

Controller of Examinations  
SAMBALPUR UNIVERSITY  
JYOTI VIHAR, BURLA,  
Sambalpur, Odisha, India.  
PIN-768 019.



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Accredited with 'A' Grade by NAAC

Most Urgent

( Both by Normal despatch and by e-mail)

No. 1406 Acd.-I

Dated: 25/02/2021

To

1. The Chairman, P.G. Council, Sambalpur University, Jyoti Vihar.
2. All the Heads, P.G. Departments of Sambalpur University, Jyoti Vihar.
3. The Director, SUIT, Sambalpur University, Jyoti Vihar.
4. The Principal, Dr. PMIASE, Sambalpur-768001.
5. The Principals of all the Affiliated Colleges under the jurisdiction of Sambalpur University.

Sub: - Implementation of UGC's directive on addition of compulsory course "Research and Publication Ethics (RPE)" in M.Phil. and Ph. D. programs starting from January- 2021.

Sir,

I am directed to intimate you that the Vice- Chancellor has been pleased to approve Implementation of UGC's directive on addition of compulsory course of 2 CH. "Research and Publication Ethics (RPE)" in M.Phil. and Ph. D. programs starting from January- 2021 under 6 (15) of O.U. Act - 1989 . The detail syllabus with Credit Hours has been attached with this mail in pdf. format and also it will be made available in the web-site of the university in the link [www.suniv.ac.in](http://www.suniv.ac.in) >> ACADEMIC >> REV. UG COMMON SYLLABI >> 32 Research and Publication Ethics (RPE).

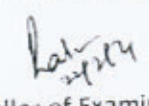
The necessary modification in the regulations concerned is under process and it will be communicated latter on .

You are requested to circulate / notify it among the students / teachers of your department. and to ensure teaching of the courses and conduct of the programs for the course accordingly. Errors and omissions, if any may be brought into the notice of the undersigned.

• This is for your information and necessary actions.

Yours faithfully,

Encl:- as above (in pdf. format)

  
Controller: of Examinations

P.T.O.

## Course structure

- The course comprises of six modules listed in table below. Each module has 4-5 units.

Modules	Unit title	Teaching hours
<b>Theory</b>		
RPE 01	Philosophy and Ethics	4
RPE 02	Scientific Conduct	4
RPE 03	Publication Ethics	7
<b>Practice</b>		
RPE 04	Open Access Publishing	4
RPE 05	Publication Misconduct	4
RPE 06	Databases and Research Metrics	7
	<b>Total</b>	<b>30</b>

## Syllabus in detail

### THEORY

- RPE 01: PHILOSOPHY AND ETHICS (3 hrs.)**
  - Introduction to philosophy: definition, nature and scope, concept, branches
  - Ethics: definition, moral philosophy, nature of moral judgements and reactions
- RPE 02: SCIENTIFIC CONDUCT (5hrs.)**
  - Ethics with respect to science and research
  - Intellectual honesty and research integrity
  - Scientific misconducts: Falsification, Fabrication, and Plagiarism (FFP)
  - Redundant publications: duplicate and overlapping publications, salami slicing
  - Selective reporting and misrepresentation of data
- RPE 03: PUBLICATION ETHICS (7 hrs.)**
  - Publication ethics: definition, introduction and importance
  - Best practices / standards setting initiatives and guidelines: COPE, WAME, etc.
  - Conflicts of interest
  - Publication misconduct: definition, concept, problems that lead to unethical behavior and vice versa, types
  - Violation of publication ethics, authorship and contributorship
  - Identification of publication misconduct, complaints and appeals
  - Predatory publishers and journals

### PRACTICE

- RPE 04: OPEN ACCESS PUBLISHING(4 hrs.)**

1. Open access publications and initiatives
2. SHERPA/RoMEO online resource to check publisher copyright & self-archiving policies
3. Software tool to identify predatory publications developed by SPPU
4. Journal finder / journal suggestion tools viz. JANE, Elsevier Journal Finder, Springer Journal Suggester, etc.

• **RPE 05: PUBLICATION MISCONDUCT (4hrs.)**

**A. Group Discussions (2 hrs.)**

1. Subject specific ethical issues, FFP, authorship
2. Conflicts of interest
3. Complaints and appeals: examples and fraud from India and abroad

**B. Software tools (2 hrs.)**

Use of plagiarism software like Turnitin, Urkund and other open source software tools

• **RPE 06: DATABASES AND RESEARCH METRICS (7hrs.)**

**A. Databases (4 hrs.)**

1. Indexing databases
2. Citation databases: Web of Science, Scopus, etc.

**B. Research Metrics (3 hrs.)**

1. Impact Factor of journal as per Journal Citation Report, SNIP, SJR, IPP, Cite Score
2. Metrics: h-index, g index, i10 index, altmetrics

**References**

- Bird, A. (2006). *Philosophy of Science*. Routledge.
- MacIntyre, Alasdair (1967) *A Short History of Ethics*. London.
- P. Chaddah, (2018) *Ethics in Competitive Research: Do not get scooped; do not get plagiarized*, ISBN:978-9387480865
- National Academy of Sciences, National Academy of Engineering and Institute of Medicine. (2009). *On Being a Scientist: A Guide to Responsible Conduct in Research: Third Edition*. National Academies Press.
- Resnik, D. B. (2011). What is ethics in research & why is it important. *National Institute of Environmental Health Sciences*, 1–10. Retrieved from <https://www.niehs.nih.gov/research/resources/bioethics/whatis/index.cfm>
- Beall, J. (2012). Predatory publishers are corrupting open access. *Nature*, 489(7415), 179–179. <https://doi.org/10.1038/489179a>
- Indian National Science Academy (INSA), *Ethics in Science Education, Research and Governance*(2019), ISBN:978-81-939482-1-7. [http://www.insaindia.res.in/pdf/Ethics\\_Book.pdf](http://www.insaindia.res.in/pdf/Ethics_Book.pdf)



**SAMBALPUR UNIVERSITY**

**DEPARTMENT OF BUSINESS ADMINISTRATION**

**SYLLABUS**

**FOR**

**THREE - YEAR *EXECUTIVE* MBA PROGRAMME**

**SAMBALPUR UNIVERSITY**  
**DEPARTMENT OF BUSINESS ADMINISTRATION**  
**EXECUTIVE MASTER OF BUSINESS ADMINISTRATION (MBA)**  
**PROGRAMMEE**  
**SYLLABUS**

**LIST OF PAPERS**

<b>Paper No.</b>	<b>Paper Title</b>	<b>Full Marks</b>
<b>Semester - I</b>		
E-101	Management Process & Organizational Behaviour	100
E-102	Human Resource Management	100
E-103	Financial Accounting for Managers	100
E-104	Quantitative Methods for Managers	100
E-105	Marketing Management	100
<b>Semester – II</b>		
E-201	Managerial Economics	100
E-202	Financial Management	100
E-203	Strategic Cost & Management Accounting	100
E-204	Indian Ethos & Values	100
E-205	Management Science	100
<b>Semester – III</b>		
<b>Core paper:</b>		
E-301	Research Methodology	100
E-302	Computers for Management	100
	<i>Plus</i> three papers, namely, E-303, E-304 & E-305 from <b>major</b> areas of specialization (viz. E-303 FIN, E-304 FIN, E-305 FIN from Finance)	300
<b>Semester – IV</b>		
<b>Core paper:</b>		
E-401	Business Environment	100
E-402	Production Management	100
	<i>Plus</i> three papers, namely, E-403, E-404 & E-405 from <b>major</b> areas of specialization (viz. E-403 FIN, E-404 FIN, E-405 FIN from Finance)	300
<b>Semester – V</b>		
<b>Core paper:</b>		
E-501	Business Policy	100
E-502	Business Legislation	100
	<i>Plus</i> three papers, namely, E-503, E-504 & E-505 from <b>minor</b> areas of specialization (viz. E-503 FIN, E-504 FIN, E-505 FIN from Finance)	300
<b>Semester – VI</b>		
E-601	Management Information System	100
E-602	Strategic Management	100
E-603	Corporate Governance	100
E-604	Dissertation ( <i>Equivalent to two papers</i> )	200

