



## **JAYWANTI HAKSAR GOVT. PG COLLEGE, BETUL**

Office: Civil Lines, Betul (M.P.) 460001 Tel: 07141- 234244  
E-mail: hegjhpgcbet@mp.gov.in Website: www.jhgovtbetul.com



### **3<sup>RD</sup> CYCLE ASSESSMENT AND ACCREDITATION BY NAAC**

## **Criterion – 1**

### **Curricular Aspects**

#### **1.1: Curricular Planning and Implementation**

**1.1.1: The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment**



जयवन्ती हॉक्सर शासकीय स्नातकोत्तर महाविद्यालय, बैतूल (मप्र)

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Betul, Date 07/07/2023

### DECLARATION

The information, reports, true copies of the supporting documents, numerical data etc. furnished in this file are verified by IQAC and found correct.

Hence this certificate.

Dr Meenakshi Choubey  
Coordinator, IQAC

COORDINATOR  
INTERNAL QUALITY ASSURANCE CELL  
JH GOVT. PG COLLEGE, BETUL, (M.P.)

Dr Rakesh Tiwari  
Principal

PRINCIPAL  
J.H. GOVT. PG. COLLEGE  
BETUL (M.P.)



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## Academic Calendar 2020-21

उच्च शिक्षा विभाग, म.प्र.

परिशिष्ट - 1

### अकादमिक कैलेंडर सत्र 2020-21 (सेमेस्टर कक्षाओं के लिए प्रभावशील)

| अकादमिक कार्य                                | स्नातकोत्तर प्रथम                | स्नातकोत्तर तृतीय                  | स्नातकोत्तर द्वितीय        | स्नातकोत्तर चतुर्थ              |
|----------------------------------------------|----------------------------------|------------------------------------|----------------------------|---------------------------------|
| आरंभिक कक्षाएँ                               | 1 अक्टूबर 2020                   | 01 सितम्बर 2020                    | 1 फरवरी 2021               | 25 जनवरी 2021                   |
| शैक्षणिक कार्य                               | 01 अक्टूबर 2020 से 15 जनवरी 2021 | 01 सितम्बर 2020 से 25 दिसम्बर 2020 | 1 फरवरी 2021 से 11 मई 2021 | 25 जनवरी 2021 से 30 अप्रैल 2021 |
| सी.सी. ई. कार्य                              | नवम्बर 2020 अंतिम सप्ताह         | नवम्बर 2020 प्रथम सप्ताह           | मार्च 2021 अंतिम सप्ताह    | मार्च 2021 तृतीय सप्ताह         |
| प्रायोगिक परीक्षाएँ                          | जनवरी 2021 प्रथम सप्ताह          | दिसम्बर 2020 अंतिम सप्ताह          | मई 2021 द्वितीय सप्ताह     | मई 2021 प्रथम सप्ताह            |
| परीक्षा पूर्व तैयारी अवकाश                   | -                                | 01 जनवरी 2021 से 03 जनवरी 2021     | 14 मई 2021 से 16 मई 2021   | 07 मई 2021 से 09 मई 2021        |
| सेमेस्टर एवं एटीकेटी परीक्षा                 | 16 जनवरी 2021 से 30 जनवरी 2021   | 04 जनवरी 2021 से 18 जनवरी 2021     | 17 मई 2021 से 05 जून 2021  | 10 मई 2021 से 22 मई 2021        |
| सेमेस्टर अंतराल (ब्रेक) विद्यार्थियों के लिए | -                                | 19 जनवरी 2021 से 23 जनवरी 2021     | 06 जून 2021 से 30 जून 2021 | -                               |
| परीक्षा परिणामों की घोषणा                    | मार्च 2021 प्रथम सप्ताह          | मार्च 2021 प्रथम सप्ताह            | जुलाई 2021 प्रथम सप्ताह    | जून 2021 द्वितीय सप्ताह         |

- छात्रसंघ गठन : नवम्बर - 2020
- खेलकूद/एन.सी.सी./एन.एस.एस./युवा उत्सव/दीक्षान्त समारोह एवं अन्य गतिविधियाँ : माह दिसम्बर 2020 तक पूर्ण कर ली जाएँ
- दीपावली अवकाश : दिनांक 11 नवम्बर से 17 नवम्बर 2020 तक (05 कार्य दिवस)
- स्नेह सम्मेलन/वार्षिकोत्सव/पुरस्कार वितरण वार्षिक पत्रिका का प्रकाशन एवं विनोदन : फरवरी 2021 द्वितीय सप्ताह (अधिकतम 04 कार्य दिवस)

टीप :-

- अपरिहार्य कारणवश शैक्षणिक कार्य निर्धारित मानक दिवसों से कम होने के कारण समस्त महाविद्यालय/विधि अपने-अपने स्तर पर शैक्षणिक कालखण्डों की अवधि में आवश्यकतानुसार वृद्धि कर शैक्षणिक दिवसों की पूर्ति की जाये ताकि अकादमिक कैलेंडर का पालन समयानुसार सुनिश्चित किया जा सके।
- सत्र 2020-21 के अंतर्गत स्नातकोत्तर तृतीय सेमेस्टर में ऑनलाइन प्रवेश प्रक्रिया को अपनाते हुए शैक्षणिक कार्य प्रारंभ करना सुनिश्चित किया जाये।

प्रवेश नियम एवं मार्गदर्शी सिद्धांत 2020-21

26/29



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जयवन्ती हॉक्सर शासकीय स्नातकोत्तर महाविद्यालय, बैतूल (मप्र)

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परिशिष्ट - 2

सत्र 2020-21 अकादमिक कैलेंडर  
(वार्षिक पद्धति-स्नातक प्रथम/द्वितीय/तृतीय वर्ष कक्षाओं हेतु प्रभावशील)

| स.क्र                                                                            | विवरण                                                                                        | तिथि                                                                                                                                                   |
|----------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1.                                                                               | प्रवेश प्रारंभ                                                                               | अगस्त 2020                                                                                                                                             |
| 2.                                                                               | शिक्षण कार्य प्रारंभ                                                                         | प्रथम वर्ष हेतु 01 अक्टूबर 2020<br>द्वितीय वर्ष एवं तृतीय वर्ष हेतु 01 सितम्बर 2020                                                                    |
| 3.                                                                               | स्थानांतरण प्रकरणों को छोड़कर अन्य सभी प्रवेश बन्द                                           | 30 सितम्बर 2020                                                                                                                                        |
| 4.                                                                               | संकाय परिवर्तन/विषय परिवर्तन/प्रवेश समस्या निवारण शिविर (केवल प्रथम वर्ष के विद्यार्थी हेतु) | प्रवेश समाप्ति के पश्चात एक सप्ताह तक                                                                                                                  |
| <b>छात्र संघ/सांस्कृतिक, साहित्यिक/ खेलकूद एवं अन्य महाविद्यालयीन गतिविधियाँ</b> |                                                                                              |                                                                                                                                                        |
| 1.                                                                               | छात्रसंघ गठन                                                                                 | नवम्बर 2020                                                                                                                                            |
| 2.                                                                               | विश्वविद्यालयीन/महाविद्यालयीन/जिला/संभाग/राज्य स्तरीय प्रतिस्पर्धाएं                         | ये सभी गतिविधियाँ माह दिसम्बर 2020 तक पूर्ण कर ली जाएं।                                                                                                |
| 3.                                                                               | खेलकूद/एन.सी.सी./एन.एस.एस./युवा उत्सव/दीक्षान्त समारोह एवं अन्य गतिविधियाँ                   |                                                                                                                                                        |
| 4.                                                                               | वार्षिक स्नेह सम्मेलन/वार्षिक पत्रिका का प्रकाशन एवं विमोचन                                  | फरवरी द्वितीय सप्ताह 2021 (अधिकतम 04 कार्य दिवस)                                                                                                       |
| <b>आंतरिक मूल्यांकन/वार्षिक परीक्षाएँ</b>                                        |                                                                                              |                                                                                                                                                        |
| 1.                                                                               | पूरक परीक्षा प्रारंभ                                                                         | 16.10.2020 से 23.10.2020                                                                                                                               |
| 2.                                                                               | पूरक परीक्षा परिणाम की घोषणा                                                                 | नवम्बर 2020                                                                                                                                            |
| 3.                                                                               | तिमाही परीक्षा आंतरिक मूल्यांकन                                                              | दिसम्बर प्रथम सप्ताह 2020                                                                                                                              |
| 4.                                                                               | छ:माही आंतरिक मूल्यांकन                                                                      | फरवरी प्रथम सप्ताह 2021                                                                                                                                |
| 5.                                                                               | सैद्धान्तिक परीक्षा कार्यक्रम की विस्तृत घोषणा                                               | मार्च प्रथम सप्ताह 2021                                                                                                                                |
| 6.                                                                               | स्नातक कक्षाओं की प्रायोगिक परीक्षाओं की तिथि                                                | प्रथम वर्ष हेतु 22 मार्च 2021 से 31 मार्च 2021<br>द्वितीय वर्ष हेतु 16 मार्च 2021 से 25 मार्च 2021<br>तृतीय वर्ष हेतु 05 मार्च 2021 से 15 मार्च 2021   |
| 7.                                                                               | परीक्षा पूर्व तैयारी अवकाश                                                                   | प्रथम वर्ष हेतु 01 अप्रैल 2021 से 05 अप्रैल 2021<br>द्वितीय वर्ष हेतु 26 मार्च 2021 से 31 मार्च 2021<br>तृतीय वर्ष हेतु 16 मार्च 2021 से 20 मार्च 2021 |
| 8.                                                                               | वार्षिक परीक्षा                                                                              | प्रथम वर्ष हेतु 06 अप्रैल 2021 से 15 मई 2021<br>द्वितीय वर्ष हेतु 01 अप्रैल 2021 से 15 मई 2021<br>तृतीय वर्ष हेतु 22 मार्च 2021 से 15 अप्रैल 2021      |
| 9.                                                                               | अंतिम वर्ष परीक्षा परिणाम घोषित होने की तिथि                                                 | 15 मई 2021                                                                                                                                             |
| <b>विश्रामावकाश</b>                                                              |                                                                                              |                                                                                                                                                        |
| 1.                                                                               | दीपावली                                                                                      | दिनांक 11 नवम्बर से 17 नवम्बर 2020 तक (05 कार्य दिवस)                                                                                                  |
| 2.                                                                               | ग्रीष्म अवकाश (शिकारों हेतु)                                                                 | 17.05.2021 से 25.06.2021<br>(कुल 40 कार्य दिवस)                                                                                                        |

नोट :-सत्र 2020 के अंतर्गत स्नातक द्वितीय/तृतीय वर्ष में ऑनलाइन प्रवेश प्रक्रिया को अपनाते हुए शैक्षणिक कार्य प्रारंभ किया जाए।



प्रवेश निवेश एवं सार्वादर्शी सिद्धांत 2020-21

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जयवन्ती हॉक्सर शासकीय स्नातकोत्तर महाविद्यालय, बैतूल (मप्र)

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उच्च शिक्षा विभाग, म.प्र.

कार्य दिवसों की गणना सत्र 2020-21

(वार्षिक पद्धति-स्नातक प्रथम/द्वितीय/तृतीय वर्ष कक्षाओं हेतु प्रभावशील)

| (अ) | अवकाश एवं शैक्षणिक गतिविधियों का विवरण                                                               |                         |
|-----|------------------------------------------------------------------------------------------------------|-------------------------|
| 1.  | रविवार                                                                                               | 52                      |
| 2.  | सामान्य अवकाश                                                                                        | 18 कार्य दिवस           |
| 3.  | स्थानीय अवकाश                                                                                        | 03 कार्य दिवस           |
| 4.  | दीपावली अवकाश                                                                                        | 05 कार्य दिवस           |
| 5.  | छात्रसंघ गठन/महाविद्यालयीन सांस्कृतिक गतिविधियां आदि                                                 | 04 कार्य दिवस           |
| योग |                                                                                                      | 82                      |
| (ब) | परीक्षा/ग्रीष्मावकाश के अशैक्षणिक दिवस                                                               |                         |
| 2.  | परीक्षा पूर्व तैयारी                                                                                 | 06 कार्य दिवस           |
| 3.  | परीक्षा अवधि                                                                                         | 33 कार्य दिवस           |
| 4.  | ग्रीष्मावकाश अवकाश (35 कार्य दिवस + 05 रविवार = कुल 40 दिवस)                                         | 35 कार्य दिवस           |
| योग |                                                                                                      | 73 कार्य दिवस           |
| (स) | कुल अशैक्षणिक दिवस (अ+ब) (82+73) = 155                                                               | 155 कार्य दिवस          |
| (द) | कुल शैक्षणिक दिवस (316*-155) = 161<br>* जुलाई, अगस्त के कुल 49 कार्य दिवस घटाने पर<br>(365-49) = 316 | 161 शैक्षणिक कार्य दिवस |

नोट- अपरिहार्य कारणवश शैक्षणिक कार्य निर्धारित मानक 180 दिवसों से कम होने के कारण समस्त महाविद्यालय/विधि अपने-अपने स्तर पर शैक्षणिक कालखण्डों की अवधि में आवश्यकतानुसार वृद्धि कर शैक्षणिक दिवसों की पूर्ति की जाये ताकि अकादमिक कैलेंडर का पालन समयानुसार सुनिश्चित किया जा सके।

उपे साधव  
मध्यप्रदेश शासन  
उच्च शिक्षा विभाग



प्रवेश नियम एवं मार्गदर्शी सिद्धांत 2020-21

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## Department wise Timetable

Department of Botany Time Table 2020-21  
J. H. Govt P.G. College Betul (MP)

| Time             | 11:20 - 12:00            | 12:00 - 12:40             | 12:40 - 1:20               | 1:20 - 2:00              | 2:00 - 2:40               | 2:40 - 3:20                | 3:20 - 4:00 |
|------------------|--------------------------|---------------------------|----------------------------|--------------------------|---------------------------|----------------------------|-------------|
| <b>Monday</b>    | B.Sc. I year<br>Prac. AM |                           |                            | B.Sc. I year<br>Theo. AM |                           |                            |             |
|                  |                          | B.Sc. II year<br>Prac. AS |                            |                          | B.Sc. II year<br>Theo. AS |                            |             |
|                  |                          |                           | B.Sc. III year<br>Theo. PA |                          |                           | B.Sc. III year<br>Prac. PA |             |
|                  | M.Sc. I Sem.             | M.Sc. I Sem. Theo. AD     | M.Sc. I Sem. Prac. AD      |                          | M.Sc. I Sem. Theo. AS     |                            |             |
|                  | M.Sc. III Sem.           | M.Sc. III Sem. Theo. SG   | M.Sc. III Sem. Prac. SG    |                          | M.Sc. III Sem. Theo. AP   |                            |             |
| <b>Tuesday</b>   | B.Sc. I year<br>Prac. AM |                           |                            | B.Sc. I year<br>Theo. AM |                           |                            |             |
|                  |                          | B.Sc. II year<br>Prac. AS |                            |                          | B.Sc. II year<br>Theo. AS |                            |             |
|                  |                          |                           | B.Sc. III year<br>Theo. PA |                          |                           | B.Sc. III year<br>Prac. AP |             |
|                  | M.Sc. I Sem.             | M.Sc. I Sem. Theo. SG     | M.Sc. I Sem. Prac. SG      |                          | M.Sc. I Sem. Theo. AD     |                            |             |
|                  | M.Sc. III Sem.           | M.Sc. III Sem. Theo. AP   | M.Sc. III Sem. Prac. AP    |                          | M.Sc. III Sem. Theo. PA   |                            |             |
| <b>Wednesday</b> | B.Sc. I year<br>Prac. AD |                           |                            | B.Sc. I year<br>Theo. AM |                           |                            |             |
|                  |                          | B.Sc. II year<br>Prac. AS |                            |                          | B.Sc. II year<br>Theo. AS |                            |             |
|                  |                          |                           | B.Sc. III year<br>Theo. PA |                          |                           | B.Sc. III year<br>Prac. PA |             |
|                  | M.Sc. I Sem.             | M.Sc. I Sem. Theo. AP     | M.Sc. I Sem. Prac. AP      |                          | M.Sc. I Sem. Theo. SG     |                            |             |
|                  | M.Sc. III Sem.           | M.Sc. III Sem. Theo. AD   | M.Sc. III Sem. Prac. AD    |                          | M.Sc. III Sem. Theo. AS   |                            |             |
| <b>Thursday</b>  | B.Sc. I year<br>Prac. AM |                           |                            | B.Sc. I year<br>Theo. AD |                           |                            |             |
|                  |                          | B.Sc. II year<br>Prac. SG |                            |                          | B.Sc. II year<br>Theo. SG |                            |             |
|                  |                          |                           | B.Sc. III year<br>Theo. PA |                          |                           | B.Sc. III year<br>Prac. AP |             |
|                  | M.Sc. I Sem.             | M.Sc. I Sem. Theo. AS     | M.Sc. I Sem. Prac. AS      |                          | M.Sc. I Sem. Theo. PA     |                            |             |
|                  | M.Sc. III Sem.           | M.Sc. III Sem. Theo. AM   | M.Sc. III Sem. Prac. AM    |                          | M.Sc. III Sem. Theo. AD   |                            |             |
| <b>Friday</b>    | B.Sc. I year<br>Prac. AD |                           |                            | B.Sc. I year<br>Theo. AD |                           |                            |             |
|                  |                          | B.Sc. II year<br>Prac. SG |                            |                          | B.Sc. II year<br>Theo. SG |                            |             |
|                  |                          |                           | B.Sc. III year<br>Theo. AP |                          |                           | B.Sc. III year<br>Prac. PA |             |
|                  | M.Sc. I Sem.             | M.Sc. I Sem. Theo. AM     | M.Sc. I Sem. Prac. AM      |                          | M.Sc. I Sem. Theo. SG     |                            |             |
|                  | M.Sc. III Sem.           | M.Sc. III Sem. Theo. PA   | M.Sc. III Sem. Prac. PA    |                          | M.Sc. III Sem. Theo. SG   |                            |             |
| <b>Saturday</b>  | B.Sc. I year<br>Prac. AD |                           |                            | B.Sc. I year<br>Theo. AD |                           |                            |             |
|                  |                          | B.Sc. II year<br>Prac. SG |                            |                          | B.Sc. II year<br>Theo. SG |                            |             |
|                  |                          |                           | B.Sc. III year<br>Theo. AP |                          |                           | B.Sc. III year<br>Prac. PA |             |
|                  | M.Sc. I Sem.             | M.Sc. I Sem. Theo. PA     | M.Sc. I Sem. Theo. AM      |                          | Seminar                   |                            |             |
|                  | M.Sc. III Sem.           | M.Sc. III Sem. Theo. AS   | M.Sc. III Sem. Prac. SG    |                          | Seminar                   |                            |             |



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विभागाध्यक्ष वनस्पतिशास्त्र  
ज. हा. शास. स्नातकोत्तर महाविद्यालय  
बैतूल (म.प्र.)





जयवन्ती हॉक्सर शासकीय स्नातकोत्तर महाविद्यालय, बैतूल (मप्र)

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DEPARTMENT OF PHYSICS J.H. GOVT. P.G. COLLEGE BETUL (M.P)  
TIME-TABLE : 2020-21

During the Lock down  
Periods.  
w.o.f.- 20/01/2021

| DAY | 11.20---12.00                                                                           | 12.00---12.40                               | 12.40---1.20                                                               | 1.20---2.00                                                                                                       | 2.00---2.40                                                                                 | 2.40---3.20                                                                                  | 3.20---4.00                     |
|-----|-----------------------------------------------------------------------------------------|---------------------------------------------|----------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|---------------------------------|
| MON | MSC Sem I Theory<br>Batch I<br>22 Students<br>BSC I year Prac<br>30 Students per Batch  | MSC Sem III Theo<br>Batch I<br>21 Students  | BSC II year Prac<br>30 Students per Batch<br>MSC Sem I Prac<br>22 Students | BSc I year Theory<br>BSc III year Theory<br>Batch I (Week 1,3)<br>Batch VII (Week 2,4)<br>30 Students per Batch   | BSc II year Theory<br>Batch I (Week 1,3)<br>Batch VII (Week 2,4)<br>30 Students per Batch   | MSC Sem I Theory<br>Batch III<br>21 Students<br>BSC III year Prac<br>30 Students per Batch   | MSC Sem I Prac<br>22 Students   |
| TUE | MSC Sem I Theory<br>Batch I<br>22 Students<br>BSC I year Prac<br>30 Students per Batch  | MSC Sem III Theo<br>Batch I<br>21 Students  | BSC II year Prac<br>30 Students per Batch<br>MSC Sem I Prac<br>22 Students | BSc I year Theory<br>BSc III year Theory<br>Batch II (Week 1,3)<br>Batch VIII (Week 2,4)<br>30 Students per Batch | BSc II year Theory<br>Batch II (Week 1,3)<br>Batch VIII (Week 2,4)<br>30 Students per Batch | MSC Sem III Theory<br>Batch III<br>21 Students<br>BSC III year Prac<br>30 Students per Batch | MSC Sem I Prac<br>22 Students   |
| WED | MSC Sem I Theory<br>Batch I<br>22 Students<br>BSC I year Prac<br>30 Students per Batch  | MSC Sem III Theo<br>Batch I<br>21 Students  | BSC II year Prac<br>30 Students per Batch<br>MSC Sem I Prac<br>21 Students | BSc I year Theory<br>BSc III year Theory<br>Batch III (Week 1,3)<br>Batch IX (Week 2,4)<br>30 Students per Batch  | BSc II year Theory<br>Batch III (Week 1,3)<br>Batch IX (Week 2,4)<br>30 Students per Batch  | MSC Sem III Theory<br>Batch III<br>21 Students<br>BSC III year Prac<br>30 Students per Batch | MSC Sem I Prac<br>21 Students   |
| THU | MSC Sem I Theory<br>Batch II<br>22 Students<br>BSC I year Prac<br>30 Students per Batch | MSC Sem III Theo<br>Batch II<br>21 Students | BSC II year Prac<br>30 Students per Batch                                  | BSc I year Theory<br>BSc III year Theory<br>Batch IV (Week 1,3)<br>Batch X (Week 2,4)<br>30 Students per Batch    | BSc II year Theory<br>Batch IV (Week 1,3)<br>Batch X (Week 2,4)<br>30 Students per Batch    | MSC Sem III Prac<br>15 Students<br>BSC III year Prac<br>30 Students per Batch                | MSC Sem III Prac<br>15 Students |
| FRI | MSC Sem I Theory<br>Batch II<br>22 Students<br>BSC I year Prac<br>30 Students per Batch | MSC Sem III Theo<br>Batch II<br>21 Students | BSC II year Prac<br>30 Students per Batch                                  | BSc I year Theory<br>BSc III year Theory<br>Batch V (Week 1,3)<br>Batch XI (Week 2,4)<br>30 Students per Batch    | BSc II year Theory<br>Batch V (Week 1,3)<br>Batch XI (Week 2,4)<br>30 Students per Batch    | MSC Sem III Prac<br>15 Students<br>BSC III year Prac<br>30 Students per Batch                | MSC Sem III Prac<br>15 Students |
| SAT | MSC Sem I Theory<br>Batch II<br>22 Students<br>BSC I year Prac<br>30 Students per Batch | MSC Sem III Theo<br>Batch II<br>21 Students | BSC II year Prac<br>30 Students per Batch                                  | BSc I year Theory<br>BSc III year Theory<br>Batch VI (Week 1,3)<br>Batch XII (Week 2,4)<br>30 Students per Batch  | BSc II year Theory<br>Batch VI (Week 1,3)<br>Batch XII (Week 2,4)<br>30 Students per Batch  | MSC Sem III Prac<br>15 Students<br>BSC III year Prac<br>30 Students per Batch                | MSC Sem III Prac<br>12 Students |



जयवन्ती हॉक्सर शासकीय स्नातकोत्तर महाविद्यालय, बैतूल (मप्र)

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DEPARTMENT OF PHYSICS J.H. GOVT. P.G. COLLEGE BETUL (M.P)

TIME-TABLE : 2020-21

w.o.f.- 15/09/2021

| DAY--TIME | 11.20--12.00          | 12.00--12.40          | 12.40--1.20                                          | 1.20--2.00                                                             | 2.00--2.40                                    | 2.40--3.20                                    | 3.20--4.00                     |
|-----------|-----------------------|-----------------------|------------------------------------------------------|------------------------------------------------------------------------|-----------------------------------------------|-----------------------------------------------|--------------------------------|
| MONDAY    | M.Sc. I<br>BSc I Prac | SP(Theo){R23}<br>SK-R | MSc I P (Theo){R23}<br>M.Sc. III<br>BSc II Prac SP-R | BSc III (Theo) SD{R32}<br>SK(Theo){R51}<br>SP-P<br>BSc I (Theo) R{R34} | BSc II(Theo) SP{R33}<br>M.Sc. III (Prac) SD-Q | M.Sc. I<br>BSc III Prac<br>M.Sc. III (Prac)SK | (Prac)SP-P<br>SD-Q<br>(Prac)SK |
| TUESDAY   | M.Sc. I<br>BSc I Prac | SP(Theo){R23}<br>SK-R | MSc I P (Theo){R23}<br>M.Sc. III<br>BSc II Prac SP-R | BSc III(Theo) SD{R32}<br>SK(Theo){R51}<br>SP-P<br>BSc I (Theo) R{R34}  | BSc II(Theo) SP{R33}<br>M.Sc. III (Prac) SD-Q | M.Sc. I<br>BSc III Prac<br>M.Sc. III (Prac)SK | (Prac)SP-P<br>SD-Q<br>(Prac)SK |
| WEDNESDAY | M.Sc. I<br>BSc I Prac | SD(Theo){R23}<br>SK-R | MSc I P (Theo){R23}<br>M.Sc. III<br>BSc II Prac Q-R  | BSc III(Theo) SD{R32}<br>SP(Theo){R51}<br>Q-P<br>BSc I (Theo) R{R34}   | BSc II(Theo) SP{R33}<br>M.Sc. III (Prac) SD-Q | M.Sc. I<br>BSc III Prac<br>M.Sc. III (Prac)SK | (Prac)SP-P<br>SD-Q<br>(Prac)SK |
| THURSDAY  | M.Sc. I<br>BSc I Prac | SD(Theo){R23}<br>SK-R | MSc I P (Theo){R23}<br>M.Sc. III<br>BSc II Prac Q-R  | BSc III(Theo) Q{R32}<br>SP(Theo){R51}<br>P-R<br>BSc I (Theo) SK{R34}   | BSc II(Theo) P{R33}<br>M.Sc. III (Prac) SD-Q  | M.Sc. I<br>BSc III Prac<br>M.Sc. III (Prac)SK | (Prac)SP<br>SD-Q<br>(Prac)SK   |
| FRIDAY    | M.Sc. I<br>BSc I Prac | SK(Theo){R23}<br>P-R  | M.Sc. I (Prac) Q<br>M.Sc. III<br>BSc II Prac SP-P    | BSc III(Theo) Q{R32}<br>SD(Theo){R51}<br>SP-R<br>BSc I (Theo) SK{R34}  | MSc III<br>BSc II(Theo) P{R33}                | Q(Theo){R51}<br>BSc III Prac<br>MSc I Prac SD | R-P                            |
| SATURDAY  | M.Sc. I<br>BSc I Prac | SK(Theo){R23}<br>P-R  | M.Sc. I (Prac) Q<br>M.Sc. III<br>BSc II Prac         | BSc III(Theo) Q{R32}<br>SD(Theo){R51}<br>BSc I (Theo) SK{R34}<br>SP-R  | MSc III<br>BSc II(Theo) P{R33}                | Q(Theo){R51}<br>BSc III Prac<br>MSc I Prac SD | R-P                            |
|           | M.Sc. Theory          | M.Sc. Practical       | B.Sc. Theory                                         | B.Sc. Practical                                                        | Total                                         |                                               |                                |
|           | SP                    | 10                    | 3                                                    | 8                                                                      | 29                                            | SD=Dr. Salil Dubey                            |                                |
|           | SD                    | 8                     | 3                                                    | 8                                                                      | 27                                            | SK=Dr. Subhash Khatarkar                      |                                |
|           | SK                    | 8                     | 3                                                    | 8                                                                      | 27                                            | SP=Prof. Shiv Prakash Pawar                   |                                |
|           | P                     | 6                     | 3                                                    | 12                                                                     | 25                                            | P= Dr. Sudama Kokate                          |                                |
|           | Q                     | 6                     | 3                                                    | 12                                                                     | 25                                            | Q= Prof. Shri Nidhish Mishra                  |                                |
|           | R                     | ~                     | 3                                                    | 24                                                                     | 27                                            | R= Prof. Smt. Babita Chauhan                  |                                |
| Total     | 32                    | 38                    | 18                                                   | 72                                                                     | 160                                           |                                               |                                |





