



# ST. ALOYSIUS' COLLEGE

**AUTONOMOUS**  
**JABALPUR- 482001**  
**MADHYA PRADESH, INDIA**

Inclusivity  
and  
Equity



## CRITERION-1

4 QUALITY  
EDUCATION



### CURRICULAR ASPECTS

**Key Indicator – 1.2**

**Academic Flexibility**

**Metric No.: 1.2.1**

**Percentage of New Courses Introduced out of the total number of courses across all programmes offered during the last five years.**

**Document Name**

**Minutes of the Board of Studies Meeting**



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## Title:- Board of Studies

### Content

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## **Minutes of Board of Studies meeting**

**BOS 2019-20**



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# Department Of Chemistry



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## BOARD OF STUDIES MEETING DEPARTMENT OF CHEMISTRY

The 13<sup>th</sup> meeting of Board of Studies was held on 16<sup>th</sup> July, 2019 from 11:50 am. Members present during the meeting were -

(1) Dr. I. P. Tripathi

I.P.T.  
16/7/19

(2) Dr. Ratmesh Das

R.D.  
16/7/19

(3) Dr. Alka Tiwari

A.T.  
16.7.19

(4) Mr. Pankaj Maheshwari

P.M.

(5) Mr. Mayank Verma

M.V.

(6) Dr. Anjali D'souza

A.D.

(7) Dr. Smarika Lawrence

S.L.  
16/07/19

(8) Dr. Sutapa Roy

S.R.  
16/7/19

(9) Dr. Shweta Likhitkar

(10) Dr. Amrita Chatterji

A.C.

(11) Dr. Manju Gupta

M.G.  
16/7/19

(12) Ms. Nidhi Khare

N.K.  
16/7/19



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Agenda of the meeting are as follows :-

- (1) Opening prayer
- (2) B.Sc. Chemistry syllabus
- (3) M.Sc. Chemistry syllabus
- (4) Internship / Project for UG & PG
- (5) Certificate course in chemistry.
- (6) Workshop
- (7) DTC (Design Innovative Center) Certificate course.
- (8) Closing Prayer
- (9) Vote of thanks.

→ Opening prayer - The BOS meeting started with an opening prayer by Dr. Manju Gupta.

→ B.Sc. Chemistry syllabus -

A glimpse of the department and the future plan of the department was given by Dr. Smarika Lawrence through a presentation. After the presentation the first agenda was discussed.

The B.Sc. syllabus followed as per prescribed by the M.P. Higher Education. Since the theme of the year is "Skill development" therefore some topics related to the theme has been incorporated in the syllabus. The topics which were added were appreciated by the BOS members.

It was suggested by Mr. Parshaj Maheshwari to incorporate projects in B.Sc. final year to bridge the gap between theory and practical.

Teacher's Sign.



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He added that a collaboration with the Jabalpur Chamber of Commerce can be initiated for the project work of the students.

Dr. Binjali Dsouza requested the industrial representative of the POOs to identify and prepare a list of industries that will cater to the needs of the students.

It was suggested by Dr. J. P. Tripathi to keep it open for the students to opt for doing the project in industry or the department. He also added that the project work can be incorporated as a part of the final practical exam for the B.Sc. final year students.

→ M.Sc. Chemistry syllabus -

Dr. Binjali Dsouza informed the POO members that at M.Sc. level CBCS pattern is being followed.

Dr. J. P. Tripathi and Dr. Ratnesh Das suggested that the credit for M.Sc. should be less than 100. Dr. Binjali Dsouza informs the members that after a lot of thought process and discussion it was decided to keep 100 credits for M.Sc. course which was passed by the Academic council.

It was pointed out by Dr. Ratnesh Das that the syllabus is less and the UGC syllabus should be incorporated as



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it covers the NET syllabus.

→ Internship / Project for UG & PG -

Dr. Smarika Lawrance gave a brief for account of the projects that are conducted by the B.Sc. and M.Sc. ~~and~~ students. Mr. Pankaj Maheshwari advised that projects based on metal analysis can be given to the students. He added that Metallurgy lab test materials (books) can be arranged for this purpose, which will be as per Indian standard for analysis of metals.

→ Certificate course in chemistry -

The BOS members were briefed about the certificate course that were conducted in the previous years. Dr. Anjali D'souza informed the members that this year's certificate course will be on "Chemistry of food estimation & analysis" which will consist of 5 modules. This course will cater to UG and PG students and will be optional. It will be for a duration of 4 months and the fee will be 600/- per student.

Dr. Alka Tiwari suggested that Isolation of caffeine and tobacco can also be added in the modules.





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## Proposed Certificate course on: *Chemistry of Food: Analysis and Estimation*

Course Duration: 30hrs (1 Month)

### Module-I

Balanced Diet: Function of food, Physiological, psychological, and social, concept of balanced diet

Food preservation and food deterioration

### Module-II

Food Preservatives:

Shelf life of foods, sterilization and asepsis, determination of pH of different –foods using pH meter

Food preservation by drying / dehydrating/ freezing. Fluid pasteurization

Food additives- Antimicrobial agent/ anti oxidants/sweeteners/Colors

### Module-III

Nutrients, Classification, Digestion: functions, dietary sources, clinical manifestations of deficiency and excess. Factors affecting absorption: Energy, carbohydrates, Lipids and proteins, vitamins –fat soluble and water soluble. Minerals- Calcium, Iron, Iodine, Zinc and Copper.

### Module-IV

Fruit Beverages/ Jams, jellies, chutney, sauces, pickle/ wine – Processing fruit juices, acetic acid /vinegar, Jams, jellies, chutney/ sauces/ pickles and causes of spoilage

Quantitative estimation of carbohydrate, fats, vitamins in food.

### Modules-V

Contamination of Food and Food Safety: Food laws and standards, Global scenario, Food safety, Food Hazard and Biopreservation, Classification of food- physical chemical contaminants, (Heavy metals and Pesticides) intentional and unintentional additives

## Practical

### Module-I

Determination of pH in Food samples.

Food preservation by drying /dehydrating/ freezing. Fluid pasteurization.

### Module-II

Processing of Jams, jellies, chutney/ sauces/ pickles

### Module-III

Quantitative estimation of carbohydrate, fats, vitamins in food.

### Module-IV

Food contamination(adulterations) test



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→ Workshop -

Dr. Priyali D'souza informed the members about the two days workshop to be conducted on "Fourier Transform - Infrared Spectroscopy - Scientific and Societal Applications". The details are as follows -

## Two Days Workshop on

Fourier Transform - Infrared Spectroscopy: Scientific and Societal Applications

Sponsored By:

Department of Science & Technology, Govt. Of India, New Delhi  
(Under the project of Women Scientist, Scheme-A)

Venue: St Aloysius Autonomous College, Jabalpur, M.P.

Who can attend: PG students of Chemistry and Research Scholars

No. of Students: 50

Keynote Address: Topic: Spectroscopy related with daily life;

Speaker: Dr. Ashok Kumar, Professor, Devi Ahilya Bai University, Indore, M.P.

Session I: Lecture Session

Lecture I: Introduction and Applications of Infrared Spectroscopy

Speaker: Dr. Rashmi Saxena, Asst. Professor, M.H. College of Science and Home Science, Jabalpur, M.P.

Lecture II: Need of purification and sample preparation methods for FT-IR sampling.

Speaker: Dr. Manju Gupta, St. Aloysius College, Jabalpur

Lecture III: Applications of FT-IR for daily life.

Speaker: Dr. K.K. Verma, Retd. Professor, Rani Durgavati University, Jabalpur, M.P.

Session II: Practical Sessions

Session I Column Chromatography and solid phase extraction

Session II Thin Layer Chromatography

Session III Liquid-liquid Microextraction

Session IV Sample handling in FT-IR



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Dr. Manju Gupta gave a brief summary of the workshop in which she emphasised that it will be based on the daily use of spectrophotometer and will also involve the use of separation techniques.

## → DIC Certificate Course -

The members were informed about the DIC certificate course and the syllabus was discussed.

## → Vote of Thanks -

The meeting concluded with the vote of thanks by Dr. Amrita Chhatre.

## → Concluding Prayer -

The concluding prayer was conducted by Ms. Nidhi Khare.

The department is highly grateful to the Principal and Vice-Principal for the cooperation and guidance.



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## Design Innovation Center

### Prescribed Syllabus (Session 2019-20)

Paper- Approaches and Applications of Biodesign

Max. Marks: 50 (25 theory+25 Practical & Model Making)

#### Unit-I

Definition of Biodesign, Scope of Biodesign, types of Biodesign products, nature inspired innovations, current status and future prospects of Biodesign in India and International Market

#### Unit-II

Definition of Nanoparticles, Synthesis of NP, Green synthesis, Biodesigning of NP using microbes, Application of NP, Innovative Nutritional animal products, Biocapsules

#### Unit-III

Vertical Garden : Introduction, Importance & Biodesigning, Biodesigning of Mushrooms, Effect of traditional systems on crop cultivation, water purification, waste management, transformation of waste energy: transducers.

#### Unit-IV

Hydroponics: Introduction, importance and biodesigning for Hydroponics, Production of vegetables using hydroponics, Micropropagation of medicinal plants

#### Unit-V

Instrumentation: Basic of Chromatography, UV Visible Spectrophotometer, FTIR, Fluorescent Microscopy, XRD

#### Practicals-

1. Identification and cultivation of mushrooms.
2. Micropropagation of medicinal plants
3. Demonstration of Hydroponic system
4. Biodesigning of phyto waste
5. Biodesigning using animal products to prevent life style malaises
6. Application of instruments in Biodesigning
7. Bio design Model Making (Group -wise)

Department of Chemistry

*Handwritten signatures and dates:*  
19/11/19  
Maya



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# Department Of Botany and Microbiology



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## MINUTES OF THE MEETING OF BOARD OF STUDIES FOR IMPLEMENTATION OF CBCS in M.Sc. MICROBIOLOGY

Date : 9/03/18

Time : 2:00 p.m.

### MEMBERS

Prof. S.N. Bagchi - ~~Present~~  
Prof. Surendra Singh - ~~Present~~  
Dr. A.K. Ayachi - ~~Present~~  
Mr. S.K. Shrivastava - ~~Present~~  
Dr. Shikha Bansal - ~~Present~~  
Dr. Sonali Nigam - ~~Present~~  
Dr. Femina Sobin - ~~Present~~  
Dr. Mamta Gokhale - ~~Present~~ **ABSENT**  
Mrs. Roshni Choubey - ~~Present~~  
Dr. Ranjan Singh - ~~Present~~  
Dr. Juhi Sharma - ~~Present~~  
Ms. Monica Soni - ~~Present~~ Monica Soni

### AGENDA :

- > Opening Prayer
- > Welcome of Members
- > **Discussion and Approval of CBCS Syllabi**
- > Concluding Prayer.

**OPENING PRAYER** - was conducted by Dr. Juhi

**WELCOME** - Dr. Bansal extended a warm welcome to all BOS members.

**DISCUSSION** - **Implementation of CBCS in M.Sc. Microbiology** was duly discussed. Prof. Bagchi and Prof. S. Singh opined that



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for Approval of the CBCS scheme in M.Sc. Microbiology as proposed is subjected to modification of the Ordinance number 222 of the Rani Durgawati University by way of inclusion of the autonomous colleges in the per-view of the ordinance no. 222. The ordinance no. 222 is only limited to the University Teaching Departments and colleges are not presently included in the per-view of this ordinance. (As per comment by Prof S.N. Bagchi) Dr. Ayachi and Mr. Shrivastava had the same opinion as well.

THESIS All the board of studies members unanimously approved the topics and the credit points allotted for different courses in the syllabi. Following course outline and credits were finalised for M.Sc. Microbiology

## M.Sc I sem

COURSE	COURSE NO.	SUBJECT	CREDIT
CORE COURSE	MBC 101	Bacteriology	4
	MBC 102	Virology	4
	MBC 103	Mycology	4
ELECTIVE COURSE	MBE 101	Biomolecules	4
	MBE 102	Bioenergetics & Intermediary	4



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PRACTICALS	MBC 104 and 102	Practical I (MBC 101 & MBC 102)	4
	MBC 105 and MBC 101/ MBE 102	Practical II (MBC 103 & MBE 101 / MBE 102)	4
SKILL DEVELOP -MENT COURSE	MBSD 101	SKILL DEVELOPMENT	1
SEMINAR		Seminar and viva voce	2
TOTAL		25 + 2 =	27

## M.Sc. II sem

COURSE	COURSE NO.	SUBJECT	CREDIT
CORE COURSE	MBC 201	Molecular biology	4
	MBC 202	Microbial Genetics	4
	MBC 203	Biostatistics	4
ELECTIVE COURSE (any one)	MBE 201	Biology of Immune Syst	4
	MBE 202	Microbial II Metabolism	
PRACTICALS	MBC 204	Practical I	4
	MBC 205	MBC 203 & MBC 202	4
	MBC 205	Practical II MBC 203 & MBE 201/ MBE 202	
SKILL DEVELOP -MENT COURSE	MBSD 201	Skill Develop -ment	1
SEMINAR		Seminar and viva voce	2





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## M.Sc. III SEM

COURSE	COURSE NO.	SUBJECT	CREDIT
CORE COURSE	MBC 301	Env. Microbiology	4
	MBC 302	MED. Microbiology	4
	MBC 303	AGR. Microbiology	4
ELECTIVE COURSE (Any one)	MBE 301	Bioprocess Eng. & Tech	4
	MBE 302	Biotechnology	4
PRACTICALS	MBC 305	Practical I (MBC 301 & 302)	4
	MBC 305	Practical II MBE 303 & MBE 301/MBE 302	
	MBCSD 301	Skill development	1
SEMINAR		Seminar & viva	2
TOTAL		25+2	27

## M.Sc. IV Sem - DISSERTATION

A. VALUATION	CREDITS	MARKS
1) Language & Presentation	3	50
2) Review of literature	3	50
3) Methodology	3	50
Analysis & Interpretation of Result	3	50
B VIVA VOCE	EXTERNAL	50
	INTERNAL	50
TOTAL		300
SKILL DEVELOPMENT	1	

Handed over to Dr. Souali Nigam. *(Signature)* 21/8/2021



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# Department Of Zoology



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Minutes of the Board of Studies meeting held on  
13/03/2018

Time: 11:00 am onwards

Venue: Department of Zoology

## Agenda →

1. Opening prayer.
2. Introduction of Experts and Welcome.
3. Approval of the B.Sc II Year - Zoology syllabus (Annual system) for Session 2018-19 onwards.
4. Approval of the syllabi of the M.Sc Zoology I & II Semester as per Choice based Credit system (CBCS).
5. Discussion on syllabus of Zoology (UG & PG) in the light of instructions from Dept. of Higher Education, Govt. of M.P. and UGC Model curriculum.
6. Revision of M.Sc Zoology syllabi as obtained from Dept. of Higher Education to remove some repetition and addition of some relevant topics (20% addition allowed under academic autonomy).
7. Approval of the syllabi of the Certificate course on 'Innovative Zoological Practices'.
8. Approval of the list of Examiners for the subject Zoology for the Session 2018-19.

