

CERTIFICATE

Minutes of the meeting of Board of Studies of affiliating university are not provided to the members after the meeting, and are only available with university. Consequently college is unable to furnish the details and documents. The university letters of meeting and appointment letters of member have already been submitted. Kindly consider.

Asomish
Principal

Principal
Govt. Kamla Devi Rathi Mahila PG
Mahavidyalaya, Rajnandgaon (C.G.)



1.2.1 Percentage of programs in which Choice Based Credit System (CBCS)/elective course system has been implemented (10)

S. No	Programme Code	Programme name	Year of Introduction	Status of implementation of CBCS / elective course system (Yes/No)	Year of implementation of CBCS / elective course system	Link to the relevant document
1	007	B.Com	1984-85	Yes	1984-85	http://www.govtkdmcollegerjn.com/Content/254_210_1.2.1.pdf
2	220	M.Sc Zoology	2009-10	Yes	2009-10	http://www.govtkdmcollegerjn.com/Content/254_210_1.2.1.pdf
3	214/216	M.Sc Botany	2013-14	Yes	2009-10	http://www.govtkdmcollegerjn.com/Content/254_210_1.2.1.pdf
4	136	M.A. Psychology	1984-85	Yes	1984-85	http://www.govtkdmcollegerjn.com/Content/254_210_1.2.1.pdf
5	132	M.A. Geography	2009-10	Yes	2009-10	http://www.govtkdmcollegerjn.com/Content/254_210_1.2.1.pdf
6	208	M.Sc Chemistry	2009-10	Yes	2009-10	http://www.govtkdmcollegerjn.com/Content/254_210_1.2.1.pdf

Principal
Ashwini
Principal
Govt. Kamla Devi Rathi Mahila PG
Mahavidyalaya, Rajnandgaon (C.G.)

**HEMCHAND YADAV VISHWAVIDYALAYA,
DURG (C.G.)**

Website - www.durguniversity.ac.in, Email - durguniversity@gmail.com



**SCHEME OF EXAMINATION
&
SYLLABUS
of
M.Sc. (Zoology) Semester Exam
UNDER
FACULTY OF SCIENCE
Session 2021-22**

**(Approved by Board of Studies)
Effective from June 2021**

Fourth MAY- JUNE, 2019	I	Biochemistry	80	20	4
	II	Neurophysiology	80	20	4
Optional papers (Group I)*					
	I	Fish (ichthyology) structure and function	80	20	4
	II	Cell biology	80	20	4
	III	Entomology	80	20	4
	IV	Wild life conservation	80	20	4
	V	Biology of Vertebrate immune system	80	20	4
Optional paper (Group II)*					
	I	Pisci culture and economic importance of fishes (Ichthyology)	80	20	4
	II	Cellular organization and molecular organization	80	20	4
	III	Applied entomology	80	20	4
	IV	Environment and Biodiversity conservation	80	20	4
	V	Molecular endocrinology and reproductive technology	80	20	4
	LC-I	Lab Course I (Based on paper I & II)	80	20	2
	LC-II	Lab Course I (Based on paper III & IV)	80	20	2
Total			1920	480	80

* Student has to choose one optional paper (special paper) from group I & group II.

* Each theory paper will have 5 questions of equal marks. First question will encompass all the four units without any internal choice, whereas rest questions will be unit wise with internal choice.

UGC guideline should be followed strictly for animal dissections. Animal dissections can be performed by using alternate methods like clay modeling.

**The respective teachers on each paper will ensure the internal evaluation by a class test and a seminar/poster presentation of 10 marks each and submit the foil and counter foil to the HOD by the end the activity.

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शास.कमलादेवी महिला महाविद्या
राजनांदगाँव (छ.ग.)