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JH GOVT. PG. COLLEGE BETUL  
TIME TABLE -2020-2021

| DAY       | TIME                                         | 11:20--12:00        | 12:00-12:40               | 12:40--1:20          | 1:20-2:00             | 2:00-2:40             | 2:40--3:20       | 3:20--4:00       |
|-----------|----------------------------------------------|---------------------|---------------------------|----------------------|-----------------------|-----------------------|------------------|------------------|
| MONDAY    | B.Sc III YEAR PRACTICAL                      | M.Sc III SEM THEORY | M.Sc I SEM PRACTICAL      | M.Sc I SEM PRACTICAL | B.Sc I YEAR THEORY    | B.Sc I YEAR THEORY    | B.Sc II YEAR TH. | B.Sc II YEAR TH. |
|           |                                              | M.Sc I SEM THEORY   | M.Sc III THEORY           |                      | B <sub>1</sub> 1--22  | B <sub>1</sub> 1--23  |                  |                  |
| TUESDAY   | B.Sc III YEAR PRACTICAL                      | M.Sc III SEM TH.    | M.Sc I SEM PRACTICAL      | M.Sc I SEM PRACTICAL | B.Sc I YEAR TH.       | B.Sc I YEAR TH.       | B.Sc II YEAR TH. | B.Sc II YEAR TH. |
|           |                                              | M.Sc I SEM TH.      | M.Sc III THEORY           |                      | B <sub>1</sub> 1--22  | B <sub>1</sub> 1--23  |                  |                  |
| WEDNESDAY | B.Sc II YEAR PRACTICAL B <sub>1</sub> 23     | M.Sc III SEM TH.    | M.Sc I SEM PRACTICAL      | M.Sc I SEM PRACTICAL | B.Sc I YEAR TH.       | B.Sc I YEAR TH.       | B.Sc II YEAR TH. | B.Sc II YEAR TH. |
|           |                                              | M.Sc I SEM TH.      | M.Sc III SEM THEORY TH.   |                      | B <sub>2</sub> 23--44 | B <sub>1</sub> 1--23  |                  |                  |
| THURSDAY  | B.Sc II YEAR PRACTICAL B <sub>2</sub> 24--47 | M.Sc III SEM TH.    | M.Sc I SEM PRACTICAL      | M.Sc I SEM PRACTICAL | B.Sc I YEAR TH.       | B.Sc I YEAR TH.       | B.Sc II YEAR TH. | B.Sc II YEAR TH. |
|           |                                              | M.Sc I SEM TH.      | M.Sc I THEORY B.Sc II TH. |                      | B <sub>2</sub> 23--44 | B <sub>2</sub> 24--47 |                  |                  |
| FRIDAY    | B.Sc I YEAR PRACTICAL                        | M.Sc III SEM TH.    | M.Sc I SEM PRACTICAL      | M.Sc I SEM PRACTICAL | B.Sc I YEAR TH.       | B.Sc I YEAR TH.       | B.Sc II YEAR TH. | B.Sc II YEAR TH. |
|           |                                              | M.Sc I SEM TH.      | M.Sc I THEORY B.Sc II TH. |                      | B <sub>3</sub> 45--66 | B <sub>2</sub> 24--47 |                  |                  |
| SATURDAY  | B.Sc I YEAR PR. PRACTICAL                    | M.Sc III SEM TH.    | M.Sc I SEM PRACTICAL      | M.Sc I SEM PRACTICAL | B.Sc I YEAR TH.       | B.Sc I YEAR TH.       | B.Sc II YEAR TH. | B.Sc II YEAR TH. |
|           |                                              | M.Sc I SEM TH.      | M.Sc I THEORY B.Sc II TH. |                      | B <sub>3</sub> 45--66 | B <sub>2</sub> 24--47 |                  |                  |

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Prof: Mahendra Newange  
Prof: Deepika Sahu

Prof. IC (Microbiology)  
Self Finance Course  
Jh Govt College Betul (M.P.)







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J H Govt. College P G College Betul

Department of English  
Time Table (2020 - 2021)

| Days  | 10:00 to 10:40 | 10:40 to 11:20 | 11:20 to 12:00      | 12:00 to 12:40     | 12:40 to 01:20      | 01:20 to 02:00  | 2:00 to 03:20                      | 03:20 to 05:00       |
|-------|----------------|----------------|---------------------|--------------------|---------------------|-----------------|------------------------------------|----------------------|
| Mon.  |                | BA II 20 (SP)  | MA III 131 (MC)     | MA III 131 (MC)    | MA III 133 (BS)     | MA III 131 (SN) | Tutorials/<br>Research<br>Guidance | Departmental<br>Work |
|       |                |                | MA I 133 (SN)       | MA I 133 (BS)      | MA I 131 (MC)       | MA I 133 (NS)   |                                    |                      |
|       |                |                | Bcom II 17 (SP)     | BA III 21 (SN)     | BSc I 17 (NS)       | BA I 07 (BS)    |                                    |                      |
|       |                |                |                     | BSc II FC 16 (SP)  |                     |                 |                                    |                      |
| Tue.  |                | BA II 20 (SP)  | MA III 131 (MC)     | MA III 131 (MC)    | MA III 133 (BS)     | MA III 131 (SN) | Tutorials/<br>Research<br>Guidance | Departmental<br>Work |
|       |                |                | MA I 133 (SN)       | MA I 133 (BS)      | MA I 131 (MC)       | MA I 133 (NS)   |                                    |                      |
|       |                |                | BCom II 17 (SP)     | BA III 21 (SN)     | BSc I FC 17 (NS)    | BA I 07 (BS)    |                                    |                      |
|       |                |                |                     | BSc II FC 16 (SP)  |                     |                 |                                    |                      |
| Wed.  | BA III FC (SP) | BA II 20 (SP)  | MA III 131 (MC)     | MA III 131 (MC)    | MA III 133 (BS)     | MA III 131 (SN) | Tutorials/<br>Research<br>Guidance | Departmental<br>Work |
|       |                |                | MA I 133 (SN)       | MA I 133 (BS)      | MA I 131 (MC)       | MA I 133 (NS)   |                                    |                      |
|       |                |                | BCom III FC 06 (NS) | BA III 21 (SN)     | BSc I FC 34 (SP)    | BA I 07 (BS)    |                                    |                      |
|       |                |                |                     | BSc III FC 06 (NS) |                     |                 |                                    |                      |
| Thur. | BA III FC (SP) | BA II 20 (NS)  | MA III 131 (MC)     | MA III 131 (MC)    | MA III 133 (BS)     | MA III 131 (SN) | Tutorials/<br>Research<br>Guidance | Departmental<br>Work |
|       |                |                | MA I 133 (SN)       | MA I 133 (BS)      | MA I 131 (MC)       | MA I 133 (SP)   |                                    |                      |
|       |                |                | BCom III FC 06 (NS) | BA III 21 (SN)     | BSc I FC 34 (SP)    | BA I 07 (BS)    |                                    |                      |
|       |                |                |                     | BSc III FC 06 (SP) |                     |                 |                                    |                      |
| Fri.  |                | BA II 20 (NS)  | MA III 131 (MC)     | MA III 131 (MC)    | MA III 133 (BS)     | MA III 131 (SN) | Tutorials/<br>Research<br>Guidance | Departmental<br>Work |
|       |                |                | MA I 133 (SN)       | MA I 133 (BS)      | MA I 131 (MC)       | MA I 133 (NS)   |                                    |                      |
|       |                |                | BCom I FC 16 (SP)   | BA III 21 (SN)     | BSc II FC 33 (SP)   | BA I 07 (BS)    |                                    |                      |
|       |                |                |                     | BA I FC 07 (NS)    | BA II FC 20 (NS)    |                 |                                    |                      |
| Sat.  |                | BA II 20 (NS)  | MA III 131 (MC)     | MA III 131 (MC)    | MA III 133 (BS)     | MA III 131 (SN) | Tutorials/<br>Research<br>Guidance | Departmental<br>Work |
|       |                |                | MA I 133 (SN)       | MA I 133 (BS)      | MA I 131 (MC)       | MA I 133 (SP)   |                                    |                      |
|       |                |                | BCom I FC 16 (SP)   | BA III 21 (SN)     | BSc II FC M 33 (SP) | BA I 07 (BS)    |                                    |                      |
|       |                |                |                     | BA I FC 07 (NS)    | BA II FC 20 (NS)    |                 |                                    |                      |

*M. K. Sanyal*

HOD

Principal



जयवन्ती हॉक्सर शासकीय स्नातकोत्तर महाविद्यालय, बैतूल (मप्र)

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| JH Govt. P.G. College Betul, MP                 |               |                         |             |                                    |                                     |                                              |           |           |
|-------------------------------------------------|---------------|-------------------------|-------------|------------------------------------|-------------------------------------|----------------------------------------------|-----------|-----------|
| Department of English                           |               |                         |             |                                    |                                     |                                              |           |           |
| Weekly Teaching Planner for the Session 2020-21 |               |                         |             |                                    |                                     |                                              |           |           |
| From- 01st Feb 2021 to 06th Feb 2021            |               |                         |             |                                    |                                     |                                              |           |           |
| Name of the Professor : Mrs. Madhuri Dhote      |               |                         |             |                                    |                                     |                                              |           |           |
| Time                                            | 10:00 - 10.40 | 10:40-11:20             | 11:20-12:00 | 12:00-12:40                        | 12:40- 1:20                         | 1:20-2:00                                    | 2:00-2:40 | 2:40-3:20 |
| Class                                           | BA III        |                         |             | Bsc II Maths / Bsc II Bio          | MA III Sem                          | MA I sem                                     |           |           |
| Dates                                           | Days          |                         |             |                                    |                                     |                                              |           |           |
| 01.02.2021                                      | Mon           |                         |             | Bsc II (Bio) Night of the scorpion | Emerson : Self Reliance Stanza I/II | The Mansfield Park (Chapt.20,21,22)          |           |           |
| 02.02.2021                                      | Tue           |                         |             | Textual Questions                  | Emerson : Self Reliance III/IV      | The Mansfield Park (Chapt. 23,24,25)         |           |           |
| 03.02.2021                                      | Wed           | On the Rule of the Road |             | Eidgah (Text)                      | Emerson : Self Reliance IV/V        | The Mansfield Park (Chapter 26, 27,28,29,30) |           |           |
| 04.02.2021                                      | Thu           | Textual Questions       |             | Eidgah (Text)                      | Emerson : Self Reliance V/VI        | The Mansfield Park (Chapt.30,31,32,34)       |           |           |
| 05.2.2021                                       | Fri           |                         |             |                                    | Emerson : Self Reliance VI/VII/VIII | The Mansfield Park Characters                |           |           |
| 06.02.2021                                      | Sat           |                         |             |                                    | Emerson : Self Reliance Summary     | The Mansfield Park Themes                    |           |           |

  
Head of the Department  
Department of English  
J.H.Govt. P.G. College Betul (M.P.)



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**JH Govt. P.G. College Betul, MP**  
**Department of English**

**Weekly Teaching Planner for the Session 2020-21**  
**With effect from- 11th Jan 2021 to 16th Jan. 2021**

**Name of the Professor : Dr. Priyanka Likhitkar**

| Time       | 10:40-11:20        | 12:00-12:40                      | 12:40- 1:20               | 1:20-2:00                  | 2:00-2:40                | 2:40-3:20                             |          |
|------------|--------------------|----------------------------------|---------------------------|----------------------------|--------------------------|---------------------------------------|----------|
| Class      | BA II English Lit. | Bsc III M+CS                     | Bsc I M + CS              | BA II FC                   | MA I English Lit.        |                                       |          |
| Dates      | Days               | Paper II Fiction                 | FC - II English Language  | FC - II English Language   | FC - II English Language | Paper IV Prose                        | Tutorial |
| 11.01.2021 | Mon                | Unit-I Henry Fielding- Biography | Unit- IV Narration Skills |                            |                          | Unit IV Charles Lamb : Biography      | Tutorial |
| 12.01.2021 | Tue                | Tom Jones: Introduction          | Unit- IV Narration Skills |                            |                          | Dream Children :Text                  | Tutorial |
| 13.01.2021 | Wed                | Tom Jones : Characters           |                           | Unit- I Tryst with Destiny |                          | Dream Children                        | Tutorial |
| 14.01.2021 | Thu                | Tom Jones: Chapter wise summary  |                           | Unit- I Tryst with Destiny |                          | Dream Children                        | Tutorial |
| 15.01.2021 | Fri                | Tom Jones: Chapter wise summary  |                           |                            | Unit - 5 Drafting CV     | Dream Children: Critical Appreciation | Tutorial |
| 16.01.2021 | Sat                | Tom Jones: Chapter wise summary  |                           |                            | Unit - 5 Drafting CV     | Dream Children: Critical Appreciation | Tutorial |

*(Signature)*  
Head of the Department

*(Stamp)*  
J.H.Govt. P.G. College Betul (M.P.)

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**इतिहास विभाग 2020-21 (समय सारणी)**

|     | 11.20 | 11.20 - 12.00                                        | 12.00-12.40                                                                | 12.40 - 1.20                                                                | 1.20 - 2.00                                            | 2.00 - 2.40              | 2.40 - To                         |
|-----|-------|------------------------------------------------------|----------------------------------------------------------------------------|-----------------------------------------------------------------------------|--------------------------------------------------------|--------------------------|-----------------------------------|
| Mon |       | BA I year Dr.V.Choubey<br>MA III Sem<br>Dr.J.Sharma  | BA II Year Dr.J.Sharma<br>MA III Sem Pr.M.Chandel<br>MA I Sem Dr.V.Choubey | BA III Year Pr.M.Chandel<br>MA III Sem Dr.J.Sharma<br>MA I Sem Dr.V.Choubey | MA III Sem<br>Dr.J.Sharma<br>MA I Sem<br>Pr.M.Chandel  | MA I Sem<br>Pr.M.Chandel | प्रवेश कार्य<br>विभागीय कार्य     |
| Tue |       | BA I year Dr.V.Choubey<br>MA III Sem<br>Dr.J.Sharma  | BA II Year Dr.J.Sharma<br>MA III Sem Pr.M.Chandel<br>MA I Sem Dr.V.Choubey | BA III Year Pr.M.Chandel<br>MA III Sem Dr.J.Sharma<br>MA I Sem Dr.V.Choubey | MA III Sem<br>Dr.V.Choubey<br>MA I Sem<br>Pr.M.Chandel | MA I Sem<br>Pr.M.Chandel | शोधार्थी संघर्ष एवं<br>भाष्यदर्शन |
| Wed |       | BA I year Dr.V.Choubey<br>MA III Sem<br>Dr.J.Sharma  | BA II Year Dr.J.Sharma<br>MA III Sem Pr.M.Chandel<br>MA I Sem Dr.V.Choubey | BA III Year Pr.M.Chandel<br>MA III Sem Dr.J.Sharma<br>MA I Sem Dr.V.Choubey | MA III Sem<br>Dr.V.Choubey<br>MA I Sem<br>Pr.M.Chandel | MA I Sem<br>Pr.M.Chandel | पुरस्कार विचारण                   |
| Thu |       | BA I year Pr.M.Chandel<br>MA III Sem<br>Dr.V.Choubey | BA II Year Pr.M.Chandel<br>MA III Sem Dr.V.Choubey<br>MA I Sem Dr.J.Sharma | BA III Year Dr.J.Sharma<br>MA III Sem Pr.M.Chandel<br>MA I Sem Dr.V.Choubey | MA III Sem<br>Dr.V.Choubey<br>MA I Sem<br>Pr.M.Chandel | MA I Sem<br>Dr.J.Sharma  | पुरस्कार विचारण                   |
| Fri |       | BA I year Pr.M.Chandel<br>MA III Sem<br>Dr.V.Choubey | BA II Year Pr.M.Chandel<br>MA III Sem Dr.V.Choubey<br>MA I Sem Dr.J.Sharma | BA III Year Dr.J.Sharma<br>MA III Sem Pr.M.Chandel<br>MA I Sem Dr.V.Choubey | MA III Sem<br>Pr.M.Chandel<br>MA I Sem<br>Dr.J.Sharma  | MA I Sem<br>Dr.J.Sharma  |                                   |
| Sat |       | BA I year Pr.M.Chandel<br>MA III Sem<br>Dr.V.Choubey | BA II Year Pr.M.Chandel<br>MA III Sem Dr.V.Choubey<br>MA I Sem Dr.J.Sharma | BA III Year Dr.J.Sharma<br>MA III Sem Pr.M.Chandel<br>MA I Sem Dr.V.Choubey | MA III Sem<br>Pr.M.Chandel<br>MA I Sem<br>Dr.J.Sharma  | MA I Sem<br>Dr.J.Sharma  | विभागीय अकादमिक<br>कार्य          |

|             |             |
|-------------|-------------|
| BA I Year   | पत्र सं. 07 |
| BA II Year  | पत्र सं. 20 |
| BA III Year | पत्र सं. 21 |

|            |             |
|------------|-------------|
| MA I Sem   | पत्र सं. 53 |
| MA III Sem | पत्र सं. 39 |

  
 विभागाध्यक्ष  
 इतिहास विभाग  
 ज.श.स.स्नातकोत्तर महाविद्यालय, बैतूल

1. डॉ. विवेक शर्मा, सहायक विभागाध्यक्ष
2. डॉ. मधुसूदन शर्मा, सहायक विभागाध्यक्ष
3. डॉ. मधुसूदन शर्मा, सहायक विभागाध्यक्ष

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जयवन्ती हॉक्सर शासकीय स्नातकोत्तर महाविद्यालय, बैतूल (मप्र)

Jaywanti Haksar Government Post Graduate College, Betul (MP)

Office: Civil Lines, Betul- 460001 Tel: 07141- 234244

E-mail : hegjhpgcbet@mp.gov.in Website: www.jhgovtbetul.com



शैक्षणिक सत्र : 2020-21 एमएम - सारणी प्रभावशील दिनांक : 01.07.2020 से 31.12.2020

| कक्षा<br>सेमेस्टर    | समय                                                                            |                                                                                              |                                                              |                                                                              |                                                                                       | विशेष<br>कथन |
|----------------------|--------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|--------------------------------------------------------------|------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--------------|
|                      | 11.20 बजे से<br>12.00 बजे तक                                                   | 12.00 बजे से<br>12.40 बजे तक                                                                 | 12.40 बजे से<br>1.20 बजे तक                                  | 1.20 बजे से<br>02 बजे तक                                                     | 02 बजे से<br>2.40 बजे तक                                                              |              |
| बी०ए०<br>I<br>Year   | कस क्र० 52<br>प्रो० बी० आर० खारकर<br>प्रश्न पत्र-I<br>सोम-मंगल-बुधवार          | -                                                                                            | -                                                            | -                                                                            | -                                                                                     | CU           |
| बी०ए०<br>II<br>Year  | डॉ० बी० डी० खारकर<br>प्रश्न पत्र-II<br>गुरु-शुक्र-शनिवार                       | कस क्रमांक-19<br>प्रो० राजा अतुलकर<br>प्रश्न पत्र-I एवं II                                   | -                                                            | -                                                                            | -                                                                                     | CU           |
| बी०ए०<br>III<br>Year | -                                                                              | -                                                                                            | कस क्रमांक-19<br>डॉ० रंजिता बरखानिया<br>प्रश्न पत्र-I एवं II | -                                                                            | -                                                                                     | BV           |
| एम०ए०<br>Sem.<br>I   | कस क्रमांक 54<br>डॉ० रंजिता बरखानिया<br>प्रश्न पत्र-I<br>व्यापक आर्थिक विरतेषु | कस क्रमांक 54<br>डॉ० बी० डी० खारकर<br>प्रश्न पत्र-II<br>आर्थिक वृद्धि एवं विकास<br>का अध्याय | -                                                            | कस क्र० 54<br>प्रो० बी० आर० खारकर<br>प्रश्न पत्र-III<br>परिमाणान्तरक विधियां | कस क्र० 54<br>प्रो० राजा अतुलकर<br>प्रश्न पत्र II<br>समिष्ट अर्थशास्त्र-I             | CU           |
| एम०ए०<br>Sem.<br>III | कस क्रमांक 37<br>प्रो० राजा अतुलकर<br>प्रश्न पत्र-III<br>शिम अर्थशास्त्र-I     | कस क्रमांक 37<br>प्रो० बी० आर० खारकर<br>प्रश्न पत्र II<br>कृषि अर्थशास्त्र-I                 | -                                                            | कस क्र० 37<br>डॉ० बी० डी० खारकर<br>प्रश्न पत्र-I<br>लोक अर्थशास्त्र          | कस क्रमांक 37<br>डॉ० रंजिता बरखानिया<br>प्रश्न पत्र-II<br>अन्तर्राष्ट्रीय अर्थशास्त्र | CU           |



जयवन्ती हॉक्सर शासकीय स्नातकोत्तर महाविद्यालय, बैतूल (मप्र)

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## J. H. GOVT. P. G. COLLEGE BETUL

### TIME TABLE – SOCIOLOGY

2020-2021

| Class                                             | Time          | Subject                                                                         | Professor Name         | Room no. |
|---------------------------------------------------|---------------|---------------------------------------------------------------------------------|------------------------|----------|
| BA 1 YEAR                                         | 9.20 – 10.00  | Sociology                                                                       | Dr. Mamta Kushwah      | 07       |
| BA 2 YEAR                                         | 10.00 – 10.40 | Sociology                                                                       | Prof. Santosh pawar    | 20       |
| BA 3YEAR                                          | 10.40 - 11.20 | Sociology                                                                       | Prof. Yogeshwari pawar | 21       |
| MA 1 <sup>st</sup> SEM/<br>MA 2 <sup>nd</sup> SEM | 9.20 – 10.00  | Classical sociological tradition                                                | Prof. Santosh pawar    | 52       |
|                                                   | 10.00 – 10.40 | Rural Society in India                                                          | Dr. Mamta Kushwah      | 52       |
|                                                   | 10.40 – 11.20 | Urban Society in India                                                          | Prof. Santosh pawar    | 52       |
|                                                   | 11.20 – 12.00 | Methodology of Social Research                                                  | Prof. Yogeshwari pawar | 52       |
| MA 3 <sup>rd</sup> SEM/ MA 4 <sup>th</sup> SEM    | 10.40 – 11.20 | Sociological Essay/Political Sociology                                          | Dr. Mamta Kushwah      | 40       |
|                                                   | 11.20 – 12.00 | Criminology/ Industrial Sociology                                               | Prof. Santosh pawar    | 40       |
|                                                   | 12.00 – 12.40 | Sociology of Kinship, Marriage and Family/ Theoretican Perspective in sociology | Prof. Yogeshwari pawar | 40       |
|                                                   | 12.40 – 01.20 | Indian Society and Culture/ Sociology of change and Development                 | Prof. Santosh pawar    | 40       |
|                                                   | 01.20 – 02.00 | Tribal Society in India                                                         | Dr. Mamta Kushwah      | 40       |

*[Handwritten signatures]*

**Dr. Anita Soui**

HOD *[Signature]*

Department of Sociology

विभागाध्यक्ष समाजशास्त्र  
ज. हा. शास. स्नातकोत्तर महाविद्यालय  
बैतूल (म.प्र.)