Following members attended the Meeting →

1. Chairman / H.O.D. →  
Dr Parnashree Mulcheyee
2. Secretary of BOS, Dept. of Zoology →

— 13/3/2018



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1. Mrs Runa Paul

2. Dr Daye Shankar Gautam

3. Dr Manju Dixit

4. Two experts from outside the college as nominated  
by the Academic Council →

1. Dr Jayshree Sharma

Professor and Head,

Dept. of Zoology and Biotechnology

Govt. Model Science College,

Jabalpur.

2. Dr Suneeta Sharma

Professor,

Dept. of Zoology & Biotechnology

Govt. Model Science College,

Jabalpur.

5. One Expert nominated by Vice Chancellor →

1. Dr Rita Bhandari

Professor and Head,

Dept. of Zoology

Govt. O.F.K. Degree College,

Khamariya, Jabalpur.



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6. One representative from Industry -

Dr Padmini Shukumar

CEO and Director

Sarvamangalam Natural Farm Products

Gram Bhatoli, Gwainghat

Jabalpur.

- Absent due to prior commitments.

7. Meritorious Alumni →

Ms Neeta Kumari

Sr No. 2 Dattanager

Opp. Datta Mandir,

Swaraj Complex

A-wing, Flat No. 402

Adam Inamdar.

Post Code - 411014, Pune

- Absent.

(Due to prior commitments)

8. Dean Life Science -

Dr. Anjali D'souza

Dean, Life Science -

St. Aloysius College (Auto),

Jabalpur.

## Discussion of the Agenda →

- BOS meetings for the approval of the syllabus for the session 2018-19 started with a short prayer to God to bless the entire Aloysian fraternity.
- BOS members Dr Rita Bhandari, Dr Jayshree Sharma and Dr Sanita Sharma were welcomed to discuss the various agendas catering to the syllabus of UG & PG zoology. Dr Padmini Shukumar and



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During the current BOS meeting the UG & PG Zoology syllabus was reformed as per the local needs and skill enhancement of students. The modifications in the syllabus are as follows -

UG Zoology syllabus →

B.Sc I year → Following topics were specified in Paper I →

- Hemichordata - Type study of *Calanoglossus* wsr external features.
- Structure and significance of *Vernaria* larva.

B.Sc II year → Paper I → Vertebrate and Evolution.

Following topics were specified as follows -

- Type study of *Herdmania* and *Amphioxus*
- Comparative Account of integuments, digestive system, respiratory system and brain wsr Amphibia, Aves and Mammals.
- Comparative account of Aortic arches and heart wsr Fish, Amphibia, Reptilia, Aves and Mammals.
- Adaptation wsr Aquatic, Aerial, Desert and Arboreal.
- Study of extinct forms of Dinosaurs wsr *Brontosaurus* & *Stegosaurus*
- Zoogeographical distribution: Palaearctic, Oriental & Australian region
- Insular fauna wsr Wallace line and Weber line.

B.Sc III year - Paper II - Animal Physiology and Biochemistry

The syllabus was adopted as directed by Central Board of Studies in Zoology, Dept. of Higher Education, Govt. of M.P.

B.Sc V and VI Semesters →

The syllabus was adopted as directed by Central Board of Studies in Zoology, Dept. of Higher Education, Govt. of M.P.

PG ZOOLOGY →

Proposal for CBCS scheme in PG Zoology with following elective courses and practicals in M.Sc I and II Semesters for the session 2018-19 was approved by the Board of Studies in Zoology of St. Aloysius College (Auto),



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## M.Sc I Semester → Paper I →

- Unit I - Definition and Basic concepts of Biosystematics, taxonomy and classification was rephrased and rearranged.
- Theories of Classification was specified
- Taxonomic categories wsr species, genus, order, class and phyla, categories due to repetition was removed from Unit III
- Elementary idea of metapopulation was added in Unit III as per UGC model curriculum.
- Phylogenetic tree was added in Unit V as per UGC Model Curriculum

## M.Sc I Semester

- Title: Origin and Organization of Invertebrates was added in Unit I as per UGC model curriculum.
- The title: Invertebrates and Larval forms and Minor phyla - was added in Unit V as per UGC Model curriculum.

## M.Sc I Semester → Paper II →

- Basic mathematics for biologists wsr matrices was modified in Unit I as per UGC model curriculum.

## M.Sc I Semester → Paper IV →

- mRNA stability was added in Unit IV as per UGC model curriculum.
- Elementary knowledge of ribozyme was added in Unit V as per UGC model curriculum.

## M.Sc I Semester → Elective Courses →

- 02 elective courses were added. No change
- Proposal for elective course 1 - Wildlife conservation was approved.
- Proposal for elective course 2 - Entomology was approved.

## M.Sc I Semester → Practicals →

- Practical I - One minor dissection (Any 01) was specified.
  - Mouth parts / salivary gland of cockroach.
  - Mouth parts of Honey bee.
  - Squash preparation to study meiosis of grasshopper.



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→ Practical II → Proposal for elective course practical (Any one)  
→ Study of total haemocyte count in haemolymph OR  
Identification and comment upon wild animals of M.P. (any 5) was approved  
**M.Sc. II Semester**  
Paper III →  
→ m- Parabiosis was added in Unit III as per UGC model curriculum.  
Paper IV →  
→ Cell cycle and Cyclin dependent Kinases was added in Unit II as per UGC model curriculum.  
→ Mechanism of Apoptosis and Biology of Aging was added in Unit III as per UGC model curriculum.  
Elective courses of M.Sc. II Semester →  
→ Following Co- elective courses were added & proposed under CBCS scheme  
→ Proposal for elective course 1 - Environment and Biodiversity conservation was approved.  
→ Proposal for elective course 2 - Applied Entomology was approved.  
**M.Sc. II Sem. Practicals** →  
Endocrinological spots and histological slides of mammals were specified in Practical I.  
→ In Practical II → Proposal for elective course practicals (Any one) - Taxonomic identification of pest of vegetables and stored grains of Jabalpur district (any 5) OR Study and identification of local birds of Jabalpur was approved.  
**M.Sc. III Semester** → No changes are done in theory & Practical system  
**M.Sc. IV Semester** → No changes were done in theory & Practical system  
→ Ordinance and syllabus of Certificate course "Innovative Zoological Practices" for the session 2018-19 was approved.  
→ List of examiners for UG & PG Zoology for the session 2018-19 was approved by the Board of Studies in Zoology of St. Aloysius College (Auto), Jabalpur.





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# Department Of Computer Science



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Allinson  
Date: 15/3/13

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105 Meeting 2017-2018

## Members (External)

- Dr. R.K. Pandey (VC Nominee) ABSENT
- Dr. S.K. Dubey (Subject Expert) ~~ABSENT~~
- Ms. Vineet Jain (Industrialist) ~~ABSENT~~
- Mr. Atmarand Dubey (Alumni) ~~ABSENT~~

## Members (Department)

- Mrs. Siby Samuel ✓
- Mrs. Sukhwinder Kaur Walia ✓
- Mrs. Khushboo Gupta ✓
- Ms. Prabhjot Kaur Karyal ✓
- Mr. J. Rajeshwar Rao ✓
- Mr. Aniket Kumar Yadav ✓
- Mr. Ankit Dubey ✓
- Mrs. Mala Das ✓
- Mrs. Smadha Soni ✓
- Mrs. Saroj Janghane ✓
- Mr. Manish Tiwari ✓
- Ms. Swapnil Justin ✓
- Ms. Arifa Aijam ✓
- Mr. Rakash Lorge ✓
- Ms. Aspita Jain ✓
- Mrs. Abhilasha Sarkar ✓

## AGENDA

~~Approval of ~~Scheme~~ and Syllabus for  
CBCS w.e.f. July 2018 for MSc (CS).~~



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Mansa  
Date \_\_\_\_\_ Page (44)

② Any Other.

The DOS Meeting was held on 15/3/18 at 12 pm in Department of Computer Science with the agenda to

approve the syllabus of MSC

Computer Science under CBCS

Scheme. They were welcomed by

Mr. Manish Khari. The papers

were introduced by Mrs. Siby Samuel.

She continued saying that papers

were introduced keeping in

mind the core skills and

was cutting issues like environ-

ment, gender etc issues by

collaborating with other

department. The entire syllabus is

divided into 3 parts -

a) Core

b) Core Electives

c) Other Electives

For the other electives the

collaboration is done with

the Department of Commerce,

Economics and Political Science.

Further the points of discussion were



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Mansa

Date \_\_\_\_\_ Page (45)

Students demanded to incorporate subject that will help them in various competitive exams like Indian Economic Service Exam/Indian Statistical Service Exam and other competitive exam also. For which the HOD's of Economics and Political Science were being invited specially. The students were keen to understand the course content and electives opted from the economics and political science. They wanted to include the content on economic analysis and banking sector in which HOD of Economics commented to incorporate Macro Economic Analysis paper in which the last unit will comprise of money banking and practice. The following members were the special invitees-

Special Invitees (Students) [UG and PG]

1. Eshwari Saha

2. Nanshika Dixit

3. Sonam Katarre

4. Rajkumar Yadav

5. Hitesh Adhao

Teachers -

Dr. Vishwas Patel (Head) Political Science

Mrs. Reeta Chauhan (Head) Economics



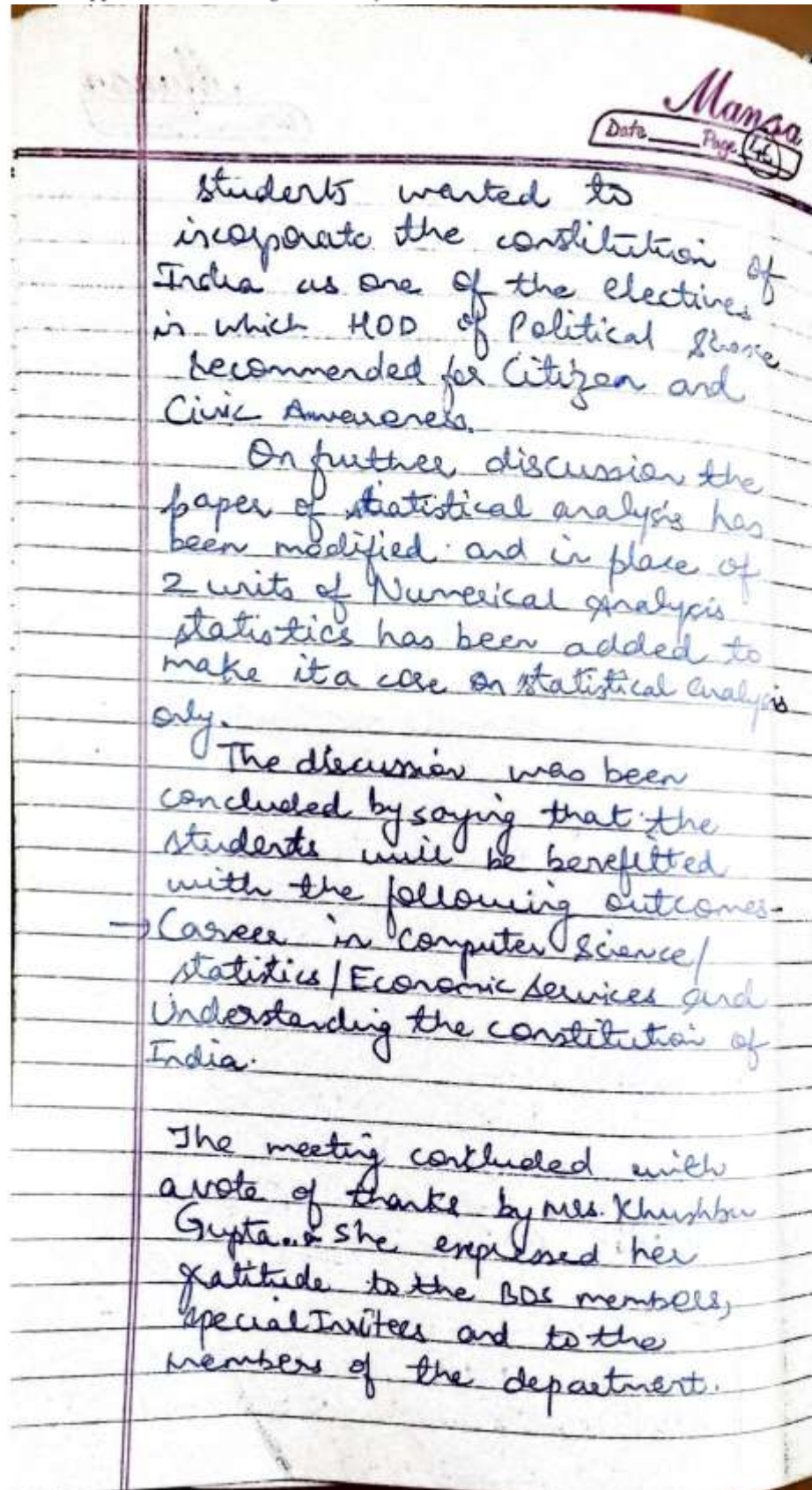
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# Department Of Mathematics