Semester	Paper	Title	External marks	Internal marks	Credit
First	I	Cytology	80	20	4
	II	Genetics	80	20	4
	III	Microbiology, Phycology and Mycology	80	20	4
	IV	Bryophyte, Pteridophyta and Gymnosperm	80	20	4
	LC - I	Lab Course-I (Based on paper I &III)	80	20	4
	LC - II	Lab Course-II (Based on paper II &IV)	80	20	4
	Second	I	Taxonomy and diversity of plants	80	20
II		Molecular Biology	80	20	4
III		Plant physiology	80	20	4
IV		Plant metabolism	80	20	4
LC-I		Lab Course-I (Based on paper I &II)	80	20	4
LC-II		Lab Course-II (Based on paper III &IV)	80	20	4
Third		I	Plant development and plant resources	80	20
	II	Plant Ecology- I (Ecosystem and vegetation ecology)	80	20	4
	III	Biotechnology I (Genetic engineering of plants & microbes)	80	20	4
	IV	Elective paper-1 Molecular plant pathology-I OR Elective paper-II Limnology-I OR Elective paper-III Ethno botany I	80	20	4
	LC-I	Lab Course-I (Based on paper I &II)	80	20	4
	LC-II	Lab Course-II (Based on paper III &IV)	80	20	4


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Elective Courses

Fourth	I	Plant reproduction and plant resources utilization	80	20	4
	II	Plant Ecology II (Pollution and biodiversity conservation)	80	20	4
	III	Biotechnology II (Plant cell, tissue culture & organ culture)	80	20	4
	IV	Elective paper-1 Molecular plant pathology-II OR Elective paper-II Limnology-II OR Elective paper-III Ethno botany II	80	20	4
	LC-I	Lab Course-I (Based on paper I &II)	80	20	4
	LC-II	Lab Course-II (Based on paper III &IV)	80	20	4

Choice Based Credit System: Semester II Course Forestry seed Technology.
Marks 100, Credit Points -03, Total Hours -50

Choice Based Credit System: Semester III Course Environmental Science.
Marks 100, Credit Points -03, Total Hours -50

- Each theory paper will have 5 questions of equal marks. First question will encompass all the five units without internal choice, whereas rest questions will be unit wise with internal choice.
- The respective teachers on each paper will ensure the internal evaluation by a class test and a seminar / poster presentation of 20 marks each and submit the foil and counter foil to the HOD by the end of the activity.


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राजनांदगाँव (उ.ग.)

Hemchand Yadav Vishwavidyalaya, Durg (C.G.)

M.A./M. Sc. GEOGRAPHY SEMESTER IV

M.A./M.Sc. Geography Semester IV shall consist the following papers:

S. No.	Paper	Title	M. M.		
			Written	Int. Ass.	Total
1.	XVI	Urban Geography	80	20	100
2.	XVII	Agricultural Geography	80	20	100
3.	XVIII (A)	Geographical Information System	80	20	100
	OR	OR			
4.	XVIII (B)	Environmental Geography	80	20	100
5.	XIX	Field Work (Physical and Socio- Economic)	---	---	100
6.	XX	Practical-IV :Geographical Information System and Quantitative Techniques	---	---	100

1. The M.A./M.Sc. Semester IV examination in Geography shall consist of 500 marks.

There shall be three theory papers and one Field Work report each of 100 marks and one practical of 100 marks as follows.

S. No.	Paper	Title
1.	XVI	: Urban Geography
2.	XVII	: Agricultural Geography
3.	XVIII (A)	: Geographical Information System
	OR	
4.	XVIII (B)	: Environmental Geography
5.	XIX	: Field Work (Physical and Socio- Economic)
6.	XX	: Practical-IV: Geographical Information System and Quantitative Techniques

2. The theory papers shall be of three hours duration.

3. Candidates will be required to pass separately in theory and practical examinations.

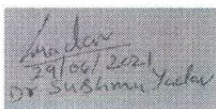
4. Candidates will be required to submit their Field Report in three copies in hard bound at least one hundred pages for Valuation.

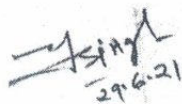
5. (a) In the practical examination the following shall be the allotment of time and marks

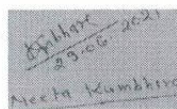
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|-------|-----------------------------|-----|
| (i) | Practical record | 20% |
| (ii) | Lab Work (up to Four Hours) | 70% |
| (iii) | Viva on i & ii above | 10% |

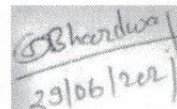
(b) The external and internal examiners shall jointly submit marks.