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J.H. GOVT.P.G.COLLEGE BETUL

TIME TABLE : 2020-21

DEPTT. OF COMMERCE

NEW T.T. W.e.f. 20-01-21

B.COM. I year ,II Year ,III YEAR & M.Com I sem & III Sem

| ROOM NO. | CLASS         | DAY    | TIME              |                      |                         |                         |                             |               |
|----------|---------------|--------|-------------------|----------------------|-------------------------|-------------------------|-----------------------------|---------------|
|          |               |        | 09:20 TO 10:00    | 10.00 TO 10:40       | 10:40 TO 11.20          | 11.20 TO 12:00          | 12.00 TO 12:40              | 12.40 TO 1:30 |
| 16       | B.COM. 1 YEAR | M.T.W  | FINAICAL A/C (RS) | BUS LAW (GR)         | MACRO. ECO (RP)         | FC MT - HINDI - (A.S)   | LIAB READING ALL PROFESSORS | LUNCH         |
|          |               | TH.F.S | BUS. MATHS (HVD)  | B.O & COMM (RP)      | MICRO ECO (MR)          | FC WTH - ENG - (Sk)     |                             |               |
| 12       | B.COM. 2 YEAR | M.T.W  | CORP.A/C (HVD)    | PRIN OF MGT (KG)     | BANKING & Insu. (M.RAI) | FC. MT - ENV - (KW)     | LIAB READING ALL PROFESSORS | LUNCH         |
|          |               | TH.F.S | COST.A/C (RS)     | PRIN OF STAT. (GR)   | IND COMPAY AC (KG)      | FC WTH - HINDI - (A.S.) |                             |               |
| 53       | B.COM. 3 YEAR | M.T.W  | INCOME Tax (AKD)  | INDIRECT TAX (M.RAI) | PRIN.OF MKT (GR)        | FC FS - ENG (Sk)        | LIAB READING ALL PROFESSORS | LUNCH         |
|          |               | TH.F.S | AUDITING (MR)     | MGT A/C (RS)         | INTRN. MKT (GR)         | FC COMP AVIA - MT (PB)  |                             |               |
| 18       | M.COM. 1 YEAR | M.T.W  | BUS.ENV. (M.RAI)  | AD A/C (HVD)         | COST A/C (AKD)          | MGT CONC. (MR)          | FS- LIAB (AKD)              | LUNCH         |
|          |               | TH.F.S |                   |                      |                         | FC HINDI FS (PKT)       |                             |               |
| 19       | M.COM. 3 YEAR | M.T.W  | MANG ECO (KG)     | A/C FOR MG DEC (AKD) | TAX PLAN (RS)           | INT.SKILLDEV. (RP)      |                             |               |
|          |               | TH.F.S |                   |                      |                         |                         |                             |               |

|                            |            |                            |            |
|----------------------------|------------|----------------------------|------------|
| AKD - PROF. A.K. DABHADE   | 898507909  | KG. PROF., Krishna GOSAR   | 9977715402 |
| GR - PROF. G.R. RANE       | 9425003584 | RP. PROF. RISHIKANT Pantli | 9479835402 |
| HVD - PROF. H.V. DESHPANDE | 9425003131 | M.RAI Dr.MOSMI Rai         | 8871609847 |
| MR - PROF. M.R. WAGADRE    | 9425685368 | PB. PROF. PANKAJ BARSKAR   | 9329072583 |
| RS - PROF. R.S. SHESHKAR   | 9926453906 | KW- KIRTI VARATHE          | 9406551288 |
| AS. DR. ANITA SONI         | 9425656730 | NP. NILESH PATIL           |            |
| PKT. PRAJAY KUMAR TIWARI   | 9406535551 | Sk. Sheetal Khare          |            |

PRINCIPAL

Prof. A.K.DABHADE  
H.O.D.  
DEPT. OF COMMERCE

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जयवन्ती हॉक्सर शासकीय स्नातकोत्तर महाविद्यालय, बैतूल (मप्र)

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J.H. GOVT. PG. COLLEGE BETUL

TIME TABLE : 2020-21

DEPT. OF COMMERCE

NEW T. : W.e.f 20/10/21

B.COM. I year, II Year, III YEAR & M.Com II sem & IV Sem

| ROOM NO                    | CLASS           | TIME                        |                             |                                        |                                         |                                |               |
|----------------------------|-----------------|-----------------------------|-----------------------------|----------------------------------------|-----------------------------------------|--------------------------------|---------------|
|                            |                 | 09:20 TO 10:00              | 10:00 TO 10:40              | 10:40 TO 11:20                         | 11:20 TO 12:00                          | 12.00 TO 12:40                 | 12.40 TO 1:30 |
| 16                         | B.COM 1 YEAR    | FINAICAL A/C<br>MTW (RS)    | BUS LAW<br>MTW (GR)         | MACRO ECO<br>MTW (RP)                  | FC MT HINDI (A.S.)                      | LIAB READING<br>ALL PROFESSOPS | LUNCH         |
|                            |                 | BUS. MATHS<br>THFS (HVD)    | B.O. & COMM<br>THFS (RP)    | MICRO ECO<br>THFS (MR)                 | FC WTH ENG SK<br>FC FS - ENT DEV (NP)   |                                |               |
| 12                         | B.COM 2 YEAR    | CORP A/C<br>MTW (HVD)       | PRIN OF MGT<br>MTW (KG)     | BANKING & Insu<br>MTW (M.RAI)          | FC. MT - ENV (KW)                       | LIAB READING<br>ALL PROFESSOPS | LUNCH         |
|                            |                 | COST A/C<br>THFS (RS)       | PRIN OF STAT.<br>THFS (GR)  | IND COMPAY AC<br>THFS (KG)             | FC WTH HINDI (A.S.)<br>FC FS - ENG - SK |                                |               |
| 53                         | B.COM 3 YEAR    | INCOME TAX<br>MTW (M.RAI)   | INDIRECT TAX<br>MTW (M.RAI) | PRIN OF MKT<br>MTW (GR)                | FC COM AWA MT (PR)                      | S-LIAB<br>(AKD)                | LUNCH         |
|                            |                 | AUDITING<br>THFS (K.G)      | MGT A/C<br>THFS (RS)        | INTRN MKT<br>THFS (GR)                 | FC ENI MT SN<br>FC HINDI FS (PKT)       |                                |               |
| 18                         | M.COM 2 SEM     | Funt. MGT.<br>M T O S<br>KG | Ad. St.<br>M T O S AKD      | CLFW<br>MTW MR<br>O.Beh<br>THFS M. Rai | O Beh<br>MTW M Rai<br>CLFW<br>THFS MR   |                                |               |
| 19                         | M.COM 4 SEM A/C | A/C THORY<br>M T O S RP     | CORP. A/C HVD<br>M T O S    | INST. A/C AKD<br>M T O S               | COST A/C RS<br>M T O S                  |                                |               |
| 116                        | M.COM 4 SEM MGT | CONS. BEH.<br>M T O S M Rai | ENT. MKT<br>MTW RP          | AD. SALES<br>MTW KG                    | RUAL MKT.<br>M T O S GR                 |                                |               |
|                            |                 |                             | AD. SALES<br>THFS KG        | ENT. MKT<br>THFS RP                    |                                         |                                |               |
| AKD - PROF. A.K. DABHADE   |                 | 8989507909                  | KG. PROF. Krishna GOSAR     | 9977715402                             | SN. - SARWARI NOOR                      | 7509764786                     |               |
| GR - PROF. G.R. PANE       |                 | 9425003584                  | RP. PROF. RISHIKANT Panth   | 9479835402                             |                                         |                                |               |
| HVD - PROF. H.V. DESHPANDE |                 | 9425003131                  | M.RAI D. MOSMI Rai          | 9329072583                             |                                         |                                |               |
| MR. PROF. M.R. WADHARE     |                 | 9425685368                  | PB. PROF. PANKAJ BARSKAR    | 9408551768                             |                                         |                                |               |
| RS - PROF. R.S. ...        |                 | 1926453916                  | KW. K. ...                  | 951652...                              |                                         |                                |               |
| ANITA ...                  |                 | ...                         | NP. ANI ...                 | 96301...                               |                                         |                                |               |

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जयवन्ती हॉक्सर शासकीय स्नातकोत्तर महाविद्यालय, बैतूल (मप्र)

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### J.H. GOVERNMENT POST GRADUATE COLLEGE BETUL

#### TIME TABLE- BCA 2020-21

College Arrival Time:-11:00

College Leaving Time:-05:00

| DAY/TIME  | 12:00 TO 12:40 | 12:40 TO 1:20        | 1:20 TO 2:00       | 2:00 TO 2:40      | 2:40 TO 3:20  | 3:20 TO 4:00  |
|-----------|----------------|----------------------|--------------------|-------------------|---------------|---------------|
| MONDAY    |                | PROG IN C -SL        | BUSINESS MATHS -SP | ACCOUNTS - DD     |               | HINDI - RA    |
|           | LAB- II YEAR   | WEB DESIGN- SP       | S/W ENGG - DD      | CONAM -SL         | ENGLISH - RST |               |
|           |                | MARKETING/ - DD      | NETWORKING-SL      | E GOVERNANCE - SP | HINDI - RA    |               |
| TUESDAY   |                | PROG IN C -SL        | BUSINESS MATHS -SP | ACCOUNTS - DD     |               | HINDI - RA    |
|           | LAB- II YEAR   | WEB DESIGN- SP       | S/W ENGG - DD      | CONAM -SL         | ENGLISH - RST |               |
|           |                | MARKETING/ - DD      | NETWORKING-SL      | E GOVERNANCE - SP | HINDI - RA    |               |
| WEDNESDAY |                | PROG IN C -SL        | BUSINESS MATHS -SP | ACCOUNTS - DD     |               |               |
|           |                | WEB DESIGN- SP       | S/W ENGG - DD      | CONAM -SL         | ENGLISH - RST | HINDI - RA    |
|           | LAB- III YEAR  | MARKETING/ - DD      | NETWORKING-SL      | E GOVERNANCE - SP | HINDI - RA    |               |
| THURSDAY  |                | DIGITAL-SL           | PC PACKAGE -SP     | ENGG COMM- DD     | HINDI - RA    | ENGLISH - RST |
|           |                | OPERATING SYSTEM- SP | DBMS - DD          | C++ -SL           |               | HINDI - RA    |
|           | LAB- III YEAR  | PYTHON - DD          | JAVA-SL            | MIS - SP          | ENGLISH - RST |               |
| FRIDAY    | LAB- I YEAR    | DIGITAL-SL           | PC PACKAGE -SP     | ENGG COMM- DD     | HINDI - RA    | ENGLISH - RST |
|           |                | OPERATING SYSTEM- SP | DBMS - DD          | C++ -SL           |               | HINDI - RA    |
|           |                | PYTHON - DD          | JAVA-SL            | MIS - SP          | ENGLISH - RST |               |
| SATURDAY  | LAB- I YEAR    | DIGITAL-SL           | PC PACKAGE -SP     | ENGG COMM- DD     | HINDI - RA    | ENGLISH - RST |
|           |                | OPERATING SYSTEM- SP | DBMS - DD          | C++ -SL           |               | HINDI - RA    |
|           |                | PYTHON - DD          | JAVA-SL            | MIS - SP          | ENGLISH - RST |               |

*Beo Swati* *Dr. P. K. Shrivastava* *Dr. J. K. Singh*



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Dept. Of Self-Finance Commerce

**B.com Computer Application / Tax Procedure**

Time - Table 2020-2021

| Class                    | 9.20-10.00 AM                                                | 10.00-10.40 AM                                              | 10.40-11.20 AM                                   | 11.20-12.00PM                                        | 12.00-12.40PM                    |
|--------------------------|--------------------------------------------------------------|-------------------------------------------------------------|--------------------------------------------------|------------------------------------------------------|----------------------------------|
| B.com I Yr<br>TAX/COMP   | Tax Proc.& Prac-Inc. Tax-I MTW, Inc. Tax-II THFS M To S (KG) | Bus. Law M To W (RW)                                        | Fin. A/C MTW (NM)                                | FC-Hindi MT(RA),<br>Eng.WTH (RT), Ent.<br>Dev FS(NP) | Comp. Lab -B.Com I<br>yr (M,T)   |
|                          | Fund. Of Comp.& PC S/W-I MTW, DTP & Multimedia -II THFS      | Bus. Org.THFS (KG)                                          | Bus. Maths THFS (NM)                             |                                                      |                                  |
| B.com II Yr<br>TAX/COMP  | Corp. A/C (NM) MTW                                           | Prin. Of Mgt. MTW (KG)                                      | Tax Proc. & Prac-I MTW, Custom Duty-II THFS (KG) | FC-Hindi WTH(RA),<br>Eng FS(RT), Env.<br>St.MT(KW)   | Comp. Lab -B.Com II<br>yr (W,TH) |
|                          | Cost. A/C (NM)THFS                                           | Prin. Of Stat. THFS (RW)                                    | Int. & Ecomm.-I MTW, RDBMS-II THFS (LD)          |                                                      |                                  |
| B.com III Yr<br>TAX/COMP | Mgt. A/C (RW) MTW                                            | Cent. Exic.- Proc. & Prac.-I MTW, Cust. And service-Proc. & | Auditing MTS (RW)                                | FC- Hindi MTW(RA),<br>Comp. Awar THFS (PB)           | Comp. Lab -B.Com<br>III Yr (F.S) |
|                          | Inc. Tax THFS (RW)                                           | Web-Design-I MTW, Dig. Mrkt.-II THFS (LD)                   | Indirect Tax THFS (KG)                           |                                                      |                                  |

Prof. Names

1. NM- Dr. Nisha Malvi
2. LD- Lalit Dhandole
3. KG- Kanchana Gujre
4. RW- Rajendra Waghmare
5. RA - Dr. Rashmi Agrawal
6. RT - Rahul Thakur
7. NP-Nilesh Patil

8. KW- Kirti Warathe
9. PB - Pankaj Baraskar

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**J.H.GOV.T.P.G.COLLEGE BETUL (M.P.)**  
**TIME TABLE 2020-21**  
**B.B.A. I, & II YEAR III Year**

| CLASS/TIME                | DAY           | 09.20-10.00                                           | 10.00-10.40                                                 | 10.40-11.20                                  | 11.20-12.00                            | 12.00-12.40               |
|---------------------------|---------------|-------------------------------------------------------|-------------------------------------------------------------|----------------------------------------------|----------------------------------------|---------------------------|
| B.B.A I YEAR<br>R.N.114   | M<br>T<br>W   |                                                       | FINC.A/C<br>(HJ.)                                           | ENGLISH<br>(RT) MT                           | MICRO ECONOMICS<br>(SC)                | BUS.STAT.<br>(HJ.)        |
|                           | Th<br>Fr<br>S |                                                       | COMMUNICATION<br>SKILLS<br>(SC)                             | HINDI<br>(RA) WTH<br>ENTRE. STUDY<br>(KV) FS | BUS. MATH.<br>(SC)                     | PRINCIPAL OF MGT.<br>(HJ) |
| B.B.A II YEAR<br>R.N.111  | M<br>T<br>W   |                                                       | HINDI<br>MT (RA)<br>ENGLISH<br>FS (RT)                      | ORGANIZATIONAL BHEA.<br>(SC)                 | MARKETING<br>RECSEARCH<br>(HJ)         | MARKETING MGT<br>(SC)     |
|                           | Th<br>Fr<br>S |                                                       | ENV..STUDY<br>WTH (KV.)                                     | FIN MGT<br>WTH (KV.)                         | HUMAN<br>RECSEARCH MGT.<br>(HJ.)       | PROJECT MGT.<br>(SC)      |
| B.B.A III YEAR<br>R.N.110 | M<br>T<br>W   | CONSUMER<br>BEHAVIOUR<br>(SC)                         | BUS. LAW /MIS<br>(SC)                                       | MIS<br>(HJ)                                  | HINDI<br>(RA) MT<br>ENGLISH<br>(RT) TH |                           |
|                           | Th<br>Fr<br>S | Advertising<br>Managemet<br>& Sales Promotion<br>(HJ) | ENTREPRENEURIAL<br>DEVELOPMENT/ BUS.<br>ENVIRONMENT<br>(HJ) | BUS. ENVIROMENT<br>(SC)                      | COMPUTER A.WA.<br>(PB) FS              |                           |

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R.T. RAHUL THAKUR SC.- Prof. SHIV CHOUDHARY  
NP - NILESH PATIL HJ- Prof. Hitesh Jain  
PB - PANKAJ BARSKAR R.A. RASHMI AGRAWAL  
KV - KIRTI VARATHE

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## Teaching Planner 2020-21

JH Govt PG College, Betul(MP)

### Teaching Planner

Faculty's Name: **Dr. Sonali Saini Sahu**

Session - 2020-2021


Department- Mathematics

Class - M.Sc. I sem Mathematics

Paper-I

Subject: Advanced Abstract Algebr

| Unit   | Topic                                                                         | Month                       |
|--------|-------------------------------------------------------------------------------|-----------------------------|
| Unit 1 | Another Counting Principle                                                    | October 2020                |
|        | Conjugacy relation                                                            |                             |
|        | Normalizer, Class Equation                                                    |                             |
|        | Cauchy theorem. Sylow's theorem                                               |                             |
|        | Double coset, Second and Third part of Sylow's theorem                        |                             |
|        | Application of Sylow's theorems in finite groups                              |                             |
| Unit 2 | Series of Groups: Normal and Subnormal series                                 | November 2020               |
|        | Composition series, Zassenhaus lemma,                                         |                             |
|        | Schreier refinement theorem                                                   |                             |
|        | Jordan Holder theorem.                                                        |                             |
| Unit 3 | Solvable Groups and its properties<br>Nilpotent Groups and its properties.    | December 2020/ January 2021 |
| Unit 4 | Fields: Extension field. Finite extension. Algebraic element.                 | January/ February 2021      |
|        | Algebraic and transcendental extension. Roots of Polynomials, Splitting field |                             |
| Unit-5 | More about roots: Derivative of a polynomial. Simple extension.               | February/ March 2021        |
|        | Primitive element, Separable and inseparable and inseparable extension.       |                             |
|        | Perfect field. Finite field                                                   |                             |

  
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**JH Govt PG College, Betul(MP)**

**Teaching Planner**

**Faculty's Name: Dr. Chandrashekhar Meshram**

Session - 2020-2021

Department- Mathematics

Class - M.Sc. I sem Mathematics

Paper- III

Subject: Topology - I

| Unit   | Topic                                                                                                       | Month                      |
|--------|-------------------------------------------------------------------------------------------------------------|----------------------------|
| Unit 1 | Countable and uncountable sets                                                                              | October 2020               |
|        | Infinite sets and the Axiom of Choice Cardinal number and its arithmetic                                    |                            |
|        | Schroeder-Bernstein theorem                                                                                 |                            |
|        | Cantor's theorem and the continuum hypotheses                                                               |                            |
|        | Zorn's lemma. Well - ordering theorem.                                                                      |                            |
| Unit 2 | Definition and example of topological spaces                                                                | October/ November 2020     |
|        | Closed sets. Closure. Dense subsets                                                                         |                            |
|        | Neighborhoods. Interior exterior and boundary of sets.                                                      |                            |
|        | Accumulation points and derived set                                                                         |                            |
|        | Bases and sub-bases for topology. Subspace and relative topology                                            |                            |
| Unit 3 | Alternate methods of defining a topology in terms of Kuratowski Closure Operation and Neighborhood Systems. | November/December 2020     |
|        | Continuous functions and homeomorphism.                                                                     |                            |
| Unit 4 | First and second Countable spaces                                                                           | December 2020/January 2021 |
|        | Second Countability and Separability.                                                                       |                            |
| Unit-5 | Path - connectedness, connected spaces                                                                      | February/March 2021        |
|        | Connectedness on Real line Components                                                                       |                            |



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**JH Govt PG College, Betul(MP)**

**Teaching Planner**

Faculty's Name: Dr. Khushal Devghare

Session - 2020-2021

Department- Mathematics

Class - M.Sc. I sem Mathematics

Paper-IV

Subject: Complex Analysis-I

| Unit   | Topic                                                                              | Month                      |
|--------|------------------------------------------------------------------------------------|----------------------------|
| Unit 1 | Complex integration, Cauchy Goursat theorem                                        | October 2020               |
|        | Integral formula                                                                   |                            |
|        | Higher order derivatives                                                           |                            |
| Unit 2 | Morera's theorem. Cauchy's inequality                                              | October/November 2020      |
|        | Liouville's theorem                                                                |                            |
|        | The fundamental theorem of algebra                                                 |                            |
|        | Taylor's theorem.                                                                  |                            |
| Unit 3 | The maximum modulus principle. Schwarz lemma                                       | November/December 2020     |
|        | Laurent series. Isolated singularities                                             |                            |
|        | Meromorphic functions. The argument principle                                      |                            |
|        | Rouche's theorem. Inverse function theorem                                         |                            |
| Unit 4 | Residues Cauchy's residue theorem                                                  | December 2020/January 2021 |
|        | Evaluation of integrals                                                            |                            |
|        | Branches of many valued function with special reference to $\arg z, \log z, \dots$ |                            |
| Unit-5 | Bilinear transformations, their properties and classification                      | February/March 2021        |
|        | Definitions and examples of conformal mappings.                                    |                            |





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### JH Govt PG College, Betul(MP)

#### Teaching Planner

Faculty's Name: Dr. Ritu Sahu

Session - 2020-2021

Department- Mathematics

Class - M.Sc. I sem Mathematics

Paper-V

Subject : Advanced Discrete Mathematics – I

| Unit   | Topic                                                                                                                         | Month                      |
|--------|-------------------------------------------------------------------------------------------------------------------------------|----------------------------|
| Unit 1 | Semigroups & Monoids - Definition. Example of semi groups and monoids (including those pertaining to concatenation operation) | October 2020               |
|        | Homomorphism of semigroups and monoids                                                                                        |                            |
|        | Congruence relation and Quotient Semigroups                                                                                   |                            |
|        | Sub semigroup and sub monoids.                                                                                                |                            |
| Unit 2 | Direct products. Basic Homomorphism Theorem                                                                                   | October/November 2020      |
|        | Lattices - Lattices as partially ordered sets. Their properties                                                               |                            |
|        | Lattices as Algebraic systems. Sublattices                                                                                    |                            |
|        | Direct products and Homomorphisms                                                                                             |                            |
| Unit 3 | Some Special Lattices e.g. Complete Complemented and Distributive lattice                                                     | November/December 2020     |
|        | Boolean Algebras - Boolean Algebras as Lattices. Various Boolean Identities                                                   |                            |
|        | The Switching Algebra example. Subalgebras, Direct Products and Homomorphisms                                                 |                            |
|        | Join - irreducible elements. Atoms and Minterms. Boolean Forms and Their Equivalence. Minterm Boolean Forms.                  |                            |
| Unit 4 | Sum of Products Canonical Forms Minimization of Boolean Functions                                                             | December 2020/January 2021 |
|        | Applications of Boolean Algebra to Switching Theory (using AND . OR . NOT gates). The Karnaugh Map method.                    |                            |
|        | Graph Theory - Definition of (Undirected) Graphs. Paths                                                                       |                            |
|        | Circuits, Cycles, & Subgraphs                                                                                                 |                            |
| Unit-5 | Induced Subgraphs. Degree of a vertex Connectivity                                                                            | February/March 2021        |
|        | Planar Graphs and their properties Trees                                                                                      |                            |
|        | Euler's Formula for connected Planer Graphs                                                                                   |                            |
|        | Complete Bipartite Graphs Kuratowski's Theorem (statement only) and its uses                                                  |                            |
| Unit-5 | Spanning Trees. Cut - sets. Fundamental Cut - sets and Cycles                                                                 | February/March 2021        |
|        | Minimal Spanning Trees and Kruskal's Algorithm. Matrix Representations of Graphs                                              |                            |



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**Teaching Planner**

**Faculty's Name: Dr. Manoj Ughade**

Session - 2020-2021

Department- Mathematics

Class - M.Sc. III sem Mathematics

Paper- I

Subject : Functional Analysis

| Unit   | Topic                                                                            | Month                      |
|--------|----------------------------------------------------------------------------------|----------------------------|
| Unit 1 | Convergence, Completeness and Baire's Theorem                                    | October 2020               |
|        | Cantor intersection Theorem, Continuous mappings                                 |                            |
|        | Uniformly continuous mapping                                                     |                            |
|        | Spaces of continuous functions.                                                  |                            |
| Unit 2 | Euclidean and Unitary spaces, Cauchy, Minkowski and Holders inequalities         | October/November 2020      |
|        | Normed linear spaces, Examples and elementary properties                         |                            |
|        | Equivalence of norms, Banach spaces and examples,                                |                            |
|        | Continuous linear transformations                                                |                            |
| Unit 3 | Functionals and their extensions, related lemma                                  | November/December 2020     |
|        | Hahn-Banach Theorem for normed linear spaces, Conjugates of normed linear spaces |                            |
|        | The natural embedding of normed linear spaces in its second conjugate space      |                            |
|        | Reflexive Banach spaces, open mapping theorem                                    |                            |
|        | Closed graph theorem.                                                            |                            |
| Unit 4 | Conjugate of an operator, Uniform-boundedness principle and its applications,    | December 2020/January 2021 |
|        | Inner product spaces and their elementary properties                             |                            |
|        | Parallelogram law, Schwartz inequality and polarization identity.                |                            |
|        | Hilbert Space and examples, orthogonal complements in Hilbert spaces.            |                            |
| Unit-5 | Orthonormal sets, Bessel's inequality                                            | February/March 2021        |
|        | Gram Schmidt orthonormalization process                                          |                            |
|        | Conjugate Space of Hilbert space, Riesz representation theorem                   |                            |
|        | Adjoint of an operator, properties.                                              |                            |





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**Teaching Planner**

Faculty's Name:

Session - 2020-2021

Department- Mathematics

Class - M.Sc. III sem Mathematics

Paper- II

Subject : Advanced Graph Theory-I

| Unit   | Topic                                                           | Month                       |
|--------|-----------------------------------------------------------------|-----------------------------|
| Unit 1 | Revision of graph theoretic preliminaries, Operations on graphs | October 2020                |
|        | Graph Isomorphism disconnected graph and their Components       |                             |
|        | Traveling salesman problem, round table problem 3               |                             |
| Unit 2 | Eulerian and Hamiltonian Paths and circuits                     | October/November 2020       |
| Unit 3 | Properties of trees, Distance center, radius                    | November/December 2020      |
|        | diameter eccentricity and related theorems                      |                             |
|        | Graph as metric space Rooted and binary trees.                  |                             |
| Unit 4 | Labelled graph and trees spanning tree                          | December 2020 /January 2021 |
|        | weighted spanning tree                                          |                             |
|        | Shortest path                                                   |                             |
| Unit-5 | Fundamental cutsets                                             | February/March 2021         |
|        | Rank and nullity                                                |                             |
|        | cut sets and cut vertices                                       |                             |
|        | fundamental cut sets.                                           |                             |

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Faculty's Name: Fuzzy Sets and Their Applications

Session - 2020-2021

Department- Mathematics

Class - M.Sc. III sem Mathematics

Paper- III

Subject : Fuzzy Sets And Their Application

| Unit   | Topic                                                                                                                                | Month                      |
|--------|--------------------------------------------------------------------------------------------------------------------------------------|----------------------------|
| Unit 1 | Idea of fuzzy set and membership function, Definition of a fuzzy set                                                                 | October 2020               |
|        | membership function, representation of membership function                                                                           |                            |
|        | General definitions and properties of fuzzy sets                                                                                     |                            |
|        | Support, height, equality of two fuzzy sets, containment, examples                                                                   |                            |
| Unit 2 | Union and Intersection of two fuzzy sets, Complement of a fuzzy set                                                                  | October/November 2020      |
|        | normal fuzzy set, $\alpha$ cut set of a fuzzy set                                                                                    |                            |
|        | strong $\alpha$ - cut, convex fuzzy set                                                                                              |                            |
|        | Decomposition of fuzzy sets, Degree of sub set hood                                                                                  |                            |
| Unit 3 | Level set of a fuzzy set. Cardinality, fuzzy cardinality, examples                                                                   | November/December 2020     |
|        | Other important operations on fuzzy sets                                                                                             |                            |
|        | Product of two fuzzy sets                                                                                                            |                            |
|        | Product of a fuzzy set with a crisp number                                                                                           |                            |
| Unit 4 | Power of a fuzzy set . Difference of two fuzzy sets                                                                                  | December 2020/January 2021 |
|        | Disjunctive sum of two fuzzy sets, example.                                                                                          |                            |
|        | General properties of operations on fuzzy sets                                                                                       |                            |
|        | Commutativity, associativity, distributivity . Idempotent law                                                                        |                            |
| Unit-5 | identities for operations, Transitivity, involution                                                                                  | February/March 2021.       |
|        | Demorgans laws, proofs and examples, Some important theorems on fuzzy sets                                                           |                            |
|        | set inclusion of fuzzy sets and corresponding $\alpha$ - cuts and strong $\alpha$ - cuts ( Theorem 1 ) .                             |                            |
|        | Comparison of $\alpha$ - cut and strong $\alpha$ -cut                                                                                |                            |
| Unit-5 | Order relation of scalars $\alpha$ is inversely preserved by set inclusion of corresponding $\alpha$ -cuts and strong $\alpha$ -cuts | February/March 2021.       |
|        | $\alpha$ - cut of union and intersection of two fuzzy sets                                                                           |                            |
|        | $\alpha$ - cut of complement of a fuzzy set ( Theorem 2 )                                                                            |                            |
|        | Examples, $\alpha$ - cuts and strong $\alpha$ - cuts of union and intersection of arbitrary collection of fuzzy sets .               |                            |

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**JH Govt PG College, Betul(MP)**

**Teaching Planner**

Faculty's Name: **Dr. Ritu Sahu**

Session - 2020-2021


Department- Mathematics

Class - M.Sc. III sem Mathematics

Paper- IV

Subject : Operational Research

| Unit   | Topic                                                            | Month                       |
|--------|------------------------------------------------------------------|-----------------------------|
| Unit 1 | Operational Research and its scope                               | October 2020                |
|        | Origin and Development of Operational Research                   |                             |
|        | Characteristics of Operational Research                          |                             |
| Unit 2 | Models in Operational Research                                   | October/November 2020       |
|        | Phase of Operational Research                                    |                             |
|        | Uses and Limitations of Operation Research,                      |                             |
|        | Linear Programming Problems                                      |                             |
| Unit 3 | Graphical procedure                                              | November/December 2020      |
|        | Graphical solution of property behaved L.P. problems             |                             |
|        | Graphical solution in some exceptional cases.                    |                             |
| Unit 4 | General Linear Programming Problem: Simplex Method               | December 2020 /January 2021 |
|        | exceptional cases                                                |                             |
|        | artificial variable techniques: Big M Method                     |                             |
|        | Two phase Method and problem of degeneracy.                      |                             |
| Unit-5 | Concept of Duality: Definition of Primal-dual problems           | February/March 2021         |
|        | symmetric Primal-dual problems, Unsymmetric Primal-dual problems |                             |
|        | General rules for converting any primal into dual                |                             |
|        | Fundamental theorem of duality                                   |                             |

  
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JH Govt PG College, Betul(MP)