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## Notification

As per the guidelines of UGC, New Delhi for Autonomous colleges Board of Study in Department of Mathematics, St. Aloysius College (Autonomous), Jabalpur for 2019-2021 is constituted as follows:

S.N.	Members	Name
1	Chairman	Dr. Mandira Kar Head, Dept. of Mathematics St. Aloysius (Autonomous) College, Jabalpur
2	Departmental members	Dr. Mita Darbari Dr. Akhilesh Pathak Dr. Pratibha Richhariya Mrs. Archana Pasari Dr. Kusumlata Rajak Mr. Satyendra Jain
3	Vice Chancellor nominee	Prof. V. K. Upadhyay Dept. of Mathematics, M.G. Chitrakoot University, Chitrakoot
4	Two subject experts nominated by the Academic Council	Prof. M. Dube Dean, Mathematical Sciences RDVV, Jabalpur  Prof. S.S.Rana Dept. of Mathematics and Computer Science RDVV Jabalpur
5	Industrialist	Mr. Manish Agrawal Proprietor, Mirific Enterprises Industrial Estate, Adhartal, Jabalpur
6	Meritorious ex-student	Dr. Anita Banafar Jabalpur Engineering College, Jabalpur

Dr. Mandira Kar  
Head, Dept. of Mathematics  
St. Aloysius (Auto) College, Jabalpur

Dr. Fr. G. Vazhan Arasu  
Principal  
St. Aloysius (Auto) College, Jabalpur

**PRINCIPAL**  
St. Aloysius College (Autonomous)  
JABALPUR-482001 (M.P.)  
INDIA



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The Board of Studies for the session 2019-2021 has been constituted. The meeting of the BOS (odd semester 2019-2020) was held on 27.7.2019 at 11:30<sup>am</sup>. The following members were present.

- Dr. Mandira Kar (Chairman) -
- Dr. Meeta Darbari -
- Dr. Akhilesh Pathak -
- Dr. Pratibha Ricchariya -
- Mrs Archana Pasari -
- Dr. Kusumlata Rayak -
- Mr. Satyendra Jain -
- Prof. V. K. Upadhyay (VC nominee) -
- Prof. S. S. Rana (AC nominee) -
- Mr. Manish Agrawal (Industrialist) -
- Dr. Anita Banerjee (Ex-student) -

Prof. M. Debe (AC nominee) was absent as she was out of India.

The agenda for the meeting was approval of all UG and PG courses, approval of skill based certificate courses, approval of the panel of examiners, suggestions for numerical ability programmes, any other with permission of the chair.

The syllabi for UG courses for 2019-20 were approved by the Board. Suggestions were given by the Industrialist to incorporate applications of subjects like differential and integral calculus in the syllabus. Experts were of the opinion that it can be done in B.Sc. Paper I.





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added which shall enhance the skills of students.

The certificate course syllabus (LATEX and Basics of MATLAB) were highly appreciated and approved by the BOS. The courses are skill based courses.

The M.Sc I and M.Sc II sem<sup>syllabi</sup> for 2019-20 was approved by the BOS. There was no modification, i.e., the syllabi remains the same as was approved earlier in 2018-19.

There were discussions on whether M.Sc III and M.Sc IV semester syllabi could be modified. Dr. Mrs. Darbais presented her case but Prof. S. S. Rana (AC Nominee) said it was not possible in this current session as their syllabi had already been approved in 2018-19 for 2019-2020 by the BOS. He said modification can be done in the next session for 2020-21 with due reasons. However, the BOS reserves the right to approve it. In M.Sc IV Sem there will be a comprehensive Viva test.

This year has been notified as the 'Year of Skill Development'. Hence the department proposed a crash course in Numerical ability for competitive



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external agency. The BOS approved it.

Guest lectures on applications of mathematics was suggested by Mr. Manish Agrawal (Industrialist). The panel of examiners was also approved.

The meeting continued after lunch. Dr. Upadhyay joined the faculty at 3:30 pm and gave a no. of suggestions, like an 'elective paper - Differential Geometry'. He was appreciative of the PG syllabi. The meeting ended at 4:45 pm.



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(पूर्व नाम जबलपुर विश्वविद्यालय, जबलपुर)



क्रमांक/अका./2021/5909

जबलपुर, दिनांक 4/6/2021

प्रति,

प्राचार्य,  
सेंट आलायसिस महाविद्यालय,  
जबलपुर।

विषय:- शोध केन्द्र की निरंतरता/सम्बद्धता बावद।

महोदय,

विद्यापरिषद् की स्थायी समिति की बैठक दिनांक 22/12/2020 एवं कार्यपरिषद् की बैठक दिनांक 26/03/2021 के निर्णयानुसार आपके महाविद्यालय में गणित, रसायनशास्त्र, भौतिकशास्त्र एवं अर्थशास्त्र विषय में शोध केन्द्र की सम्बद्धता को मान्य किया गया है एवं भौतिकशास्त्र विषय में एक शोध निर्देशक है एवं अन्य तीन ने शोध केन्द्र निर्देशक मान्य किये जाने हेतु आवेदन प्रस्तुत किये हैं। अतः इनके शोध निर्देशक की मान्यता के पश्चात् नियमानुसार प्रकरण पर विचार किया जायेगा।

पू 0 क्रमांक/अका./2021/5909

प्रतिलिपि सूचनार्थ अर्पित :-

1. कुलपति जी के सचिव, रा0दु0वि0वि0, जबलपुर।

प्रभारी कुलसचिव  
रानी दुर्गावती विश्वविद्यालय,  
जबलपुर

जबलपुर, दिनांक: 4/6/2021

सहायक कुलसचिव(अका0)  
रानी दुर्गावती विश्वविद्यालय,  
जबलपुर



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# Department Of Economics



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## BOARD OF STUDIES MEETING

DATE: 12 March, 2018

TIME: 11 AM - to 1:20 PM

VENUE: Conference Room

### AGENDA:

- \* Prayer
- \* Minutes of last Meeting
- \* Discussion on CBCS and Syllabus
- \* New Add-on Course
- \* Any Other Issue
- \* Vote of Thanks.

### PRAYER:

The Board of Studies meeting started with the welcoming of members and a short prayer conducted by Dr. Elena Philip.

### MINUTES OF THE LAST MEETING:

The minutes of the previous meeting was read out by Dr. Antonina R. Robin. The minutes was proposed by Dr. Elena Philip and seconded by Dr. Renu Markandi.



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## DISCUSSION ON CBCS AND SYLLABUS:

Graduate syllabus of economics was reformed considering the Post indicators provided by NAAC regarding Curriculum design and development. Core aspects like local needs, national and global trends, employability, entrepreneurship and skill development were considered during reformatting the syllabus.

The course was modified considering the following desired programme outcome -

1. Enabling students to understand basic concepts of economics.
2. Developing ability of analysing economic behaviour in practice and understand the economic logical thinking.
3. To enable students to make decision wisely using basic economic theories.
4. To create students ability to apply theories of economics in critical thinking and problem solving.

The Board of Studies agreed to implement Choice Based Credit System (CBCS) from the next academic session i.e. 2018-19 onwards in PGT classes. MA. Economics



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Course will comprise of four semesters and each semester will have four papers. In the first and second semester, the P.G. students will opt for economics papers only. The papers offered in I and II Semesters are:

## Semester - I

1. Micro Economic Analysis - I
2. Macro Economic Analysis
3. Quantitative Techniques.
4. Economics of Growth and Development.

## Semester - II

1. Micro Economic Analysis - II
2. Monetary Economics and Banking
3. Statistical Inferences & Research Methodology
4. International Economics

In Semester III and IV of P.G., there will be two core papers (Public Economics and Industrial Economics in III Semester and Indian Economy: Structure, Problems and Policy as well as Indian Foreign Trade and International Institutions in IV Semester). Besides this students



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will be given two core elective papers from the department i.e. Agricultural Economics and Rural Development in III semester and Financial Institutions and Market and Labour Economics in IV Semester. The student can opt for any one of these in each of the semesters.

On the basis of the feedback given by stakeholders to incorporate environmental and gender issues in the syllabus and keeping in mind the cross cutting issues of the society at the local, regional, national and international levels, the department has offered two open elective i.e. Environmental Economics in III semester and Gender Economics and Development in IV Semester for the past students of the department and students from other streams also.

Further keeping in mind the academic flexibility to be adopted in the curriculum, the students will be offered few open elective papers from outside the department also. The paper offered by the other departments in the III and IV semester as





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open electives are as follows -

## Semester - III.

1. "Marketing Management" by Department of Commerce
2. "Political Economy of India" by Department of Political Science.
3. "Fundamentals of Communication" by Department of English.
4. "Fundamentals of Computer and PC Software" by Department of Computer Science.

## Semester - IV

1. "Consumer Behaviour" by Department of Commerce
2. "Human Rights" by Department of Political Science
3. "Trends and Techniques of Effective Communication" by Department of English.
4. "Accounting and Financial Management" by Department of Computer Science.

These papers have been incorporated considering the aspects of developing skills, entrepreneurship and employability among the students. The student can choose any one paper out



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of these open elective papers according to their choice and ability.

All members actively participated in the discussion on the syllabus and gave their individual suggestions which enhanced the syllabus further. There will be project work in I & III Sem and Term-end Viva in II & IV Sem.

## NEW ADD-ON COURSE:

To enhance the employability and make learning more job oriented the department proposed to introduce a new add on course on "Development of Business Ideas and Entrepreneurial Skills". Mr. Prem Dubey, Chairman, Jabalpur Chambers of Commerce (Member BOS, Industrialist) has suggested to incorporate few important elements in that course i.e. Creation of business idea, financing of project, marketing and communication. He further suggested to frame add-on course in such a way, so that it can fill-up the gap between the theoretical and practical applicability of knowledge in order to cater to the



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requirements of the industry and to enhance employability among the students.

## ANY OTHER ISSUE :

Prof. S. R. Choubey  
Chair Dr. N. G. Pender has suggested to make PG course more research oriented. Dr. Reeta Chouhan ensured to increase the research and publication by PG students through project work.

Dr. Rohit Balyani suggested to organise industrial visit as regular basis, so that students can learn the practical aspects of the subject. Term-end viva can also enhance competence.

## VOTE OF THANKS:

The Board of Studies' meeting ended with the vote of thanks proposed by Dr. Reeta Chouhan. The discussion was fruitful and all the changes made in the syllabus has been passed by all the members of Board of Studies.



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## MEMBERS:

- Dr. Reta Choubey (Chairman) (P)  $\frac{12}{3/12}$
- Prof. S.K. Choubey (V.C. Nourinec)  $\frac{12}{3/12}$
- Prof. N. G. Pandey (Subject Expert)
- Dr. Ina Grace (Subject Expert) Absent
- Mr. Ramesh Dubey (Industrialist)  $\frac{12}{3/12}$
- Dr. Rohit Balyari (Alumni)  $\frac{12}{3/12}$
- Dr. Elena Philip (Member)  $\frac{12}{3/12}$
- Dr. Antonima K. Robin (Member)  $\frac{12}{3/12}$
- Dr. Renu Marwande (Member)  $\frac{12}{3/12}$



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(पूर्व नाम जबलपुर विश्वविद्यालय, जबलपुर)



क्रमांक/अका./2024/105

जबलपुर, दिनांक 22/3/2024

प्रति,

प्रधानार्थ,  
सेंट एलायसियस स्वशासी,  
महाविद्यालय, जबलपुर।

विषय :- साहित्य विषय में शोध केन्द्र की मान्यता वापस।

महोदय जी,

विद्यापरिषद् की स्थायी समिति की बैठक दिनांक 13/02/2024 निर्णयानुसार एवं कार्यपरिषद् की बैठक दिनांक 22/02/2024 के अनुमोदन पश्चात् आपके महाविद्यालय में साहित्य विषय में शोध केन्द्र की सम्बद्धता प्रदान करना मान्य किया गया है।

कुलसचिव,

रानी दुर्गावती विश्वविद्यालय, जबलपुर

जबलपुर, दिनांक 22/3/2024

प्रो क्रमांक/अका./2024/105

प्रतिलिपि सूचनार्थ -

1. कुलपति जी/कुलसचिव जी के सहायक, रानी दुर्गावती विश्वविद्यालय जबलपुर।

सहायक कुलसचिव(अकादमिक)  
रानी दुर्गावती विश्वविद्यालय, जबलपुर



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# Department Of Political Science



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Page No.	
Date:	

The Board of meeting was held on  
in Department of Political Science.