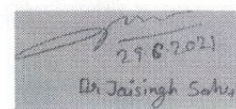
(c) All the candidates shall present at the time of practical examination their practical record regularly signed by the teacher concerned.


29/06/2021
Dr. Sushmita Yadav


29.6.21


29.6.2021
Neeta Kumbhkar


29/06/2021


29.6.2021
Dr. Jaishankar Sahas

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राजनांदगाँव (ड.ग.)

M. A. – III SEMESTER (PSYCHOLOGY)

The curriculum frame – work is as under.

COMPULSORY PAPERS (Two)

No. of Paper	Name of Paper	MARKS		HOUR
		Theory	Internal Assessment	
(XI)	Personality and Indigenous Psychology	80	20	3 hours
(XII)	Psychological Assessment - I	80	20	3 hours
Optional Papers : Two papers from any one of the three groups				
Group A : Psychology of Management				
(XIII)	Organizational Behaviour - I	80	20	3 hours
(XIV)	Human Resource Development and Management -I	80	20	3 hours
Group B : Psychology of Education				
(XIII)	Educational and Instructional Psychology - I	80	20	3 hours
(XIV)	Basics of Psychological Guidance and Counselling -I	80	20	3 hours
Group C : Clinical Psychology				
(XIII)	Clinical Diagnosis - I	80	20	3 hours
(XIV)	Psychotherapeutic Counselling - I	80	20	3 hours
(XV)	Practicum	100		4 hours

NOTE: Internal Assessment will be done on the basis of Class Testing/Seminar/Tutorials.

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राजनांदगाँव (छ.ग.)

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10/3/21

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10.3.21

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10.03.21

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10.03.21

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10/3/21

M. A. – IV SEMESTER (PSYCHOLOGY)

The curriculum frame – work is as under.

COMPULSORY PAPERS (Two)

No.of Paper	Name of Paper	Marks		Hours
		Theory	Internal Assessment	
(XVI)	Life Span development	80	20	3 hours
(XVII)	Psychological Assessment - II	80	20	3 hours
	Optional Papers : Two papers from any one of the three groups			
	Group A : Psychology of Management			
(XVIII)	Organizational Behaviour - II	80	20	3 hours
(XIX)	Human Resource Development and Management -II	80	20	3 hours
	Group B : Psychology of Education			
(XVIII)	Educational and Instructional Psychology - II	80	20	3 hours
(XIX)	Basics of Psychological Guidance and Counselling -II	80	20	3 hours
	Group C : Clinical Psychology			
(XVIII)	Clinical Diagnosis and community Mental Health - II	80	20	3 hours
(XIX)	Psychotherapeutic Counselling - II	80	20	3 hours
(XX)	Practicum	100		4 hours

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10/3/21

Devi
10.3.21

Devi
10.03.21

Devi
10.03.21

Devi
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राजनांदगाँव (छ.ग.)

Devi
10/3/21

Hemchand Yadav Vishwavidyalaya, Durg (C.G.)

SYLLABUS

B.COM. PART-III

GROUPING OF SUBJECTS AND SCHEME OF EXAMINATION

Subject		Max.	Min.
Foundation Course			
I. Hindi Language		75	26
II. English Language		75	26
Compulsory Groups			
Group-I			
I. Income Tax	75	150	50
II. Auditing	75		
Group-II			
I. Indirect Taxes with GST	75	150	50
II. Management Accounting	75		
Group-III Optional			
Option Group A (Finance Area)			
I. Financial Management	75	150	50
II. Financial Market Operations	75		
Option Group B (Marketing Area)			
I. Principles of Marketing	75	150	50
II. International Marketing	75		
Option Group C (Commercial Area)			
I. Information Technology and its Applications in Business	75	150	50
II. Essential of e-Commerce	75		
Option Group D (Money Banking & Insurance Area)			
I. Fundamental of Insurance	75	150	50
II. Money & Banking System	75		

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20/6/19

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20/6/19

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20/6/19

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राजनांदगाँव (छ.ग.)