Teaching Planner

Faculty's Name: Dr. Sonali Saini Sahu

Session - 2020-2021

Department- Mathematics

Class - M.Sc. III sem

paper-V

Subject : Integral Transform-I

| Unit                                           | Topic                                                                                     | Month                       |
|------------------------------------------------|-------------------------------------------------------------------------------------------|-----------------------------|
| Unit 1<br>$(u-y)$<br>$C \rightarrow C_1 + C_2$ | Problem related to Laplace transform Initial and bounding values problems                 | October 2020                |
|                                                | simultaneous ordinary differential equations                                              |                             |
|                                                | Problem related to solution of partial differential equations,                            |                             |
|                                                | Applications of Laplace Transformed in Differential Equations.                            |                             |
| Unit 2<br>$(u-y)$                              | Two-dimensional Laplace's Equation (Cartesian and Polar form)                             | October/November 2020       |
|                                                | Three dimensional Laplace's Equation to related problems.                                 |                             |
| Unit 3<br>$(u-y)$                              | Notion of wave Equation, General solution of wave Equation,                               | November/December 2020      |
|                                                | Solution by separation of variables,                                                      |                             |
|                                                | Solution of two-dimensional wave equation,                                                |                             |
|                                                | Three-dimensional wave equation.                                                          |                             |
| Unit 4<br>$(u-y)$                              | Definition: Integral Equations, problem related to Integral Equations of convolution type | December 2020/ January 2021 |
|                                                | Integral differential equation, Abel's differential equation.                             |                             |
| Unit-5<br>$(u-y)$                              | Notion of Heat Equation, One- and two-dimensional heat conduction equation,               | February/ March 2021        |
|                                                | Solution by separation of variables and problem based on it.                              |                             |





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शैक्षणिक प्लानर (Teaching Planner)

सत्र 2020-21 विभाग Department of Botany

कक्षा B.Sc.I Yr. विषय Botany प्रश्नपत्र P-I

| माह                  | विभाग योजना का विवरण                                                                                                        |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------|
| October 2020         | Prokaryotes Eukaryotes cell structure<br>Bacteria Virus Cyanobacteria Life cycle<br>Equis. Imp                              |
| November 2020        | Algae - characters classification Economic Imp<br>Life cycle - Volvox Oedogonium Chara Vaucheria<br>Ectocarpus Polysiphonia |
| December 2020<br>CCB | Fungi - classification structure Life cycle<br>Mucor, Agaricus, Peziza Aspergillus Puccinia<br>etc                          |
| January 2021         | Colletotrichum Cercospora Lichen Plant disease<br>Bryophyta - characters classification                                     |
| February 2021        | Life cycle Marchantia Anthoceros =<br>Polytrichum                                                                           |
| March - 2021         | Pleridophyta - classification characters<br>Life cycle Rhynia Lycopodium Selaginella<br>Equisetum                           |
| April - 2021         | Life cycle Marsilea stelar Organization                                                                                     |
|                      |                                                                                                                             |
|                      |                                                                                                                             |
|                      |                                                                                                                             |



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Dr. Anshuman Mehta

कार्यालय प्राचार्य, ज.हा.शासकीय स्नातकोत्तर महाविद्यालय बैतूल

शैक्षणिक प्लानर (Teaching Planner)

सत्र 2020-21 विभाग Botany Department

कक्षा M.Sc. E.II विषय Botany प्रश्नपत्र P-III P-II

| मास           | विषय के मुख्य एवं विवरण                                                                                                |
|---------------|------------------------------------------------------------------------------------------------------------------------|
| October-2020  | General characters classification and Ecos. Imp. Order - Marchantioides Life cycle Marchantioides                      |
| November-2020 | Life cycle Targionia - Ploiochasma. Sphaerocarpus Pellia - Porrella.                                                   |
| December-2020 | Order - Calobryales Notothylales Order - Anthocerosiales - Lifecycle Anthoceros Notothylales CCB Order - Selaginiales. |
| January-2021  | Order - Polytichales - Polytichium. Comparative account of gametophytes etc.                                           |
| February-2021 | Dicot-Monocot. stem Root - Sec. growth. Anacardium Sec. growth in Dicot stem etc                                       |
| March-2021    | Ecological Adaptation in stem Root Leaf Hydrophyte Xerophyte mesophyte Halophyte etc. CCB                              |
| April - 2021  | Embryology - Micro Megasporogenesis Pollen storage Pollination fertilization fruit seed etc                            |
|               |                                                                                                                        |
|               |                                                                                                                        |
|               |                                                                                                                        |
|               |                                                                                                                        |

AM



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Dr. Archana Nishu-

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शैक्षणिक प्लानर (Teaching Planner)

सत्र 2020-21 विभाग Department of Botany

कक्षा B.Sc. III IV विषय Botany प्रश्नपत्र P-I P-III

| मास                  | विषय के अंतर्गत विवरण                                                                                                                    |
|----------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| October-2020         | Structure classification and Importance of Carbohydrates Mono, Di, Poly, Oligosaccharides derivatives.                                   |
| November-2020        | Classification of Saturated Unsaturated fatty acids Lipid cholesterol Steroids Amino acids essential nonessential Proteins vitamins etc. |
| December-2020<br>CCB | Enzymes structure classification action types coenzyme cofactors.                                                                        |
| January-2021         | Allostic and Isoenzyme.                                                                                                                  |
| February-2021        | scope definition Ethnobotany Valuable plants used by tribes cosmetics essential Nonessential oil perfumes etc.                           |
| March-2021<br>CCB    | Fish poisoning plants Ethnobotanical Imp. of plants - Madhuka, Azadirachta Pterocarpus Cassia fistula, Withania etc plants               |
| April-2021           | Plants Used in diseases Prevention - fever, Cough skin disease Asthma Heart disease skin etc. Valuable food plant - Tribes.              |
|                      |                                                                                                                                          |
|                      |                                                                                                                                          |
|                      |                                                                                                                                          |
|                      |                                                                                                                                          |

Arch





Teachers Planner

Department of Physics, J.H. Govt. College Betul

Name of Teacher: Shiv Prakash Pawar

Session : 2020-21

Class: BSc II year Physics

Subject: Physics Paper I

| Unit | Topics                                                                                                                                                                      | Lecture Dates with Month                                                  | No. of Lectures |    |
|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|-----------------|----|
| I    | Geometrical optics & waves:<br>Reflection, Refraction, optical<br>instruments                                                                                               | Sept: 1, 2, 7, 8, 9, 14, 15<br>16, 21, 22, 23, 28,<br>29, 30              | 14              |    |
|      | Simple Harmonic motion, Damped<br>Harmonic motion etc                                                                                                                       |                                                                           |                 |    |
|      | Interference of Light:<br>Constructive & Destructive Interference<br>All related experiments.                                                                               | Oct: 5, 6, 9, 12, 13, 14<br>19, 20, 21, 26, 29, 28                        |                 | 12 |
| III  | Diffraction:<br>Fresnel & Fraunhofer diffraction<br>Resolving Power of instruments<br>etc                                                                                   | Nov: 2, 3, 4, 9, 10, 18<br>23, 24, 25<br>Dec: 1, 2, 7                     | 12              |    |
|      | Polarisation:<br>polarisation of e.m waves, unpolarised<br>plane polarised & partially plane polarised<br>light, calcite crystal, Nicol prism,<br>Polaroid etc              | Dec: 8, 9, 14, 15, 16, 21<br>22, 23, 28, 29, 30<br>Jan: 4, 5, 6           |                 | 13 |
|      | Laser & photo sensors & fiber optics:<br>Characteristics of Laser, Einsteins Coefficients<br>photo devices, Total internal reflection<br>Pulse & intermodal dispersion, etc | Jan: 11, 12, 13, 18, 19, 20<br>25, 27<br>Feb: 1, 2, 3, 8, 9, 10, 15<br>16 |                 |    |

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Teachers Planner

Department of Physics, J.H. Govt. College Betul

Name of Teacher: Prof. Shiv Prakash Pawar

Session : 2020-21

Class: M.Sc. Sem I

Subject: Mathematical Physics

| Unit | Topics                                                                                                                                                                                                                                                                                                                     | Lecture Dates with Month                          | No. of Lectures |
|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|-----------------|
| I    | Vector space and matrices, linear independence, bases, dimensionality, linear product, Inner Product, Linear transformation, matrices, Inverse, Orthogonal and Unitary matrices Independent elements of a matrix, Eigen values and Eigen vectors, Diagonalization, complete orthogonal set of functions.                   | Oct - 5, 6, 7, 12, 13, 14, 19, 20                 | 08              |
| II   | Differential equations: Recursion relation, generating functions and orthogonality of Bessel functions of first and second kind, Hermite, Legendre, Associate Legendre and Laguerre Polynomials, Curvilinear coordinate system with specific cases of Cartesian, Cylindrical, and Spherical coordinate systems.            | Oct - 21, 26, 27, 28<br>Nov - 2, 3, 4, 9          | 08              |
| III  | Integral transforms. Fourier integral. Fourier transform and inverse Fourier transforms. Fourier transform of derivatives. Convolution theorem. Elementary Laplace transforms. Laplace transform of derivatives. Application to a damped harmonic oscillator.                                                              | Nov - 10, 18, 23, 24, 25<br>Dec - 1, 2            | 07              |
| IV   | Green's Functions: Non- Homogenous boundary value problems, Green's function for one dimensional problem, eigen function expansion of Green's function, Fourier transform. Method of constructing Green's functions, Green's function for electrostatic boundary value problems and quantum-mechanical scattering problem. | Dec - 7, 8, 9, 14, 15, 16<br>21, 22               | 08              |
| V    | Complex variables: Analyticity of complex functions. Cauchy Riemann equations. Cauchy theorem. Cauchy integral formula. Taylors, Maclaurin, Laurent series & mapping. Theorem of residues. Simple cases of contour integration. Jordan's lemma Integrals involving multiple valued unctions (Branch points).               | Dec - 23, 28, 29, 30<br>Jan - 4, 5, 6, 11, 12, 13 | 10              |

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### Teachers Planner

Department of Physics, J.H. Govt. College Betul

Name of Teacher: Prof. Shiv Prakash Pawar

Session : 2020-21

Class: M.Sc. Sem III

Subject: Atomic & Molecular Physics

| Unit | Topics                                                                                                                                                                                                                                                    | Lecture Dates with Month               | No. of Lectures |
|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|-----------------|
| I    | Concept of Nuclear Magnetic resonance spectroscopy, Interaction between nuclear spin and magnetic field, population of energy level, relaxation processes, spin-spin interaction and spin-spin coupling between two and more nuclei (Qualitative)         | Sept - 3, 4, 5, 10, 11, 12             | 09              |
|      |                                                                                                                                                                                                                                                           | 17, 18, 19                             |                 |
| II   | Franck Condon principles, dissociation and pre-dissociation, dissociation energy. Born-Oppenheimer-approximation, vibrational coarse structure of electronic spectra (bands progression and sequence).                                                    | Sept - 24, 25, 26                      | 09              |
|      |                                                                                                                                                                                                                                                           | Oct - 1, 3, 8, 9, 10, 15, 16<br>17, 22 |                 |
| III  | Raman effect, quantum theory of Raman effect, Molecular Polarizability in Raman effect, Vibrational Raman spectra, vibration-rotation Raman Spectra of diatomic molecules, application of Raman and infrared spectroscopy in the structure determination. | Oct - 23, 24, 29                       | 09              |
|      |                                                                                                                                                                                                                                                           | Nov - 5, 6, 7, 19, 20, 21              |                 |
| IV   | Mossbauer effect, principles of Mossbauer spectroscopy, recoil less emission of gamma emission, line width and resonance absorption, application of Mossbauer spectroscopy (Isomer shift, Quadra pole splitting magnetic field effect).                   | Nov - 26, 27, 28                       | 09              |
|      |                                                                                                                                                                                                                                                           | Dec - 3, 4, 5, 10, 11, 12              |                 |
| V    | Elementary Idea about ESR, Principle of ESR, ESR spectrometer, splinting of electron energy levels by a magnetic field, g-Values, simple experimental setup of ESR. ESR spectra of free radicals in solution, An Isotropic system.                        | Dec - 17, 18, 19, 24, 26               | 06              |
|      |                                                                                                                                                                                                                                                           | 31                                     |                 |

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Teachers Planner

Department of Physics, J.H. Govt. College Betul

Name of Teacher: Prof. Shiv Prakash Pawar

Session : 2020-21

Class: M.Sc. Sem II

Subject: Electrodynamics & Plasma Physics

| Unit | Topics                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Lecture Dates with Month                          | No. of Lectures |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|-----------------|
| I    | Review of Basics of electrostatics and magnetostatics (electric field, Gauss's law, Laplaces and Poisson equations, method of images, Biot-Sawart law, Ampere law, Maxwell's equations, scalar and vector potentials, gauge transformation, Lorentz gauge, Coulomb Gauge, Solution of Maxwell equations in conducting media radiations by moving charges, retarded potentials, Lienard Wiechrt potentials, fields of charged particles in uniform motion, fields of arbitrarily moving charge particle. | Feb - 1, 2, 3, 8, 9, 10, 15, 16                   | 08              |
| II   | Fields of an accelerated charged particles at low velocity and high velocity, angular distribution of power radiated, Review of four vector and Lorentz transformation in 4-dimensional spaces, Invariance of electric charge, relativistic transformation properties of E and H fields. Electromagnetic fields tensor in 4-dimensional Maxwell equation                                                                                                                                                | Feb - 17, 22, 23, 24<br>March - 1, 2, 3, 8, 9, 10 | 09              |
| III  | Four Vector current and potential and their invariance under Lorentz transformation, covariance of electrodynamics. Langragian and Hamiltonian for a relativistic charged particle in External EM field; motion of charged particles in electromagnetic fields, uniform and non uniform E and B fields.                                                                                                                                                                                                 | March - 10, 15, 16, 17, 22<br>23, 24, 30          | 08              |
| IV   | Elementary concept of occurrence of plasma. Gaseous and solid state plasma. Production of gaseous and solid state plasma. Plasma parameters. Plasma confinement pinch effect instability in a pinched- plasma column. Electrical neutrality in a plasma. Debye screening distance. Plasma oscillations: Transverse oscillations and longitudinal oscillations.                                                                                                                                          | April - 5, 6, 7, 12, 19<br>20, 26, 27             | 08              |
| V    | Domain of Magneto-hydrodynamics and plasma Physics : Magneto-hydrodynamic equations, magnetic hydro-static pressure hydrodynamic waves: Magneto-sonic and Alfvén waves, particle orbits and drift motion in a plasmas, Experimental study of Plasma, the theory of single and double probes.                                                                                                                                                                                                            | April - 28<br>May - 03, 04, 05, 10, 11, 12        | 07              |

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Department of Chemistry  
Class:- M.Sc.I Sem  
Paper - 5 (opt) biology for Chemist  
Name of Professor- Prof.O.P.Khatri & Dr.Shiksha Gadekar

| S.No. | Month     | Unit | Topic Coverd                                                                                                                                                                                                                                                       | Number of Lectures |
|-------|-----------|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|
|       | Oct       | 1    | <b>Cell Structure and Functions</b>                                                                                                                                                                                                                                | 12                 |
|       | W1        |      | Structure prokaryotic and eukaryotic cells. Intracellular organelles and their functions.                                                                                                                                                                          |                    |
|       | W2        |      | Comparison of plant and animal cells. Overview and their functions. Comparison of plant and animal cells. Overview of metabolic processes- catabolism and anabolism.                                                                                               |                    |
|       | W3        |      | ATP- the biological energy currency. Origin of life-unique properties of carbon chemical evolution and rise of living systems.                                                                                                                                     |                    |
|       | W4        |      | Introduction to bio-molecules .Building blocks of bio macromolecules.                                                                                                                                                                                              |                    |
|       | Oct & Nov | 2    | <b>Carbohydrates:</b>                                                                                                                                                                                                                                              | 12                 |
|       | W4        |      | Conformation of monosaccharides. Structure and functions of important derivatives of monosaccharides like glycosides. Deoxy sugars. Myoinositol, amino sugars. N - acetylmuramic acid, sialic acid disaccharides and polysaccharides.                              |                    |
|       | W1        |      | Storage polysaccharides cellulose and chitin. Structure and biological function of glucosaminoglycans of mucopolysaccharides . o Carbohydrates of glycoprotein's and glycolipids. Role of sugars in biological recognition. Blood group substances. Ascorbic acid. |                    |
|       | Nov       | 3    | <b>Lipid :</b>                                                                                                                                                                                                                                                     | 16                 |
|       | W2        |      | Fatty acids. Essential fatty acids. Structure and function of triacylglycerols. Glycophospholipids, sphingolipids, cholesterol, bile acids prostaglandin. lipoproteins-composition and function. Role in atherosclerosis.                                          |                    |
|       | W3        |      | Properties of lipid aggregates micelles, bilayers, liposomes and their possible biological functions. Biological membranes. Fluid mosaic model of membrane structure Lipid metabolism b-oxidation of fatty acids.                                                  |                    |
|       | Nov       | 4    | <b>Amino-acids, Peptides and proteins:</b>                                                                                                                                                                                                                         | 14                 |
|       | W3        |      | Chemical and enzymatic hydrolysis of proteins to peptides. Amino acid sequencing Secondary structure of proteins. Force responsible for holding of secondary structures. A helix, b sheets super secondary structure. Triple helix structure of collagen           |                    |



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Paper - Photochemistry  
Name of Professor- Dr.G.P.Sahu & Prof.O.P.Khatri

| S. No. | Month     | Unit | Topic Coverd                                                                                                                      | Number of Lectures |
|--------|-----------|------|-----------------------------------------------------------------------------------------------------------------------------------|--------------------|
|        | Oct       | 1    | <b>Photochemical Reaction</b>                                                                                                     |                    |
|        | W1        |      | Interaction of electromagnetic radiation with matter, types of excitations.                                                       |                    |
|        | W2        |      | life of excited molecule. quantum yield. transfer of excitation energy, actinometry.                                              |                    |
|        | Oct & Nov | 2    | <b>Determination of Reaction Mechanism</b>                                                                                        |                    |
|        | W3        |      | Classification. rate constants and life times of reactive energy state. Determination of rate constants of reactions.             |                    |
|        | W4        |      | Effect of light intensity on the rate of photochemical reactions.                                                                 |                    |
|        | W1        |      | Types of photochemical reactions-photo dissociations. gas-phase photolysis.                                                       |                    |
|        | Nov       | 3    | <b>Photochemistry of Alkenes</b>                                                                                                  |                    |
|        | W1        |      | Intramolecular reactions of the olefinic bond-geometrical isomerism. Cyclisation reactions. rearrangement of 1,4- and 1,5-dienes. |                    |
|        | W2        |      | Photochemistry of Aromatic Compounds Isomerisation. additions and substitutions.                                                  |                    |
|        | Nov & Dec | 4    | <b>Photochemistry of Carbonyl Compounds</b>                                                                                       |                    |
|        | W3        |      | Intramolecular reactions of carbon; compounds-saturated: cyclic and acyclic"                                                      |                    |
|        | W4        |      | By unsaturated and $\alpha$ P unsaturated compounds. cyclohexadienones.                                                           |                    |
|        | W1        |      | Intermolecular cyloaddition reactions-dimerisations and oxetane formation.                                                        |                    |
|        | Dec       | 5    | <b>Miscellaneous Photochemical Reactions</b>                                                                                      |                    |
|        | W2        |      | Photo-Fries reactions of anilides. Photo-Fries rearrangement. Bafion reaction.                                                    |                    |
|        | W3        |      | Singlet molecular oxygen and its reactions. Photochemical formation of smog.                                                      |                    |
|        | W4        |      | Photodegradation of polymers. Photochemistry of vision.                                                                           |                    |

Class:- M.Sc.III Sem



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|       |   |                         |                                                                                                                                                                                                                                  |
|-------|---|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|       |   |                         | methods). sedimentation, chain configuration of macromolecules. of average dimension of average determination.                                                                                                                   |
| March | 4 | <b>Entropy</b>          | Entropy balance equations for different irreversible processes (e.g., heat flow, chemical reaction etc.) transformations of the generalized fluxes and forces.                                                                   |
| W3    |   |                         | Non equilibrium stationary states, phenomenological equations, microreversibility and Onsager's reciprocity relations, electrokinetic phenomena                                                                                  |
| W4    |   |                         | diffusion; electric conduction                                                                                                                                                                                                   |
| April | 5 | <b>Electrochemistry</b> | Electrochemistry of solutions. Debye-Huckel-Onsager treatment and its extension" ion solvent interactions. Debye-Huckel-Jerum mode. Thermodynamic's of electrified interface equations.                                          |
| W1    |   |                         | Derivation of electro capillarity, Lippmann equations (surface excess), methods of determination. Structure of electrified interfaces. Overpotential exchange current density, derivation of Butler Volmer equation.             |
| W2    |   |                         | Tafel plot. Quantum aspects of charge transfer at electrodes-solution interfaces, quantization of charge transfer, tunneling. Semiconductor interfaces-theory of double layer at semiconductor, electrolyte solution interfaces. |
| W3    |   |                         | Structure of double layer interfaces. Effect of light at semiconductor solution interface. Polarography theory, Ilkovic equation; half wave potential and its significance.                                                      |
| W4    |   |                         |                                                                                                                                                                                                                                  |





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Paper - Photochemistry  
Name of Professor- Dr.G.P.Sahu & Prof.O.P.Khatri

| S. No. | Month     | Unit | Topic Covered                                                                                                                    | Number of Lectures |
|--------|-----------|------|----------------------------------------------------------------------------------------------------------------------------------|--------------------|
|        | Oct       | 1    | <b>Photochemical Reaction</b>                                                                                                    |                    |
|        | W1        |      | Interaction of electromagnetic radiation with matter, types of excitations.                                                      | er                 |
|        | W2        |      | Life of excited molecule. quantum yield. transfer of excitation energy, actinometry.                                             | es                 |
|        | Oct & Nov | 2    | <b>Determination of Reaction Mechanism</b>                                                                                       |                    |
|        | W3        |      | Classification. rate constants and life times of reactive energy state. Determination of rate constants of reactions.            |                    |
|        | W4        |      | Effect of light intensity on the rate of photochemical reactions.                                                                |                    |
|        | W1        |      | Types of photochemical reactions-photo dissociations. gas-phase photolysis.                                                      |                    |
|        | Nov       | 3    | <b>Photochemistry of Alkenes</b>                                                                                                 |                    |
|        | W1        |      | Intramolecular reactions of the olefinic bond-geometrical isomerism. Cyclisation reactions. rearrangement of 1,4-and 1,5-dienes. |                    |
|        | W2        |      | Photochemistry of Aromatic Compounds Isomerisation. additions and substitutions.                                                 |                    |
|        | Nov & Dec | 4    | <b>Photochemistry of Carbonyl Compounds</b>                                                                                      |                    |
|        | W3        |      | Intramolecular reactions of carbon;-compounds-saturated. cyclic and acyclic"                                                     |                    |
|        | W4        |      | By unsaturated and $\alpha$ P unsaturated compounds. cyclohexadienones.                                                          |                    |
|        | W1        |      | Intermolecular cycloaddition reactions-dimerisations and oxetane formation.                                                      |                    |
|        | Dec       | 5    | <b>Miscellaneous Photochemical Reactions</b>                                                                                     |                    |
|        | W2        |      | Photo-Fries reactions of anilides. Photo-Fries rearrangement. Bafion reaction.                                                   |                    |
|        | W3        |      | Singlet molecular oxygen and its reactions. Photochemical formation of smog.                                                     |                    |
|        | W4        |      | Photodegradation of polymers. Photochemistry of vision.                                                                          |                    |





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Department of Chemistry  
Class:- M.Sc.IV Sem  
Paper - Bio Chemistry  
Name of Professor- Prof.O.P Khatri & Prof. M.K.Ghorase

| Month       | Unit | Topic Coverd                                                                                                                                                                                                                                                                                                                                                                                                                          | Number of Lectures |
|-------------|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|
| Jan         | 1    | <b>Metal Ions in Biological Systems</b>                                                                                                                                                                                                                                                                                                                                                                                               | 14                 |
| W1          |      | Bulk and trace metals with special reference to Na, K, Mg, Ca, Fe, Cu, Zn. Co and K <sup>+</sup> /Na <sup>+</sup> pump. Bioenergetics and ATP Cycle.                                                                                                                                                                                                                                                                                  |                    |
| W2          |      | DNA polymerisation, glucose storage metal complexes in transmission of energy; chlorophyll's, photosystem I and photosystem II in cleavage of water.                                                                                                                                                                                                                                                                                  |                    |
| W3          |      | <b>Transport and Storage of Dioxygen</b><br>Heam proteins and oxygen uptake structure and function of haemoglobin's,                                                                                                                                                                                                                                                                                                                  |                    |
| W4          |      | Myoglobin, haemocyanms and hemerythilin, Model synthetic complexes of iron" cobalt and copper                                                                                                                                                                                                                                                                                                                                         |                    |
| Feb         | 2    | <b>Electron Transfer in Biology</b>                                                                                                                                                                                                                                                                                                                                                                                                   | 12                 |
| W1          |      | Structure and function of metal of proteins in electron transport processes                                                                                                                                                                                                                                                                                                                                                           |                    |
| W2          |      | Cytochrome's and ion-sulphure proteins, synthetic models.                                                                                                                                                                                                                                                                                                                                                                             |                    |
| W3          |      | Nitrogen fixation Biological nitrogen fixation, and its mechanism. nitrogenase. Chemical nitrogen fixation.                                                                                                                                                                                                                                                                                                                           |                    |
| Feb & March | 3    | <b>Enzymes</b>                                                                                                                                                                                                                                                                                                                                                                                                                        | 20                 |
| W3          |      | Introduction and historical perspective, chemical and biological catalysis, remarkable properties of enzymes like catalytic power, specificity and regulation. Nomenclature and classification, extraction and purification. Fischer's lock and key and Koshalnd's induced fithypothesis, concept and identification of active site by the use of inhibitors, affinity labeling and enzyme modification by site-directed mutagenesis. |                    |
| W4          |      | Enzyme kinetics, Michael's-Menten and Lineweaver Burk plots, reversible and irreversible inhibition. Mechanism of Enzyme Action. Transition-state theory, orientation and Steric effect, acid-base catalysis, covalent catalysis, strain or distortion. Examples of some typical enzyme mechanisms for chemotrypsin, ribonuclease, lysozyme and carboxypeptidase.                                                                     |                    |
| W1          |      | Kinds of Reactions Catalysed by Enzymes Nucleophilic displacement on a phosphorus atom, multiple displacement reactions and the coupling of ATP cleavage to endergonic processes. Transfer of sulphate. addition and elimination reactions, enolic intermediates in isomerisations reactions.                                                                                                                                         |                    |



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जयवन्ती हॉक्सर शासकीय स्नातकोत्तर महाविद्यालय, बैतूल (मप्र)

Jaywanti Haksar Government Post Graduate College, Betul (MP)

Office: Civil Lines, Betul- 460001 Tel: 07141- 234244  
E-mail : [hegjhgcbet@mp.gov.in](mailto:hegjhgcbet@mp.gov.in) Website: [www.jhgovtbetul.com](http://www.jhgovtbetul.com)