## **List of papers for major areas of specialization**

### **SEMESTER-III**

#### **Specialization- Finance**

E-303 FIN	Security Analysis and Portfolio Management	100
E-304 FIN	Project Planning and Appraisal Method	100
E-305 FIN	Working Capital Management	100

#### **Specialization- Marketing**

E-304 MAR	Consumer Behaviour	100
E-304 MAR	Advertising Management	100
E-305 MAR	Sales and Distribution Management	100

#### **Specialization- Human Resource Management**

E-303 HRM	Industrial Relations	100
E-304 HRM	Manpower Training and Development	100
E-305 HRM	Human Resource Development Strategies & System	100

#### **Specialization- Production**

E-303 PRO	Total Quality Management	100
E-304 PRO	Production Planning and Control	100
E-305 PRO	Logistic Management	100

#### **Specialization- System**

E-303 SYS	Decision Support System	100
E-304 SYS	Business Process Reengineering	100
E-305 SYS	System Analysis and Design	100

#### **Specialization – Rural Management**

E-303 RUR	Cooperative Management	100
E-304 RUR	Rural Credit Finance	100
E-305 RUR	Rural Resources and Development	100

#### **Specialization – Small Business and Entrepreneurship Management**

E-303 SBE	Government Business Interface	100
E-304 SBE	Small Business Marketing	100
E-305 SBE	Financing of Small Business	100

#### **Specialization – Health Care Administration**

E-303 HCA	Organization and Management of Hospital	100
E-304 HCA	Health Care and Social Policy	100
E-305 HCA	Health System Management	100

## **SEMESTER-IV**

### **Specialization- Finance**

E-403 FIN	Management Control System	100
E-404 FIN	Corporate Taxation	100
E-405 FIN	Corporate Restructuring	100

### **Specialization- Marketing**

E-403 MAR	Strategic Marketing	100
E-404 MAR	Marketing of Services	100
E-405 MAR	Retail Management	100

### **Specialization- Human Resource Management**

E-403 HRM	Manpower Development for Technological Change	100
E-404 HRM	Compensation Management	100
E-405 HRM	Managing Interpersonal and Group Processes	100

### **Specialization- Production**

E-403 PRO	Purchasing and Materials Management	100
E-404 PRO	Applied Operations Research	100
E-405 PRO	Transportation Management	100

### **Specialization- System**

E-403 SYS	Database Management	100
E-404 SYS	Strategic Management of Information Technology	100
E-405 SYS	IT Application for Business	100

### **Specialization – Rural Management**

E-403 RUR	Rural Industrialization	100
E-404 RUR	Participatory Development in Rural Areas	100
E-405 RUR	Rural Marketing	100

### **Specialization – Small Business and Entrepreneurship Management**

E-403 SBE	New Enterprise Management	100
E-404 SBE	Entrepreneurial Development	100
E-405 SBE	Small Business Environment and Management	100

### **Specialization – Health Care Administration**

E-403 HCA	Health Care Economics and Finance	100
E-404 HCA	Environmental Health Management and Safety Planning	100
E-405 HCA	Health and Hospital Information Systems	100

## List of papers\* for minor areas of specialization

### SEMESTER-V

#### **Specialization- Finance**

E-503 FIN	Financial Derivatives	100
E-504 FIN	International Accounting	100
E-505 FIN	International Finance	100

#### **Specialization- Marketing**

E-503 MAR	International Marketing	100
E-504 MAR	Brand Management	100
E-505 MAR	Marketing Research	100

#### **Specialization- Human Resource Management**

E-503 HRM	Counseling Skills for Managers	100
E-504 HRM	Cross Cultural and Global Management	100
E-505 HRM	Legal Framework Governing Human Relation	100

#### **Specialization- Production**

E-503 PRO	Goal Programming in Management	100
E-504 PRO	Service Operations Management	100
E-505 PRO	World Class Manufacturing	100

#### **Specialization- System**

E-503 SYS	Security and Control Information System	100
E-504 SYS	Software Engineering	100
E-505SYS	E-Business	100

#### **Specialization – Rural Management**

E-503 RUR	Waste Land Management	100
E-504 RUR	Urban Development and Regional Planning	100
E-505 RUR	Urbanization in India	100

#### **Specialization – Small Business and Entrepreneurship Management**

E-503 SBE	Innovations and Small Business Management	100
E-504 SBE	Small Business Investment and Management	100
E-505 SBE	Small Business and Export Management	100

#### **Specialization – Health Care Administration**

E-503 HCA	Health Communication: Development and Dissemination	100
E-504 HCA	Community Health, Epidemiology and Population Management	100
E-505 HCA	Support and Utility Services and Risk Management	100

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 \* The list of minor specialization papers may also include papers from major group of specialization to give wider choice to the students to choose between. **Students may however note that one has to choose an area for minor specialization which is different from the area in which he/she had major specialization.**



**COURSES OF STUDIES**  
(Approved in the BOS in 2010)

**M. TECH. IN GEOSPATIAL TECHNOLOGY**  
**DEPT. OF EARTH SCIENCES**

**First year- 1st Semester**

Course No.	Subjects	Credit hours
GT. 411	Basic Principles of Geospatial Technology, Survey, Thematic Mapping and Cartography	4CH
GT. 412	Earth features and phenomena, Earth Resources and Resource Management	4CH
GT. 413	Principles of Aerial Remote Sensing and Photogrammetry	4CH
GT. 414	Satellite, Microwave and thermal infrared Remote Sensing	4CH
GT. 415	Practical on Survey and Cartography, Report on Lab./ Field Visits	2CH
GT. 416	Practical on Aerial Photographs, satellite images, Term paper	2CH

**First year- 2nd Semester**

Course No.	Subjects	Credit hours
GT. 421	Statistical data analysis and Spatial statistics	4CH
GT. 422	Computer Programming and Database Management	4CH
GT. 423	Digital Image Processing, Correction and Interpretation	4CH
GT. 424	Digital Elevation Modelling and Global Positioning System	4CH
GT. 425	Practical on Statistical data analysis, Computer Programming, and Digital image processing	2CH
GT. 426	Report on Field Visits / Seminar	2CH

**Second year- 3rd Semester**

Course No.	Subjects	Credit hours
GT. 511	Elective (any one of the following)	4 CH
Elective	a. Application of Geographic Information Systems in Geology, Geotechnical Engineering and Engineering Geology b. Application of Geographic Information Systems in Geography, Human settlement, Land use studies and Archeology c. Application of Geographic Information Systems in Environmental studies and Natural Resource Management d. Application of Geographic Information Systems in surface and subsurface water resources, Oceanic studies, Fishery and Meteorology e. Application of Geographic Information Systems in Ecology, Agriculture and Forestry	
GT. 512	(Training in a reputed institute on Digital Image Processing, /GIS or GPS) Report on field Training	12 CH
GT. 513	Seminar (at least 4)	4 CH

**Second year- 4th Semester**

Course No.	Subjects	Credit hours
GT. 521	Dissertation on any topic on Remote Sensing, GIS/ GPS Global positioning system under the guidance of a faculty of the Dept./ Scientist of a RS- GIS Institute/ company.	20CH



P.G. Department of English (Autonomous), Sambalpur University  
Jyoti Vihar, Burla. Orissa 768009

Proceedings of the Academic Affairs Committee held on 28.07.2021 at 11.00 AM.