1. DR. VISHWAS PATEL
2. PROF. SOLEKHA MISHRA
3. PROF. RAM SHANKAR
4. PROF. SUSHANT SINHA
5. MR. RAPHAEL PARASTE
6. DR. TUHINA JOHRI
7. DR. PRIYANKA SHARMA
8. FR. BEN ANTON ROSE

## AGENDA OF THE MEETING

Opening Prayer

Minutes of Last meeting

Discussion on CBCS

Discussion on PG Syllabus under CBCS

Vote of Thanks

Meeting started with an opening prayer by  
Fr. Ben Anton Rose.

## MINUTES OF LAST MEETING

Minutes of the last meeting was read out  
by Dr. Tuhina Johri.



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## CBCS

Members of BOS prepared MA Political Science syllabus in semester wise, which is based on CBCS.

Dr. V. Patel introduced CBCS System. The scheme of CBCS along with credit and grading system may, however, be implemented at PG Pol.Sc from the forthcoming session 2018-19. The CBCS enables a student to obtain a degree by accumulating required number of credits prescribed for that degree. The number of credits earned by the student reflects the knowledge or skill acquired them.

## Outcome

Dr. P. Sharma described the outcome of the programme.

- To enable students to understand the entire gamut of Pol.Sc and its interrelations with other disciplines.
- To inculcate research and analytical habits among students and encourage reconceptualization of politics vis-a-vis the changing economy.
- To appraise the students of recent trends in Pol.Sc. and the new ideas, approaches, methodologies and perspectives.

## STRUCTURE OF CBCS

The CBCS enables students to take courses of their choice, learn at their pace, undergo additional courses, acquire credits more than what is required and adopt an interdisciplinary approach. The structure of CBCS system and the syllabus was discussed.





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Page No.	
Date	

- The PG. Pol:sc. course consisting of 4 semesters
- Semester I and II consist of Core papers, which should compulsorily be studied by a candidate
- Semesters ~~III~~ <sup>IV</sup> consists of Core + Elective + Open Elective, Elective papers are discipline centric, Open Elective: the papers offered in the open elective courses are for the students of other discipline also.

The syllabus was reframed considering the holistic development of students and also follow the key aspects provided by the NAAC such as cross cutting issues relevant to the current pressing concerns both nationally and internationally i.e. gender, environment and sustainability, human values and professional ethics.

## CREDIT DISTRIBUTION

Each semester will have 4 papers and the entire course requirement is of 16 papers and in semester I and III Project work and in semester II and IV End-Term Viva for the successful completion of M.A. Programme. The credit pattern is retained as such:-

- Each semester consist 4 paper and 20 Credits [5 credits per paper]
- In semester II and IV 4 credits for End Term Viva
- In semester ~~III~~ III 4 credits for project work.
- 4 credits for skill development (1 credit each sem)

Core, Elective & Open Elective -  $4 \times 20 = 80$  credits  
Project Work -  $4 \times 2 = 8$  Credits  
End-Term Viva  $4 \times 2 = 8$  Credits

Teacher's Sign.



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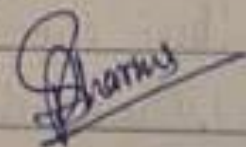
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Date	

Skill Development :- 1x4 = 4 Credit

The BOS after careful discussion finalized all the 16 titles of papers for all the 4 semesters and approved unanimously under the CBCS system.

## VOTE OF THANKS

The meeting was concluded with vote of thanks given by Dr. P. Sharma.

V.P.M. 3  
  
Tehing  
  
Sharma



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# Department Of English



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## BOARD OF STUDIES MEETING

DATE 15 MARCH, 2018  
DAY THURSDAY  
TIME 12:00 PM. ONWARDS  
VENUE CONFERENCE ROOM

### BOARD MEMBERS:

1. DR. ROSY MISRA R Misra  
15/3/18
2. DR. PUSHPA KARNAN P Karnan  
15/3/18
3. DR. SASTHA NAIDU S Naidu  
15/3/18
4. DR. ANJI PATIL ABSENT
5. MRS. NANDINI AGRAWAL Nandini  
15/3/18
6. DR. NEELAKSANA PATTAR N Pattar  
15/3/18
7. MRS. NIMARIKA SINGH Nimarika  
15/3/18
8. MRS. MARY RAYMER Mary  
15/3/18
9. DR. SOMA GUNA DAS Soma  
15/3/18
10. MS. MEENAK ANAND Meenak  
15/3/18



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11. Ms. Sneha Ramtek

15/3/18

## AGENDA :

1. Finalization of CBCS syllabus for PG in English.
2. Discussions on objectives and outcomes of Programme.
3. Facilitating Industry linkages.
4. Departmental Highlights of the session.
5. Any other matter with the permission of the chairperson.

→ The Board of Studies meeting with began a formal welcome given by Dr. Apalanjan Kulkarni Head, department of English. She thanked them for their constant support and guidance.

→ Dr. N. Pathak introduced Board members with the agenda for the meeting. A detailed discussion was conducted on all the points.

→ Discussion began with finalization of CBCS syllabus for PG in English. Mrs. Sneha Ramtek gave a presentation on objectives and outcomes of the MA course along with



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each paper's regulations including course structure, eligibility, marks division, paper scheme etc; syllabus structure for each semester and discussions on additional open elective papers on fundamentals of communication and trends and techniques of communication.

- Dr. Santa Naidu suggested to include a brief history of English literature in the first semester to upgrade the knowledge of students.
- Dr. Santa Naidu also asked to remove the word "primarily" from the open elective paper on Fundamentals of Communication.
- Dr. Rosy Misra pointed a mistake in the numbering of papers, specifically in place of paper II, paper III was written in objectives and outcomes of the course.
- Dr. Sarala Naidu inquired how the objectives and outcomes of the course will be fulfilled and what will be parameters of its evaluation.
- To this, Dr. N. Patil answered that college is working on an institutional feedback system.



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- A discussion on employability in English was also done. Students who opt for MA in English usually have a aim to be only a teacher. It was seriously deliberated how students can opt for diverse jobs with MA in English.
- To this Dr. Keya Misra pointed that generally students' ultimate goal with MA in English is to become a good human being; students must be encouraged to join / offer of different kinds of jobs.
- Mrs. Nandini Agrawal suggested students with PG in English can be sent to newspaper agencies, new channels both print and electronic.
- For upgrading the syllabus on the basis of skill development, Dr. Sanita Naidu opined that it is wrong to hinge student with English subject. Skill acquisition is an innate capability which can be upgraded in the course of life.
- All the Board members were of the opinion if an eligibility test is conducted before admissions in MA in English Literature would assure us the quality students admitted to the course. They also stressed on conducting an aptitude test along with it for ensuring qualitative



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performances in the two years course.

→ The Board members were provided copies of syllabus for their feedback and suggestions.

→ ~~After~~ the suggested changes, the Board members approved the ~~idea~~ of Choice Based Credit system for Post Graduate Studies in English.

→ A note of thanks was proposed by Mrs. Shivarika Singh with which the board meeting concluded.

Minutes prepared By

(Mrs. Shivarika Singh)

Head, Dept. of English

(Dr. Neelanjana Pattaik)





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## MEMBER PRESENT:

1. DR. ROSY MUKA R Mukherjee  
15/3/18
2. DR. PULCHA KARICAW P Karicaw  
15/03/18
3. DR. SAINA NAIDU S. Naidu  
15/3/18
4. DR. ARTI PATEL ABSENT
5. MRS. NANDINI AGRAWAL Nandini  
15/3/18
6. DR. NEELANJANA PATNAK N. Patnak  
15/3/18
7. MRS. NIMRITA SINGH N. Singh  
15/3/18
8. MRS. MARY KAYMER M. Kaymer  
15/3/18
9. DR. SOMA GUHA DAS S. Guha Das  
15/3/18
10. MS. MEENAK ANAND M. Anand  
15/3/18
11. MS. SNEHA RAMTEK S. Ramtek  
15/3/18



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# Department Of Commerce



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## Faculty Members present:

1. Dr. Sonal Rai. 
2. Dr. Tarvinder K. Ghai 
3. Dr. Sanjay Rajak 
4. Dr. Preeti Jain 
5. Dr. Sunil Tiwari 
6. Dr. Dilip Koshla 
7. Ms. Pooja Gupta 
8. Ms. Kudshiya Raza 
10. Mr. Harbakhshi Moolchandani 
11. Mr. Yogesh Ashar 
12. Dr. Jagannath Rajak 
13. Miss. Nidhi Khulana 
14. Miss. Komal Rawat 
15. Ms. Nikita Shukla 
16. Ms. Shubham Sahu 
17. Mrs. Mamakshi Swamy 

## Agenda of the meeting:

- Opening Prayer.
- Presentation of the minutes of last meeting
- Approval of B. Com I year and (Annual System)
- Approval of B. Com (Hons) I year (Annual System)
- Approval of B. Com II year and B. Com Hons II year.
- Presentation of approval of and affiliation of PG course - M. Com -
- Approval of M. Com I & Second Semester syllabus



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with (CBCS)

- Presentation of Add on course.
- Any other Agenda.
- Vote of Thanks.

• *Op. Minutes of the meeting.*

- The meeting started with a prayer by Mrs. Nidhi Kumara.

- Dr. Keplizibah Jolun read the minutes of the last meeting and the agenda of the meeting was presented.

- Approval of B.Com I year (Annual pattern) The syllabus was presented for approval to the Board and the same was passed.

The group of Tax procedure was specified with a separate scheme

- Paper 1 - 35 marks
- Paper 2 - 35 marks
- Internal - 05 marks
- Practical - 20 marks

This scheme was accepted by the board and approved.



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- o Approval of B. Com Hons I year syllabus (Annual pattern)

The syllabus was presented for approval. It was clarified whether the foundation course is included in the B. Com Hons Course.

It was confirmed that the FC Course is same in B. Com Hons as approved for other UG courses and the syllabus was approved.

- o Approval of B. Com II year yearly pattern and B. Com Hons II year was presented for approval to the Board. The upgradation in the syllabus was done according to the need for entrepreneurship, employability and skill development.

To undertake employability the following components were implemented  
B. Com II yr - Types of cost for managerial decisions

B. Com (Hons) II yr - Insurance claim and out of store Retailing, CRM, loyalty program



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To develop skill in the students towards.

The following components were added:

B. Com. II year - Accounts of Gas/Water/  
Colliery

- Cost of living index case study

- case study of profit  
trend analysis.

B. Com. Honours

- Mobile Banking and its  
application.

- local bodies and  
financial responsibility  
case study.

- use of statistical tools  
in Research.

To empower the students ability and prepare  
them for entrepreneurship the following  
components were added.

B. Com. II year - Case study of profit  
and Trend analysis.

Income Tax Law & practice

Presentation and Approval and Affiliation  
of PG Course - M. Com.

The chairperson presented that  
the college has been sanctioned the  
Post Graduate Course M. Com.

According to the new Autonomy  
guidelines which have now become



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Given the Autonomous Colleges the freedom to restructure and redesign the syllabus and make the content relevant and upgraded.

In this line the syllabus for M.Com has been redesigned with C.B.C. pattern.

The following papers have been proposed and approved by board.

## Semester I -

Core Compulsary (i) Management Concepts and Organisational Behaviour

(ii) Managerial Economics

(iii) Financial and Cost Account

Core Elective - I. FINANCE

(i) Financial Management

(ii) Financial Institutions and Market

II - MARKETING

(i) Marketing Management

(ii) Advertising and Sales Management.

## Semester II -

Core Compulsary - (i) Accounting for Managerial Decisions



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- (10) Corporate Legal Framework  
(11) Statistical Analysis.

## Core Elective

### I FINANCE

- (1) Investment Management  
(10) Project Planning & Management

### II MARKETING

- (1) Consumer Behavior  
(11) Strategic Marketing.

The members of the BOS approved the CBCs pattern and the above mentioned papers for M.Com.

The B.O.s members were also apprised of the Certificate courses which the Department is offering along with its syllabi.

- (1) Certificate Course in Computerised Accounting with GST Tally  
(11) Certificate course in Income Tax Return filing &

The same was approved by the Board.

Note of thanks was proposed by Ms. Kundhya Raza.

Dr. Supali Ahlawalia  
Chair person

Dr. Hejshibati John  
Secretary





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# Department Of Biotechnology



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Minutes of Board of Studies meeting  
in Biotechnology held on 20/07/19.  
Time:

The board of studies meeting started with a prayer song by Mr. Enosh Philips. The board of studies members were introduced & they were welcomed by the departmental members.

The agenda of meeting was as follows:

1. Revision of B.Sc. 1<sup>st</sup> year & 2<sup>nd</sup> year syllabus by addition of some relevant topics (20% addition allowed under academic autonomy)
2. Approval of skill development course on the topic "Job training on plant tissue culture techniques"
3. Updation of List of examiners (Biotechnology)
4. Approval of the cover content of the syllabus of "Certificate course in Biotechnology"
5. Incorporation & commencement of CBCS in M.Sc. I<sup>st</sup> & II<sup>nd</sup> Sem.
6. Any other matter with the permission of the chairman



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The following members were present

## External Member

1. Dr. Deepankar Agrawal  
Industrialist, Mayitha House,  
1493, Home Science College,  
Road, Napier Town,  
Jabalpur, M.P., India

Signature

2. Miss Vijaya Chatterjee  
Ex-student  
Vikas Colony, Near Rovers  
Park, Ranchi, Jabalpur  
M.P. India

## Internal Member

1. Dr. Anyali D' Souza - Dean of Life  
Sciences

2. Dr. Laxmi Kant Pandey - Head of  
Department

3. Mr. Yashvir Bansi -

4. Mr. Nitin Swamy -

5. Mr. Enoch Philip -

6. Dr. Mr. Ruchika Yadav -

20/4/19



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The external members went through the syllabus of UG & skill development course. The following are the changes suggested and incorporated in this academic year:

## ① B.Sc 1<sup>st</sup> year

Paper I (Cell structure & Biology)

Unit I: The topic Cellular Interaction has been expanded

Cellular Interaction: Extracellular Matrix

Cell to ECM: Integrins, focal adhesion

Cell to cell: Selectins, Cadherins, Ig

Superfamily

Gap Junction Tight Junctions, plasmodesmata

Paper II (Microbiology)

Unit I: History, Application & status

of Microbiology in India → change to

History, Application & Status of

Microbiology.