Department of Chemistry  
Class:- M.Sc.I Sem  
Paper - 2 Organic Chemistry  
Name of Professor- Dr.Abha Verma, Dr.O.S.Sisodiya & Dr.Shiksha Gadekar

| S.No. | Month | Unit | Topic Coverd                                                                                                                                                                                                                                                                                     | Number of Lecture |
|-------|-------|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|
|       | Oct   | 1    | <b>Structure and bonding.</b>                                                                                                                                                                                                                                                                    | 14                |
|       | W1    |      | Bonding in organic molecules. Delocalized chemical bonding- conjugation, cross conjugation, resonance, Hyperconjugation. Aromaticity in benzenoid and non-benzenoid compounds,                                                                                                                   |                   |
|       | W2    |      | Alternate and non-alternate hydrocarbons. Huckel rule, anti-aromaticity, homoaromaticity. Bonds weaker than covalent bond. Hydrogen bonding, crown ether complexes, and cyclodextrins.                                                                                                           |                   |
|       | Oct   | 2    | <b>Stereochemistry.</b>                                                                                                                                                                                                                                                                          | 14                |
|       | W3    |      | Chirality, elements of symmetry, molecules with more than one chiral center, threo and erythro isomers. R and S configuration. Separation of enantiomers. Regioselective.                                                                                                                        |                   |
|       | W4    |      | Stereospecific and stereoselective reactions. Asymmetric $\pi$ $\pi$ synthesis. Optical activity in the absence of chiral carbon (atropisomerism)- biphenyls, allenes and spiranes, and their nomenclature.                                                                                      |                   |
|       | Nov   | 3    | <b>Reaction Mechanism.</b>                                                                                                                                                                                                                                                                       | 14                |
|       | W1    |      | Types of mechanisms, types of reactions, thermodynamic and kinetic requirements, and control, Potential energy diagrams, transition states and intermediates, methods of determining mechanisms, isotope effects, Effect of structure on reactivity, resonance and field effects, steric effect. |                   |
|       | W1    |      |                                                                                                                                                                                                                                                                                                  |                   |
|       | W2    |      | The Hammett equation and linear free energy relationship, substituent and reaction constants. Taft equation.                                                                                                                                                                                     |                   |
|       | Nov   | 4    | <b>Aliphatic Nucleophilic Substitution.</b>                                                                                                                                                                                                                                                      | 14                |
|       | W3    |      | The SN2, SN1, mixed SN2 and SN1 and SET mechanisms. The SNi mechanism. Reactivity effects of substrate structure, attacking nucleophile, leaving group and reaction medium.                                                                                                                      |                   |
|       | W4    |      | The neighbouring group mechanism, neighbouring group participation by $\pi$ and $\sigma$ bonds. Classical and nonclassical carbocations, norbornyl system, carbocation rearrangements.                                                                                                           |                   |
|       | Dec   | 5    | <b>Conformational analysis of cyclohexanes and decalins.</b>                                                                                                                                                                                                                                     | 14                |
|       | W1    |      | Effect of conformation on reactivity. Conformation of sugar.                                                                                                                                                                                                                                     |                   |
|       | W2    |      | The need for green chemistry, Ecoefficiency challenges. Pollution control & pollution provations green methods green products.                                                                                                                                                                   |                   |
|       | W3    |      | Green Synthesis of paracetamol, green Synthesis of adipic acid, ibuprophen.                                                                                                                                                                                                                      |                   |
|       | W4    |      | Catachol, green chemistry and their application in industrial process.                                                                                                                                                                                                                           |                   |





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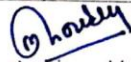


**J H Govt PG College Betul  
English Department (Planner)**

Month : December

Name : Dr. Priyanka Likhitkar

| P. No.     | Date           | Class, Section & Paper | Time              | Class Room Teaching    |
|------------|----------------|------------------------|-------------------|------------------------|
| 1          | 01/12/2021     | BSC I M +CS            | 12:40- 1:20       | National Education     |
|            | 02/12/2021     | BSC I M + CS           | 12:40- 1:20       | National Education     |
|            | 04/12/2021     | BA II FC               | 1:20 -2:00        | Tree : Tina Morris     |
|            | 06/12/2021     | BA II FC               | 1:20 -2:00        | Tree : Tina Morris     |
|            | 07/12/2021     | BSC III M + CS         | 12:00- 12:40      | The Axe                |
| 2          | 08/12/2021     | BSC I M+ CS            | 12:40- 1:20       | Article                |
|            | 09/12/2022     | BSC I M + CS           | 12:40- 1:20       | Synonyms & Antonyms    |
|            | 10/12/2021     | B A II FC              | 1:20 -2:00        | Idioms                 |
|            | 11/12/2021     | B A II FC              | 1:20 -2:00        | Proverbs               |
|            | 13/12/2021     | BSC III M + CS         | 12:00- 12:40      | The Cherry Tree        |
| 14/12/2021 | BSC III M + CS | 12:00- 12:40           | The Cherry Tree   |                        |
| 3          | 15/12/2021     | BSC I M + CS           | 12:40- 1:20       | Preface to Mahabharata |
|            | 16/12/2021     | BSC I M + CS           | 12:40- 1:20       | Preface to Mahabharata |
|            | 17/12/2021     | B A II F C             | 1:20 -2:00        | Letter to God          |
|            | 18/12/2021     | B A II F C             | 1:20 -2:00        | Letter to God          |
|            | 20/12/2021     | BSC III M + CS         | 12:00- 12:40      | Drafting e- Mails      |
| 21/12/2021 | BSC III M + CS | 12:00- 12:40           | Drafting e- Mails |                        |
| 4          | 22/12/2021     | BSC I M +CS            | 12:40- 1:20       | Prepositions           |
|            | 26/12/2021     | BSC III M + CS         | 12:00- 12:40      | Homonyms               |
|            | 28/12/2021     | BSC III M + CS         | 12:00- 12:40      | Homophones             |
|            | 29/12/2021     | BSC I M + CS           | 12:40- 1:20       | Articles               |
|            | 30/12/2021     | BSC I M + CS           | 12:40- 1:20       | Articles               |
| 31/12/2021 | B A II FC      | 1:20 -2:00             | Idioms            |                        |

  
Countersigned by HOD  
Head  
Department Of English  
J.H.Govt. P.G. College Betul (M.P.)

  
Signature of Teacher





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**J H Govt PG College Betul  
English Department (Planner)**

Month : December

Name : Dr. Priyanka Likhitkar Time : 10:40- 11:20

| P. No. | Date       | Class, Section & Paper | Class Room Teaching       |
|--------|------------|------------------------|---------------------------|
| 1      | 01/12/2021 | B A II Year            | A Doll's House            |
|        | 02/12/2021 | English                | A Doll's House            |
|        | 04/12/2021 | Literature             | A Doll's House            |
|        | 06/12/2021 |                        | A Doll's House            |
|        | 07/12/2021 |                        | John Osborne : Biography  |
| 2      | 08/12/2021 | B A II Year            | Look Back in Anger        |
|        | 09/12/2021 | English                | Look Back in Anger        |
|        | 10/12/2021 | Literature             | Look Back in Anger        |
|        | 11/12/2021 |                        | Look Back in Anger        |
|        | 13/12/2021 |                        | Samuel Beckett :Biography |
| 3      | 14/12/2021 |                        | Waiting for Godot         |
|        | 15/12/2021 | B A II Year            | Waiting for Godot         |
|        | 16/12/2021 | English                | Waiting for Godot         |
|        | 17/12/2021 | Literature             | Waiting for Godot         |
|        | 18/12/2021 |                        | Waiting for Godot         |
|        | 20/12/2021 |                        | Charles Dickens           |
| 4      | 21/12/2021 |                        | Charles Dickens           |
|        | 22/12/2021 | B A II Year            | Hard Times                |
|        | 26/12/2021 | English                | Drama & its forms         |
|        | 28/12/2021 | Literature             | Drama & its forms         |
|        | 29/12/2021 |                        | Pride and Prejudice       |
|        | 30/12/2021 |                        | Pride and Prejudice       |
|        | 31/12/2021 |                        | Pride and Prejudice       |

  
Countersigned by HOD,  
Department Of English  
J.H.Govt. P.G. College Betul (M.P.)

  
Signature of Teacher



जयवन्ती हॉक्सर शासकीय स्नातकोत्तर महाविद्यालय, बैतूल (मप्र)

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ज.हा.शा.स्नातकोत्तर महाविद्यालय बैतूल सत्र 2022 - 2020

सत्र MA-I sem

प्रध्यापक का नाम डॉ. पराति डोंगरे

विषय - (आज) संस्कृत

प्रश्न पत्र कात्या

| क्रम आः | प्रस्तावित शिक्षण योजना का विवरण          |
|---------|-------------------------------------------|
| अगस्त   | UNIT - I<br>भेदादत - पूर्वोद्य (आस्था)    |
| सितम्बर | II - भेदादत - उत्तरोद्य (आस्था)           |
| दिसम्बर | III - भेदादत पर आधारित समीक्षात्मक प्रश्न |
| जनवरी   | IV - कुमरसंभव (पंचम सर्ग)<br>आस्था        |
| दिसम्बर | V - कुमरसंभव पर आधारित समीक्षात्मक प्रश्न |

हस्ताक्षर

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जयवन्ती हॉक्सर शासकीय स्नातकोत्तर महाविद्यालय, बैतूल (मप्र)

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ज.हा.शा.स्नातकोत्तर महाविद्यालय बैतूल सत्र 2022 - 2023

क्रम MA- II Sem

विषय - भारतीय दर्शन

प्रध्यापक का नाम डॉ. प्रजाति. जेठरे

प्रश्न पत्र I

| माह    | प्रस्तावित शिक्षण योजना का विवरण           |
|--------|--------------------------------------------|
| जनवरी  | UNIT- I तर्कभाषा-व्याख्या                  |
| फरवरी  | II - तर्कभाषा पर समीक्षात्मक प्रश्न.       |
| मार्च  | III - वेदान्तसार (प्रमाणवाद तर्क) व्याख्या |
| अप्रैल | IV- वेदान्तसार पर समीक्षात्मक प्रश्न       |
| मई     | V - नास्तिक दर्शन पर समीक्षात्मक प्रश्न    |
|        |                                            |

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शैक्षणिक योजना ( Teaching Planner )

सत्र : 2021-22

विभाग / विषय : इतिहास

कक्षा M.A-I, M.A.III SEM

प्रश्नपत्र विश्व इतिहास 18 वी 19 वी सदी / सितम्बर 20 वी सदी का विश्व

| माह                | शिक्षण योजना का विवरण                                                                                                                                                     |
|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| जुलाई<br>M.A.I     | वैश्विक विश्व दृष्टिकोण का जर्माना, प्रवृत्त और विश्लेषण का अर्थ, श्रेय के वैश्विक एवं स्थिति                                                                             |
| जुलाई<br>M.A.III   | 19 वी सदी की विराट, श्रेणीवादी एवं साम्राज्यवाद का विकास, उदारवाद, उदारवादी विचार, उदारवाद के लक्षण एवं दृष्टि।                                                           |
| अगस्त<br>M.A.I     | औद्योगिक क्रांति, इंग्लैंड के औद्योगिक क्रांति तथा श्रेय में विस्तार, औद्योगिक क्रांति का प्रभाव, औद्योगिक क्रांति एवं नवीन सामाजिक वर्गों का उदय, पश्चिम समाजवाद का उदय। |
| अगस्त<br>M.A.III   | साम्राज्यवाद एवं साम्प्रदायिक, साम्राज्यवाद का अर्थ, विभिन्न साम्राज्यवादी विचारधाराएं, साम्प्रदायिक, कार्बन समाज का उदय एवं अर्थ।                                        |
| सितम्बर<br>M.A.I   | 1789 की फ्रांसीसी क्रांति का अर्थ, फ्रांसीसी क्रांति के दार्शनिकों का योगदान, फ्रांसीसी क्रांति की घटनाएं प्रभाव।                                                         |
| सितम्बर<br>M.A.III | 1919 ई तक विश्व प्रथम विश्व युद्ध का अर्थ परिष्कृत शक्ति सम्बन्ध तथा उसके इंग्लैंड-फ्रांस, रूस की 1917 की क्रांति प्रभाव।                                                 |
| अक्टूबर<br>M.A.I   | नेपोलियन का उदय, उन्माद एवं पतन, विप्लव क्रांति का मैट्रिकल उदय, संयुक्त व्यवस्था, पश्चिम के उदय।                                                                         |
| अक्टूबर<br>M.A.III | दो विश्व युद्धों के बीच विश्व शब्दकोश एवं साम्राज्यवाद, 1929-32 का महान् सामर्थ्य संकट, नाजीवाद एवं फ्रांसीसी।                                                            |
| नवम्बर<br>M.A.I    | पश्चिमी श्रेय के लोकोत्थ और उदारवाद का विकास 1815-1914                                                                                                                    |
| नवम्बर<br>M.A.III  | द्वितीय विश्व युद्ध का अर्थ लक्ष्य परीक्षा, साम्राज्यवाद के विकास लक्ष्य, चीन के 1949 की क्रांति एवं उदय प्रभाव।                                                          |
| दिसम्बर            | समेष्ट परीक्षा।                                                                                                                                                           |

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जयवन्ती हॉक्सर शासकीय स्नातकोत्तर महाविद्यालय, बैतूल (मप्र)

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शैक्षणिक योजना ( Teaching Planner )

सत्र : 2020-21  
कक्षा बी.ए. तृतीय वर्ष

विभाग / विषय : अर्थशास्त्र  
प्रश्नपत्र प्रथम - वृद्धि एवं विकास का अर्थशास्त्र  
द्वितीय - सांख्यिकी

| माह             | शिक्षण योजना का विवरण                                                                                                                               |
|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| अप्रैल<br>2020  | पेपर-I : इकाई 1 - आर्थिक वृद्धि और विकास, विकासशील-<br>देशों की विशेषताएँ, आर्थिक वृद्धि और विकास के तत्व                                           |
|                 | पेपर-II : इकाई-1 सांख्यिकी - क्षेत्र एवं प्रकृति, सांख्यिकी<br>के कार्य महत्व एवं सीमाएँ, समग्र एवं न्यादर्श।                                       |
| नवम्बर<br>2020  | पेपर I : इकाई-2 आर्थिक विकास के रिडॉन्ट - एडम<br>रिन्मथु कार्ल मार्क्स थुम्पीटर। आर्थिक विकास की अवस्थाएँ<br>आर्थिक विकास के निवेश मापदंड।          |
|                 | पेपर -II : इकाई-1 समंको संकलन की विधियाँ, वर्गीकरण<br>एवं सांख्यिकीय समंको का बिन्दुरेखीय प्रदर्शन, आवृत्ति<br>विवरण, संयोजी आवृत्ति।               |
| दिसम्बर<br>2020 | इकाई 2 (पेपर-I) पूँजी उत्पाद अनुपात, पूँजी क्षम अनुपात,<br>मानव संसाधन विकास                                                                        |
|                 | पेपर -II : इकाई-2 केन्द्रीय प्रवृत्ति की माप - माध्य,<br>मध्यिका, बहुलक, ज्यामितीय माध्य, हारमोनिक माध्य,<br>अपकृिण का मापन - बिरे-लार, माध्य विचलन |
| जनवरी<br>2021   | पेपर-I : इकाई -3 संतुलित बनाम असंतुलित विकास रिडॉन्ट-<br>जेनेरैटिव, शेडान, आर्थर लुईस, हर्षमैन, लीबिंसटीन, गुन्ना-<br>मिडेल, हेरोड-डोमर।            |
|                 | पेपर II : इकाई-2 प्रमाण विचलन, विचलन गुणांक,<br>-चरार्थक विचलन<br>इकाई-3 सहसंबंध गुणांक - कार्ल पियर्सन, स्पियरमेन कोरिअंतर सहसंबंध                 |
| फरवरी<br>2021   | पेपर I : इकाई 4 आर्थिक विकास, महिला सशक्तिकरण,<br>विकास की तकनीक, - पूँजी प्रधान एवं क्षम प्रधान, मानव<br>विकास सूचकांक                             |

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डॉ रंजिता बरखानिया  
सहायक प्राध्यापक



जयवन्ती हॉक्सर शासकीय स्नातकोत्तर महाविद्यालय, बैतूल (मप्र)

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शैक्षणिक योजना ( Teaching Planner )

सत्र : 2020-21

विभाग / विषय : अर्थशास्त्र

कक्षा बी.ए. तृतीय वर्ष

प्रश्नपत्र प्रथम - वृद्धि एवं विकास का अर्थशास्त्र  
द्वितीय - सांख्यिकी

शिक्षण योजना का विवरण

| माह         | शिक्षण योजना का विवरण                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| फरवरी 2020  | पेपर II : इकाई-3 कोटि स्तरीयता परीक्षा, प्रतीपगमन विश्लेषण, प्रतीपगमन समीकरण, प्रतीपगमन गुणांक, प्रतीपगमन का उपयोग एवं अनुप्रयोग।                                                                                                                                                                                                                                                                                                                               |
| मार्च 2020  | पेपर I : इकाई 5 - परिवार - अर्थव्यवस्था अंतर्संबंध आवश्यकता और वितरितता के रूप में परिवार - जनसंख्या - परिवार अंतर्संबंध; व्यापार विफलता के रूप में परिवार                                                                                                                                                                                                                                                                                                      |
| अप्रैल 2020 | पेपर II : इकाई 4 काल माला का विश्लेषण एवं घटक, योगात्मक एवं गुणात्मक प्रादर्श, चल माध्यम की विधियाँ, सूचकांक की अवधारणा, प्रकार, महत्व, निर्माण व समस्याएँ<br>पेपर I : इकाई-5 - धारणीय विकास की अवधारणा परिवारणीय शक्ति का आंकलन - भूमि, जल वायु और वन। प्रदूषण में कड़ी नियंत्रण और रोकथाम।<br>पेपर-II : इकाई-4 लॉस्टिपपर पाश्चे एवं फिशर का सूचकांक इकाई-5 प्राप्तिता अनुसंधान अवधारणा व प्रकार अनुसंधान-यंत्र की समस्या परिकल्पना, अनुसंधान प्राप्तिदेन लेखन |
|             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
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|             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

डॉ रंजिता बरखानिया  
सहायक प्राध्यापक





जयवन्ती हॉक्सर शासकीय स्नातकोत्तर महाविद्यालय, बैतूल (मप्र)

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विभाग/विषय : अर्थशास्त्र

कक्षा एम. ए. द्वितीय सेमेस्टर  
एम. ए. चतुर्थ सेमेस्टर

प्रश्नपत्र - III अनुसंधान विधियां एवं सांख्यिकी अनुमान  
- II जनंकिकी

| माह                  | शिक्षण योजना का विवरण                                                                                                                                                                                                                                                                  |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| फरवरी 2021           | इकाई 1 - अनुसंधान - अर्थ प्रकार, वैज्ञानिक अनुसंधान के सोपान, अनुसंधान अभिकल्प, निर्देशन की विधियां, शोध प्रतिवेदन लेखन<br>इकाई-2 काल प्रेणी विश्लेषण                                                                                                                                  |
| मार्च 2021           | इकाई-2 उपनति की माप की विधियां - ग्राफिक विधि, मध्यक सीति, चल माध्य सीति एवं न्यूनतम वर्ग सीति<br>इकाई-3 प्रायिकता एवं उसके प्रमेय, प्रायिकता की गणना                                                                                                                                  |
| अप्रैल 2021          | इकाई-3 - सैद्धांतिक संभावना वितरण, प्रसामान्य डिपद एवं हार्मोन वितरण<br>इकाई 4 - परिकल्पना परीक्षण - प्रमाप विभ्रम एवं न्यायार्थ वितरण अनुमान, तड़े एवं छोटे न्यायार्थ T, F एवं Z परीक्षा                                                                                              |
| मई 2021              | इकाई 5 - कई वर्ग परीक्षण एवं अन्वायोजन प्रसरण का विश्लेषण                                                                                                                                                                                                                              |
| M.A. IV Sem. जनंकिकी |                                                                                                                                                                                                                                                                                        |
| फरवरी 2021           | इकाई-1 जनंकिकी, जनसंख्या विकास के अवयव तथा उनकी अंतर्निश्चिता जनसंख्या परिवर्तन की माप, संरचना, वितरण तथा जनसंख्या के स्त्री-पुरुष अनुपात का, जनसंख्या सिरांत, अनुसंधान जनसंख्या सिरांत जनंकिकी संकलन सिद्धांत - मीड, एन्के व सामान्य के सिद्धांत                                      |
| मार्च 2021           | इकाई-2 - प्रौढ़ स्त्री में जनसंख्या की प्रवृत्तियां, जनसंख्या विस्फोट, जनसंख्या विकास व वितरण के अंतर्राष्ट्रीय पहलू। आयु एवं लिंग संरचना - स्वरूप निर्धारक तत्व एवं जनंकिकीय प्रभाव, आयु पिरामिड तथा उद्घरण।<br>इकाई-3 - उर्वरता के अध्ययन का महत्व, संकल उर्वरता दर, उर्वरता के स्तर |
| अप्रैल 2021          | इकाई - 3 - इर्वरता की प्रवृत्तियां तथा प्रभावित करने वाले कारक, इकाई 4 - मृत्यु दर, मृत्युदर के आयु व लिंग संबंधी स्वरूप हाल ही के वर्षों में मृत्युदर में गिरावट के कारक, जीवन सारणी                                                                                                  |
| मई 2021              | इकाई 4 - स्थिर जनसंख्या की अवधारणा, जनसंख्या प्रक्षेपण विधि<br>इकाई 5 - प्रवासन - अंतर्राष्ट्रीय एवं अंतर्राष्ट्रीय प्रवासन को प्रभावित करने वाले कारक, आंतरिक प्रवासन सिद्धांत, नगरीकरण                                                                                               |

*(Signature)*





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शैक्षणिक योजना ( Teaching Planner )

सत्र : 2020-21

विभाग/विषय : अर्थशास्त्र

कक्षा : एम.ए. प्रथम सेमेस्टर

प्रश्नपत्र -1 ट्यूलिट आर्थिक विश्लेषण

| माह             | शिक्षण योजना का विवरण                                                                                                                                                                                                                                                                                                     |
|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| अक्टूबर<br>2020 | इकाई -1 माँग की लोच एवं गठना, पूर्ण की लोच, माँग सिद्धांत उदासीनता वक्र तथा इनके अनुप्रयोग, प्रगत अदिमान सिद्धांत, बिस्व डाय माँग सिद्धांत का पुनरीक्षण, अप्रत्यक्ष उपयोगिता फलन                                                                                                                                          |
| नवम्बर<br>2020  | इकाई -2 माँग विश्लेषण में नवीनतम विकास, उपभोक्ताओं का अतिशेष, अंतर्कालिक उपभोग, कीमत सिद्धांत, कानवेन प्रमेय, संबंधित बाजारों में पश्चतता समायोजन।                                                                                                                                                                        |
| दिसम्बर<br>2020 | इकाई -3 उत्पादन फलन, परिवर्तनीय अनुपातों का नियम तथा पैमाने के प्रतिफल, समोत्पाद रेखाएँ, आगले का न्यूनतम लागत संयोग, उत्पादन के प्रतिफल पैमाने एवं बचत, यूजर प्रमेय                                                                                                                                                       |
| जनवरी<br>2021   | इकाई -4 तकनीकी प्रगति तथा उत्पादन फलन का उल्लेख CES VES तथा इस लागत उत्पादन फलन लागत का आधुनिक व परंपरागत सिद्धांत उत्पादन के समुत्पन्न माँग, इकाई -5 कीमत तथा उत्पादन निर्धारण - पूर्ण प्रतियोगिता, अपूर्ण प्रतियोगिता एकाधिकार के अंतर्गत फर्म एवं उद्योग का साम्य एकाधिकार कीमत विभेदीकरण, एकाधिकार नियंत्रण एवं नियमन |
|                 |                                                                                                                                                                                                                                                                                                                           |
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## J. H. GOVT. P. G. COLLEGE BETUL M.P. TEACHING PLANNER

SESSION :- 2020-2021

Department :- Department of Sociology Class :- B.A.-1<sup>st</sup> Year Subject :- Sociology

Paper No. :- 1

Paper Name :- Basic Concepts fo Sociology

| S.NO. | Month                 | Description of teaching plan                                                                            |
|-------|-----------------------|---------------------------------------------------------------------------------------------------------|
| 1.    | July 2017             | Unit-1:- Sociology: Meaning, Defination, Nature fo Sociology, Subject Matter Scope and Importance,      |
| 2.    | August 2017           | Origin and Development of Sociology, Sociology and other Social Science.                                |
| 3.    | September 2017.       | Unit-2:- Society, Social Group, Community, Institution, Association, Intrest Group and Pressure Grroup. |
| 4.    | October 2017          | Unit-3:- Social Structure,                                                                              |
| 5.    | November 2017         | Status and Role, Culture, Socialization.                                                                |
| 6.    | December 2017         | Unit-4:- Social control, Social Values, Norms,                                                          |
| 7.    | January 2018          | Social stratification, Social Mobility, Social Equality and Status Group.                               |
| 8.    | February 2018         | Unit-5:- Social change: Meaning, Types, factors, Evolution, Development, Progress, Rvolution.           |
| 9.    | March 2018            | Revision                                                                                                |
| 10.   | April, May, June 2018 | Examination / Result                                                                                    |

*[Handwritten signatures]*

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Department of Sociology

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ज. हा. शा. प्र. ग. महाविद्यालय  
बैतूल (म.प्र.)



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## J. H. GOVT. P. G. COLLEGE BETUL M.P.

### TEACHING PLANNER

SESSION :- 2020-2021

Department :- Department of Sociology

Class:- B.A. 1<sup>st</sup> Year

Subject :-Sociology

Paper No.:- 2


Paper Name :- Indian Society

| S.NO. | Month                 | Description of teaching plan                                                                |
|-------|-----------------------|---------------------------------------------------------------------------------------------|
| 1.    | July 2017             | Unit-1:- Dharma, Varṇa-System, Ashram-System,                                               |
| 2.    | August 2017           | Purushartha, karma, Sanskar.                                                                |
| 3.    | September 2017        | Unit-2:- Caste, Class, Family, Marriage, Lineage and Descent, Race.                         |
| 4.    | October 2017          | Unit-3:- Structure of Indian Society, Village, City, Rural-Urban Continuum,                 |
| 5.    | November 2017         | Diversity of Indian Society-Demographic, Cultural, Religious and Linguistic, Civil Society. |
| 6.    | December 2017         | Unit-4:- Family Problems- Dowry, Divorce,                                                   |
| 7.    | January 2018          | Domestic Violence, Problems of the Elderly, Youth Tension.                                  |
| 8.    | February 2018         | Unit-5: - Casteism, Regionalism, Cummunalism, Cyber Crime, Gender Inequality, Secularism.   |
| 9.    | March 2018            | Revision                                                                                    |
| 10.   | April, May, June 2018 | Examination / Result                                                                        |


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### TEACHING PLANNER

SESSION :- 2020-2021

Department :- Department of Sociology

Class:-MA IInd Semester

Subject :-Sociology

Paper No.:- 1

Paper Name :- CLASSICAL SOCIOLOGICAL TRADITION — II

| S.NO. | Month         | Description of teaching plan                                                                                                                                                                                                                                                                                |
|-------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1.    | January 2018  | Unit-I Impact of industrial Revolution and new mode of production on society and economy. Auguste Comte: - Study of statics and dynamics, Law of three stages, Positivism, Religion of humanity                                                                                                             |
| 2.    | February 2018 | Unit-2 Marx's analysis of emergence and development of capitalism concentration of concepts of surplus value and exploitation. Emergence of classes and class conflict. Future of Capitalism & Alienation in Capitalism society. Theory of Ideology Ideology as a part of super structure.                  |
| 3.    | March 2018    | Unit-3 Theory of Suicide : Emile Durkeim: Methodology by E.Durkheim. Theory of Religion:- Sacred and profane source of religion. Religious rituals-Their types, social role of religion.                                                                                                                    |
| 4.    | April 2018    | Unit-4 Max Weber : Theory of Bureaucracy-Capitalism and growing rationalism and emergence of modern bureaucracy, Ideal type of bureaucracy, concepts of status, class and power, Contribution of the Methodology of social Science-Verstehen and Ideal types.                                               |
| 5.    | May 2018      | Unit-5 Vilfredo Pareto:- Intellectual background. Contribution to the methodology — his logic — experimental method. Classification of logical and non-logical actions. Explanation of non-logical actions in terms his theory of Residues and Derivatives.-Theory of Social-Change-Circulation-of Elites - |
| 6.    | June 2018     | RIVISION / EXAMINATION                                                                                                                                                                                                                                                                                      |

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### TEACHING PLANNER

SESSION :- 2020-2021

Department :- Department of Sociology

Class:-MA IInd Semester

Subject :-Sociology

Paper No.:-2

Paper Name :- METHODOLOGY OF SOCIAL RESEARCH II

| S.NO. | Month            | Description of teaching plan                                                                                                                                                                                        |
|-------|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1.    | January<br>2018  | Unit-1 Quantitative Methods and Survey Research Assumptions of quantification and measurement -Survey techniques-Limitation of Survey,                                                                              |
| 2.    | February<br>2018 | Unit-2 Sampling, Research Design Questionnaire construction, Interview, schedule, Measurement and scaling.                                                                                                          |
| 3.    | March<br>2018    | Unit-3 Case study method, Content analysis, Life history, Sociometry, Panel study.                                                                                                                                  |
| 4.    | April<br>2018    | Unit-4 Statistics in Social research: Measures of central tendency: Mean, Median, Mode. Measures of Dispersion, Standard Deviation: ,mean Deviation ,Quantitative Deviation.                                        |
| 5.    | May 2018         | Unit-5 Co relation analysis: Tests of Significance Graphic and Diagrammatic presentation of Data. Use of statistics in social research. Its advantages and Limitations. Application of computer in Social Research. |
| 6.    | June<br>2018     | RIVISION / EXAMINATION                                                                                                                                                                                              |

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### TEACHING PLANNER

SESSION :- 2020-2021

Department :- Department of Sociology

Class:-MA IInd Semester

Subject :-Sociology

Paper No.:- 3

Paper Name :- RURAL SOCIETY IN INDIA — II

| S.NO. | Month         | Description of teaching plan                                                                                                                                                                              |
|-------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1.    | January 2018  | Unit-1 Rural Development: Meaning and Significance of Rural Development in society Panchayati Raj Institution. Panchayat before and after 73 Amendments. Panchayati Raj in Madhya Pradesh.                |
| 2.    | February 2018 | Unit-2 Rural Reconstruction and Planning, Community Development Programme. Five Year Plans. Co-operative Efforts and Co-operation. Self Help Groups, Gender and Development. Gramin Swachh Bhart Mission. |
| 3.    | March 2018    | Unit-3 Issues and Strategies for Rural Development. Rural Social Structure and Culture. Development and Socio-Economic Disparities.                                                                       |
| 4.    | April 2018    | Unit-4 Significance of Village studies in India. Changing Rural Society. Green Revolution and Social change.Changing aspects of Rural Leadership, Factionalism, Empowerment of People.                    |
| 5.    | May 2018      | Unit-5 Social Change in Rural India: Sanskritization, Modernization, Globalization and information in flow and its impact on Rural India. Planned Change for Rural Society.                               |
| 6.    | June 2018     | RIVISION / EXAMINATION                                                                                                                                                                                    |

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विभागाध्यक्ष समाजशास्त्र  
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## J. H. GOVT. P. G. COLLEGE BETUL M.P.