SEMESTER -IV (20 CREDIT)

THEORY (16 CREDIT)

PAPER	COURSE	CREDIT	DURATION	INTERNAL ASSESSMENT	THEORY MARKS	TOTAL MARKS
CH - 19	INSTRUMENTAL METHODS OF ANALYSIS	4	3 Hrs	20	80	100
CH - 20	NATURAL PRODUCT AND MEDICINAL CHEMISTRY	4	3 Hrs	20	80	100
CH - 21	MATERIAL AND NUCLEAR CHEMISTRY	4	3 Hrs	20	80	100
CH - 22	ENVIRONMENTAL & APPLIED CHEMICAL ANALYSIS	4	3 Hrs	20	80	100
OPTIONAL PAPERS						
In place of CH 22 students can opt any optional papers CH 22a to CH 22c						
CH - 22 a	CHEMISTRY OF SURFACTANTS	4	3 HRS	20	80	100
22 b	NANOCHEMISTRY	4				
22 c	POLYMERS	4				

PRACTICAL (4 CREDIT)

PAPER	COURSE	CREDIT	DURATION	MARKS
CH - 23	Lab Course - VII	2	8 Hrs.	100
CH - 24	Lab Course - VIII	2	8 Hrs.	100

SCHEME FOR PRACTICAL EXAMINATION

EXPERIMENT	MARKS
Experiments	60
Viva-voce	20
Sessional Marks	20
TOTAL MARKS	100

Alankar
28.06.21
(Dr. Alka Tejasani)

Bose
28.06.2021
(Dr. C. Bose)

Rajmani
28.06.2021
(Dr. Rajmani Patel)

Agarwal
28.6.2021

Logan
28.06.2021
Jagrit Kumar

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शास.कमलादेवी महिला महाविद्या
राजनांदगाँव (छ.ग.)

हेमचंद यादव विश्वविद्यालय,
दुर्ग (छ.ग.)



एम. एस-सी. रसायन शास्त्र
पाठ्यक्रम
सेमेस्टर परीक्षा- 2021-23

SYLLABUS

M. Sc. CHEMISTRY

SEMESTER EXAMINATION

2021-2023

(Dr. Anil Tiwari)
28.06.21

(Dr. C. Bera)
28.06.2021

(Dr. Rajmani Patel)
28.06.2021

(Dr. ...)
28.6.2021

(Dr. ...)
28.6.2021

Alomish
Principal

Govt. Kamla Devi Rathi Mahila PG
Mahavidyalaya, Rajnandgaon (C.G.)

SEMESTER -IV (20 CREDIT)

THEORY (16 CREDIT)

PAPER	COURSE	CREDIT	DURATION	INTERNAL ASSESSMENT	THEORY MARKS	TOTAL MARKS
CH - 19	INSTRUMENTAL METHODS OF ANALYSIS	4	3 Hrs	20	80	100
CH - 20	NATURAL PRODUCT AND MEDICINAL CHEMISTRY	4	3 Hrs	20	80	100
CH - 21	MATERIAL AND NUCLEAR CHEMISTRY	4	3 Hrs	20	80	100
CH - 22	ENVIRONMENTAL & APPLIED CHEMICAL ANALYSIS	4	3 Hrs	20	80	100
OPTIONAL PAPERS						
In place of CH 22 students can opt any optional papers CH 22a to CH 22c						
CH - 22 a	CHEMISTRY OF SURFACTANTS	4	3 HRS	20	80	100
22 b	NANOCHEMISTRY	4				
22 c	POLYMERS	4				

PRACTICAL (4 CREDIT)

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CH - 23	Lab Course - VII	2	8 Hrs.	100
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SCHEME FOR PRACTICAL EXAMINATION

EXPERIMENT	MARKS
Experiments	60
Viva-voce	20
Sessional Marks	20
TOTAL MARKS	100

(Dr. Anil Tripathi)
20.06.2021

(Dr. C. Bose)
20.06.2021

(Dr. Rajmani Patel)
20.06.2021

(Dr. ...)
20.06.2021

(Dr. ...)
20.06.2021

Abanish
Principal

**Govt. Kamla Devi Rathi Mahila PG
Mahavidyalaya, Rajnandgaon (C.G.)**