribes and Forest; Tribal Culture and its Transformation; Tribal Movement in India; Status and Empowerment of Tribal Women

Semester IV:

Elective-1, Elective-II, Tribal Demography, Health and Nutrition; Field work and Dissertation

Elective: Tribal Studies/Archaeological Anthropology

The choice of Supportive –I, Supportive-II can be exercised amongst ATS/ Social Work/Economics/Law/Santali

LIBRARY AND INFORMATION SCIENCE

Year of Establishment : 2001
Programmes Offered : Master Degree
Student Strength : 30
Faculty engaged :
 Dr. Nabin Kumar Sahu : Information Technology & Research Methodology

Prof. B.K.Choudhury
 Prof. K.C.Panda
 Dr. B.Maharana
 Dr. K.C.Das
 Dr. R.K.Mahapatra
 Dr. P.K.Mishra

Courses Offered: M. Lib. & Inf. Sc.(Semester Pattern)

Semester I:

Foundation of Library and Information Science, User Studies and User Education, Knowledge Organization and Processing (Classification), Knowledge Organization and

Processing (Cataloguing), Knowledge Organization and Processing Practical

Semester II:

Information Sources and Services (Supportive-I), Library and Information Management-I, Library and Information Organization and Networks, Computer Application Theory, Records and Assignments

Semester III:

Research Methodology for Library and Information Science (supportive-II), Library and Information Management-II, Information Processing and Retrieval, Quantitative Studies for Social research, Computer application practical.

Semester IV:

Elective-I, Elective-II, Practical (Elective) Project Evaluation and viva

Elective: IT applications in libraries/Digital library system

The choice of Supportive –I, Supportive- II can be exercised amongst MLIS/ MSW/ ATS

LAW

Year of Establishment : 2002
Programmes Offered : LLM, Ph.D.
Student Strength : 24
Faculty engaged :
 Mrs. Shyamali Mukherjee : Commercial Law
 Mr. Snehansubhusan Pattanaik : Commercial Law

Prof. N. S. J. Rao
 Prof. Jayadev Pati
 Prof. P. K. Sarkar
 Prof. L. K. Deb
 Prof. B. Panigrahi

Courses Offered: LL.M. (Semester pattern)

Semester I: Law and Social Transformation in India –I, Indian Constitutional Law: The New Challenges –I, Judicial Process-I, Legal Education, Project Work and Viva-voce

Semester II:

Human Rights and Indian Constitution (Supportive-I), Law and Social Transformation in India –II, Indian Constitutional Law, The New Challenges –II,, Judicial Process-II, Research Methodology, Practical Teaching and Viva-voce.

Semester III:

Commercial law (Supportive-II), Law of Industrial and Intellectual Properties-I, Banking Law-I, Insurance Law-I, Corporate Law and Corporate Finance-I

Semester IV:

Law of Industrial and Intellectual Properties-II, Banking Law-II, Insurance Law-II, Corporate Law and Corporate Finance - II, Dissertation and Viva voce.

Elective: The student has to opt for any one of out of two electives Business Law / Environmental Law/ Human Rights.

The choice of Supportive –I, Supportive- II can be exercised amongst LLM/ MBA/ MFC/ MSW/ Economics/ WL&BC

REMOTE SENSING AND GIS

Year of Establishment : 2004
Programmes Offered : M.Sc
Student Strength : 16
Faculty engaged :
 Mr. Debabrata Nandi : GIS Application in Ground Water
 Miss. Ipsita Mohanta : Landuse, Human Settlement Analysis and GIS

Dr. K. M. Sethi
 Dr. S.N. Mohapatra
 Dr. S. B.Choudhury
 Dr. J. K. Tripathy
 Mr. S.C. Panda
 Dr. Niranjana Panda
 Dr. P. Kumar

Courses Offered: M.Sc (Semester Pattern)

Semester I:

Basics of Remote Sensing, Aerial Photography and

Photogrammetry, Cartography and Projection, Image Interpretation, Practical on Photogrammetry and Image Interpretation.