### TEACHING PLANNER

SESSION :- 2020-2021

Department :- Department of Sociology

Class:-MA II Semester

Subject :-Sociology

Paper No.:- 4

Paper Name :- URBAN SOCIETY IN INDIA -II

| S.NO. | Month         | Description of teaching plan                                                                                                                |
|-------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| 1.    | January 2018  | Unit-1 Changing occupational structure and its impact on social stratification-Caste, Class ,Gender and Family.                             |
| 2.    | February 2018 | Unit-2 Indian city and its growth, megapolis, problems and housing, slum development, urban environment problems, urban poverty             |
| 3.    | March 2018    | Unit-3 Differences between town, city, metropolis and megapolis. Sociological studies in Indian cities: Chandigarh, Jaipur and Ahemadnagar. |
| 4.    | April 2018    | Unit-4 Problems of Urban cities: Poverty, Crime, Alcoholism Drug-abuse, Migration, Problems of housing, Environmental pollution.            |
| 5.    | May 2018      | Unit-5 Politics in Indian cities : Educational centers in Urban India. The role of mass- media, computer and IT in Urban centers.           |
| 6.    | June 2018     | RIVISION / EXAMINATION                                                                                                                      |

HOD

Department of Sociology

विभागाध्यक्ष एवं सामंशालय  
ज.हा.शास.स्नातकोत्तर महाविद्यालय  
बैतूल (म.प्र.)





जयवन्ती हॉक्सर शासकीय स्नातकोत्तर महाविद्यालय, बैतूल (मप्र)

**Jaywanti Haksar Government Post Graduate College, Betul (MP)**

Office: Civil Lines, Betul- 460001 Tel: 07141- 234244

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## J. H. GOVT. P. G. COLLEGE BETUL M.P.

### TEACHING PLANNER

SESSION :- 2020-2021

Department :- Department of Sociology

Class:-MA IV sem

Subject :-Sociology

Paper No.:- 1

Paper Name :- THEORETICAL PERSPECTIVE IN SOCIOLOGY

| S.NO. | Month         | Description of teaching plan                                                                                                                                                                                                         |
|-------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1.    | January 2018  | Unit- 1 Nature of Formation of Sociological Theory: a) Meaning and Nature of sociological Theory. b) Formation process of sociological theory. c) Levels of theorization.                                                            |
| 2.    | February 2018 | Unit- 2 Social Structure and Social Anomie: a) The Idea of Social Structure- Redcliffe Brown and S.F. Nadel. b) Social Anomie Emile Durkheim and R.K. Merton. c) Neo Structuralism M.Foucault and J.Alexander.                       |
| 3.    | March 2018    | Unit- 3 Theory of Functionalism: a) Functionalism (Early theories)-Malinowaski and Emile Durkheim. b) Functional Diamentions of social system-T.Parsons. c) Paradigm for functional theory in Sociology- R.K.Merton.                 |
| 4.    | April 2018    | Unit- 4 Conflict Theory: a) Conflict Theory-Karl Marx b) Marx critique by Ralf Dahrendorf c) Functional Analysis of conflict- L.Coser.                                                                                               |
| 5.    | May 2018      | Unit- 5 Interactionist.Perspective.and.Recent Trends in Sociological Theory: a) Symbolic Interactionism (G'H'Mead andHerbert Blumer.) b) Phenomenological sociology (A.Schutz and Edmund Husserl) c) Ethnomethodology (H'Garfinkal). |
| 6.    | June 2018     | RIVISION / EXAMINATION                                                                                                                                                                                                               |

HOD

Department of Sociology

विभागाध्यक्ष समाजशास्त्र  
ज.हा.शारा राजाहंसर जयवन्ती महाविद्यालय  
बैतूल, म.प्र.



जयवन्ती हॉक्सर शासकीय स्नातकोत्तर महाविद्यालय, बैतूल (मप्र)

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## **J. H. GOVT. P. G. COLLEGE BETUL M.P.**

### **TEACHING PLANNER**

**SESSION :- 2020-2021**

**Department :- Department of Sociology**

**Class:-MA IV SEM**

**Subject :-Sociology**

**Paper No.:- 2**

**Paper Name :- SOCIOLOGY OF CHANGE AND DEVELOPMENT**

| S.NO: | Month         | Description of teaching plan                                                                                                                                                                                                                                          |
|-------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1.    | January 2018  | Unit- 1 Social Change: a) Meaning and forms of social change: progress, evolution, and development. b) Theories of social change: linear, cyclical and diffusionism. c) Factors of social change demographic, economic religious and educational                      |
| 2.    | February 2018 | Unit- 2 Social Process: a) Process of social change Sanskritization and Westernization. b) Concept of Modernization and Secularization. c) Concept of Democratization and Globalization                                                                               |
| 3.    | March 2018    | Unit- 3 Development: a) Culture and Development, Post modernism. b) Changing conceptions of development: Economic growth, human development and Sustainable development. c) Approaches and strategies of planning and development.                                    |
| 4.    | April 2018    | Unit- 4 Agencies of Development and Change: a) Paths and Ways of development : Capitalist, Socialist and Gandhians. b) Culture and development: Culture as an aid to development, Development and change of tradition. c) Role of NGO's in the process of Development |
| 5.    | May 2018      | Unit- 5 Indian experiences of Development Transition From Welfare state to Capitalist Society. a) Cultural Transformation. b) Social impact of IT revolution.                                                                                                         |
| 6.    | June 2018     | RIVISION / EXAMINATION                                                                                                                                                                                                                                                |



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# J. H. GOVT. P. G. COLLEGE BETUL M.P.

## TEACHING PLANNER

SESSION :- 2020-2021

Department :- Department of Sociology

Class:-MA III SEM

Subject :-Sociology

Paper No.:- 3

Paper Name :- POLITICAL SOCIOLOGY

| S.NO. | Month         | Description of teaching plan                                                                                                                                                            |
|-------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1.    | January 2018  | Unit-1 a) Political Sociology: Definition, Subject Matter and Scope. b) Political Development, Political Socialization. c) Political Participation.                                     |
| 2.    | February 2018 | Unit- 2 a) Political System: Definition, Classification. b) Political Elite: Pareto, Mosca & Mills. c) Political Culture.                                                               |
| 3.    | March 2018    | Unit- 3 a) Democratic System:- Definition, Characteristics, Merits and Types of Democracy, Democracy in India. b) Totalitarian System:- Definition, Types: cephalic and accephalic.     |
| 4.    | April 2018    | Unit- 4 a) Pressure and Interest group, Political Parties , Voting behavior, Political Processes in India. b) Bureaucracy:- Concept, Characteristics, Views of Max Weber on Bureoucracy |
| 5.    | May 2018      | Unit- 5 a) Significance of Public opinion in Democracy. Policies of Protective discrimination and subaltem polity. b) Decentralization of Polity and Panchayati Raj.                    |
| 6.    | June 2018     | RIVISION / EXAMINATION                                                                                                                                                                  |





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## J. H. GOVT. P. G. COLLEGE BETUL-M.P.

### TEACHING PLANNER

SESSION :- 2020-2021

Department :- Department of Sociology

Class:-MA IV SEM

Subject :-Sociology

Paper No.:- 4

Paper Name :- INDUSTRIAL SOCIOLOGY

| S.NO. | Month         | Description of teaching plan                                                                                                                                                                |
|-------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1.    | January 2018  | Unit-1 d. Industrial Sociology : Nature and scope. e. Development of Industrial Structure: Informal and formal Industry f. Division of Labour, Alienation Labour Unrest and Class- Struggle |
| 2.    | February 2018 | Unit-2 Culture :- d) Industrial Bureaucracy , e) Labour Organization, f) Labour Movement.                                                                                                   |
| 3.    | March 2018    | Unit-3 Organization and Institution : d) Work concept: Nature; Work ethics, e) Labour Migration, f) Labour relation in india .                                                              |
| 4.    | April 2018    | Unit-4 Group: d) Industrial Society, e) Women and Child Labour, f) Industry in Tribal area                                                                                                  |
| 5.    | May 2018      | Unit-5 Monographs (Basics) d) Contemporary Industrial Reality, e) Power, Industry and Capitalism, f) Labour security and social welfare                                                     |
| 6.    | June 2018     | RIVISION / EXAMINATION                                                                                                                                                                      |

HOD

Department of Sociology

विभागाध्यक्ष समाजशास्त्र

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J.H.Govt.P.G.College, Betul (M.P.)

Department of Commerce

Year 2020-21

Planner  
&  
Daily Diary

Name:- Rajesh Sheshkar  
Asst.Prof. of Commerce  
J.H.Govt P.G. College , Betul M.P.

Mobile No. 9926453906



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कार्यालय प्राचार्य ज.हा. शासकीय स्नातकोत्तर महाविद्यालय बैतूल

शैक्षणिक प्लानर (Teaching Planner)

सत्र 2020-21 विभाग वाणिज्य कक्षा B.Com I year  
विषय Financial Acc प्रश्न पत्र I

| माह                  | शिक्षण योजना का विवरण                                                                                                                                                                 |
|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2020 sep.<br>Unit I  | Concept of Double Entry system Accounting<br>Concept and Conventions preparation of Journal<br>sub division of Journal preparation of ledger<br>and Trial Balance final accounts with |
| 2020 oct.<br>Unit I  | Adjustment Revenue Recognition                                                                                                                                                        |
| 2020-Nov<br>Unit II  | Introduction to India Accounting standard<br>Detail study of accounting standard 6 and 10<br>Branch accounts Department account Accounting<br>for Depreciation                        |
| 2020 Dec<br>Unit III | Royalty accounts Accounting of Non profit making<br>Organization Research development Cost<br>long term construction Contract                                                         |
| 2021 Jan.<br>Unit IV | Joint venture accounts Consignment and investment<br>Accounting foreign Exchange Transaction investment<br>Government Grant (A part study)                                            |
| 2021 Feb.<br>Unit V  | partnership Accounts Dissoluting with<br>insolvency of partner                                                                                                                        |
| 2021 Mar.<br>Unit V  | Amalgamation of Partnership firms<br>conversion of partnership firm into joint stock<br>company                                                                                       |
|                      |                                                                                                                                                                                       |

  
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BETUL (M.P.)

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कार्यालय प्राचार्य ज.हा. शासकीय स्नातकोत्तर महाविद्यालय बैतूल

शैक्षणिक प्लानर (Teaching Planner)

सत्र 2020-21 विभाग वा. वि. वि. कक्षा B. Com II<sup>nd</sup> year  
विषय Cost Acc. प्रश्न पत्र II'

| माह                   | शिक्षण योजना का विवरण                                                                                                                                               |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2020 Sep<br>Unit I    | Cost meaning concept and classification Element of cost Nature and importance material Costing Methods of valuation of material Issue.                              |
| 2020 Oct.<br>Unit II  | Concept and material control and its techniques labour Costing methods of wages Payments ,                                                                          |
| 2020 Nov.<br>Unit III | Unit Costing preparation of cost sheet and statements of cost (including calculation of tender price) overhead Costing (including calculation of machine hour rate) |
| 2020 Dec.<br>Unit IV  | Contract and Job Costing overhead Costing (Transport Cost)                                                                                                          |
| 2021 Jan.<br>Unit V   | Process Costing (including Inter process profit and Reserve) Reconciliation of cost and financial accounts.                                                         |
| 2021 Feb.<br>Unit VI  | Marginal Costing Profit Volume Ratio Break even point margin of safety application of Break                                                                         |
| 2021 Mar.<br>Unit VII | Application of Break even Analysis standard Costing and variance analysis (Material and labour cost only)                                                           |
|                       |                                                                                                                                                                     |

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J.H. Govt. College  
BETUL (M.P.)



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*Dec*

*Prof. Rajendra Kumar*



जयवन्ती हॉक्सर शासकीय स्नातकोत्तर महाविद्यालय, बैतूल (मप्र)

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शैक्षणिक प्लानर (Teaching Planner)

सत्र 2020-21 विभाग वा.वि.प.प. कक्षा M.Com 1<sup>st</sup> Th.

विषय Rural and Agricultural Marketing प्रश्न पत्र III

| माह                   | शिक्षण योजना का विवरण                                                                                                                                                                                                                                    |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2021 Feb.<br>Unit I   | Unit I Rural marketing scope of intra rural marketing and approach to rural market of intra rural consumer and Demand Dimensions and market                                                                                                              |
| 2021 Feb.<br>Unit I   | Segmentations Channels of Distribution and physical Distribution product management marketing communication and sales force tasks                                                                                                                        |
| 2021 Mar.<br>Unit II  | Unit II Agriculture marketing Concept Nature scope and subjects matter classification of agriculture product and their difference with manufactured goods. market structure Dynamics of market structure components of Market.                           |
| 2021 Mar.<br>Unit III | Unit III Market management and channel strategy modern marketing management and agriculture product structured organized market commodity.                                                                                                               |
| 2021 April<br>Unit IV | Unit IV Regulation of market. Regulated market Genesis of Regulated market in intra limitation in present. marketing regulation Advantage and limitation of regulated market.                                                                            |
| 2021 May<br>Unit V    | Marketing of farm product Packaging packing and packaging Packing material Transportation Advantages, means of transport and Transportation Cost Grading and standardization meaning Type. Criteria. Labeling and specification Storage and warehousing. |



Principal  
J.H. Govt. College  
Betul (M.P.)

Dr.

Dr. Manoj Kumar



जयवन्ती हॉक्सर शासकीय स्नातकोत्तर महाविद्यालय, बैतूल (मप्र)

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## Internal Assessment Policy

- ❖ The institution has a transparent mechanism for conducting internal assessments in accordance with the guidelines provided by the university and the Department of Higher Education, Government of Madhya Pradesh.
- ❖ Continuous Comprehensive Evaluation (CCE) for different programmes will be organized following the academic calendar of the academic session.
- ❖ The academic calendar shall be exhibited on the college website to inform the students about the CCE test in advance and start their preparations accordingly.
- ❖ At the beginning of the academic session, students will be informed about the entire procedure, modes, and mechanism of internal assessment during the induction program and initial classes through discussions with their teachers.
- ❖ The Semester Cell will prepare the schedule for the internal assessment of UG programs, while the HODs, in consultation with the faculty members, will prepare the schedules for the internal assessment of PG programmes.
- ❖ The internal assessment will include various modes such as class-tests, classroom seminars, group discussions, objective questionnaires, online quizzes, surprise tests, open book examinations, home assignments, report writing, role plays, and power point presentations.
- ❖ All the teachers will have the freedom to decide the modes of CCE. Head of the departments shall have deliberations with the faculty members and shall inform the students about the mode of CCE.
- ❖ The examination schedule will be displayed on the notice board and uploaded on the institution's website in advance.
- ❖ Students will be informed in advance about the units that will be covered in the CCE examination.
- ❖ Attendance of the students appearing in CCE will be maintained and their signatures will be taken on the attendance sheet.





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- ❖ The respective teachers will evaluate the answer books of class-tests, assignments, and project reports.
- ❖ To ensure transparency in the evaluation process, the valued answer sheets of the internal assessment will be shown to the students, and their performance will be discussed in the classes. Students will be provided feedback on their mistakes and suggestions for improving their performance.
- ❖ If due to some reasons students fail to appear in the CCE examination, they will be given another opportunity to appear in the CCE examination.
- ❖ The internal examination mark lists will be displayed on the departmental notice boards, and the marks will be filled in the online portal of the university.
- ❖ Post-graduate students will be required to complete project work under the guidance of their teachers. The assessment will include a final presentation of the project report followed by a viva-voce examination.
- ❖ As per the guidelines of New Education Policy 2020, UG students will also undertake field projects, internships, and community engagements. The assessment process used for PG projects will be followed for these activities as well.
- ❖ All the documents related to CCE examination including the mark lists, papers, time-tables, assignments, projects, valued answer sheets etc. shall be kept safely by the respective Head of the Departments.

## Grievance Redressal System for Internal Examinations

- After valuation of the CCE marks shall be shown to the students. If students are dissatisfied with the valuation of their answer sheets or assignments; they will be allowed to register their complaints to the CCE grievance redressal committee.
- Grievance related to the dissatisfaction with the marks obtained in CCE will be looked by the subject teacher. In case the student is not satisfied with the marks provided by the of the subject teacher he shall be allowed to register his complaint to the Head of the Department.



जयवन्ती हॉक्सर शासकीय स्नातकोत्तर महाविद्यालय, बैतूल (मप्र)

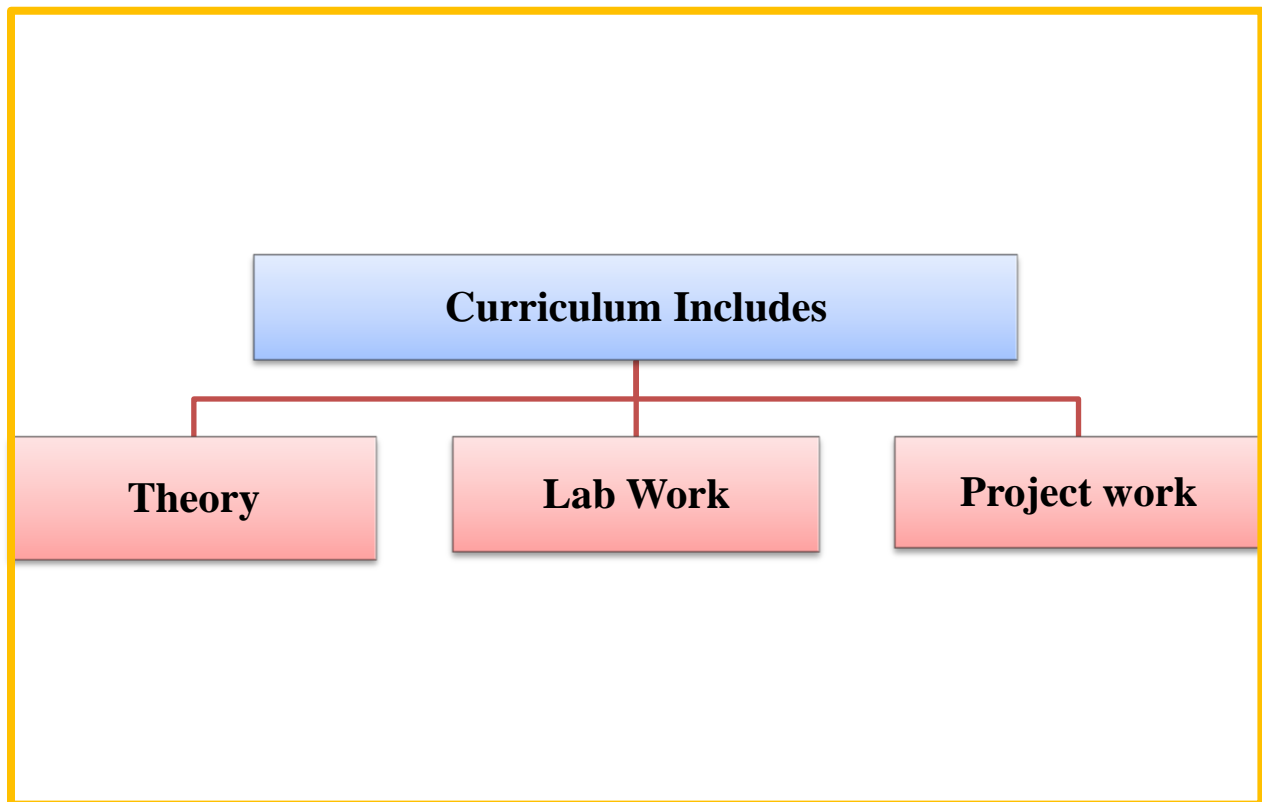
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- The concerning teacher will resolve the grievance on the same day, the HOD within three days, and the Principal within one week.





## Mode of Assessment









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स्नातकोत्तर महाविद्यालय बैतूल (म.प्र.) 460001

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Date.....

सतत व्यापक मूल्यांकन (सीसीई)

Continuous and Comprehensive Evaluation (CCE)

Session.....2020-21.....

Department of ...Zoology....

| S.No. | Class         | Subject | Mode of CCE                  | Date       |
|-------|---------------|---------|------------------------------|------------|
| 1.    | B.Sc. I       | Zoology | Oral test                    | 23/01/2021 |
|       |               | Zoology | Quiz                         | 18/02/2021 |
| 2.    | B.Sc II       | Zoology | chart & model<br>Preparation | 21/01/2021 |
|       |               | Zoology | Assignment                   | 19/02/2021 |
| 3.    | B.Sc. III     | Zoology | Presentation                 | 22/01/2021 |
|       |               | Zoology | class teaching               | 22/02/21   |
| 4.    | M. Sc I SEM   | Zoology | Oral test                    | 27/01/2021 |
| 5.    | M. Sc II SEM  | Zoology | Assignment                   | 25/02/2021 |
| 6.    | M. Sc III SEM | Zoology | Chart & model<br>Preparation | 28/01/2021 |
| 7.    | M. Sc IV SEM  | Zoology | Presentation                 | 26/02/2021 |

Dept. of Zoology  
Jh Govt. P.G. Coll.



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स्नातकोत्तर महाविद्यालय बैतूल (म.प्र.) 460001

दूरभाष क्र. - 07141-234244 फैक्स नम्बर 07141-234566 ई-मेल :  
hcgjhmcbet@mp.gov.in

Date.....

सतत व्यापक मूल्यांकन (सीसीई)

Continuous and Comprehensive Evaluation (CCE)

Session.....2020-21.....

Department of ...Biotechnology

| S.No. | Class   | Subject                                     | Mode of CCE | Date       |
|-------|---------|---------------------------------------------|-------------|------------|
| 1     | M.Sc I  | Cell Biology                                | class test  | 25/11/2021 |
| 2     | M.Sc I  | Proteins str. function metabolism           | 1-1-1       | 24/11/2021 |
| 3     | M.Sc I  | Instrumentation                             | 1-1-1       | 23/11/2021 |
| 4     | M.Sc I  | General & Applied microbiology              | 1-1-1       | 22/11/2021 |
| 5     | M.Sc II | molecular Biology                           | 1-1-1       | 10/3/2021  |
| 6     | M.Sc II | Macromolecule & Basic Enzymology            | class test  | 11/3/2021  |
| 7     | M.Sc II | Prostetics computer Basic of Bioinformatics | class test  | 12/3/2021  |
| 8     | M.Sc II | Bioprocess Engineering and technology       | class test  | 14/3/2021  |
| 9     | M.Sc II | Genetic Engineering                         | 1-1-1       | 15/3/2021  |
| 10    | M.Sc II | Plant Biotechnology                         | 1-1-1       | 17/3/2021  |





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स्नातकोत्तर महाविद्यालय बैतूल (म.प्र.) 460001

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hegjhpgcbet@mp.gov.in



Date..14.11.2022

सतत् व्यापक मूल्यांकन (सीसीई)

Continuous and Comprehensive Evaluation (CCE)

Session.....2020-21.....

Department of ....English.....

| S.No. | Class             | Subject/ Papers                                                                 | Mode of CCE | Date       |
|-------|-------------------|---------------------------------------------------------------------------------|-------------|------------|
| 1.    | MA English I Sem. | Poetry, Drama,<br>Fiction, Prose.                                               | Assignment  | 31.08.2020 |
| 2.    | MA Eng. II Sem.   | Poetry, Drama,<br>Fiction, Prose.                                               | Assignment  | 21.06.2021 |
| 3.    | MA Eng. III Sem.  | Critical Theory, English<br>Language, Indian Writing<br>in Engo, American Lits. | Assignment  | 17.02.2021 |
| 4.    | MA Eng. IV Sem.   | Critical Theory, English<br>Language, Indian Writing<br>in Engo, American Lits. | Assignment  | 21.06.2021 |



जयवन्ती हॉक्सर शासकीय स्नातकोत्तर महाविद्यालय, बैतूल (मप्र)

Jaywanti Haksar Government Post Graduate College, Betul (MP)

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जयवन्ती हॉक्सर शास.स्ना.महाविद्यालय,बैतूल(म.प्र.)

समय-सारणी सत्र:- 2020-2021[CCE -EXAM]

विभाग-संस्कृत

| S.N. | Class      | Subject                                                                      | Mode of CCE                    | Date       | Time       |
|------|------------|------------------------------------------------------------------------------|--------------------------------|------------|------------|
| 1    | MA- 1 sem  | Paper- 1 वेद<br>Paper- 2 वेदांग                                              | वस्तुनिष्ठ प्रश्न              | 07/12/2020 | 11:00-1:00 |
| 2    | MA- 1 sem  | Paper- 3 पालि प्राकृत एवं भाषा विज्ञान<br>Paper- 4 काव्य                     | असाइनमेंट                      | 08/12/2020 | 11:00-1:00 |
| 3    | MA-3 sem   | Paper- 1 साहित्य शास्त्र<br>Paper- 2 नाट्य शास्त्र                           | असाइनमेंट/ मौखिक प्रस्तुति     | 07/12/2020 | 01:00-3:00 |
| 4    | MA-3 sem   | Paper- 3 महाकाव्य<br>Paper- 4 संस्कृत वाग्मय एवं आधुनिक विश्व                | असाइनमेंट/मौखिक प्रस्तुति      | 08/12/2020 | 01:00-3:00 |
| 5    | BA- 1 Year | Paper- 1 वेद व्याकरण एवं भाषा नैपुण्य<br>Paper- 2 आर्ष काव्य एवं लौकिक काव्य | वस्तुनिष्ठ प्रश्न              | 18/01/2021 | 11:00-1:00 |
| 6    | BA-2 Year  | Paper-1 गद्य दर्शन एवं व्याकरण<br>Paper- 2 महाकाव्य एवं नाटक                 | पोस्टर मेकिंग/ मौखिक प्रस्तुति | 19/01/2021 | 11:00-1:00 |
| 7    | BA- 3 Year | Paper-1 गीता दर्शन व्याकरण और भाषाविज्ञान<br>Paper- 2 काव्य छंद एवं अलंकार   | असाइनमेंट                      | 21/01/2021 | 11:00-1:00 |

  
Head  
Sanskrit Department  
J.H.G. College, Betul



जयवन्ती हॉक्सर शासकीय स्नातकोत्तर महाविद्यालय, बैतूल (मप्र)

Jaywanti Haksar Government Post Graduate College, Betul (MP)

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जयवन्ती हॉक्सर शास.स्ना.महाविद्यालय,बैतूल(म.प्र.)