UNIT II: 'Extremophila' topic is

removed ("Microbes in extreme

environment" is there in Unit I)

UNIT III: Rearrangement of topic done.

## ② B.Sc 2<sup>nd</sup> year

Paper I (Biophysics & Biochemistry)

No change

~~Paper II~~ Paper II (Bioinstrumentation, Biostatistics & Bioinformatics)

Unit I -

Ion exchange & affinity chromatography



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topic has been added  
unit IV: 'Moss' topic has been added.

③ Certificate course for skill development on plant tissue culture is introduced by this year. Director of the lab visited the faculty of the department to their lab for visit.

④ DIC proposal approved.

⑤ CBCS in PG I & II<sup>nd</sup> sem has been approved



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## Minutes of Board of Studies meeting

**BOS 2020-21**



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# Department Of Chemistry



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## BOARD OF STUDIES MEETING Department of Chemistry

The 15<sup>th</sup> BOS meeting was held  
on 28/10/21 in virtual mode <sup>2:00pm</sup> 1:30pm  
to 2:15pm  
Members present during the  
meeting

1. Dr. I.P. Tripathi
2. Dr. Ratnesh Das
3. Dr. Alka Tiwari
4. Mr. Mayank Verma
5. Mr. Pankaj Maheswari
6. Dr. Anjali Dsouza *Anjali*
7. Dr. Smanka Lawrence *Smanka*
8. Dr. Lalapa Roy *Lalapa*
9. Dr. Shweta Ukhitkar *Shweta*
10. Dr. Anula Chhatr *Anula*
11. Dr. Manju Gupta *Manju*

Teacher's Sign.





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Agenda of the meeting was as follows

1. Opening Prayer
2. Syllabus of B.Sc I year According to NEP
3. Certificate Courses
4. Closing prayer
5. Vote of thanks

1. Opening prayer - The meeting started with a word of prayer by Dr. Sutejra Ray.

2. Minutes of last meeting - Dr. Manjiv Gupta read the minutes of last meeting held on 12/12/20.

3. Syllabus of B.Sc I year according to NEP

The NEP syllabus was discussed in front of the members. Dr. I.P. Tripathi and Dr. Satish Das said that the syllabus forwarded by MP Higher Education has to be followed without any corrections.

All the members agreed to it

Teacher's Sign.



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The syllabus of B.Sc II year and III year would be followed as per MP higher education. It was discussed and passed in the last meeting.

HOD also informed the members that at M.Sc - CBCS syllabus is followed. It was also discussed and passed in last meeting.

## 4. Certificate Courses

The department had proposed 3 certificate courses in the last meeting

a) Chemistry of food - Analysis and Estimation

b) Chemistry in every day life

c) Instrumentation techniques and Analytical techniques

The HOD informed all the members that all these courses would be conducted in the next session.

She also informed that different activities under Star College Scheme would also be conducted.

Teacher's Sign.



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## 5. Vote of thanks

The meeting ended with a word of gratitude by Dr. Smarika Tewrance

## 6. Closing prayer

The concluding prayer was said by Dr. Shweta Uklitkar

The department is grateful to Principal, Vice Principal and Management for all the support provided. ✓



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# Department Of Botany and Microbiology



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Minutes of the meeting of Board of Studies for B.Sc. I year - Botany, Industrial Microbiology and Environment Education.

Date: 27 October 2021      Time: 11:30 AM to 03:00 PM

Day: Wednesday

Members of Board of Studies

Chairperson: Dr. Sonali Nigam

Academic Council Nominee

Prof. Anun Pandey

Prof. Ragini Gothalwal

Vice Chancellor Nominee

Prof. P. K. Khare

Industrial Representative

Mr. S. K. Shrivastava

Faculty Members

Dr. Shikha Bansal



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Dr. Lemina Sobin  
Dr. Mamta Gokhale  
Mrs. Rashmi Choubey  
Dr. Durga Ray



P. G. Meritorious Alumnus

Monica Saini

## Agenda for the Meeting

- i) Opening prayer
- ii) Introduction of the Board Members
- iii) Discussion on NEP Syllabi approval
- iv) Approval of vocational courses
- v) Any other matter
- vi) Vote of thanks
- vii) Concluding prayer

## Proceedings of the Meeting

- i) Opening prayer: The meeting commenced with an opening prayer by Dr. Lemina Sobin.
- ii) Introduction of the Board members:  
The Chairperson Dr. Sonali Nigam welcomed all the Board members and experts. She then introduced the Board members to the experts.



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iii) Discussion on syllabi approval: The syllabus of B.Sc. I year Industrial Microbiology (Major and Minor), Botany (Minor) and Environmental studies of B.Sc. I year formed by the departmental members was presented to all the experts of BOS, as per NEP norms. After a thorough discussion, accordingly all the experts came up with their suggestions during the discussion. Following topics were added in the syllabus of

- B.Sc. I year Industrial Microbiology Minor: Fundamentals of Industrial Microbiology - As per the current need of COVID-19 tests and vaccines in India we added the topic 'fundamentals of rDNA technology' the topic is also related to the first unit in which it was included.
- B.Sc. I year Industrial Microbiology Major: Tools and Techniques in Industrial Microbiology - Looking into the global needs topic added was 'a practical to study effectiveness of different sanitizers.'
- B.Sc. I year Botany Minor: Basic Botany - To address the locally available plants and to differentiate foliage diversity of the trees the topic included was 'Survey and identification of foliage of local trees.' This topic was included



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as a practical.

The second paper of foundation Course: Environmental Studies was also presented in the meeting.

These syllabus of B.Sc. I year, Industrial Microbiology, Botany and Environmental studies were unanimously approved by the members.

## iv) Approval of Vocational Courses

The syllabus of vocational courses of Medicinal Plants and Horticulture framed by the departmental members were presented in the meeting. After a thorough discussion the members approved the syllabus unanimously.

## v) Any other matter

Examiner's Panel - The list of examiners was prepared with addition of few names and was approved by the experts of the BOS.

## vi) Vote of thanks

Dr. Jerali Nigam proposed vote of thanks.

## vii) Concluding Prayer

Mrs. Roshni Choubey conducted





# ST. ALOYSIUS' COLLEGE

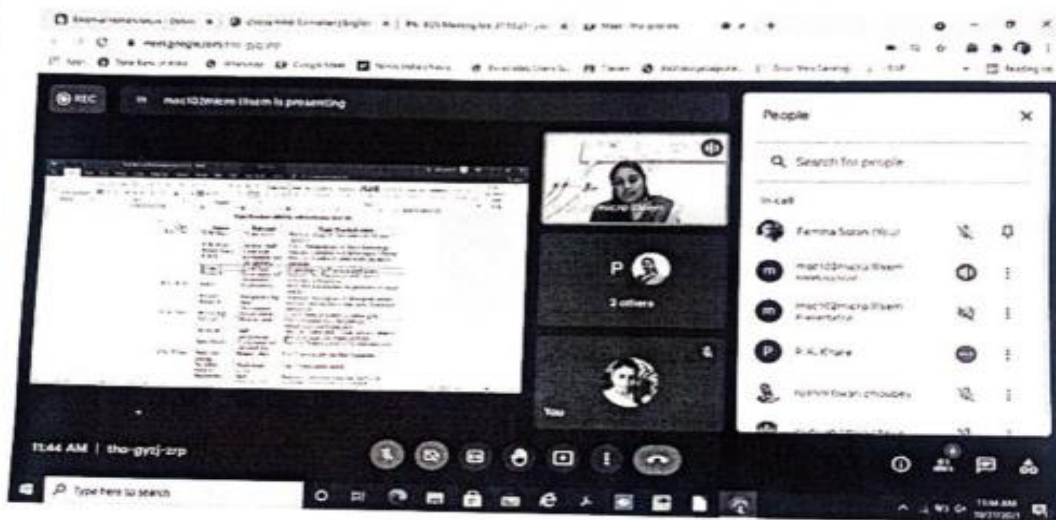
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*the concluding prayer*





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# Department Of Zoology



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BOS - 2021-22

Date: \_\_\_\_\_  
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## Zoology

Minutes of the online Board of Studies meeting held on 27/10/2021

Time - 3:00 PM onwards

Date - 27 October 2021

Mode - Google meet (online)

## Agenda

1. opening prayer
2. welcome and Introduction of the Experts
3. Discussion on the syllabi of Zoology in BSc 1<sup>st</sup> year as obtained from the department of higher education NEP 2020. Some addition of some relevant topics (20% addition allowed under academic autonomy)
4. Zoology Major Paper one & two
5. Zoology minor/Elective Syllabus
6. Apiculture (Open Elective)
7. Human Diseases (Open Elective)
8. Vermicomposting (Vocational Courses)
9. Discussion on Postgrad & Internship.



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- 27/10/2021
- following members attended the meeting.
1. Chairperson / HOD  
Dr. Priyanka Singh P.S.  
27/10/21
  2. Internal members / Faculty
    1. Dr. Ruma Paul Ruma  
27/10/21
    2. Dr. Jaysankar Gautam J.G.  
27.10.2021
    3. Dr. Manju Dixit M.D.  
27/10/21
    4. Dr. Megha Tiwari
  3. one Expert nominated by the Vice Chancellor  
Dr. Ruchira Chandelkary - Online Present  
Professor Department of Biotechnology  
Grant Institute for Excellence in higher education  
Bhopal.
  4. Experts from outside of the college.
    1. Dr. Suchita Banerjee - Online Present  
Ret. Professor of Biotechnology  
Institute for Excellence in  
higher Education, Bhopal.
    2. Dr. Sumita Singh - Online Present  
Professor Department of Zoology.  
Grant for Girls Autonomous College Sagar.



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## Discussion on the Agenda

Bos meeting for the session 2021-22 for Bsc first year NEP 2020 started with the prayer to Almighty god to shower his blessing on the students and staff of the St. Aloysius college, Jabalpur.

Subject Expert Dr. Ruchira Chaudhary, Suchita Barminge and Dr. Sunita Singh welcomed by departmental members.

Following relevant changes and modifications which were done in the Bsc I<sup>st</sup> year syllabus in view of criteria one skill development and and entrepreneurship among the students are as follows

### Bsc First year

#### Major Zoology paper - I (Animal Diversity: Nonchordata)

- Unit 1 - Topic Protozoa and Disease Specified with Amoebiasis, Trypanosomiasis, Leishmaniasis & Trichomoniasis EMP, Global Level
- unit-2. morphology, Reproduction and Development was specified of Sycon. EMP Larval form of bivalve, fluke was specified.
- Unit-3 Ascariasis, Trichuriasis, Enterobiasis, Filariasis & Trichinosis were specified Global, Local
- unit-4. Nauplius, Zoea, megalopa & mysis larva were specified. Insect vector also specified.



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## Mosar Practical.

1. Mouth parts of Cockroach/mosquitoes was specified. EMP, SD, Local Level
2. Two parasite were added Fasciola hepatica / Taenia solium. (Local, Global, EMP)
3. Insect vector and human disease. Culex, Aedes, Tsetse. (L, N, R, Global)

Zoology Major Paper two / Elective / Minor  
- Cell Biology, Reproductive Biology & Developmental Biology

Unit:3 MOET - Multiple ovulation Embryo transfer was added. EMP, Global level

Zoology Major Paper Practical / Elective / Minor

## Under DBT STAR Scheme

- ① Study of polytene chromosome under phase contrast microscope. SD, EMP
  - ② Malaria Antibody Test using ELISA Reader. SD, Global, Local, National
  - ③ Calculation of phase Percentage of stages of meiotic cell division under phase contrast microscope. (SD, EMP, Global)
  - ④ Sperm Morphology. (SD, Global, Local)
  - ⑤ Study of polytene chromosome under phase contrast microscope. (SD, Global, Local)
- Apiculture - (Open Elective) SD, Global, m.s.

Global. NO changes.

EMP Human Diseases. (open Elective)

EMP No changes

EMP Vocational course Vermi Composting

EMP National No changes.



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Meeting Ended with suggestions given by the Expert on the modified topics of paper one, two and practicals. Discussion was done on projects & Internship. They suggested many institutes for internship and field visits.

~~Prof~~ 30/10/21  
(Dr. Priyanka Senha)  
Chairperson of BOS Committee

Interhal Faculty Members

~~Runa~~  
Dr. Runa Paul

~~Daya~~  
Dr. Daya Shankar  
Gautam

~~Manjiv~~  
Dr. Manjiv Dixit

~~Miwari~~  
Dr. Megha Tiwari



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# Department of Biotechnology





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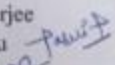


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## Minutes of BOS

A). BOS meeting is held on 18/12/2020 over google meet due to COVID-19 pandemic

B). The meeting started with a welcome speech from the HoD, Dr. Laxmi Kant Pandey.