**Members Present:**

1. Head, Department of English
2. Prof. R. S. Nanda
3. Prof. A. K. Mohapatra
4. Dr. Aloka Patel
5. Dr. A. K. Kullu

**Business Transacted:**

1. M. A. Syllabus was revised as following
  - (i) The titles of the Courses and Units were revised
  - (ii) Recommended Readings to be included
  - (iii) Course No. 411, Unit-IV: *Absalom and Achitophel* to be replaced by shorter poems
  - (iv) Course no. 413, Unit-I: *Aphra Behn* to be included  
Unit-IV- Jonathan Swift to be removed
  - (v) Course No. 414, Unit-IV: Virginia Woolf's essay to be replaced by William and Beardsley's "Intentional Fallacy"
  - (vi) Course no. 421, Unit-IV: Rossetti to be replaced by Elizabeth Barrett Browning
  - (vii) Course no. 422, Unit-III: Pirandello to be replaced by Osborne
  - (viii) Course no. 424, Unit-III: Cixous to be replaced by Judith Butler
  - (ix) Course no. 433: To be completely revised by Prof. A. K. Mohapatra
  - (x) Course no. 434 to be revised into two Units of 50 marks each. Unit-I to include Research Methodology; Unit-II on Computer Application and Project
  - (xi) Course no. 442 NBNE, Unit-IV: Ralph Ellison to be replaced by Alice Walker's *Color Purple*
  - (xii) Two new Modules on English Literary Essay and World Literature to be added

**Signatures:**

1. Head, Department of English (Prof. Sabita Tripathy)

28.7/2021

2. Prof. R. S. Nanda

28.7.21

3. Prof. A. K. Mohapatra

28/07/2021

4. Dr. Aloka Patel

5. Dr. A. K. Kullu



## P G Department of English, Sambalpur University

### Syllabus for M.A. in English

Under Course Credit cum Semester System

With effect from 2021-22 session

### Pedagogy

The MA Programme under Course Credit cum Semester System shall comprise 16 Courses, spread over four semesters and carrying a total load of 80 credit hours. The first three Semesters shall consist of Core Courses, and the fourth Semester shall cover Elective Courses. Each course will carry a load of 5 credit hours. Each credit hour will consist of a minimum of 12 classes of 1 hour duration each.

**The learning and teaching method for *Each Semester* will include:**

- Lectures (Blended): 4 hours per day
- Seminars: 4 hours per week
- Audio Visual Classes/ Workshops: 2 hours per week
- Self-Study/ Library/ Laboratory: 5 hours per week

### **Evaluation Pattern**

Assessment will be made on the basis of

1. External evaluation
2. Internal Assessment in the form of
  - i. Assignments and Presentations
  - ii. Seminars
  - iii. Class Tests
  - iv. Projects

**Semester-wise distribution of courses is given below:**

### CORE COURSES

#### SEMESTER I

Eng 411- English Poetry I

Eng 412- English Drama I

Eng 413- English Novel I

Eng 414- Literary Theory and Criticism till 1940s

#### SEMESTER II

Eng 421- English Poetry II

Eng 422- English Drama II

Eng 423- English Novel II

Eng 424 – Contemporary Theory

#### Semester III

Eng 431- English Poetry III

Eng 432- English Novel III

Eng 433- Contemporary Novel

Eng 434- Research Methodology and Computer Application in Literary Studies

### ELECTIVE COURSES

## **Semester IV**

This Semester shall comprise Elective Courses (Eng 441 to 444) in four separate Modules carrying a credit load of 16 credit hours in each module. Students will be allowed to take any one of the modules on the basis of their i) Preference and ii) Merit in the MA Entrance test. The Department would notify the available Modules for exercising option. They have to submit their preference a week before the Registration for Semester III. Each of the available modules will have equal number of students ordinarily.

### ***The four Elective Modules are:***

Elective Module A: *Comparative Literature and Translation Studies*

Elective Module B: *Non-British Novels in English*

Elective Module C: *Indian Writing in English and Indian Literature in English Translation*

Elective Module D: *Special Topics*

Eng 441 Modules A, B, C & D

Eng 442 Modules A, B, C & D

Eng 443 Modules A, B, C & D

Eng 444 Modules A, B, C & D

## **SEMESTER-I**

**Course No:** Eng 411

**Course Title:** English Poetry I

**Credit Load:** 5 credit hours

**Course Objectives:** This paper covers English Poetry of Early Modernity. It aims to familiarize students with

- English poetry of different forms written during the Early Modern period.
- The cultural contexts that have informed such writings.
- Literary reinventions of later ages, and influences on later writers.

### **Course Content:**

Unit I: Chaucer: "Prologue to *The Canterbury Tales*"

Unit II: Spenser: *Faerie Queene* (Book I)

Unit III: Milton: *Paradise Lost* (Books I & II)

Unit IV: Early Modern Women Poets:

Sarah Fyge Egerton "At My Leaving Cambridge, August the 14<sup>th</sup>, Extempore";

Lady Mary Wortley Montagu: "Saturday, The Small-Pox, Flavia";

Margaret Cavendish: "Earth's Complaint",

Anne Finch: "The Answer (To Pope's Impromptu)"

### **Recommended Readings:**

1. Bibhash Choudhury: *English Social and Cultural History*
2. Philip Sidney: "An Apology for poetry"
3. E M W Tillyard: *The English Epic and its Background*
4. Gary F. Waller: *English Poetry of the Sixteenth Century*

**Course Learning Outcome (CLO):** At the end of the course students will be familiar with English poetry of different forms written during the Early Modern period. They will be able to understand

CLO1. The influence of contemporary philosophies on the early poetic forms.

CLO2. The social and political concerns of writers of the age, and their relevance to us today.

CLO3. Distinguish between the social and political concerns of the female and the male poets of the period.

CLO4. Later developments in poetic diction and style.

### **Scheme of Examination:**

The units shall carry a total of 100 marks, out of which 20 marks shall be by way of internal assessment in the form of written test and seminar/home assignment. The written test will be 60 minutes duration. The semester-end university examination shall be of 3 hours duration, carrying 80 marks.

**Division of Marks:** (For semester-end university examination)

- a) Four long- answer type questions(to be answered in 1000 words each), one each from the 4 units with alternatives :

$$16 \times 4 = 64$$

# M.Sc. in Food Science & Nutrition

SYLLABUS (2018-19)



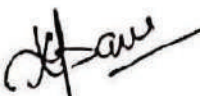
P.G. DEPARTMENT OF FOOD SCIENCE  
TECHNOLOGY AND NUTRITION  
SAMBALPUR UNIVERSITY  
JYOTI VIHAR  
BURLA

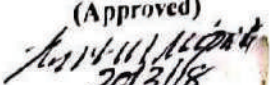
  
Chairman/Head

  
Co-ordinator

  
P.K.Naik

  
S.Parida

  
A.Priyadarshini

(Approved)  
  
2018/18  
Vice-Chancellor

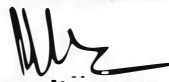
**Courses of Studies for the M. Sc Food Science & Nutrition Examination  
(Under Course Credit Semester System)  
Effective from First Semester Examination, 2018-19**

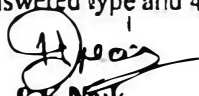
<u>Ist Semester</u>		
Course No.	Title	Credit Hour
FSN. 411	Food Commodities	4 (Theory)
FSN. 412	Food Microbiology, Hygiene and Sanitation	4 (Theory)
FSN. 413	Nutritional Biochemistry	4 (Theory)
FSN. 414	Basic Concepts of Nutrition	4 (Theory)
FSN. 415	Practical related to 411&412	4 (Practical)
FSN. 416	Practical related to 413&414	4 (Practical)
	<b>Total</b>	<b>24</b>
<u>IInd Semester</u>		
Course No.	Title	Credit Hour
FSN. 421	Food ingredients and Nutraceuticals	4 (Theory)
FSN. 422	Food Analysis	4 (Theory)
FSN. 423	Food Quality and Packaging	4 (Theory)
FSN. 424	Advanced Human Physiology <small>New Course</small>	4 (Theory)
FSN. 425	Practical related to all the theory papers	4 (Practical)
FSN. 426	Summer Internship	2
	<b>Total</b>	<b>22</b>
<u>IIIrd Semester</u>		
Course No.	Title	Credit Hour
FSN. 511	Therapeutic Nutrition <small>New Course</small>	4 (Theory)
FSN. 512	Genetics and Food Biotechnology	4 (Theory)
FSN. 513	Research Methodology and Biostatistics	4 (Theory)
FSN 514	Elective Paper (any one) <small>New Course</small>	4 (Theory)
	a. Community Health Management	
	b. Public Health Nutrition	
	c. Institutional Food Management	
	d. Food Processing and Preservation	
FSN 515	Practical Diet Therapy	4 (Practical)
FSN. 516	Seminar-I	3
	<b>Total</b>	<b>23</b>
<u>IVth Semester</u>		
Course No.	Title	Credit Hour
FSN. 521	Term Paper/Review Paper	2
FSN 522	Final Dissertation & Viva-voice	12+2
FSN. 523	Seminar-II	3
FSN. 524	Industrial Tour Report	2
	<b>Total</b>	<b>21</b>