Semester II:

Satellite Remote Sensing (Supportive-I) Thermal & Microwave remote sensing, Applied Statistics and Computer, Digital Image Processing (DIP), Earth System Science, Practical on DIP

Semester III:

Geomorphology & Geo Information Science (Supportive-II) Geographic Information System (GIS) (Elective-I), Bioinformatics (Elective-II), Practical on Geographic Information System

Semester IV:

Dissertation
The choice of Supportive –I, Supportive- II should be exercised amongst RS & GIS/ Physics/ MCA/ WL&BC/ Zoology/ Botany

BIOINFORMATICS

Year of Establishment	: 2004
Programmes Offered	: M.Sc
Student Strength	: 20
Faculty engaged	:
Dr. Bibhuti Prasad Barik	: Computational Biology
Dr. K. Tayung	
Dr.C.C. Rath	
Dr. D. Mohanty	
Mr.H. Kalia	
Mr. P.S. Mishra	
Mrs. S. Mohanty	

Courses Offered: M.Sc (Semester Pattern)

Semester I:

Foundations of Bioinformatics, Cytogenetics, Experimental Techniques for Biomolecules, Mathematics and Statistics in life sciences, Practical.

Semester II:

Computational Genomics (Supportive-I), Physical Computing, Biochemistry of Nucleic Acids and Proteins, DBMS in Life sciences, Practical.

Semester III:

Computational Proteomics (Supportive-II), Recombinant DNA Technology, Bioprogramming (C-Long in Life Sc. & BioPERL), Structural Bioinformatics, Practical.

Semester IV:

Elective-I, Elective-II, Practical (Elective) Project work and viva-voce

Elective: Computational Biology/ Cheminformatics

The choice of Supportive –I, Supportive-II can be exercised amongst Bioinformatics/ Biotechnology/ Botany/ Zoology/ WL&BC/ MCA

DEPARTMENT OF FINANCE AND CONTROL

Year of Establishment	: 2010
Programmes Offered	: MFC
Student Strength	: 30
Faculty engaged	:
Miss Ipsita Mohanta	
Mr.Rudra Madhab Behera	
Mr .D. Pani	

Courses Offered: MFC (Semester pattern)

Semester I:

Managerial concepts and Organizational Behaviour, Business Environment, Managerial Economics, Statistical Analysis, Financial Accounting, Marketing Management.

Semester II:

Corporate Legal Framework, (Supportive I), Accounting for managerial decisions, Computer Application for Managers, Financial Institutions and Markets, Investment Management,

Financial Services and Capital Market, Corporate Governance and Business Ethics.

Semester III:

corporate tax planning (Supportive II), Entrepreneurship Development and small business, financial services marketing, international finance, portfolio management, corporate restructuring and financial engineering, training report and presentation.

Semester IV:

Strategic management, strategic financial management, insurance and risk management, management information system, multinational financial, derivatives and risk management, project report and viva-voce.

Elective: The student has one of out of two electives Business Law / Environmental Law.

The choice of Supportive –I, Supportive- II can be exercised amongst MFC/ MBA/ MCA

DEPARTMENT OF SOCIAL WORK

Year of Establishment	: 2010
Programmes Offered	: MSW
Student Strength	: 30
Faculty engaged	:
Mr. Suvendu Kumar Satapathy	: Community Development
Miss. Lucy Mishra	

Courses Offered: MSW (Semester pattern)

Semester I: History Philosophy and Field of Social work, Indian Society and culture, Social Case Work, Social Group Work, Field work practical-I/ Internship-I

Semester II:Civil Society & NGO Studies (Supportive-I), Social Defense and Correctional Service, Social Work Research, Social Work practice with Communities, Field work practical-II.

Semester III:

Social problem policy and legislation (Supportive-II), Tribal cultural development and social work, Social work administration, Industrial social work, Human growth and development

Semester IV:

Elective-I, Elective-II, Social Statistic, Field work and Dissertation

For supportive I- , Supportive- II, choice can be exercised amongst MSW/ATS/Law /Economics

M. A. in SANTALI

Year of institution of the course : 2012

Student strength : 30
Faculty engaged : Mr Thakur Ch. Marandi
Dr. (Mrs) D. Besra
Mr. Gangadhar Majhi
Mr. Majha Majhi

Courses Offered: Santali (Semester pattern)

Semester-I : Oral and written tradition, Religion (Dharmiya Sahitya) Essay (Gadhy Sahithy), Epic (Kabya Sahithya), Linguistic

Semester-II: Ancient Literature (Supportive-I), Fiction, Essay (Prabandha Sahithya), Drama & one act play, Linguistic

Semester-III: Ancient poetry (Supportive-II), Short story & Novel, Elective-I, Modern Poetry, Criticism and Journals

Semester-IV: Village organisation, Research methodology, Elective-II, Dissertation

The choice of Supportive –I, Supportive- II can be exercised amongst Santali/ ATS / Odia