C). Following members were present

1. Dr. Laxmi Kant Pandey (Chairman) 
2. Dr. Ragni Gothwal
3. Dr. S.N. Baghchi
4. Dr. Atul Pateriya
5. Ms. Vijaya Chatterjee
6. Mrs. Yasmin Banu 
7. Mr. Nitin Swamy 
8. Mr. Enosh Phillips 

D). Agenda of the meet

1. Discussion and approval of B.Sc. and M.Sc. syllabus (CBCS - 2<sup>nd</sup> year PG)
2. Approval of Certificate course on 'DNA barcoding - from sequences to species'
3. Approval of the syllabus of the 'Certificate course on Biodesign'.
4. Approval of the list of Examiners for the subject of Biotechnology.
5. Any other matter with the permission of the Chairman.

E). Points of discussion in according to the agenda

1. A thorough discussion is done over the syllabus.

1/1 Suggestions made for B.Sc I Year – No changes in Paper I

1/1.1 Paper II – It is suggested that the topic on fermentation in Unit V to be removed as it is already present in B.Sc. III Year.

1/2 B.Sc. II Year – Paper I – Following changes were proposed and accepted by the BOS:

- Modified in Unit 1: Chemical elements, structure of atoms, molecules and chemical bonds. Ionic, covalent, co-ordinate and hydrogen bonds. *Modified to: Chemical and Genetic foundations in life.*
- Modified in Unit 2: Equilibrium, Thermodynamic variables and Entropy, Thermodynamics, potentials and relations, Maxwell Equation, fundamentals equation of heat flow. *Modified to - Cell as a system, Phosphoryl group transfers (wrt ATP), Biological redox reaction*
- Modified in Unit 5: Bragg equation, Reciprocal lattice, Miller indices and unit cell, concept of different crystal structure, determination of crystal structure. *Modified to - X-ray crystallography – a way to determine crystal structure, Braggs law.*



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1/2.1 Paper II – it is suggested to update the content of Unit V having traditional biological databases.

1/3 B.Sc. III Year – Paper I – Following topics are added and accepted in BOS

- Unit III - DNA Repair
- Unit V - DNA sequencing, Site directed mutagenesis.

1/3.1 Paper II – Following topics are removed

- Unit II - In vitro culture, Single cell culture, Organogenesis, growth curve in culture, their organization and characteristics, Differentiation of cells, selectable markers, Bioreactors for large scale production of animal cells.

1/4 Following suggestion and changes are made in PG syllabus

1/4.1 In M.Sc. I sem Paper I – COVID 19 is added.

- It is suggested to classify the disease according to the type of pathogen.

1/4.2 M.Sc. I sem Paper II – it is suggested to reshuffle the topics.

- Title of Unit IV to be modified as Carbohydrates and lipids.

1/4.3 M.Sc. I sem Paper III – It is suggested to reshuffle unit V.

1/4.4 M.Sc. I sem Paper IV – Following topic is added in Unit V - Nucleotide Sequencing.

- It is asked to modify unit IV.

1/4.5 M.Sc. II sem Paper V – It is suggested to add some latest diagnostic techniques.

1/4.6 M.Sc. II sem Paper VI – Removed from Unit II - nitrogen fixation; hydrocarbon transformation. It is suggested to restructure the entire paper.

1/4.7 M.Sc. II sem Paper VII – To remove unit IV as it is very basic (basics of computer).

1/4.8 M.Sc. II sem Paper VIII – No suggestions made.

1/4.9 M.Sc. III sem Paper IX – Removed: Large scale animal and plant cell cultivation – Repetitive topic.

1/4.10 No suggestions were made for Paper X and XI.

1/4.11. In M.Sc. II<sup>nd</sup> year (III<sup>rd</sup> & IV<sup>th</sup> sem) CBCS has been adopted



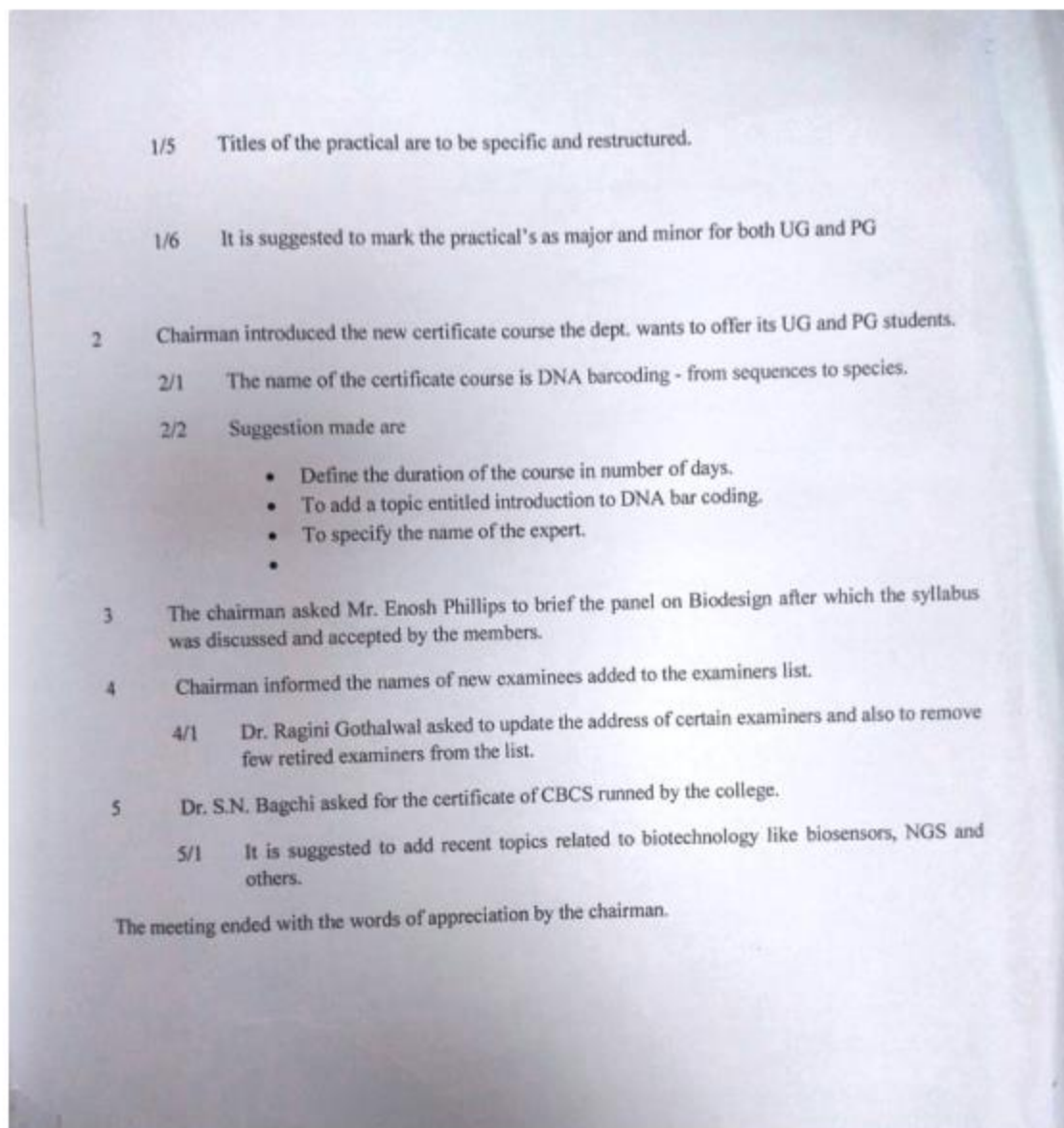
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# Department Of Computer Science



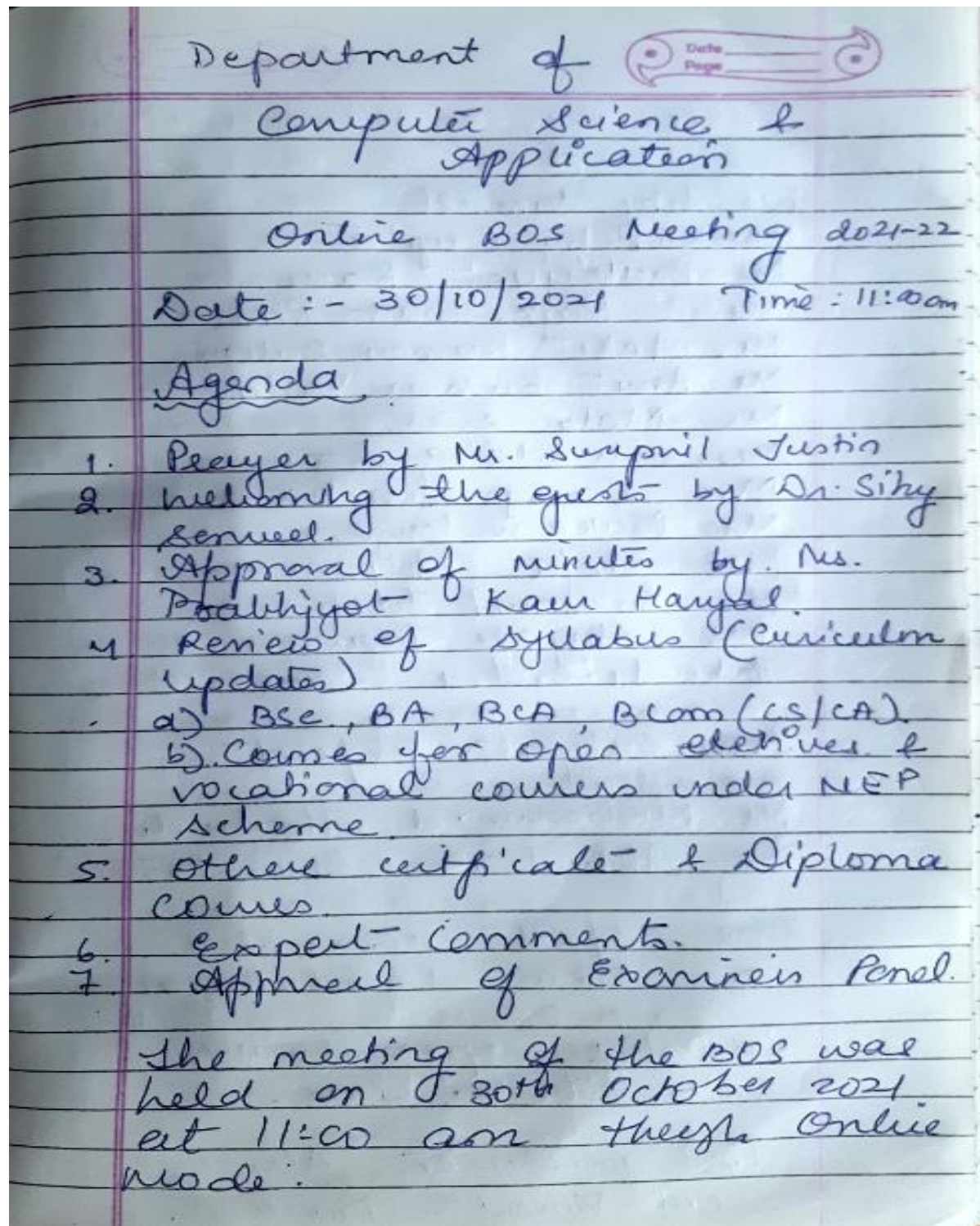
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Following members were present

Mrs. Siby Samuel.  
Mrs. Kuthy Cupta  
Ms. Prabhjyot Kaur  
Mr. J. Rajeshwar Rao.  
Mr. Ankit Kumar Duley.  
Mr. Amit Kumar Yadav  
Ms. Mala Das.  
Ms. Shradha Soni.  
Mrs. Sarej Janghara  
Mr. Prakash Loya  
Ms. Anifa Anjum.  
Mr. Swapnil Jais  
Ms. Anjali Jagwari.  
Mr. Sitedra Jain.

Two subject expert

Mr. Mohammad Abulairu  
Dr. Abhishek Shrestha

One expert nominated  
Dr. Sema Upadhyay

Industry representative  
Mr. Shishu Jain.

Post graduate Alumnus  
Col. Vineet Daniel



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- Date \_\_\_\_\_  
Page \_\_\_\_\_
- ① The meeting started with a wave of prayer by Mr. Swapnil Jadhav.
  - ② The Chairman of BOS welcomed and introduced the members and thanked each of them for sparing their valuable time to attend the meeting.
  - ③ The minutes of the previous meeting were communicated to the members and thanked each of them for sparing ~~some~~ their valuable time to attend the meeting.
  - ④. The minutes of the previous meeting were communicated to the members by Ms. Poojyot-Kam Thakur. The comments received have been incorporated. The minutes was prepared by Mrs S.K. Neelein & seconded by Mrs Kishan Gupta.
  - ⑤ The meeting further continued by showing the syllabus





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with the members initially the syllabus of B.Sc (CS) I year as per the NEP scheme was shared & discussed.

In major P-I: Computer System Architecture it was proposed to add sequential circuit in unit-I & RISC & CISC in IV for understanding the application of logics & advantages of processor which enhance the architecture skills.

Further in Minor / elective part the members made the suggestion to reorganize the third module of unit-II by incorporating initially away after discussion to maintain continuity in the syllabus.

In continuation to the curriculum updates for B.Com / B.A / B.Sc (Comp. App) I year under the NEP scheme the paper introduced is Data Processing Software In this paper the recommendation was to add core-references, textbooks, Macro & hyperlinks to enhance the employability.



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Skills in Computer Operator.  
Moving ahead the syllabus for Bsc (CS) III year P-I Web Application Development using PHP was shared with the members in which a small recommendation was made to add SQL programming DDL, DCL, DML based queries in a syllabus to give better understanding of queries in transaction processing which will enhance the employability skills.

The meeting continued with the discussion on open elective papers introduced by NEP. Out of the entire list, the papers opted by the department are Computer fundamentals, MS-Office, Multimedia & Animation & Data Visualization or using Spreadsheet. which is practical on create a spreadsheet for displaying a madhya Pradesh crop and its production satisfies the local needs. Similarly under NEP new syllabus scheme for vocational courses are also introduced.