**Instruction to Paper Setters**

1. In theory papers questions will be set unit-wise with 2 questions from each unit (total 8 questions). The students shall answer any one question from each unit.

2. 60% of the questions shall be long-answered type and 40% short-answered type

  
Co-ordinator

  
P.K. Naik

  
S.P. Panda

  
A. Priyadarshini

Proceedings of the meeting of the Board of Studies in Hindi  
Held at 12.30 Pm on date 15/03/21 in the Administrative Building of the University.

**MEMBER PRESENT:-**

- |                            |                      |
|----------------------------|----------------------|
| 1. Dr. K. P. Kapani        | 7. Dr. Tabassum Bano |
| 2. Dr. Dr. L. Shasana      | 8. Dr. G. Buda.      |
| 3. Dr. S. Palit            | 9.                   |
| 4. <u>Amr. Singh</u>       | 10.                  |
| 5. <u>Dr. Sanjay Singh</u> | 11.                  |
| 6. <u>Dr. Meena Sani</u>   | 12.                  |

**BUSINESS TRANSACTED:-**

1. Sri/Dr/Prof Dr. Kamal Prava Kapani (Dean/Add.) Papachayat college, Bargarh has been elected as the Chairman of the Board for the current academic session 2020-21.
2. Recommended the lists of Examiners, Paper Setters, Moderators and members of the Conducting Board for the following Examinations separately.
  - i) Recommended for all relevant examinations to be held during 2021-22.
  - ii)
  - iii)
  - iv)
  - v)
3. Recommended the list of Indian and Foreign Examiners for evaluating of M.D. Litt Thesis of the following candidates separately.
  1. Dr. Sanjay Kumar Singh DLH-6
  - 2.
  - 3.
  - 4.
  - 5.
  - 6.
  - 7.
  - 8.
  - 9.
  - 10.

(During consideration of examiners in respect of Sl. No. 1  
Sri/Dr. Murari Lal Shasana and Dr. Sanjay Kumar Singh

respectively remained absent in the meeting)

4. Recommended no change/minor change/in the *Syllabus, Revised Syllabus* for the following examinations as in appendix \_\_\_\_\_ enclosed.

(i) UG no change.

(ii) Recommended minor changes in P.G. syllabus, detailed recommendation as in appendix - A

(iii) P.Hed courses no changes.

5. Recommended the following modification /amendments in the *regulation* for \_\_\_\_\_ Examinations.

6. Other recommendations, if any.

Bill for remuneration of examination work and TA. Bill for attending BOS meeting of previous years meeting have not been paid till date. The matter may be looked into and need bill may be done.

SIGNATURE OF THE MEMBERS PRESENTS.

Archiele Kumar M.

S. K. S.

B. S.  
15/3/21

Dr. Kamal Pralika Kapan  
Chairperson.

J. S.  
15/03/21

Jabasscum Bawo  
15/03/21



Semester - I

1. HNC- 411 (NO Change)

2. HNC- 412

Unit - II - पद (1-20)

शुद्धि के अंग (1-20)

धुमिल के अंग (1-20)

विद्वे के अंग (1-20)

नान विद्वे के अंग (1-10)

} The Padas be Reduces.

Unit -

सिंहलविष खंड (Be deleted)

3. HNC- 413

Unit III कृता (1-25) The Padas be Reduces.

4. HNC- 414 (NO Change)

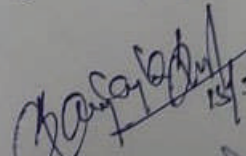
5. HNC- 415

Unit - I - 3 वंशी - ~~एकिक अंक~~ द्वितीय अंक (Be taught)


Unit - II - लोबश अंशरी (Change) (Be deleted)

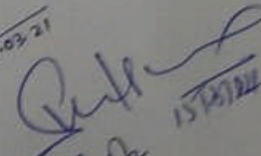
Unit III - श्युवीर शहाय - शमदास  
दुमिल - मीनीमाय  
नागार्जुन - लड्डे दिना के लार } (Be added) At And in place of Chand ka Muk Tedha

अलोचना - श्युवीर शहाय, दुमिल, नागार्जुन वर अलोचना

  
15/3/21

15.03.21

  
15/03/21

  
15/3/21

Semester-II

1. HNC-421

Unit-IV - बीतियुट को चयन - व्यक्ति स्वतंत्रता (change) Be deleted.

HNC-422

Unit-II - चीड़चू (संशोधन) वैज्ञानिक साहित्य (Be Added)

HNC-423

पुस्तक - 'देशाभिमान' से 'देशप्रेम', अनुशासन प्रभाव, कठोरता  
Unit-II - ~~भारतीय संविधान~~ संविधान (Add) संसद (Add)

- ~~भारतीय संविधान~~ - अस्थावक (उत्सव) , रजिस्ट्रार (देशाभिमान) Added  
Unit-II - शयन कठोरता (change) Be deleted.

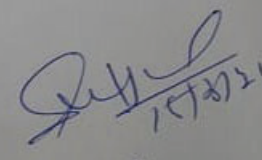
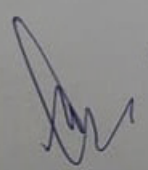
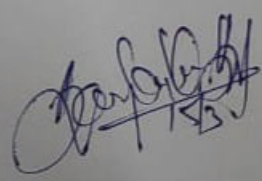
HNC-424 - NO change.

HNC-425 - Unit-II - वाग्यन का परिचय (Be Added)

Unit-III - हिंदी में मौखिक विस्तार (Be deleted)

इसके अतिरिक्त - ~~संविधान~~ का वर्गीकरण धर्मियों का वर्गीकरण (Be Added)

Prin. 15/3/21



Ujjwal Singh  
15/03/21

Anil Kumar  
15/3/21

Ujjwal Singh  
15/3/21

Semester - III

~~HNC-515~~

4. रबीय रिपोर्ट - अग्रिम प्रीतम (Be deleted)

HNC-512 ~~निर्वाहकी~~ निवर्तमान भाग I - सम्पूर्ण पुस्तक (Edited)

Unit - I

भाषा की मनोविकार, शब्दात्मक, शक्ति, इच्छा, कठिनाई (Be Added)  
तुलना की महत्त्व, भाषा की वर्णमाला,

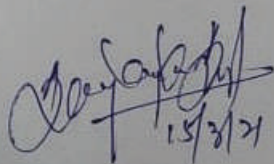
HNC-515

4. रबीय रिपोर्ट - अग्रिम प्रीतम (Be deleted)

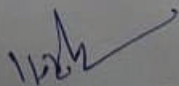
Sul  
15/3/21

Amch.  
15-3-21

Amch/Amch  
15/3/21

  
15/3/21

Meera Sani  
15/3/21



Tabassum Baw  
15/3/21

Semester IV

MNC-525 (Need to be deleted) - Be deleted. And following be added.)