समय-सारणी सत्र: -2020-2021 [ CCE- EXAM }

विभाग-संस्कृत

| S.N. | Class     | Subject                                                      | Mode of CCE                   | Date       | Time       |
|------|-----------|--------------------------------------------------------------|-------------------------------|------------|------------|
| 1    | MA- 2 sem | Paper-1 भारतीय दर्शन<br>Paper-2 सांख्य एवं मीमांसा           | असाइनमेंट/<br>मौखिक प्रस्तुति | 15/03/2021 | 11:00-1:00 |
| 2    | MA- 2 sem | Paper-3 काव्यशास्त्र<br>Paper-4 भारतीय संस्कृति एवं पर्यावरण | असाइनमेंट/ मौखिक<br>प्रस्तुति | 17/03/2021 | 11:00-1:00 |
| 3    | MA-4 sem  | Paper-1 व्याकरण निबंध एवं अनुवाद<br>Paper-2 रूपक             | असाइनमेंट/ मौखिक<br>प्रस्तुति | 15/03/2021 | 1:00-3:00  |
| 4    | MA-4 sem  | Paper-3 गद्य पद्य तथा चम्पू<br>Paper-4 विशेष कवि (ऐच्छिक )   | असाइनमेंट/ मौखिक<br>प्रस्तुति | 17/03/2021 | 1:00-3:00  |

  
Head  
Sanskrit Department  
H.G. College Betul





जयवन्ती हॉक्सर शासकीय स्नातकोत्तर महाविद्यालय, बैतूल (मप्र)

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कार्यालय प्राचार्य, जयवन्ती हॉक्सर शासकीय  
स्नातकोत्तर महाविद्यालय बैतूल (म.प्र.) 460001

दूरध्वनि क्र. - 07141-234244 फ़ैक्स नम्बर 07141-234566 E-mail :  
hegjhpgcbet@mp.gov.in

Date.....

सतत व्यापक मूल्यांकन (सीसीई)

Continuous and Comprehensive Evaluation (CCE)

Session ...2020-21.....

Department of "अर्थशास्त्र"

| S.No. | Class                      | Subject                                                                                                                             | Mode of CCE               | Date                                   |
|-------|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------|---------------------------|----------------------------------------|
| 01    | बी.ए. 1<br>(प्रथम वर्ष)    | व्यक्ति अर्थशास्त्र<br>भारतीय अर्थव्यवस्था                                                                                          | असाइनमेन्ट<br>कामाइनमेन्ट | 04.12.2020<br>05.03.2021               |
| 02    | बी.ए. II<br>(द्वितीय वर्ष) | समष्टि अर्थशास्त्र<br>सार्वजनिक वित्त एवं अन्तरराष्ट्रीय<br>अर्थशास्त्र                                                             |                           | 03-12-2020<br>06-02-2021<br>03-12-2020 |
| 03    | बी.ए. III<br>(तृतीय वर्ष)  | विकास एवं पर्यावरण अर्थशास्त्र<br>सौख्यिकी                                                                                          |                           | 06-02-2021                             |
| 04    | एम.ए. I<br>सेमेस्टर        | आर्थिक वृद्धि एवं विकास का अर्थशास्त्र<br>व्यक्ति आर्थिक विश्लेषण-I<br>परिमाणात्मक विधियां<br>समष्टि आर्थिक विश्लेषण-I              | प्रसादनमेन्ट              | 19.11.2020                             |
| 05    | एम.ए. III<br>सेमेस्टर      | लोक अर्थशास्त्र<br>अन्तरराष्ट्रीय अर्थशास्त्र<br>क्षेत्र अर्थशास्त्र<br>कृषि अर्थशास्त्र-I                                          | प्रसादनमेन्ट              | 21.11.2020                             |
| 06    | एम.ए. II<br>सेमेस्टर       | आर्थिक विचारों का इतिहास<br>व्यक्ति आर्थिक विश्लेषण - II<br>समष्टि आर्थिक विश्लेषण - II<br>उत्प्रेषण विधियां एवं सौख्यिकी<br>अनुमान | प्रसादनमेन्ट              | 25.03.2021                             |
| 07    | एम.ए. IV<br>सेमेस्टर       | कृषि अर्थशास्त्र - II<br>क्षेत्र अर्थशास्त्र - II<br>जनसांख्यिकी<br>भारतीय आर्थिक नीति<br>एवं चुनौतियां                             | असाइनमेन्ट                | 26.03.2021                             |



जयवन्ती हॉक्सर शासकीय स्नातकोत्तर महाविद्यालय, बैतूल (मप्र)

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स्नातकोत्तर महाविद्यालय बैतूल (म.प्र.) 460001

दुरभाष क्र. - 07141-234244 फेक्स नम्बर 07141-234566 E-mail :  
hegjhpgcbet@mp.gov.in

Date.....

सतत् व्यापक मूल्यांकन (सीसीई)

Continuous and Comprehensive Evaluation (CCE)

Session... 2020-21.....

Department of ... भूगोल .....

| S.No. | Class         | Subject                                            | Mode of CCE   | Date     |
|-------|---------------|----------------------------------------------------|---------------|----------|
| 1.    | B.A. I year   | भौतिक भूगोल (स्थल)<br>मानव भूगोल (स्थल)            | असाई मेट      | 21/02/20 |
| 2.    | B.A. II year  | भौतिक भूगोल (स्थल)<br>आर्थिक भूगोल                 | —             | 10/9/20  |
| 3.    | B.A. III year | भारत का भूगोल<br>पर्यावरण एवं संसाधन               | कक्षा अध्यापन | 4/3/20   |
| 4.    | M.A. I Sem.   | भू-शाक्ति विज्ञान<br>आर्थिक भूगोल                  | —             | 15/02/21 |
|       |               | भारत का भूगोल (भौतिक)<br>भौगोलिक विपरधाराओं इतिहास | —             | "        |
| 5.    | M.A. II Sem.  | जनधाय विज्ञान<br>संसाधन प्रबन्ध                    | —             | 22/2/21  |
|       |               | भारत का भूगोल (अर्थशास्त्र)<br>पर्यावरण भूगोल      | —             | —        |
| 6.    | M.A. III Sem. | समुद्र विज्ञान<br>नगरीय भूगोल                      | असाई मेट      | —        |
|       |               | पर्यटन भूगोल<br>कृषि भूगोल                         | —             | 13/12/21 |
| 7.    | M.A. IV Sem.  | भूगोल में अनुसंधान पद्धति<br>जनसंख्या भूगोल        | —             | —        |
|       |               | सुदूर संवेदन<br>जैव भूगोल                          | असाई मेट      | 20/2/21  |

Form No. 2022-23 Doc. No.

*[Handwritten Signature]*

*[Handwritten Signature]*  
भूगोल विभाग  
जयवन्ती हॉक्सर शासकीय महाविद्यालय, बैतूल



जयवन्ती हॉक्सर शासकीय स्नातकोत्तर महाविद्यालय, बैतूल (मप्र)

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कार्यालय प्राचार्य, जयवन्ती हॉक्सर शासकीय  
स्नातकोत्तर महाविद्यालय बैतूल (म.प्र.) 460001

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Date.....

सतत व्यापक मूल्यांकन (सीसीई)

Continuous and Comprehensive Evaluation (CCE)

Session... 2020-21.....

Department of ...B.C.A.....

| S.No | Class           | Subject                                      | Mode of CCE | Date       |
|------|-----------------|----------------------------------------------|-------------|------------|
| 1.   | B.C.A. I Year   | Computer Sys. Archi.<br>Internet & Web Tech. | Assignment  | 07/12/2020 |
|      | B.C.A. I Year   | Programming in C<br>Cyber Security           | Assignment  | 07/12/2020 |
|      | B.C.A. I Year   | Fundamental of Comp.<br>Discrete Mathematics | Assignment  | 07/12/2020 |
| 2.   | B.C.A. II Year  | Data Structure with C++<br>CONAM             | Assignment  | 08/12/2020 |
|      | B.C.A. II Year  | Operating System<br>Software Engineering.    | Assignment  | 08/12/2020 |
|      | B.C.A. II Year  | Accounting<br>RDBMS                          | Assignment  | 08/12/2020 |
| 3.   | B.C.A. III Year | E- Governance<br>MIS                         | Assignment  | 09/12/2020 |
|      | B.C.A. III Year | Core Java.<br>Computer Networks              | Assignment  | 09/12/2020 |
|      | B.C.A. III Year | Python Programming<br>Marketing Mgmt.        | Assignment  | 09/12/2020 |

Pr:Ras 2022-23 2022-23 2022-23 2022-23

Prof. I/C  
(B.C.A. / B.Sc. Compt. Sc.)  
Self Finance Course  
Jh Govt. College Betul (M.P.)





जयवन्ती हॉक्सर शासकीय स्नातकोत्तर महाविद्यालय, बैतूल (मप्र)

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ज.हा.शास.स्ना.महावि. बैतूल

दिनांक ...4...2...2021

सूचना  
इतिहास विभाग

सत्र 2020-2021

इतिहास विषय के समस्त छात्र-छात्राओं को सूचित किया जाता है कि वे सी.सी.ई. की समय सारणी अनुसार अपने सी.सी.ई. के लिए निर्धारित दिनांक एवं कक्षा में उपस्थित रहें ।

समय सारणी

| सं. | कक्षा     | दिनांक                         |
|-----|-----------|--------------------------------|
| 1.  | बी.ए. I   | 12-02-2021 I, II CCE           |
| 2.  | बी.ए. II  | 14-02-2021, I II CCE           |
| 3.  | बी.ए. III | 16-02-2021 I II CCE            |
| 4.  | एम.ए. I   | 12-10-2020, I, II, III, IV CCE |
| 5.  | एम.ए. II  | 13-10-2020 I, II, III, IV CCE  |
|     | एम.ए. III | 8-3-2021 I II III IV           |
|     | एम.ए. IV  | 9-3-2021 I II III IV           |

विभागाध्यक्ष

इतिहास विभाग

ज.हा.शास.स्ना.महावि. बैतूल

विभागाध्यक्ष इतिहास  
ज.हा.शास.स्नातकोत्तर महाविद्यालय  
बैतूल(म.प्र.)



## Question Papers of CCE

CCE For B Sc. I Year (2021-2022)

Open Elective  
Matrices, Geometry & Vector Algebra

Q.1 Find the value of determinant:  $|A| = \begin{vmatrix} 2 & 1 & -1 \\ 0 & 3 & -2 \\ 2 & 4 & -3 \end{vmatrix}$

सारणिक का मान ज्ञात कीजिए।

Q.2 Find the area of triangle whose vertices are  
त्रिभुज का क्षेत्रफल ज्ञात कीजिए जिसके शीर्ष हैं:  
(1,0), (6,0), (4,3)

Q.3 Solve the following system of equation by Cramer's Rule.  
क्रामर विधि से दिये गये रेखिक समीकरणों को हल कीजिए:

$$x_1 + 3x_2 = 5, \quad 2x_1 + 2x_2 = 6$$

Q.4 Define Matrix and their types.

आव्यूह तथा उनके प्रकार को परिभाषित कीजिए।

Q.5 Find the transpose of a Matrix A  
आव्यूह A का परिवर्त ज्ञात कीजिए

$$A = \begin{bmatrix} 1 & 1 & 2 \\ 1 & 2 & 3 \\ 0 & -1 & -1 \end{bmatrix}$$

Q.6 Find the Inverse of a Matrix A.

आव्यूह A का प्रतिलोम ज्ञात कीजिए:

$$A = \begin{bmatrix} 1 & 2 & 3 \\ 1 & 4 & 2 \\ 2 & 6 & 5 \end{bmatrix}$$

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IQAC



B Sc. II Year

CCE - Mathematics

Note :- Attempt any 8ix questions :-

Qu-1 अवकल समी.  $(1+x^2) \frac{d^2y}{dx^2} + x \frac{dy}{dx} - y = 0$  का लेवी हल ज्ञान करो  
Find seri sol<sup>n</sup> of given Differential equation:

Qu-2 सिद्ध कीजिए  
Prove that:  $\frac{d}{dx}(x^n J_n(x)) = x^n J_{n-1}(x)$   
 $\frac{d}{dx}(x^{-n} J_n(x)) = -x^n J_{n+1}(x)$

Qu-2 नि. लि. फलनों का लाप्लास रूपांतरण ज्ञान कीजिए।  
①  $t e^t \sin^2 t$  ②  $\frac{e^{at} - e^{bt}}{t}$

Qu-4 लैंग्रान्ज (Lagrange's) प्रमेय लिखिए एवं सिद्ध कीजिए।

Qu-5 किसी समूह G के उपसमूह H के कोई दो दक्षिण सहसमुच्चय या तो विसंघीय होते हैं या सर्वसम होते हैं।

Qu-6 समूह के केंद्र को परिभाषित कीजिए तथा दर्शाइये कि समूह का केंद्र समूह का प्रसामान्य उपसमूह होता है।

Qu-7 कौशी का अभिसरण व्यापक सिद्धान्त लिखिए एवं सिद्ध कीजिए।

Qu-8 नि. लि. को उदा. सहित परिभाषित कीजिए।

a) अभिसारी अनुक्रम      b) अपसारी अनुक्रम  
c) केल्यामान अनुक्रम      d) परिवर्द्ध अनुक्रम

Qu-9 प्रत्येक अभिसारी अनुक्रम की सीमा अद्वितीय होती है तथा प्रत्येक अभिसारी अनुक्रम परिवर्द्ध होता है।





जयवन्ती हॉक्सर शासकीय स्नातकोत्तर महाविद्यालय, बैतूल (मप्र)

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## CCE Sample answer book

**JH GOVT PG COLLEGE**  
**BETUL M.P.**

**CCE**

**SESSION 2020-21**

**Student Name :-** .Kus. Yogita. Badode

**Father's Name :-** Mrs. Bhagwandas Badode

**Class :-** .MSc ~~III~~ Ist Sem.

**Subject :-** .Zoology.....

**Roll No :-** .121403620.....

**Student Signature** *Yogita* **Professor signature**

IN Fron J.H. COLLEGE SUPER PHOTOCOPY & COMPUTER 9039136070



Page No. 01

Date :

## Topic - 1 - Mechanism of osmoregulation.

### Synopsis:-

1. Introduction
2. Mechanism of osmoregulation.
3. Osmoregulation in fresh water animals
4. Osmoregulation in marine Animals
5. Osmoregulation in Terrestrial Animals
6. Osmoregulation in Amphibians Animals
7. Osmoregulation in parasitic Animal
8. Control of Osmoregulation
9. Conclusion
10. Reference

1. Introduction:- सभी जीवों के लिए जल आवश्यक वटक है, इसमें कोशिकीय उपापचय की सभी क्रियाएँ पूर्ण होती हैं। सभी जीव सजीवों में जल की अत्यधिक मात्रा पायी जाती है। कोशिकाओं में चलने वाली सभी प्रकार की रासायनिक प्रक्रियाओं का माध्यम भी जल है। यह प्राणी शरीर में cell द्रव एवं cell के बाहर पाये जाने वाले द्रवों में पाया जाता है। शरीर को जल पीने, भोजन उपापचय क्रियाओं आदि से प्राप्त होता है। प्रत्येक सजीव अपनी पूर्ण सान्द्रता को बनाए रखने का





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Date :

## Topic - 2 - Respiratory pigments

### Synopsis:-

1. Introduction
2. Haemoglobin
3. Haemocyanine
4. Chlorocruanine
5. Haemerythrin
6. Conclusion
7. Reference

### 1. Introduction:-

#### Respiratory pigments:-

ऑक्सीजन pigment सामान्यतः जन्तुओं के रूधिर में पाया जाता है। यह एक रासायनिक पदार्थ होता है जो वातावरण एवं फेफड़ों में उपस्थित ऑक्सीजन से उसके उच्च दाब पर संयुक्त होकर एक यौगिक का निर्माण करता है और रूधिर के साथ शरीर के अंतर्गो में पहुँचकर जहाँ  $O_2$  का दाब कम होता है।  $O_2$  को मुक्त कर देता है अर्थात् यह रूधिर को  $O_2$  वहन क्षमता को बढ़ाता है। जन्तुओं के आधार में रूधिर में ये मुख्यतः चार प्रकार के होते हैं।





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Date :

में यह रंगहीन होता है।

| SN | Pigment       | Metal Component            | Colour on deoxygenate | Con. oxygenation | Animal group                                                       | Occurrence in blood |
|----|---------------|----------------------------|-----------------------|------------------|--------------------------------------------------------------------|---------------------|
| 1. | Haemoglobin   | Iron (Fe <sup>2+</sup> )   | Dark red              | oxygated         | Some Annelida, Nematoda, Worms, Echinodermetta, P. like, sea, cury | Plasma, Corpuscles  |
| 2. | Haemocyanin   | Copper (Cu <sup>++</sup> ) | Colourless blue       |                  | Some snails, squids, arthropods                                    | Plasma              |
| 3. | Chlorocruorin | Iron                       | Green                 | slightly reddish | Some Polychaetes, some molluscs                                    | Plasma              |
| 4. | Haemerythrin  | Iron                       | Colourless            | Red              | Some polychaetes, Brachiopods like, long eel                       | Corpuscles          |

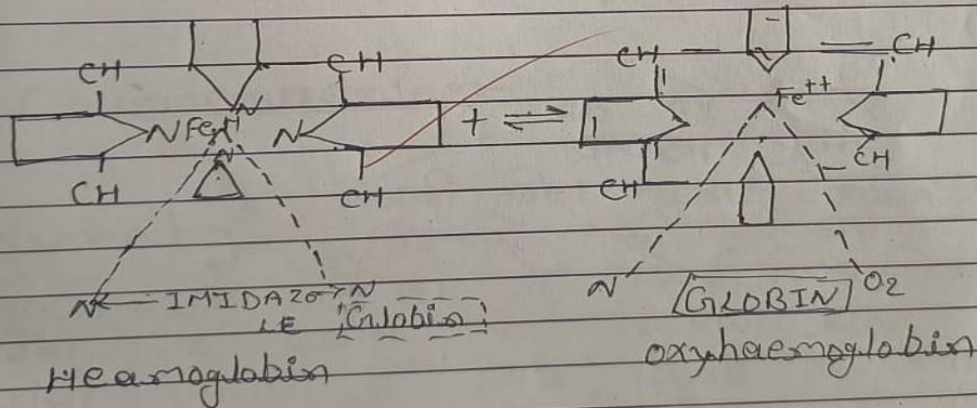


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Date :

## 2. Haemoglobin:-

Haemoglobin सभी वटीव्रित जंतुओं के रूधिर में RBCs के अंदर उपस्थित रहता है तथा इसी कारण रूधिर का रंग लाल होता है। यद्यपि Haemoglobin एन्जाइम नहीं है फिर भी इसकी रचना एन्जाइम की ही भाँति होती है। इसकी रचना दो भागों से मिलकर होती है। प्रथम भाग Haemoglobin कहलाता है। यह भाग केवल 4% होता है। दूसरा भाग ग्लोबिन प्रोटीन का होता है जो 96% होता है। Globin chain का भार कार्बोहाइड्रेट chain जिनमें दो अणु होती है। इसमें प्रत्येक श्रृंखला से एक प्रोस्थेटिक हीम समूह जुड़ा रहता है।







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Date :

### 3. Haemocyanine :-

यह एक नीले रंग का ऑक्सीजन वाहक पदार्थ है जो दो रूपों में पाया जाता है। इसमें फेरिक कॉपर या आयरन के स्थान पर एक Copper पर पाया जाता है। यह रक्त में घुलित अवस्था में मिलता है। इसकी वहन क्षमता हीमोग्लोबिन से कम होती है। इसमें Copper के दो atoms  $O_2$  के एक अणु वहन करते हैं। जबकि हीमोग्लोबिन में आयरन का प्रत्येक atom  $O_2$  के एक अणु का वहन करते हैं।

Ex:- यह सामान्यतः मोलस्क और आर्थोपोड्स के plasma में पाया जाता है।

### 4. Chlocochlorinane :-

यह हरे रंग का आयरन युक्त पदार्थ है जिसकी खोज Sabine Edwards ने किया था। इसमें फेरिक कॉपर में ही के विपरीत पायरोल रिंग के स्थान पर फार्माइल ring पायी जाता है। यह blood के स्थान पर plasma में घुलित अवस्था में पाया





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जाता है। इसकी 02 वहन क्षमता हीमोग्लोबिन से कम होती है।

Example:-

यह केवल पालीव्हीट एनेलिड जैसे सी सेवेलिडी एवं युव लिडी के मिलिप या कुलो के जंतुओं में पाया जाता है। इन कुलों की कुछ ही जातियों के रुधिर में यह पाया जाता है जबकि अन्य जातियों में हीमोग्लोबिन पाया जाता है।

5. Haemerythrine:-

यह रुधिर का आयरन युक्त प्गिमेंट है। इसमें आयरन सीधा प्रोटीन से वंछित होता है क्योंकि इसमें पेरिकाइटिन अनुपस्थित होता है। किन्तु Hb की तुलना में इसमें आयरन की मात्रा तीन गुणी अधिक होती है। यह एनेलिड में कुछ पालीव्हीट जैसे साइपनकुलस तथा मेगे लोन के रुधिर में पाया जाता है। इसकी 02 के एक अणु के साथ संयुक्त होते हैं। आक्सीकृत अवस्था में यह लाल रंग की दिखायी आती है जबकि अनाक्सीकृत अवस्था





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### 6. Osmoregulation in Amphibious Animals:-

उभयचरीय प्राणी जल एवं शल दोनों स्थानों पर निवास करते हैं। प्राणियों को भोजन एवं आस-उत्पास हेतु घनी वनस्पति (Vegetation) अधिक वायु तीव्र गति से चलने में सहायक धरती का आधार प्राप्त होता है। इन सारे लाभों के पश्चात् भी एक समस्या रही कि इन प्राणियों को निवृत्ति करनी पड़ती है। इस कारण जल का संतुलन खराब होने की सम्भावना रहती है। इस समस्या के निदान के लिए यह प्राणी कुछ समय के लिए शल पर एवं कुछ समय के लिए जल में रहते हैं।

### 7. Control of osmoregulation:-

लेवर एवं सहयोगी आदि ने स्पष्ट जलीय कुपफुसीय घोंघे लिम्बिया स्टैनेलिस में पाया जाता है कि इन अकशेरुक प्राणियों में जल का नियंत्रण हार्मोन्स के द्वारा किया जाता है। Kawachi को मेमोट। 1964 के अनुसार केंचुएँ के मस्तिष्क एवं पयस्क घोंघे (Annelids) की न्यूरल ग्रानियाओं के द्वारा हार्मोन्स स्त्रावित किये जाते हैं, जो कि जल एवं लवण को नियंत्रित करता है।

8. Reference:- A Text book of unified Zoology by - Dr. S. M. Sengupta.



जयवन्ती हॉक्सर शासकीय स्नातकोत्तर महाविद्यालय, बैतूल (मप्र)

**Jaywanti Haksar Government Post Graduate College, Betul (MP)**

Office: Civil Lines, Betul- 460001 Tel: 07141- 234244

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## Teaching Diary 2020-21

# TEACHER'S PERFORMANCE DIARY

DR. ARCHANA MEHTA

BOTANY DEPARTMENT

J.H. GOVT. P.G. COLLEGE BETUL

2020 - 21



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जयवन्ती हॉक्सर शासकीय स्नातकोत्तर महाविद्यालय, बैतूल (मप्र)

Jaywanti Haksar Government Post Graduate College, Betul (MP)

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TEACHER'S PERFORMANCE DIARY/LOG 2021-22

Deptt. Of Botany J.H.Govt. P.G.College, Betul

Name of Teacher :- Dr. Anshu Kumar Mishra - Month:- November 2021

|                           | 23.11.21 | 24.11.21                           | 25.11.21                          | 26.11.21                     | 27.11.21                                 | 28.11.21 | 30.11.21                                |
|---------------------------|----------|------------------------------------|-----------------------------------|------------------------------|------------------------------------------|----------|-----------------------------------------|
| Class                     |          |                                    |                                   |                              |                                          |          |                                         |
| B.Sc. Botany<br>Yr. Repd. |          | Life cycle<br>Riccia:<br>Eco. Imp. |                                   |                              |                                          |          | B.Sc. II Yr<br>Ecological<br>Adaptation |
| M.Sc.<br>I Sem.           |          |                                    |                                   | Admission<br>Work +<br>Prac. | Depart<br>Work.                          |          |                                         |
| M.Sc.<br>II Sem.          |          |                                    | Nucleotide<br>Nucleoside<br>Prac. |                              |                                          |          |                                         |
|                           |          |                                    |                                   | 29.11.2021                   | Webinar on <i>Ectocarpus</i> in Advance. |          |                                         |
| Total periods             |          |                                    |                                   |                              |                                          |          |                                         |
| अतिरिक्त कक्षाएं          |          |                                    |                                   |                              |                                          |          |                                         |

अभ्यास संबंधी सामान्य जानकारी -

|                                                      |  |
|------------------------------------------------------|--|
| लेख्य कार्य और लिए गए काल खण्डों की संख्या           |  |
| अतिरिक्त / निदानात्मक काल खण्डों की संख्या           |  |
| उत्कृष्ट अभ्यास / इंटरनेट सर्फिंग का संक्षिप्त विवरण |  |
| अभ्यास हेतु आधुनिक तकनीक का प्रयोग                   |  |

नवीकरित में वत रहते नवाचार योजनाओं के लिए किए गए कार्य -

|                                                        |  |
|--------------------------------------------------------|--|
| अभ्यास हेतु नवाचारी योजनाओं के नाम                     |  |
| किसने विद्यार्थियों को प्रेरणा दी                      |  |
| किसने प्रतिभाशाली विद्यार्थियों का उपयोग किया          |  |
| किसने कमजोर विद्यार्थियों को मदद की                    |  |
| किसने विद्यार्थियों की विभिन्न प्रकार की समस्या सुलझाई |  |
| लिये गए कोर्स/कक्षा की जानकारी                         |  |

विभिन्न समितियों में संयोजक व सदस्य के रूप में किए गए कार्य -

अन्य संबंधी कार्य का विवरण -

सोर्सिंग संबंधी कार्य -

नियोजन कार्य में मार्गदर्शन -

विद्यार्थियों को मोटिवेट करने के लिये किया गया कार्य -

प्रो. शा. सा. महा.  
बैतूल

विभागाध्यक्ष, जयवन्ती शासकीय स्नातकोत्तर महाविद्यालय, बैतूल (म.प्र.)