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The department proposes to choose Digital Marketing, Web Designing & Desktop Publishing course. The discussion continues that as per the current trends and demands of the student it was proposed to add blog designing & search engine optimization in the practical list of digital marketing.

The above proposed recommendations were accepted and approved by BOS members.

In continuation to this the Chairman further highlighted the value added courses run by the department:

- Diploma in Computer Operator,
- Certificate in Computer Operator,
- Certificate in Image Making
- Editing & Animation
- Basis of Python & Red Hat Server Administration



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The examiners panel was presented with addition of new members in the panel for appraisal. The committee approved for the same and further authorized the chairperson to incorporate new members in the examiners panel.

Meeting was concluded by the vote of thanks given by Mrs Shradha Soni for their cooperation & suggestions for the uplftment of the syllabus.



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# Department Of Mathematics



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The Board of Studies in Mathematics for the session 2021-22 (odd semester) was held on 29-10-21 from 11:30 AM. The following members were present:

1. Dr. Maulina Kor (Chairman BOS) *Maulina*
2. Dr. Meeta Darbani (Member) *Meeta*
3. Dr. Akhilesh Pathak (Member) *Akhilesh*
4. Dr. Pratibha Ricchanija (Member) *Pratibha*
5. Dr. Archana Pansari (Member) *Archana*
6. Mr. Satyendra Jain (Member) *Satyendra*
7. Prof. V.K. Upadhyay (VC-Nominee)
8. Prof. Mridula Dubey (AC-Nominee) *M.Dubey*

Prof. S.S. Rana (AC-Nominee), Mr. Manish Agarwal (Administrative) and Dr. Anita Banerjee (Ex-student) were not present for the meeting.

The agenda was:

- 1) Review of the existing scheme and syllabi of UG (II<sup>nd</sup> and III<sup>rd</sup> yr)
- 2) Review and implementation of NEP syllabus of UG (I<sup>st</sup> year)
- 3) New certificate courses
- 4) Review of existing scheme and syllabi of PG (M.Sc I, II, III & IV semester)
- 5) Any other with the permission of the chair

The meeting started with a condolence prayer by Prof. S.S. Rana who left for his heavenly abode.

Teacher's sign



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1) The existing scheme and syllabi of UG (III<sup>rd</sup> year) was reviewed. It is noted that there is a change in the syllabus of B.Sc III Maths Paper II 'Real and Complex Analysis' by MP Higher Education. The syllabus was approved and course Objective and course Learning Outcomes framed were also approved. The other two papers of B.Sc III & three papers of B.Sc II remain same as in the previous sem.

2) As accordance with the scheme of NEP, syllabi of B.Sc I was discussed. The syllabi of Major Paper (IT & 2T) Minor Paper (1T) and Elective Paper Mathematical Logic and Sets was approved with respective Course Learning Outcomes. There is an addition in Major Paper (IT), Unit II to enhance the skill of students. The topic is 'Congruence Modula and its Applications'.

CCE will be of 30 marks comprising of 3 class tests & 1 assignment each of 10 marks (Best 3 of 4). As part of External Assessment 5 Very Short Questions of 2 marks each (5x2), 5 Short Questions (200 words) of 4 marks each (4x5), 5 Long Questions (500 words) of 8 marks each (8x5) was approved. Total External marks - 70 marks

3) Two New certificate course "Vedic Mathematics" and "Basics of Mathematics for computation" were approved. These certificate course are of 3 modules each.



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30 contact hours.

- 4) Review of PG syllabi and CLO of each paper was done. Remain the same as before. The change in the scheme put up in the previous BOS meeting was open in the meeting for review. After a long discussion no changes were made. The existing scheme continues.
- 5) Dr. Darbani proposed EVV/Project work/Internship <sup>Part B Sem.</sup>
- 6) Internship/Project of BScI was also taken up and discussed.

The meeting ended at 2 PM.

Secretary (BOS)

(Dr. Akhilesh Pathale)

Chairman (BOS)

Dr. Maulina Kar

(Head, Dept. of Maths)





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रानी दुर्गावती विश्वविद्यालय, जबलपुर (म.प्र.)  
(पूर्व नाम जबलपुर विश्वविद्यालय, जबलपुर)



क्रमांक/अका./2021/5909

जबलपुर, दिनांक 4/6/2021

प्रति,

प्राचार्य,  
सेंट आलायसिस महाविद्यालय,  
जबलपुर।

विषय:- शोध केन्द्र की निरंतरता/सम्बद्धता बावद।

महोदय,

विद्यापरिषद् की स्थायी समिति की बैठक दिनांक 22/12/2020 एवं कार्यपरिषद् की बैठक दिनांक 26/03/2021 के निर्णयानुसार आपके महाविद्यालय में गणित, रसायनशास्त्र, भौतिकशास्त्र एवं अर्थशास्त्र विषय में शोध केन्द्र की सम्बद्धता को मान्य किया गया है एवं भौतिकशास्त्र विषय में एक शोध निर्देशक है एवं अन्य तीन ने शोध केन्द्र निर्देशक मान्य किये जाने हेतु आवेदन प्रस्तुत किये हैं। अतः इनके शोध निर्देशक की मान्यता के पश्चात् नियमानुसार प्रकरण पर विचार किया जायेगा।

पू 0 क्रमांक/अका./2021/5909

प्रतिलिपि सूचनार्थ अर्पित :-

1. कुलपति जी के सचिव, रा0दु0वि0वि0, जबलपुर।

प्रभारी कुलसचिव  
रानी दुर्गावती विश्वविद्यालय,  
जबलपुर

जबलपुर, दिनांक: 4/6/2021

सहायक कुलसचिव(अका0)  
रानी दुर्गावती विश्वविद्यालय,  
जबलपुर



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# Department Of Economics



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## BOARD OF STUDIES MEETING

DATE : 9<sup>th</sup> July, 2019  
TIME : 10:AM  
VENUE: Conference Hall.

### AGENDA:

- \* PRAYER
- \* MINUTES OF LAST MEETING
- \* NEED ANALYSIS
- \* DISCUSSION ON UNDERGRADUATE SYLLABUS
- \* DISCUSSION ON POSTGRADUATE SYLLABUS
- \* DISCUSSION ON SKILL DEVELOPMENT
- \* PANEL OF EXAMINERS
- \* ANY OTHER ISSUE
- \* VOTE OF THANKS.

### MEMBERS :

Dr. Reeta Chouhan

*Reeta*  
9/7/19

Rev. Dr. Gr. Vazhan Arasu

*Gr. Vazhan*

Dr. Elena Philip

*Elena*  
9/7/19

Dr. Anthonima R. Robin

*Robin*  
9/7/19

Dr. Renu Marikande

*Renu*



# ST. ALOYSIUS' COLLEGE

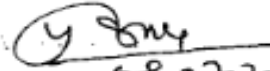
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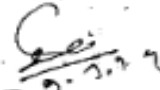
Prof. Prahlad Kumar

  
29.07.2019

Dr. Neeti Jain

ABSENT

Prof. S. K. Choubey

  
29.7.2019

Dr. A. K. Vishwas



Mr. Chitresh Pillai

ABSENT

## PRAYER:

The meeting of Board of Studies in Economics started with a prayer conducted by Dr. E. Philip and the Chair person of the Board has welcomed all the members.

## MINUTES OF THE LAST MEETING:

Dr. Renu Marwande read out the minutes of last BOS meeting. The minutes was proposed by Dr. Elena Philip and seconded by Dr. Anthoni-  
na 12. Robin.

## NEED ANALYSIS:

There was a discussion on the feedback given by students.



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academicians and industrialists on the present syllabus and on the basis of this topics were added in the undergraduate and post-graduate syllabus.

## DISCUSSION ON UNDERGRADUATE SYLLABUS:

After a fruitful discussion, the members agreed to include some currently relevant topics in the first year syllabus. Topics like Case study of different market situations, Skill India and Rural Non-agricultural Sector were added to enhance the employability and skill development.

## DISCUSSION ON POSTGRADUATE SYLLABUS:

The postgraduate CBCS syllabus was also modified and various topics were added. The topics added in the various semesters are as follows:

### \* MA-I Semester →

Paper-II (Macro Economic Analysis):

1. Monetary Policy Committee,
2. Measurement and trends of



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Unemployment in Indian Economy.

Paper - III (Quantitative Techniques):

1. Application of Minima and Maxima

Paper - IV (Economics of Growth & Development)

1. Concept of Inclusive growth.
2. Sustainable development.

\* MA - III Semester →

Paper - I (Public Economics):

1. GST in India
2. Fiscal Deficit and Deficit Financing
3. Concept of Financial Inclusion.

Paper - III (A) (Agricultural Economics):

1. Bhavantar and Minimum Support price

Paper - III (B) (Rural Development):

1. Co-operative Banks.

Paper - IV (Environmental Economics):

1. Sustainable Development
2. Earth Summit.

\* MA - IV Semester →

Paper - I (Indian Economy: Structure, problems and Policy)



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1. NITI Aayog - Constitution, Functions & Role in Indian Economy.

Paper - IV (Economics of Gender and Development)

1. Economic Status and Female work participation Rate in India
2. Female work participation in Agriculture and Non Agricultural Activities
3. Wage differentials in female activities.

During the discussion Dr. Prabhakar Kumar suggested to include "Business Law" paper in PG Open elective in future.

## DISCUSSION ON SKILL DEVELOPMENT:

As the academic session 2019-20 is declared as 'The year of Skill development', the members of Board of studies were informed about the departmental plan regarding the implementation of the same.

The activities to be undertaken included the organisation of workshop on SPSS, Entrepreneurship awareness workshop, C.V. preparation, industrial visits and field survey etc.



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Prof. S. K. Choubey suggested to start an Add-on course on 'Procedures of Financial Assistance' from various agencies. He also asked to invite Prof. Gupta to deliver a guest lecture on the same.

## PANNEL OF EXAMINERS:

The members of Board of Studies passed the pannel of Examiners for Undergraduate and Postgraduate courses. The list was updated as per recent changes.

## ANY OTHER ISSUE:

- \* Industrialist Dr. A. R. Vishwas agreed to organise industrial visits atleast twice a year.
- \* Prof. Prahlad Kumar suggested to explore some online courses for UG and PG levels.

## VOTE OF THANKS:

The meeting ended with the vote of thanks proposed by Dr. Reeta Chauhan and all the changes made in the syllabus has been passed.





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by all the members of Board  
of Studies.



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रानी दुर्गावती विश्वविद्यालय, जबलपुर(प्र.प्र.)  
(पूर्व नाम जबलपुर विश्वविद्यालय, जबलपुर)



क्रमांक/अका./2024/105

जबलपुर, दिनांक 22/3/2024

प्रति,

प्रधानार्थ,  
सेंट एलायसियस स्वशासी,  
महाविद्यालय, जबलपुर।

विषय :- साहित्य विषय में शोध केन्द्र की मान्यता वापस।

महोदय जी,

विद्यापरिषद् की स्थायी समिति की बैठक दिनांक 13/02/2024 निर्णयानुसार एवं कार्यपरिषद् की बैठक दिनांक 22/02/2024 के अनुमोदन पश्चात् आपके महाविद्यालय में साहित्य विषय में शोध केन्द्र की सम्बद्धता प्रदान करना मान्य किया गया है।

कुलसचिव,

रानी दुर्गावती विश्वविद्यालय, जबलपुर

जबलपुर, दिनांक 22/3/2024

प्रो क्रमांक/अका./2024/105

प्रतिलिपि सूचनार्थ -

1. कुलपति जी/कुलसचिव जी के सहायक, रानी दुर्गावती विश्वविद्यालय जबलपुर।

सहायक कुलसचिव(अकादमिक)  
रानी दुर्गावती विश्वविद्यालय, जबलपुर



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# Department Of Political Science



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Page No.	
Date:	

The Board of studies meeting was held on 13 July, 2019 in Department of Political Science at 12 Pm.

DR. TUHINA JOSHI

PROF. TRIPTI JOSHI

PROF. RAMSHANKAR

PROF. V.K. RAI

PROF. RASHMI MISHRA TONDON

DR. VISHWAS PATEL

DR. PRIYANKA SHARMA

FR. BEN ANTON ROSE

Tuhina

ABS

ABS

Rashmi

V. P. Patel

Priyanka

Ben

1. Opening Prayers
2. Minutes of last Meeting
3. Syllabus of PG
4. Syllabus of UG
5. Skill based Activities
6. Community based Project
7. Suggested list of Examiners
8. Vote of thanks

The meeting started with an opening prayer by Fr Ben Anton Rose. Dr. V. Patel welcomed all the members of the BOS and briefed them about the progress of the Department.

MINUTES OF LAST MEETING

Minutes of the last meeting was read out by Dr. Tuhina Joshi.

Teacher's Sign.



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Page No.	
Date	

## Syllabus of PG

The BOS discussed and approved the syllabus of PG Course in Political Science which is designed as per CBCS system, and also approved the papers of Political Science offered by the Department and As. Ramshankar reframed Unit II of M.A. III Paper IV Citizen and Civic Awareness. The Topics Voter ID Card, Pan Card, NCO, Self Help Group, MGNREGS focused on L.R.N.I needs and PES.

## Syllabus of UG

The Board discussed the syllabus of B.A. I, II and III Year. As. Vishwas Patel suggested to add a topic 'SECRETARIAT' in B.A. I Year Paper II Indian Government and Politics Unit III. which is approved by the Board and also approved the syllabus of II and III Year. The included topic focused on Employability.