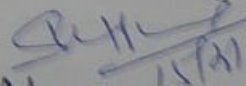
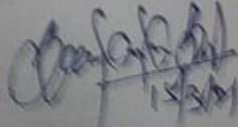
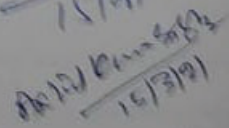
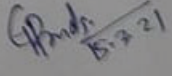
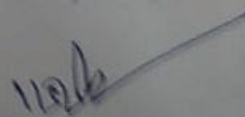
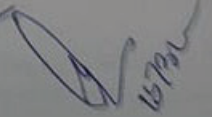
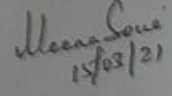
- ~~विद्युत विद्युत~~ विद्युत विद्युत विद्युत विद्युत (50-50) (Be Added)
- विद्युत विद्युत विद्युत विद्युत विद्युत विद्युत विद्युत विद्युत
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- विद्युत विद्युत विद्युत विद्युत विद्युत विद्युत विद्युत विद्युत
- विद्युत विद्युत विद्युत विद्युत विद्युत विद्युत विद्युत विद्युत
- विद्युत विद्युत विद्युत विद्युत विद्युत विद्युत विद्युत विद्युत

अंक विभाजन - 70 + 30  
(विद्युत विद्युत) (विद्युत)

MNC-524

- विद्युत विद्युत विद्युत विद्युत विद्युत विद्युत विद्युत विद्युत (Be deleted)
- विद्युत विद्युत विद्युत विद्युत विद्युत विद्युत विद्युत विद्युत (Be Added)

विद्युत विद्युत विद्युत विद्युत विद्युत विद्युत विद्युत विद्युत (Be Deleted)

  
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# **COURSES OF STUDIES**

**M.Sc. (LIFE SCIENCES)**



**SCHOOL OF LIFE SCIENCES  
SAMBALPUR UNIVERSITY  
JYOTI VIHAR-768 019  
SAMBALPUR, ORISSA**

## OUTLINE COURSE STRUCTURE

Course	Course Title	Credit hours	Marks
<b>SEMESTER- I</b>			
LS-411	Fundamentals of Physical Sciences	3 CH	50
LS-412	Biochemistry	3 CH	50
LS-413	Biophysics and Biophysical Chemistry	3 CH	50
LS-414	Microbiology	3 CH	50
LS-415	Molecular Biology	3 CH	50
LS-416	Instrumentation and Techniques	3 CH	50
LS-417	Practical (Biochemistry and Instrumentation)	2 CH	50
LS-418	Practical (Microbiology)	2 CH	50
<b>SEMESTER- II</b>			
LS-421	Ecology	3 CH	50
LS-422	Cell Biology	3 CH	50
LS-423	Immunology	3 CH	50
LS-424	Genetics	3 CH	50
LS-425	Taxonomy, Biodiversity and Biostatistics	3 CH	50
LS-426	Advanced Techniques in Biology	3 CH	50
LS-427	Practical (Ecology and Biostatistics)	2 CH	50
LS-428	Practical (Genetics, Immunology, Advanced Technique)	2 CH	50
<b>SEMESTER- III</b>			
LS-531	Bioinformatics and Computer Application	3 CH	50
LS-532 (A or B) (Stream paper-I)	(A) Plant Morphology (B) Animal Morphology	3 CH	50
LS-533 (A or B) (Stream paper-II)	(A) Plant Developmental Biology (B) Animal Developmental Biology	3 CH	50
LS-534 (A or B) (Stream paper-III)	(A) Plant Physiology (B) Animal Physiology	3 CH	50
LS-535 (A – D) (Special Paper-I)	Biochemistry: (A) Bioenergetics	3 CH	50
	Microbiology: (B) Microbial Physiology		
	Ecology: (C) System Ecology		
	Physiology: (D) Cell Physiology		
LS-536 (A – D) (Special Paper-II)	Biochemistry: (A) Enzymology	3 CH	50
	Microbiology: (B) Microbial Genetics		
	Ecology: (C) Ecological Energetics		
	Physiology: (D) Crop Physiology		
LS-537 (A or B)	(A) Practical (Plant Morphology, Development and Physiology) (B) Practical (Animal Morphology, Development and Physiology)	2 CH	50
LS-538 (A – D)	Special Paper Practical- I (Special Paper-I and II) (A) Biochemistry (B) Microbiology (C) Ecology (D) Physiology	2 CH	50
LS-539	Practical (Bioinformatics and Computer Application)	2 CH	50
<b>SEMESTER- IV</b>			
LS-541	Genetic Engineering	3 CH	50
LS-542 (Elective Paper) (A - H) (Any one)	(A) Cell culture Technique	3 CH	50
	(B) Genomics and Proteomics		
	(C) Protein Engineering		
	(D) Medical Microbiology		
	(E) Vermitechnology		
	(F) Hormonal Plant Physiology		
	(G) Plant Metabolism		
LS-543 (A - D) (Special Paper-III)	Biochemistry: (A) Structure and Metabolism	3 CH	50
	Microbiology: (B) Industrial Microbiology		
	Ecology: (C) Microbial Ecology		
	Physiology: (D) Stress Physiology		
LS-544 (A - D) (Special Paper-IV)	Biochemistry: (A) Metabolic Regulation	3 CH	50
	Microbiology: (B) Virology		
	Ecology: (C) Environmental Management		
	Physiology: (D) Radiation Biology		
LS-545 (A-D)	Special Paper Practical- II (Special Paper-III and IV) (A) Biochemistry (B) Microbiology (C) Ecology (D) Physiology	2 CH	50
LS-546	Seminar	3 CH	50
LS-547	Project Work and Viva Voce	(3 + 2) CH	150
<b>Total Course Credit</b>		<b>90 CH</b>	<b>1700</b>

PROCEEDINGS OF ACADEMIC COMMITTEE MEETING HELD ONLINE DT 28.09.2021 AT 10 30 AM

Members Present

1. Prof.J.Patel , Utkal University
2. Prof G K Panda NIT Rourkela
3. Dr.Mrs. Sabita Sahoo
4. Dr.Nihar Ranjan Satapathy
5. Dr.Arun Kumar Tripathy
6. Dr.Priyabrat Gochhayat

At the outset the Head welcomed the members of the Committee.

Agenda-1 xxxxxxxxxxxx

Agenda-2- xxxxxxxxxxxx

Agenda-3 The change in the syllabus of Algebra –I in Semester I MA/MSc and Algebra –II in Semester II MA/MSc 2020-22 batch is discussed and passed.

The Agenda-4 The syllabus of the The Research Publication Ethics course introduced by the University in MPhil Semester I (2021) is ratified.

Agenda 5- xxxxxxxxxxxxxxx

At the end, the Head thanked the members for their valuable advices.

-sd/-

-sd/-

-sd/-

-sd/-

Prof.J.Patel

Dr.Mrs.S.Sahoo

Dr.N.R.Satapathy

Dr.A.K.Tripathy

-sd/-


Dr.P.Gochhayat

-sd/-

Dr.Mrs.B.L.Panigrahi

-sd/-

Prof.A.K.Mishra

  
Head 14/9/22

Dept of Mathematics  
Dept. of Mathematics  
Bhubaneswar University  
Jyoti Vihar-768019

SAMBALPUR UNIVERSITY: JYOTI VIHAR: BURLA  
SAMBALPUR, ODISHA-768019

Proceedings of the meeting of the Board of Studies in..... Odia .....

Held at 12.30 PM on date 01/07/2021..... In the Administrative Building of the University.