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Teacher's Performance Diary July 2012 to 31 Oct 2012

Deptt. Of Botany J.H.Govt. P.G.College, Betul

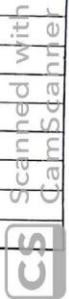
Name of Teacher : Dr. Archana Nallas

Month: August & September 2020

| 4.8.20                                                                                     | 5-6.8.20 | 7, 8, 10, 11, 13, 14, 17, 18, 19, 20 | 21, 22, 24, 25, 26, 27, 28, 29, 31.9.2020 |  |  |  |  |  |  |
|--------------------------------------------------------------------------------------------|----------|--------------------------------------|-------------------------------------------|--|--|--|--|--|--|
| college open- Internationl Webinar                                                         |          |                                      |                                           |  |  |  |  |  |  |
| - College. official work, Deptt. work.                                                     |          |                                      |                                           |  |  |  |  |  |  |
| Scholarship documents verification work                                                    |          |                                      |                                           |  |  |  |  |  |  |
| 2.9.20-3, 4, 5, 7, 8, 9, 10, 11, 12, 14, 15, 16, 17, 18, 19, 21, 22, 25, 28, 29, 30.9.2020 |          |                                      |                                           |  |  |  |  |  |  |
| Open book Examination Preparation, Conduction, valuation, Paper setting, etc.              |          |                                      |                                           |  |  |  |  |  |  |
| periods                                                                                    |          |                                      |                                           |  |  |  |  |  |  |
| रेक्त कक्षाएं                                                                              |          |                                      |                                           |  |  |  |  |  |  |
| अध्यापन संबंधी सामान्य जानकारी -                                                           |          |                                      |                                           |  |  |  |  |  |  |
| गई कक्षाओं और लिए गए काल खण्डों की संख्या                                                  |          |                                      |                                           |  |  |  |  |  |  |
| सिखिरित / निदानालय काल खण्डों की संख्या                                                    |          |                                      |                                           |  |  |  |  |  |  |
| मुक्तकालय अध्ययन / इंटरनेट सॉफ्टवेयर का संक्षिप्त विवरण                                    |          |                                      |                                           |  |  |  |  |  |  |
| अध्यापन हेतु आधुनिक तकनीक का प्रयोग                                                        |          |                                      |                                           |  |  |  |  |  |  |
| हाविद्यालय में चल रही नवाचार योजनाओं के लिए किए गए कार्य -                                 |          |                                      |                                           |  |  |  |  |  |  |
| पनाई गई नवाचारी योजनाओं के नाम                                                             |          |                                      |                                           |  |  |  |  |  |  |
| प्रदाने विद्यार्थियों को प्रेरणा दी                                                        |          |                                      |                                           |  |  |  |  |  |  |
| प्रदाने प्रतिभाशाली विद्यार्थियों का उपयोग किया                                            |          |                                      |                                           |  |  |  |  |  |  |
| प्रदाने कमजोर विद्यार्थियों को मदद की                                                      |          |                                      |                                           |  |  |  |  |  |  |
| प्रदाने विद्यार्थियों को विभिन्न प्रकार की समस्या सुलझाई                                   |          |                                      |                                           |  |  |  |  |  |  |
| नये गए फीडबैक की जानकारी                                                                   |          |                                      |                                           |  |  |  |  |  |  |
| विभिन्न समितियों में संयोजक व सदस्य के रूप में किए गए कार्य -                              |          |                                      |                                           |  |  |  |  |  |  |
| रीखा संबंधी कार्य का विवरण -                                                               |          |                                      |                                           |  |  |  |  |  |  |
| टी.सी.ई. संबंधी कार्य -                                                                    |          |                                      |                                           |  |  |  |  |  |  |
| रियोजना कार्य में मार्गदर्शन -                                                             |          |                                      |                                           |  |  |  |  |  |  |
| छात्रियों को मोटिवेट करने के लिये किया गया कार्य -                                         |          |                                      |                                           |  |  |  |  |  |  |

Ans: 31.9.2020

Archana





जयवन्ती हॉक्सर शासकीय स्नातकोत्तर महाविद्यालय, बैतूल (मप्र)

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Dr. Archana Mehta  
Deptt. of Botany

Teacher's Performance Diary July 2012 to 31 Oct 2012  
Deptt. Of Botany J.H.Govt. P.G.College, Betul

Name of Teacher :- Dr. Archana Mehta Month:- October 2020 Online classes.

| class            | 1.10.20 | 3.10.20                 | 5.10.20            | 7.10.20       | 10.10.20           | 8.10.20                 | 10.10.20              | 12.10.20                                  | 14.10.20              | 16.10.20        | 18.10.20               | 20.10.20 | 22.10.20        |
|------------------|---------|-------------------------|--------------------|---------------|--------------------|-------------------------|-----------------------|-------------------------------------------|-----------------------|-----------------|------------------------|----------|-----------------|
| B&I              |         |                         | P-I-<br>Introduct. | Unit I<br>TMV | Bacteria<br>Phage. |                         |                       |                                           | Bacteria<br>Structure | Bacte.<br>Repl. | Mycoplasma,<br>Cyanob. |          |                 |
| M.Sc.<br>I Sem.  |         |                         |                    |               |                    |                         | Bryophy<br>tas Intro. |                                           |                       |                 |                        |          |                 |
| M.Sc.<br>III     |         |                         | P-II<br>Introduct. |               |                    | Mosses<br>& Charophytes |                       |                                           |                       |                 |                        |          | Polysaccharides |
|                  |         | B.Sc. III <sup>rd</sup> |                    |               |                    |                         |                       | B.Sc III <sup>rd</sup><br>Bio<br>Database |                       |                 |                        |          |                 |
|                  |         | Database                |                    |               |                    |                         |                       |                                           |                       |                 |                        |          |                 |
| total periods    |         |                         |                    |               |                    |                         |                       |                                           |                       |                 |                        |          |                 |
| अतिरिक्त कक्षाएं |         |                         |                    |               |                    |                         |                       |                                           |                       |                 |                        |          |                 |

i) अध्यापन संबंधी सामान्य जानकारी -

|                                                       |  |  |  |
|-------------------------------------------------------|--|--|--|
| ती गई कक्षाओं और लिए गए काल खण्डों की संख्या          |  |  |  |
| अतिरिक्त / निदानात्मक काल खण्डों की संख्या            |  |  |  |
| पुस्तकालय अध्ययन / इंटरनेट सर्फिंग का संक्षिप्त विवरण |  |  |  |
| अध्यापन हेतु आधुनिक तकनीक का प्रयोग                   |  |  |  |

ii) महाविद्यालय में चल रही नवाचार योजनाओं के लिए किए गए कार्य -

|                                                        |  |  |  |
|--------------------------------------------------------|--|--|--|
| अपनाई गई नवाचारी योजनाओं के नाम                        |  |  |  |
| कितने विद्यार्थियों को प्रेरणा दी                      |  |  |  |
| कितने प्रतिभाशाली विद्यार्थियों का उपयोग किया          |  |  |  |
| कितने कमजोर विद्यार्थियों की मदद की                    |  |  |  |
| कितने विद्यार्थियों को विभिन्न प्रकार की समस्या सुलझाई |  |  |  |
| लिखे गए फीडबैक की जानकारी                              |  |  |  |

iii) विभिन्न समितियों में संयोजक व सदस्य के रूप में किए गए कार्य -

iv) परीक्षा संबंधी कार्य का विवरण -

v) सी.सी.ई. संबंधी कार्य -

vi) परियोजना कार्य में मार्गदर्शन -

vii) विद्यार्थियों को मोटिवेट करने के लिये किया गया कार्य -

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जयवन्ती हॉक्सर शासकीय स्नातकोत्तर महाविद्यालय, बैतूल (मप्र)

Jaywanti Haksar Government Post Graduate College, Betul (MP)

Office: Civil Lines, Betul- 460001 Tel: 07141- 234244  
E-mail : hegjhpgcbet@mp.gov.in Website: www.jhgovtbetul.com



Teacher's Performance Diary July 2012 to 31 Oct 2012

Deptt. Of Botany J.H.Govt. P.G.College, Betul

Name of Teacher :- Dr. Archana Mehta Month:- October - 2020-21

| Class            | 16.10.20               | 17.10.20                 | 19.10.20             | 20.10.20       | 21.10.20       | 22.10.20 | 23.10.20     | 24.10.20           | 27.10.20              | 28.10.20 | 29.10.20 |
|------------------|------------------------|--------------------------|----------------------|----------------|----------------|----------|--------------|--------------------|-----------------------|----------|----------|
| B.Sc.I Year      |                        |                          | Applied Microbiology | Plant diseases | Plant diseases |          |              |                    |                       |          |          |
| M.Sc I Sem       | Ecology & Chlorophylls | Deptt. Work. & data base |                      |                |                |          |              | Genus: Charophytes |                       |          |          |
| M.Sc III Sem     |                        |                          |                      |                |                | Lipids   | Struc. class |                    | Dept. Work. data base |          |          |
| total periods    |                        |                          |                      |                |                |          |              |                    |                       |          |          |
| अतिरिक्त कक्षाएं |                        |                          |                      |                |                |          |              |                    |                       |          |          |

| अव्यापन संबंधी सामान्य जानकारी -                                     |  |
|----------------------------------------------------------------------|--|
| सी गई कक्षाओं और लिए गए काल खण्डों की संख्या                         |  |
| अतिरिक्त / निदानात्मक काल खण्डों की संख्या                           |  |
| पुस्तकालय अध्ययन / इंटरनेट सर्चिंग का संक्षिप्त विवरण                |  |
| अव्यापन हेतु आधुनिक तकनीक का प्रयोग                                  |  |
| ii) महाविद्यालय में चले रही नवाचार योजनाओं के लिए किए गए कार्य -     |  |
| अपनाई गई नवाचारी योजनाओं के नाम                                      |  |
| कितने विद्यार्थियों को प्रेरणा दी                                    |  |
| कितने प्रतिगाराली विद्यार्थियों का उपयोग किया                        |  |
| कितने कमजोर विद्यार्थियों को मदद की                                  |  |
| कितने विद्यार्थियों को विभिन्न प्रकार की समस्या सुलझाई               |  |
| लिये गए फीडबैक की जानकारी                                            |  |
| iii) विभिन्न सर्भियियों में संयोजक व सदस्य के रूप में किए गए कार्य - |  |
| iv) परीक्षा संबंधी कार्य का विवरण -                                  |  |
| v) सी.सी.ई. संबंधी कार्य -                                           |  |
| vi) परियोजना कार्य में मार्गदर्शन -                                  |  |
| vii) विद्यार्थियों को मोटिवेट करने के लिये किया गया कार्य -          |  |

29.10.2020

Pho.





जयवन्ती हॉक्सर शासकीय स्नातकोत्तर महाविद्यालय, बैतूल (मप्र)

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Dr. Archana Mehta  
Deptt. of Botany

Teacher's Performance Diary July 2012 to 31 Oct 2012

Deptt. Of Botany J.H.Govt. P.G.College, Betul

Name of Teacher :- Dr. Archana Mehta Month:- November -2020

| Class                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 21.11.20              | 21.11.20        | 4.11.20                  | 5.11.20                           | 6.11.20 | 7.11.20                       | 9.11.20              | 10.11.20             | 18.11.20           | 19.11.20                     | 20.11.20 | 21.11.20                |                                              |  |  |  |  |  |  |  |  |  |  |  |  |                                            |  |  |  |  |  |  |  |  |  |  |  |  |                                                      |  |  |  |  |  |  |  |  |  |  |  |  |                                     |  |  |  |  |  |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |  |  |  |                                               |  |  |  |  |  |  |  |  |  |  |  |  |                                     |  |  |  |  |  |  |  |  |  |  |  |  |                                                        |  |  |  |  |  |  |  |  |  |  |  |  |                            |  |  |  |  |  |  |  |  |  |  |  |  |
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| B.Sc.I                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | classif. Volvox Repd. | Repd. in. Algae | Dealoguist. Struc. Repd. |                                   |         |                               | Dealogo. life cycle. | Chara. Struc. Chara. | Chara. Life cycle. |                              |          |                         |                                              |  |  |  |  |  |  |  |  |  |  |  |  |                                            |  |  |  |  |  |  |  |  |  |  |  |  |                                                      |  |  |  |  |  |  |  |  |  |  |  |  |                                     |  |  |  |  |  |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |  |  |  |                                               |  |  |  |  |  |  |  |  |  |  |  |  |                                     |  |  |  |  |  |  |  |  |  |  |  |  |                                                        |  |  |  |  |  |  |  |  |  |  |  |  |                            |  |  |  |  |  |  |  |  |  |  |  |  |
| M. Sc. I Sem                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                       |                 |                          |                                   |         | Taxonomic life cycle.         |                      |                      |                    |                              |          | Calobryna Takakia       |                                              |  |  |  |  |  |  |  |  |  |  |  |  |                                            |  |  |  |  |  |  |  |  |  |  |  |  |                                                      |  |  |  |  |  |  |  |  |  |  |  |  |                                     |  |  |  |  |  |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |  |  |  |                                               |  |  |  |  |  |  |  |  |  |  |  |  |                                     |  |  |  |  |  |  |  |  |  |  |  |  |                                                        |  |  |  |  |  |  |  |  |  |  |  |  |                            |  |  |  |  |  |  |  |  |  |  |  |  |
| M. Sc. III Sem                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                       |                 |                          | Saturated vs. unsat. fatty acids. |         |                               |                      |                      |                    | phospho. & sulphur dep. dep. |          |                         |                                              |  |  |  |  |  |  |  |  |  |  |  |  |                                            |  |  |  |  |  |  |  |  |  |  |  |  |                                                      |  |  |  |  |  |  |  |  |  |  |  |  |                                     |  |  |  |  |  |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |  |  |  |                                               |  |  |  |  |  |  |  |  |  |  |  |  |                                     |  |  |  |  |  |  |  |  |  |  |  |  |                                                        |  |  |  |  |  |  |  |  |  |  |  |  |                            |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                       |                 |                          |                                   |         | B.Sc. III. Pr. Molecular Work |                      |                      |                    |                              |          | Advanced Work. B.Sc. II |                                              |  |  |  |  |  |  |  |  |  |  |  |  |                                            |  |  |  |  |  |  |  |  |  |  |  |  |                                                      |  |  |  |  |  |  |  |  |  |  |  |  |                                     |  |  |  |  |  |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |  |  |  |                                               |  |  |  |  |  |  |  |  |  |  |  |  |                                     |  |  |  |  |  |  |  |  |  |  |  |  |                                                        |  |  |  |  |  |  |  |  |  |  |  |  |                            |  |  |  |  |  |  |  |  |  |  |  |  |
| Total periods                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                       |                 |                          |                                   |         |                               |                      |                      |                    |                              |          |                         |                                              |  |  |  |  |  |  |  |  |  |  |  |  |                                            |  |  |  |  |  |  |  |  |  |  |  |  |                                                      |  |  |  |  |  |  |  |  |  |  |  |  |                                     |  |  |  |  |  |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |  |  |  |                                               |  |  |  |  |  |  |  |  |  |  |  |  |                                     |  |  |  |  |  |  |  |  |  |  |  |  |                                                        |  |  |  |  |  |  |  |  |  |  |  |  |                            |  |  |  |  |  |  |  |  |  |  |  |  |
| अतिरिक्त कक्षाएं                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                       |                 |                          |                                   |         |                               |                      |                      |                    |                              |          |                         |                                              |  |  |  |  |  |  |  |  |  |  |  |  |                                            |  |  |  |  |  |  |  |  |  |  |  |  |                                                      |  |  |  |  |  |  |  |  |  |  |  |  |                                     |  |  |  |  |  |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |  |  |  |                                               |  |  |  |  |  |  |  |  |  |  |  |  |                                     |  |  |  |  |  |  |  |  |  |  |  |  |                                                        |  |  |  |  |  |  |  |  |  |  |  |  |                            |  |  |  |  |  |  |  |  |  |  |  |  |
| <p>i) अध्यापन संबंधी सामान्य जानकारी -</p> <table border="1"> <tr> <td>ली गई कक्षाओं और लिए गए काल खण्डों की संख्या</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>अतिरिक्त / निदानात्मक काल खण्डों की संख्या</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>पुस्तकांतर अध्यापन / इंटरनेट सॉफ्टवेयर का सहित विवरण</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>अध्यापन हेतु आधुनिक तकनीक का प्रयोग</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table> <p>ii) महाविद्यालय में वत रही नवाचार योजनाओं के लिए किए गए कार्य -</p> <table border="1"> <tr> <td>अपनाई गई नवाचारी योजनाओं के नाम</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>कितने विद्यार्थियों को प्रेरणा दी</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>कितने प्रतिभाशाली विद्यार्थियों का उपयोग किया</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>कितने कमजोर विद्यार्थियों को मदद की</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>कितने विद्यार्थियों को विभिन्न प्रकार की समस्या सुलझाई</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>लिखे गए कीर्तिक की जानकारी</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table> <p>iii) विभिन्न समितियों में संयोजक व सदस्य के रूप में किए गए कार्य -</p> <p>v) परीक्षा संबंधी कार्य का विवरण -</p> <p>✓) सी.सी.ई. संबंधी कार्य -</p> <p>iv) परियोजना कार्य में मार्गदर्शन -</p> <p>iii) विद्यार्थियों को मोटिवेट करने के लिये किया गया कार्य -</p> |                       |                 |                          |                                   |         |                               |                      |                      |                    |                              |          |                         | ली गई कक्षाओं और लिए गए काल खण्डों की संख्या |  |  |  |  |  |  |  |  |  |  |  |  | अतिरिक्त / निदानात्मक काल खण्डों की संख्या |  |  |  |  |  |  |  |  |  |  |  |  | पुस्तकांतर अध्यापन / इंटरनेट सॉफ्टवेयर का सहित विवरण |  |  |  |  |  |  |  |  |  |  |  |  | अध्यापन हेतु आधुनिक तकनीक का प्रयोग |  |  |  |  |  |  |  |  |  |  |  |  | अपनाई गई नवाचारी योजनाओं के नाम |  |  |  |  |  |  |  |  |  |  |  |  | कितने विद्यार्थियों को प्रेरणा दी |  |  |  |  |  |  |  |  |  |  |  |  | कितने प्रतिभाशाली विद्यार्थियों का उपयोग किया |  |  |  |  |  |  |  |  |  |  |  |  | कितने कमजोर विद्यार्थियों को मदद की |  |  |  |  |  |  |  |  |  |  |  |  | कितने विद्यार्थियों को विभिन्न प्रकार की समस्या सुलझाई |  |  |  |  |  |  |  |  |  |  |  |  | लिखे गए कीर्तिक की जानकारी |  |  |  |  |  |  |  |  |  |  |  |  |
| ली गई कक्षाओं और लिए गए काल खण्डों की संख्या                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                       |                 |                          |                                   |         |                               |                      |                      |                    |                              |          |                         |                                              |  |  |  |  |  |  |  |  |  |  |  |  |                                            |  |  |  |  |  |  |  |  |  |  |  |  |                                                      |  |  |  |  |  |  |  |  |  |  |  |  |                                     |  |  |  |  |  |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |  |  |  |                                               |  |  |  |  |  |  |  |  |  |  |  |  |                                     |  |  |  |  |  |  |  |  |  |  |  |  |                                                        |  |  |  |  |  |  |  |  |  |  |  |  |                            |  |  |  |  |  |  |  |  |  |  |  |  |
| अतिरिक्त / निदानात्मक काल खण्डों की संख्या                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                       |                 |                          |                                   |         |                               |                      |                      |                    |                              |          |                         |                                              |  |  |  |  |  |  |  |  |  |  |  |  |                                            |  |  |  |  |  |  |  |  |  |  |  |  |                                                      |  |  |  |  |  |  |  |  |  |  |  |  |                                     |  |  |  |  |  |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |  |  |  |                                               |  |  |  |  |  |  |  |  |  |  |  |  |                                     |  |  |  |  |  |  |  |  |  |  |  |  |                                                        |  |  |  |  |  |  |  |  |  |  |  |  |                            |  |  |  |  |  |  |  |  |  |  |  |  |
| पुस्तकांतर अध्यापन / इंटरनेट सॉफ्टवेयर का सहित विवरण                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                       |                 |                          |                                   |         |                               |                      |                      |                    |                              |          |                         |                                              |  |  |  |  |  |  |  |  |  |  |  |  |                                            |  |  |  |  |  |  |  |  |  |  |  |  |                                                      |  |  |  |  |  |  |  |  |  |  |  |  |                                     |  |  |  |  |  |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |  |  |  |                                               |  |  |  |  |  |  |  |  |  |  |  |  |                                     |  |  |  |  |  |  |  |  |  |  |  |  |                                                        |  |  |  |  |  |  |  |  |  |  |  |  |                            |  |  |  |  |  |  |  |  |  |  |  |  |
| अध्यापन हेतु आधुनिक तकनीक का प्रयोग                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                       |                 |                          |                                   |         |                               |                      |                      |                    |                              |          |                         |                                              |  |  |  |  |  |  |  |  |  |  |  |  |                                            |  |  |  |  |  |  |  |  |  |  |  |  |                                                      |  |  |  |  |  |  |  |  |  |  |  |  |                                     |  |  |  |  |  |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |  |  |  |                                               |  |  |  |  |  |  |  |  |  |  |  |  |                                     |  |  |  |  |  |  |  |  |  |  |  |  |                                                        |  |  |  |  |  |  |  |  |  |  |  |  |                            |  |  |  |  |  |  |  |  |  |  |  |  |
| अपनाई गई नवाचारी योजनाओं के नाम                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                       |                 |                          |                                   |         |                               |                      |                      |                    |                              |          |                         |                                              |  |  |  |  |  |  |  |  |  |  |  |  |                                            |  |  |  |  |  |  |  |  |  |  |  |  |                                                      |  |  |  |  |  |  |  |  |  |  |  |  |                                     |  |  |  |  |  |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |  |  |  |                                               |  |  |  |  |  |  |  |  |  |  |  |  |                                     |  |  |  |  |  |  |  |  |  |  |  |  |                                                        |  |  |  |  |  |  |  |  |  |  |  |  |                            |  |  |  |  |  |  |  |  |  |  |  |  |
| कितने विद्यार्थियों को प्रेरणा दी                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                       |                 |                          |                                   |         |                               |                      |                      |                    |                              |          |                         |                                              |  |  |  |  |  |  |  |  |  |  |  |  |                                            |  |  |  |  |  |  |  |  |  |  |  |  |                                                      |  |  |  |  |  |  |  |  |  |  |  |  |                                     |  |  |  |  |  |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |  |  |  |                                               |  |  |  |  |  |  |  |  |  |  |  |  |                                     |  |  |  |  |  |  |  |  |  |  |  |  |                                                        |  |  |  |  |  |  |  |  |  |  |  |  |                            |  |  |  |  |  |  |  |  |  |  |  |  |
| कितने प्रतिभाशाली विद्यार्थियों का उपयोग किया                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                       |                 |                          |                                   |         |                               |                      |                      |                    |                              |          |                         |                                              |  |  |  |  |  |  |  |  |  |  |  |  |                                            |  |  |  |  |  |  |  |  |  |  |  |  |                                                      |  |  |  |  |  |  |  |  |  |  |  |  |                                     |  |  |  |  |  |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |  |  |  |                                               |  |  |  |  |  |  |  |  |  |  |  |  |                                     |  |  |  |  |  |  |  |  |  |  |  |  |                                                        |  |  |  |  |  |  |  |  |  |  |  |  |                            |  |  |  |  |  |  |  |  |  |  |  |  |
| कितने कमजोर विद्यार्थियों को मदद की                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                       |                 |                          |                                   |         |                               |                      |                      |                    |                              |          |                         |                                              |  |  |  |  |  |  |  |  |  |  |  |  |                                            |  |  |  |  |  |  |  |  |  |  |  |  |                                                      |  |  |  |  |  |  |  |  |  |  |  |  |                                     |  |  |  |  |  |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |  |  |  |                                               |  |  |  |  |  |  |  |  |  |  |  |  |                                     |  |  |  |  |  |  |  |  |  |  |  |  |                                                        |  |  |  |  |  |  |  |  |  |  |  |  |                            |  |  |  |  |  |  |  |  |  |  |  |  |
| कितने विद्यार्थियों को विभिन्न प्रकार की समस्या सुलझाई                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                       |                 |                          |                                   |         |                               |                      |                      |                    |                              |          |                         |                                              |  |  |  |  |  |  |  |  |  |  |  |  |                                            |  |  |  |  |  |  |  |  |  |  |  |  |                                                      |  |  |  |  |  |  |  |  |  |  |  |  |                                     |  |  |  |  |  |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |  |  |  |                                               |  |  |  |  |  |  |  |  |  |  |  |  |                                     |  |  |  |  |  |  |  |  |  |  |  |  |                                                        |  |  |  |  |  |  |  |  |  |  |  |  |                            |  |  |  |  |  |  |  |  |  |  |  |  |
| लिखे गए कीर्तिक की जानकारी                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                       |                 |                          |                                   |         |                               |                      |                      |                    |                              |          |                         |                                              |  |  |  |  |  |  |  |  |  |  |  |  |                                            |  |  |  |  |  |  |  |  |  |  |  |  |                                                      |  |  |  |  |  |  |  |  |  |  |  |  |                                     |  |  |  |  |  |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |  |  |  |                                               |  |  |  |  |  |  |  |  |  |  |  |  |                                     |  |  |  |  |  |  |  |  |  |  |  |  |                                                        |  |  |  |  |  |  |  |  |  |  |  |  |                            |  |  |  |  |  |  |  |  |  |  |  |  |

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जयवन्ती हॉक्सर शासकीय स्नातकोत्तर महाविद्यालय, बैतूल (मप्र)

Jaywanti Haksar Government Post Graduate College, Betul (MP)

Office: Civil Lines, Betul- 460001 Tel: 07141- 234244  
E-mail : hegjhpgcbet@mp.gov.in Website: www.jhgovtbetul.com



Teacher's Performance Diary July 2012 to 31 Oct 2012  
Deptt. Of Botany J.H.Govt. P.G.College, Betul

Name of Teacher :- Dr. Anshu Kumar Hebbar Month:- December 2020

| class            | 17.12.20             | 18.12.20              | 19.12.20                | 20.12.20                 | 21.12.20                             | 22.12.20 | 23.12.20 | 24.12.20 | 25.12.20 | 26.12.20 | 27.12.20 | 28.12.20              | 29.12.20          | 30.12.20          | 31.12.20              |
|------------------|----------------------|-----------------------|-------------------------|--------------------------|--------------------------------------|----------|----------|----------|----------|----------|----------|-----------------------|-------------------|-------------------|-----------------------|
| B.Sc. I yr       |                      | CCF                   | CCF                     | Thallo. Nutri Eco. Jymp. | Asexual. Sexual. Rep. fun. Rep. fun. |          |          |          |          |          |          | Albugo. life cycle    | Mucor. life cycle | Heterothy. Nitro. |                       |
| M.Sc. I Sem.     |                      | Flav. lichen. Spones. |                         |                          |                                      |          |          |          |          |          |          |                       |                   |                   |                       |
| M.Sc. III Sem.   | Fluxus. Reproductive |                       |                         |                          |                                      |          |          |          |          |          |          | Nucleotide Nucleoside |                   |                   | Structure Antibiotics |
|                  |                      |                       | Atmosphere. Study Matk. |                          |                                      |          |          |          |          |          |          | Structure Materials   |                   |                   |                       |
| Total periods    |                      |                       |                         |                          |                                      |          |          |          |          |          |          |                       |                   |                   |                       |
| अतिरिक्त कक्षाएं |                      |                       |                         |                          |                                      |          |          |          |          |          |          |                       |                   |                   |                       |

अव्यापन संबंधी सामान्य जानकारी -

|                                                    |  |  |  |
|----------------------------------------------------|--|--|--|
| कौन से कक्षाओं और लिए गए काल खण्डों की संख्या      |  |  |  |
| अतिरिक्त / निदेशालय काल खण्डों की संख्या           |  |  |  |
| पुस्तकालय अव्ययन / इंटरनेट सांकेतिक का संकेत विवरण |  |  |  |
| अव्यापन हेतु कायमिक तकनीक का प्रयोग                |  |  |  |

i) महाविद्यालय में चल रही नवाचार योजनाओं के लिए किए गए कार्य -

|                                                              |  |  |  |
|--------------------------------------------------------------|--|--|--|
| अव्यापन हेतु नवाचारी योजनाओं के नाम                          |  |  |  |
| कितने विद्यार्थियों को प्रेरणा दी                            |  |  |  |
| कितने प्रतिभाशाली विद्यार्थियों का उपयोग किया                |  |  |  |
| कितने कमजोर विद्यार्थियों को मदद की                          |  |  |  |
| कितने विद्यार्थियों को विभिन्न प्रकार की सहायता सुनिश्चित की |  |  |  |
| लिखित एवं मौखिक की जानकारी                                   |  |  |  |

i) विभिन्न सामग्रीयों में संशोधक व सदस्य के रूप में किए गए कार्य -

ii) परीक्षा संबंधी कार्य का विवरण -

iii) कौन से कक्षाएं कार्य -

iv) परीक्षा कार्य में मार्गदर्शन -

v) विद्यार्थियों को सहायक करने के लिये किया गया कार्य -

Dr. Anshu  
31.12.2020

Chh.

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