M.Sc / M.A in MATHEMATICS

Year of institution of the course : 2012

Student strength : 20
Faculty engaged : Mrs Sanjukta Mohanty
Miss.Smrutilekha Das

Courses Offered: Mathematics (Semester pattern)

Semester-I: Real Analysis & Measure Theory, Complex Analysis, Topology, Fundamental of Computer Science, Practical (C-Language)

Semester-II: Discrete Mathematics (Supportive-I), Numerical Analysis-I, Differential Geometry, Ordinary Differential Equation, Practical (C++)

Semester-III: Operation Research (Supportive-II), Numerical Analysis-II, Partial Differential Equation, Cryptography, Automata Theory

Semester-IV: Elective-I (ADA-I/FA-I/FD-I), Elective-II (ADA-II/FA-II, FD-II), Advanced Calculus, Comprehensive viva, Dissertation

The choice of Supportive –I, Supportive- II can be exercised amongst Mathematics/ MCA

M. A. in ODIA

Year of institution of the course: 2012

Student strength : 30
Faculty engaged : Dr Bichitranath Sahoo
Miss.Pratigyan Panda
Dr. S. K. Basa
: Dr. (Mrs) D. Besra
: Dr. Dilip Swain
: Dr. K. K. Panigrahi

Courses Offered: Odia (Semester pattern)

Semester-I: Prachina o Madhya yugiya odia kabya, Adhunika odia kabya, Prachina o Madhya yugiya odia kabya, Adhunika odia kabita, Odia natya sahitya

Semester-II Odia akankika sahitya(Suportive-I), Prachina o Madhya yugiya odia sahityara itihasa, Adhunika odia sahityara itihasa, Bhasa bigyana, odia bhasa

Semester-III Prachina o Madhya yugiya katha sahitya(Supportive-II), Adhunika katha sahitya, odia gadya sahitya (prabhandanda O atmajibani), Odia gadya sahitya (bhramano kahani), Odia gadya sahitya (Samaloghana)

Semester-IV: Gabeshana padhati, [Elective-I]- (ka) Sarala O panchasakha sahitya (Sarala sahitya) (kha) Shree Jagannath Sanskruti O Shree Jaganath Sahitya (Shree Jaganath Sanskruti) [Elective-II]-)ka) Sarala O panchasakha sahitya (Panchasakha sahitya) (kha) Shree Jagannath Sanskruti O Shree Jagannath Sahitya (Shree Jagannath Sanskruti), Gabeshana dharma sandharba prastuti.

The choice of Supportive –I, Supportive- II can be exercised amongst Odia/Santali/ MCA / English

M. A. in EDUCATION

Year of institution of the course : 2012
Student strength : 30
Faculty engaged : Mr.Ansuman Mandal
Mr.Santasundar Acharya

Courses Offered: Education (Semester pattern)

Semester-I- Philosophical foundation of education, Sociological foundation of education, Psychological foundation of education, Trends and issues in education, Book review (Practical)

Semester-II- Curriculum as instruction (Supportive-I), Educational Measurement and Evaluation, Educational Technology, Higher education in India, Seminar (Practical)

Semester-III- Special Education (Supportive-II), Advanced Educational Statistics, Research Methodology, Guidance & Counseling, Project Work

Semester-IV- Elective-I, Elective-II Practical and Dissertation

Elective: The Student has to opt for any one out of the following electives: Educational Management, Teacher Education, Comparative Education, Economics of Education.

The choice of Supportive –I. Supportive- II can be exercised amongst Education/ ATS/ MCA / MSW/ Economics

M. A. in ENGLISH

Year of institution of the course : 2012
Student strength : 30
Faculty engaged : Miss. Shabnam Parveen

Courses Offered: English (Semester pattern)

Semester-I: Poetry, Drama, Non-Fictional prose, Novel, Criticism

Semester-II: Poetry-II, Drama-II, Non-Fictional prose-II, Novel-II, Criticism-II

Semester-III: Critical Theory-I, Critical Theory-II, Colonial and Post-colonial study, Colonial and Post-colonial Literature, Research Methodology

Semester-IV: Group-A- American Literature, Group-B- Indian English Literature, Group-C- Linguistic and English Language Teaching, Thesis.

Communicative Skill

A course for communicative skill with 3 credits is introduced from the Session 2013-14. The pass mark for this course is 40% and this will be reflected in the certificate for the passed candidate. Fee for this course is Rs.300/- per student to be collected at the time of admission. The final year students in the year 2013-14 have to pay a sum of Rs.400/- for the course to be applicable to them at the time of re-admission.