MEMBER PRESENT:-

- |                       |     |
|-----------------------|-----|
| 1. Dr. Hari K. Panda. | 7.  |
| 2. Dr. Shyam Bhoi.    | 8.  |
| 3. Akhil Biswal.      | 9.  |
| 4. Dr. Naku Hansdab   | 10. |
| 5.                    | 11. |
| 6.                    | 12. |

BUSINESS TRANACTED:-

1. Sri/Dr./Prof. Naku Hansdab (Dean/Add.) P. G. Dept. of Odia  
S. U. has been elected as the  
Chairman of the Board for the current academic session 2020-2021.
2. Recommended the lists of Examiners, Paper Setters, Moderators and members of the  
Conducting Board for the following Examinations separately.
  - i) Recommended Examiners, Paper Setters, Moderators for all
  - ii) the examinations to be held during 2021-22.
  - iii)
  - iv)
  - v)

3. Recommended the list of Indian and Foreign Examiners for evaluating of Ph.D.  
Thesis of the following candidates separately.

- |                                 |                       |
|---------------------------------|-----------------------|
| 1. SARITA KINDO                 | 6. SURANJAN PRADHAN   |
| 2. SANJUKTA PADHI               | 7. RANJITA DAS        |
| 3. CHINMAYA SAHU                | 8. BIRENDRA KUTUR     |
| 4. NILAMADHABA CHHATRA          | 9. PUSPITA SUKLA      |
| 5. DR. MANAS KU. DAS (D. Litt.) | 10. PUSPANJALI RABANA |

(During consideration of examiners in respect of Sl. No. 1, 8, and 06.

Sri/Dr. Naku Hansdab & Dr. Shyam Bhoi

respectively remained absent in the meeting)

11. DR. ASHOK KUMAR CHOUDHURY (D. Litt.)
12. DR. PALLISHREE PATTANAYAK (D. Litt.)
13. DR. BHAGABAN PATEL (D. Litt.)
14. BISWAJITA BARIK
15. SATOSH KUMAR PATRA (D. Litt.)
16. JANJYASENT PRADHANI
17. SAPAN MISHRA

18. JAGANNATH JAYPURIYA

P.T.O.



4. Recommended no change/minor change/in the **Syllabus, Revised Syllabus** for the following examinations as in appendix \_\_\_\_\_ enclosed.

a) UG Syllabus no change.

b) Recommended ~~revise~~ PG. Syllabus as in appendix-A.


c) Recommended revise M.phil. Syllabus as in appendix B.

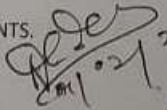
(The appendices will be submitted by the Chairman after checking of the typographical & error if any)


5 Recommended the following modification /amendments in the **regulation** for \_\_\_\_\_ Examinations.

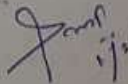
6. Other recommendations , if any.

SIGNATURE OF THE MEMBERS PRESENTS.

  
01/02/2021.

  
01/02/2021

  
01.9.98

  
1/2/21

ORC - 423

ଆଧୁନିକ ଉପାଦାନ (ମୂଳ୍ୟ ଲବ୍ଧ)

(iii)

ମାଧ୍ୟମିକ ମୂଲ୍ୟ: ଶୁଦ୍ଧତା, କ୍ଷମତା ଓ ନୂଆ ନୂଆ ଉପାଦାନ  
କାମରେ ଉପଯୋଗୀ ହେବାର ସମ୍ଭାବନା

(iv)

କାମରେ - ଗୋଟିଏ ନୂଆ ଉପାଦାନ ଉପରେ  
କାର୍ଯ୍ୟ କରିବା ସମ୍ଭାବନା

ଅନ୍ୟ ଉପାଦାନ ଓ

ପରିଷ୍କାର କରିବା ସମ୍ଭାବନା କାର୍ଯ୍ୟ କରିବା ସମ୍ଭାବନା ଓ ନୂଆ ଉପାଦାନ

କାର୍ଯ୍ୟ କରିବା ସମ୍ଭାବନା ଓ କାର୍ଯ୍ୟ କରିବା ସମ୍ଭାବନା (ମୁଖ୍ୟ-ଉପାଦାନ)

ପ୍ରମାଣ କ୍ରମେ ଉପାଦାନ ଓ କାର୍ଯ୍ୟ କରିବା ସମ୍ଭାବନା (ମୁଖ୍ୟ-ଉପାଦାନ)

~~ଅନ୍ୟ ଉପାଦାନ ଓ କାର୍ଯ୍ୟ କରିବା ସମ୍ଭାବନା~~

(i) କାର୍ଯ୍ୟ କରିବା ସମ୍ଭାବନା ଓ କାର୍ଯ୍ୟ କରିବା ସମ୍ଭାବନା

ଅନ୍ୟ ଉପାଦାନ ଓ କାର୍ଯ୍ୟ କରିବା ସମ୍ଭାବନା

ORC - 421

(ii) ଉପାଦାନ ଉପରେ କାର୍ଯ୍ୟ କରିବା ସମ୍ଭାବନା

ଅନ୍ୟ ଉପାଦାନ ଓ କାର୍ଯ୍ୟ କରିବା ସମ୍ଭାବନା

କାର୍ଯ୍ୟ କରିବା ସମ୍ଭାବନା ଓ କାର୍ଯ୍ୟ କରିବା ସମ୍ଭାବନା

କାର୍ଯ୍ୟ କରିବା ସମ୍ଭାବନା ଓ କାର୍ଯ୍ୟ କରିବା ସମ୍ଭାବନା

ଅନ୍ୟ ଉପାଦାନ ଓ କାର୍ଯ୍ୟ କରିବା ସମ୍ଭାବନା ଓ କାର୍ଯ୍ୟ କରିବା ସମ୍ଭାବନା

କାର୍ଯ୍ୟ କରିବା ସମ୍ଭାବନା ଓ କାର୍ଯ୍ୟ କରିବା ସମ୍ଭାବନା

ORC - 415

IV ଅନ୍ୟ ଉପାଦାନ ଓ କାର୍ଯ୍ୟ କରିବା ସମ୍ଭାବନା

କାର୍ଯ୍ୟ କରିବା ସମ୍ଭାବନା ଓ କାର୍ଯ୍ୟ କରିବା ସମ୍ଭାବନା

ORC - 511

iii ଓ ଅନ୍ୟ ଉପାଦାନ (Structuralism) ଉପରେ

IV ଓ ଅନ୍ୟ ଉପାଦାନ ଉପରେ (Functionalism)

ORC - 523

କାର୍ଯ୍ୟ କରିବା ସମ୍ଭାବନା ଓ କାର୍ଯ୍ୟ କରିବା ସମ୍ଭାବନା

କାର୍ଯ୍ୟ କରିବା ସମ୍ଭାବନା ଓ କାର୍ଯ୍ୟ କରିବା ସମ୍ଭାବନା (Research Methodology) ଉପରେ

(i) କାର୍ଯ୍ୟ କରିବା ସମ୍ଭାବନା ଓ କାର୍ଯ୍ୟ କରିବା ସମ୍ଭାବନା ଓ କାର୍ଯ୍ୟ କରିବା ସମ୍ଭାବନା

(ii) କାର୍ଯ୍ୟ କରିବା ସମ୍ଭାବନା ଓ କାର୍ଯ୍ୟ କରିବା ସମ୍ଭାବନା ଓ କାର୍ଯ୍ୟ କରିବା ସମ୍ଭାବନା

(iii) କାର୍ଯ୍ୟ କରିବା ସମ୍ଭାବନା ଓ କାର୍ଯ୍ୟ କରିବା ସମ୍ଭାବନା ଓ କାର୍ଯ୍ୟ କରିବା ସମ୍ଭାବନା

(iv) କାର୍ଯ୍ୟ କରିବା ସମ୍ଭାବନା ଓ କାର୍ଯ୍ୟ କରିବା ସମ୍ଭାବନା

ଅନ୍ୟ ଉପାଦାନ ଓ କାର୍ଯ୍ୟ କରିବା ସମ୍ଭାବନା

କାର୍ଯ୍ୟ କରିବା ସମ୍ଭାବନା ଓ କାର୍ଯ୍ୟ କରିବା ସମ୍ଭାବନା

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କାର୍ଯ୍ୟ କରିବା ସମ୍ଭାବନା ଓ କାର୍ଯ୍ୟ କରିବା ସମ୍ଭାବନା

ORC-422 (iii) ଫଳକ- ଉର୍ଦ୍ଧ ପର୍ଯ୍ୟାୟରୁ ବଦଳରେ  
 ଆରବମରେ କୋର୍ଡିନେଟିଭ୍ ସ୍ପିନ୍ - ଦିଗରେ ସ୍ପିନ୍, ହୋଲ୍ୟାଉଡ.

(iv) ଚୋକଣ- ହୂଲିକେଣ ପଣ୍ଡା ବଦଳରେ ଚୋକଣ- ଫ୍ଲୁଇଜାକାରି, ସିଏ ହୋଲ୍ୟାଉଡ

ଗନ୍ଧ ଫାଇବର ସ୍ପିନ୍ନିଂ ପ୍ରଣାଳୀ ସମ୍ବନ୍ଧେ

୧) ଗନ୍ଧ ଫାଇବର - ଚ. ଗୁଣସ୍ପନ୍ନ ଫାଇବର

ପ୍ରକାଶନ- ଯାହା କରେକ.

୨) ଗନ୍ଧ ପ୍ରକାଶନ - ଚ. ମାମା ଫାଇବର

ପ୍ରକାଶନ- ବିନାପୁରା କରେକ.

୩) ଓଡିଆ କାପା ସ୍ପିନ୍ନିଂ ଫାଇବର ଫାଇବର, ପ୍ର. କୃଷ୍ଣଚନ୍ଦ୍ର ପ୍ରକାଶନ

୪) ଓଡିଆ ଗୁଣସ୍ପନ୍ନ ଫାଇବର ଓ ହୁଲିକେଣ- ଚୋକେଣ୍ଡୁର ଫାଇବର ପ୍ରକାଶନ

~~୫) ଫାଇବର ଫାଇବର ଫାଇବର ଫାଇବର ଫାଇବର ଫାଇବର ଫାଇବର~~

ORC- 425.

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ORC- 511

ଫାଇବର ଫାଇବର

ଫାଇବର ଫାଇବର - ଚ. ଫାଇବର ଫାଇବର

ଫାଇବର ଫାଇବର ଫାଇବର - ଚ. ଫାଇବର ଫାଇବର

୧୨/୧୨/୨୨

୧୨/୧୨/୨୨

୧୨/୧୨/୨୨

୧୨/୧୨/୨୨

Unit - IV -

क - प्राकृत गोर कला

ख - प्राकृत शिल्प रूप (पश्चिम)

प्रश्न-उत्तर -

Unit - II

ख - उद्यान रचना शिल्पक रूपक उद्देश्य (एस्टेट एडर)

Unit - III

ग - प्राकृतिक उद्यान बर्दाशत का  
प्रकार वर्णन

Unit - I

ख - प्राकृतिक उद्यान का शिल्पक उद्देश्य उद्देश्य, उद्यानिका

प्रश्न-उत्तर - प्राकृतिक उद्यान

प्रकार - प्राकृतिक उद्यान

प्राकृतिक उद्यान का उद्देश्य -

उक्त प्राकृतिक उद्यान - प्राकृतिक उद्यान

प्राकृतिक उद्यान के उद्देश्य - प्राकृतिक उद्यान

OR - 514

प्राकृतिक उद्यान का उद्देश्य - प्राकृतिक उद्यान

OR 514-515 के प्राकृतिक उद्देश्य

प्राकृतिक उद्यान का उद्देश्य - प्राकृतिक उद्यान

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Controller of Examinations  
SAMBALPUR UNIVERSITY  
JYOTI VIHAR, BURLA,  
Sambalpur, Odisha, India.  
PIN-768 019.



PHONE and Fax: 0663-2430806  
e-mail: [coesuniv@suniv.ac.in](mailto:coesuniv@suniv.ac.in)  
Web-site: [www.suniv.ac.in](http://www.suniv.ac.in)

Accredited with 'A' Grade by NAAC

Most Urgent

( Both by Normal despatch and by e-mail)

No. 1406 Acd.-I

Dated: 25/02/2021

To

1. The Chairman, P.G. Council, Sambalpur University, Jyoti Vihar.
2. All the Heads, P.G. Departments of Sambalpur University, Jyoti Vihar.
3. The Director, SUIT, Sambalpur University, Jyoti Vihar.
4. The Principal, Dr. PMIASE, Sambalpur-768001.
5. The Principals of all the Affiliated Colleges under the jurisdiction of Sambalpur University.

Sub: - Implementation of UGC's directive on addition of compulsory course "Research and Publication Ethics (RPE)" in M.Phil. and Ph. D. programs starting from January- 2021.

Sir,

I am directed to intimate you that the Vice- Chancellor has been pleased to approve Implementation of UGC's directive on addition of compulsory course of 2 CH. "Research and Publication Ethics (RPE)" in M.Phil. and Ph. D. programs starting from January- 2021 under 6 (15) of O.U. Act - 1989 . The detail syllabus with Credit Hours has been attached with this mail in pdf. format and also it will be made available in the web-site of the university in the link [www.suniv.ac.in](http://www.suniv.ac.in) >> ACADEMIC >> REV. UG COMMON SYLLABI >> 32 Research and Publication Ethics (RPE).

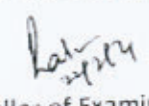
The necessary modification in the regulations concerned is under process and it will be communicated latter on .

You are requested to circulate / notify it among the students / teachers of your department. and to ensure teaching of the courses and conduct of the programs for the course accordingly. Errors and omissions, if any may be brought into the notice of the undersigned.

• This is for your information and necessary actions.

Yours faithfully,

Encl:- as above (in pdf. format)

  
Controller: of Examinations

P.T.O.

## Course structure

- The course comprises of six modules listed in table below. Each module has 4-5 units.

Modules	Unit title	Teaching hours
<b>Theory</b>		
RPE 01	Philosophy and Ethics	4
RPE 02	Scientific Conduct	4
RPE 03	Publication Ethics	7
<b>Practice</b>		
RPE 04	Open Access Publishing	4
RPE 05	Publication Misconduct	4
RPE 06	Databases and Research Metrics	7
	<b>Total</b>	<b>30</b>

## Syllabus in detail

### THEORY

- RPE 01: PHILOSOPHY AND ETHICS (3 hrs.)**
  - Introduction to philosophy: definition, nature and scope, concept, branches
  - Ethics: definition, moral philosophy, nature of moral judgements and reactions
- RPE 02: SCIENTIFIC CONDUCT (5hrs.)**
  - Ethics with respect to science and research
  - Intellectual honesty and research integrity
  - Scientific misconducts: Falsification, Fabrication, and Plagiarism (FFP)
  - Redundant publications: duplicate and overlapping publications, salami slicing
  - Selective reporting and misrepresentation of data
- RPE 03: PUBLICATION ETHICS (7 hrs.)**
  - Publication ethics: definition, introduction and importance
  - Best practices / standards setting initiatives and guidelines: COPE, WAME, etc.
  - Conflicts of interest
  - Publication misconduct: definition, concept, problems that lead to unethical behavior and vice versa, types
  - Violation of publication ethics, authorship and contributorship
  - Identification of publication misconduct, complaints and appeals
  - Predatory publishers and journals

### PRACTICE

- RPE 04: OPEN ACCESS PUBLISHING(4 hrs.)**

1. Open access publications and initiatives
2. SHERPA/RoMEO online resource to check publisher copyright & self-archiving policies
3. Software tool to identify predatory publications developed by SPPU
4. Journal finder / journal suggestion tools viz. JANE, Elsevier Journal Finder, Springer Journal Suggester, etc.

• **RPE 05: PUBLICATION MISCONDUCT (4hrs.)**

**A. Group Discussions (2 hrs.)**

1. Subject specific ethical issues, FFP, authorship
2. Conflicts of interest
3. Complaints and appeals: examples and fraud from India and abroad

**B. Software tools (2 hrs.)**

Use of plagiarism software like Turnitin, Urkund and other open source software tools

• **RPE 06: DATABASES AND RESEARCH METRICS (7hrs.)**

**A. Databases (4 hrs.)**

1. Indexing databases
2. Citation databases: Web of Science, Scopus, etc.

**B. Research Metrics (3 hrs.)**

1. Impact Factor of journal as per Journal Citation Report, SNIP, SJR, IPP, Cite Score
2. Metrics: h-index, g index, i10 index, altmetrics

**References**

- Bird, A. (2006). *Philosophy of Science*. Routledge.
- MacIntyre, Alasdair (1967) *A Short History of Ethics*. London.
- P. Chaddah, (2018) *Ethics in Competitive Research: Do not get scooped; do not get plagiarized*, ISBN:978-9387480865
- National Academy of Sciences, National Academy of Engineering and Institute of Medicine. (2009). *On Being a Scientist: A Guide to Responsible Conduct in Research: Third Edition*. National Academies Press.
- Resnik, D. B. (2011). What is ethics in research & why is it important. *National Institute of Environmental Health Sciences*, 1–10. Retrieved from <https://www.niehs.nih.gov/research/resources/bioethics/whatis/index.cfm>
- Beall, J. (2012). Predatory publishers are corrupting open access. *Nature*, 489(7415), 179–179. <https://doi.org/10.1038/489179a>
- Indian National Science Academy (INSA), *Ethics in Science Education, Research and Governance*(2019), ISBN:978-81-939482-1-7. [http://www.insaindia.res.in/pdf/Ethics\\_Book.pdf](http://www.insaindia.res.in/pdf/Ethics_Book.pdf)

SAMBALPUR UNIVERSITY: JYOTI VIHAR: BURLA  
SAMBALPUR, ODISHA-768019

Proceedings of the meeting of the Board of Studies in Political Science

Held at \_\_\_\_\_ on date 22.3.2021 in the Administrative Building of the University.

MEMBER PRESENT:-

- |                            |     |
|----------------------------|-----|
| 1. Prof. (or.) Johari Xaxa | 7.  |
| 2. Dr. S. P. Dash          | 8.  |
| 3. Dr. S. C. Patel         | 9.  |
| 4. Dr. R. K. Kujur         | 10. |
| 5.                         | 11. |
| 6.                         | 12. |

BUSINESS TRANSACTED:-

1. Sri/Dr/Prof Johari Xaxa (Dean/Add.) \_\_\_\_\_ has been elected as the Chairman of the Board for the current academic session 2020-21.
2. Recommended the lists of Examiners, Paper Setters, Moderators and members of the Conducting Board for the following Examinations separately.
  - i) U.G
  - ii) PG
  - iii)
  - iv)
  - v)
3. Recommended the list of Indian and Foreign Examiners for evaluating of Ph.D. Thesis of the following candidates separately.

1. Khyatimaya Tripathy	6. Puspitarcai Bardhan
2. Dr. Suresh Sudangi (D.Litt)	7. Prafulla Lakra
3. Dipti mayee Seth	8. Bidyut prava Mahakud
4. Ashok <sup>K</sup> Maharana	9. Bibekananda Behera
5. Nepala Sethi	10.

(During consideration of examiners in respect of Sl. No. 182-384-5,687-889 - Sri/Dr. S. P. Dash; Prof. Johari Xaxa; Dr. R. K. Kujur; Dr. S. C. Patel respectively.

\_\_\_\_\_ respectively remained absent in the meeting)



4. Recommended ~~no change/minor change~~ in the Syllabus, Revised Syllabus for the following examinations as in appendix MA enclosed.

5. Recommended the following modification /amendments in the regulation for nil Examinations.

6. Other recommendations, if any. nil

SIGNATURE OF THE MEMBERS PRESENTS.

[Signature]

[Signature]

[Signature]

[Signature]

MA (Political Science)  
Course Structure  
Effective from the Session 2021

**Semester-I**

Course No.	Paper
PSC-101	Modern Political Theory
PSC-102	Indian Political Tradition
PSC-103	Western Political Thinkers-I
PSC-104	Public Administration: Principles and Theories
PSC-105	Theories of International Politics

**Semester-II**

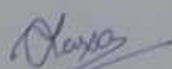
PSC-201	Political Theory: Issues, Ideologies and Debates
PSC-202	Western Political Thinkers-II
PSC-203	Administrative Theory
PSC-204	Emerging Issues in Contemporary Indian Politics
PSC-205	Contemporary Themes of International Relations

**Semester-III**

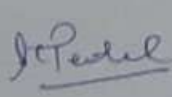
PSC-301	Contemporary Political Thought
PSC-302	Political Sociology
PSC-303	Indian Political System: Institutional Dynamics
PSC-304	Democracy and Human Rights in India
PSC-305	India and the World

**Semester-IV**

PSC-401	Comparative Political Analysis
PSC-402	International Organizations and Administration
PSC-403	Research Methodology in Political Science
PSC-404	Indian Administration
PSC-405	Elective Papers
	Ethics & Politics
	Political Process in Odisha
	Public Policy in India
	Social Exclusion: Theory and Practice
	Ambedkar in Contemporary India



(Prof. J. Xaxa)



(Dr. S.C. Patil)



(Dr. R.K. Khajuria)



(Dr. S.P. Dash)

**COURSES OF STUDIES  
MASTER OF SOCIAL WORK**

### Course Structure

#### 1st Semester

MSW-411: History and Philosophy of Social Work (4 CH)  
MSW-412: Social Problem and Social Development (4 CH)  
MSW-413: Social Work Research and Quantitative Analysis (4 CH)  
MSW-414: Human Growth and Development (4 CH)  
MSW-415-a: Social Work Practicum-I (Structured Experience Laboratory and Research Methodology Practical) (2 CH)  
MSW-415-a: Social Work Practicum-II (Skill Development Assessment) (2 CH)  
Non-credit Course: IT in Social Sector

#### 2nd Semester

MSW-421: Social Exclusion and Inclusive Policy (4 CH)  
MSW-422: Rehabilitation and Resettlement (4 CH)  
MSW-423: Social Work Methods (4 CH)  
MSW-424: Women & Development (4CH)  
MSW-425 -a- Social Work Practicum-III (Concurrent fieldwork - Community Placement) (2 CH)  
MSW-425 -b Social Work Practicum-IV (Learning Social Work through Participatory Approach) (2 CH)  
Non-credit Course-I: Community Intervention and Entrepreneurship Development  
Non-credit Course-II: Summer Internship

#### 3rd Semester

MSW-511: Ideology and Ethics of Social Work (4 CH)  
MSW-512: Social Legislation and labour Welfare (4 CH)  
MSW-513: Vulnerable Children and their Development (4 CH)  
MSW-514: Elective Course (A student has to select any one of the following elective courses)  
1. Human Resource Development-I ((4 CH)  
2. Community Development-I (4 CH)  
MSW-515 -a- Social Work Practicum-V (Concurrent fieldwork - Agency Placement) (2 CH)  
MSW-515-b-Social Work Practicum-VI (Micro Level Study on Social Exclusion) (2CH)  
Non-credit Course: Disaster Preparedness and Management

#### 4th Semester

MSW-521: Social Work Administration (4 CH)  
MSW-522: Corporate Social Responsibility (4 CH)  
MSW-523: Poverty Reduction & Livelihood Promotion (4 CH)  
MSW-524: Elective Course - 1. Human Resource Development-II ((4 CH)  
2. Community Development-II (4 CH)  
MSW-525- Dissertation Writing & Viva-Voce (4 CH)  
Non-credit Course-I: Fundamental of Medical Social Work  
Non-credit Course-II: Block Field Work Placement

Total = 80 CH

  
Co-ordinator  
P.G. Department of Social Work  
Sambalpur University