## SKILL BASED ACTIVITIES

As the College declared this year, a year of Skill Development, the activities related to skills were discussed in the meeting. As. Rashmi Tondon suggested few activities i.e. Report on evaluation of Gram Panchayate, Observation of Important High Court hearings, Yearly main stories/clippings of the newspaper facts and opinion.

## COMMUNITY BASED PROJECTS

The Board also discussed the topics for projects which is based on local needs/Community. As. Ramshankar suggested the topics i.e. Panchayate-Aware about the Rights and Duties-functioning, feed back, RTI, Smart City-Evaluation, Human Rights,

Teacher's Sign



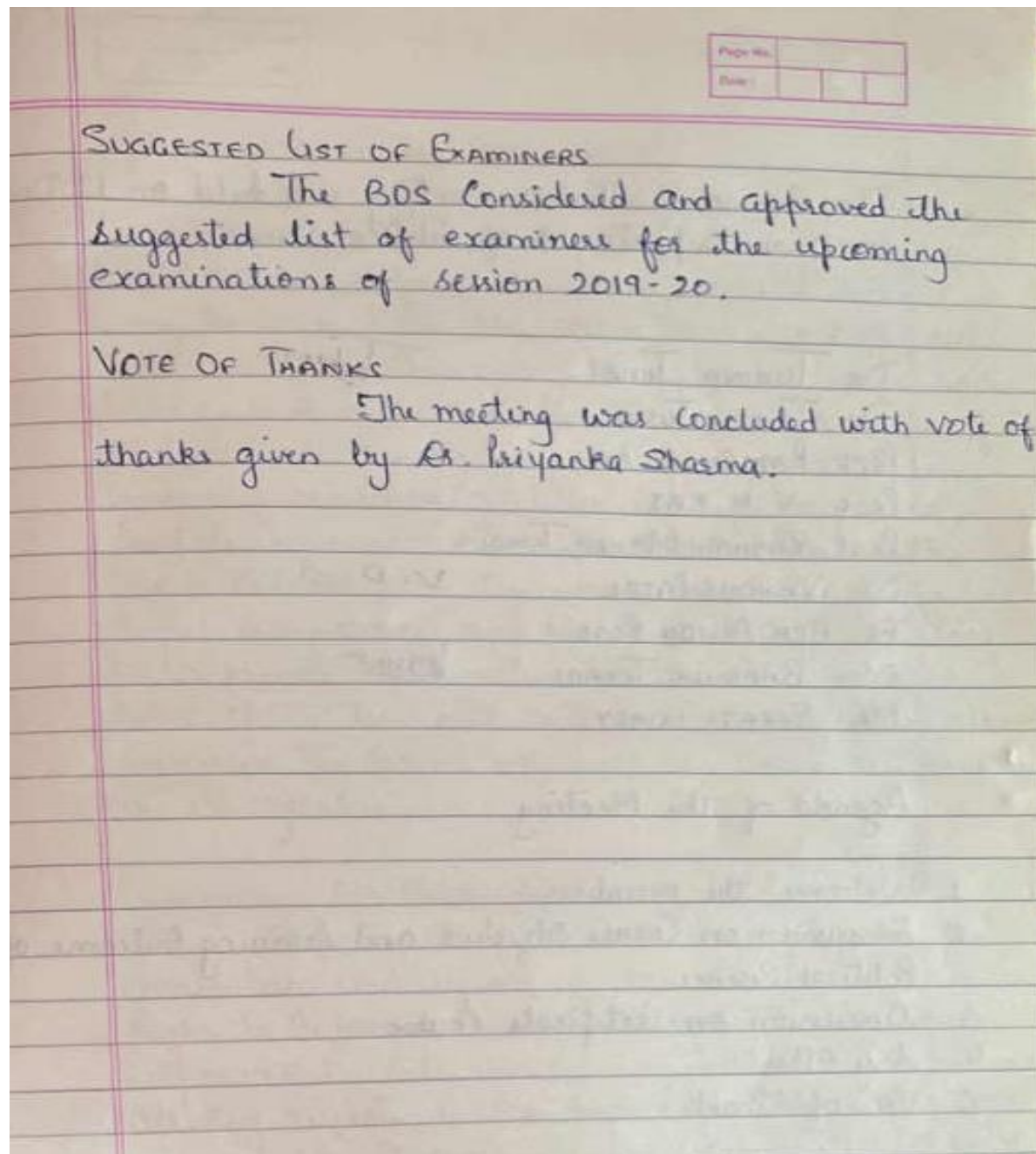
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# Department Of English



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2021 - 22

## Board of Studies Meeting

Date: 25/10/21

Day: Saturday

Time: 1.p.m onwards

Venue: Platform - Virtual via google meet.

### Board Members .

1. Prof. Sushoel Kumar Sharma - VIRTUAL
2. Dr. Ashok Sachdeva - ABSENT
3. Dr. GA Ghanshyam - ABSENT
4. Mr. Kevin Pereira - VIRTUAL
5. Mr. Poadeep Chadatha - VIRTUAL
6. Dr. Neelanjana Pathak - Neelanjana
7. Dr. Hiharika Singh - Hilar 25/10/21
8. Dr. Mary Raymer - Mary 25/10/21
9. Dr. Soma Guha Das - Soma 25/10/21
10. Ms. Neha Mahawar - Neha 25/10/21
11. Ms. Saumya Gupta - Saumya 30/10/21

### Agenda :

- Opening Prayer
- Minutes of BOS Previous Meeting
- Syllabus approval First year English literature Functional English and PC II - English language MA III Sem - American literature, Skill Development, PG First-year students .
- Report of Certificate Courses conducted .
- Vocational Courses .
- Suggestions for signatures on syllabi .
- Any other matter with permission of the chair .





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1. The meeting began with the welcome address of Dr. Neelanjana Pathak, Chairman, BOS. She welcomed the experts Prof. Susheel Kumar, Mr. Kevin Pereira and Mr. Pradeep Chaddha. She also introduced the two new members who joined the department i.e. Ms. Neha Mahawar and Ms. Saumya Gupta.
2. The opening prayer was said by Dr. Niharika Singh.
3. Dr. Manj Raymer read out the minutes of the previous BOS which was held on 11/12/20. The minutes were approved by Mr. Kevin Pereira and seconded by Mr. Pradeep Chaddha.
4. Then the approval for additions and suggestions in syllabus as per the NEP (New Education Policy) was discussed. Which was as follows:
  - a) BAI Drama (Major) → Unit I Nature, Scope and form (Drama)
  - b) BAI Functional English (Elective)
    - Unit III Interjection
    - Unit IV Grammatical Terminology
    - Unit V Common Errors in English (Grammatical)
  - c) I year FC-II English Language  
Unit I Child Bride by Rajni Khandelwal
  - c) MA III Sem Paper III (B) Core Elective, American



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Literature

Unit IV — The Family Reunion — T.S. Eliot

Unit V — The Assistant — Bernard Malamud.

03. Vocational Courses prepared by the department was approved.\*  
the Skill Development — 01 credit (15 hours)  
course on Spoken English was approved.

An open ended resolution was accepted on the H.O.D's request to accept the MPHE Vocational Courses without change as and when they are sent from Bhopal.

The evaluation pattern for all the subjects was approved.

5. Dr. Niharika Singh shared a report on the Certificate Courses conducted by the department.

5.1. Course name: Proficiency in English (26<sup>th</sup> August — 12 September 2020) — 30 hours — 02 credits  
Total participants — 57

Coordinator — Dr. Mary Raymer

Assisted by Ms. Meeta Agrawal

Resource Persons: Dr. Niharika Singh, Dr. Mary Raymer and Mr. Kevin Pereira (Guest speaker)

5.2. Course name: Spoken English (19<sup>th</sup> Nov — 19<sup>th</sup> Dec 2020)

Total participants: 125 — 30 hours — 02 Credits  
was run in two batches.

Coordinator — Dr. Mary Raymer

Assisted by Ms. Meeta Agrawal

Resource persons: ~~Dr.~~ Meeta Agrawal and Dr. Mary Raymer.

5.3. Course Name: Online Fast-Track Course in French (June 1 — 23, 2021).

Total participants registered: 37



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Total hours - 30 Credit 02.

Coordinator : Dr. Niharika Singh.

Resource Persons : Mrs. Sonal Chaturvedi and  
Ms. Harsha Chauhan.

5.4. Course name: "Towards Better Communication:  
Honoring LSRW skills in English" in collaboration  
with Indian Society for Promotion of English  
language and literature (ISPELL) (21<sup>st</sup> Sept-  
8<sup>th</sup> Oct 2021). Coordinator : Dr. SomaGuhra Das.

Registered Participants : 43.

Resource Persons : Dr. Ashok Sachdeva, Dr.  
G.A. Ghanshyam, Dr. Anupama Vohra, Dr.  
Kshamita Chaudhary.

This was highly appreciated by all the board  
experts. Mr. Pradeep Chaddha raised a  
query whether courses were open to all.

Dr. Neelanjana Patrak mentioned that the vocat-  
ional courses are whole sole for college  
regular students of college Aloysius. But  
the Certificate Courses are offered by  
the department and are for all.

Mr. Keuni Pereira also appreciated the  
efforts of the department for their deli-  
beration and efforts. Prof. Susheel Kumar  
also appreciated and stated that the  
department is doing a great deal more  
than the UTD department also does.

The vote of thanks was proposed  
by Ms. Neha Mahawar. followed  
by a group photo and the meeting  
concluded post that.



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\* Name of Vocational Courses prepared by the department.

1. Business English
2. Creative Writing
3. Specialist Vocational course on Theatre and Drama (Prof. Susheel Kumar had remarked that the infrastructure and facilities needed are much of a concern but if the institution provides the needful the course can be highly beneficial)

minutes

prepared by:

Mary 25/10/21.

Dr. Mary Raymer  
(Secretary BOS)

Approved by:

Neebanjana

Dr. Neebanjana Pathak  
(Chairman BOS)



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# Department Of Commerce



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## Board of Studies Meeting as on

19<sup>th</sup> January 2019 at 12:30 pm

Chairperson of BOS - Dr. Rupali Ahluwalia

1. Expert nominated by the vice  
Chancellor:

Prof. Manas Pandey

2. Two experts of the subject:

1. Dr. Vishal Mehta

2. Dr. Binoy Arickal

3. Industrial Representative:

Mr. Vishesh Nagden

ABSENT

4. Meritorious Alumnus:

Mr. Lokesh Bathija

  
19/01/19.

5. Chairperson

Dr. Rupali Ahluwalia

6. Member secretary

Dr. (Ms.) Hephzibah B. John



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## Faculty Members present:

1. Dr. Sonal Rai *Sonal*
2. Dr. Tarinder K. Kainth *Tarinder*
3. Dr. Sanjay Rajak *Sanjay*
4. Dr. Ashu Jain *Ashu*
5. Dr. Preeti Jain *Preeti*
6. Dr. Sunil Tiwari *Sunil*
7. Dr. Dileep. Koshta *Dileep*
8. Dr. Kudsliya Raza *Kudsliya*
9. Mr. Harbakhsh Moolchandani *Harbakhsh*
10. Mr. Yogesh Ashar *Yogesh*
11. Dr. Nidhi Khurana *Nidhi*
14. Mrs. Komal Rawat *Komal*
15. Ms. Nikita Shukla *Nikita*
16. Mrs. Meekakshi Suany *Meekakshi*
17. Dr. Sonali Jain *Sonali*
18. Dr. Vandee Melita *Vandee*
19. Dr. Sarita Goel *Sarita*
20. Mrs. Rajni Agrawal *Rajni*
21. Ms. Pooja Gupta *Pooja*

## Agenda of the Meeting:

- \* Opening Prayer.
- \* Welcome and introduction of new members.
- \* Presentation of previous minutes.
- \* Discussion on UG syllabus (Annual System).
- \* Approval of Accounting Group - Indirect Tax (GST) syllabus of VI semester for 2019



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- \* Intimation of approval from Higher Education and Parent University for M.Com Final
- \* Approval of M.Com III & IV Semester Syllabus
- \* Discussion on Add-On Courses
- \* Any other agenda (with the permission of chair)
- \* Vote of Thanks.

## Minutes of the meeting:

- A meeting of the Board of Studies of Faculty of Commerce was held on 18<sup>th</sup> January 2019 at 12:30 pm in the conference room. The meeting started with a prayer by Dr. Sonal Rai. The chairperson Dr. Rupali Ahirwaria welcomed the members of the newly constituted Board of Studies and the minutes of the previous meeting were presented by the secretary Dr. Hephzibah B. John which was approved by ~~the~~ Dr. Ashu Jain and second by Dr. Sonal Rai.
- Discussion on UG Syllabus (Annual Pattern - First) on the agenda, was discussion on B.Com 1<sup>st</sup> year syllabus of Annual Pattern. The following topics were proposed to be introduced to enhance the knowledge





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of the students according to the curricular updates in the field of Commerce and Accounting. In the paper of Financial Accounting the component of 'International Financial Reporting Standards' (IFRS) basis is proposed to make the students aware of the latest changes brought about in the accounting standards. Similarly, in the paper of Business Law it was proposed to incorporate 'Limited Liability Partnership, Introduction and Process of Incorporation, Competition Act 2002, its Introduction features duties and the Authorities of Competition Council of India, for the students to attain knowledge as per the recent updates in the Competition Act 2002. The points were approved by the members.

Next on the agenda was the syllabus of B.Com 2<sup>nd</sup> year in which the following updates were given. In the paper of Cost Accounting, the topic 'types of cost' was introduced to impart skill of different costing areas, and provide practical knowledge 'case study on trend analysis of profit and cost of living index' in the locality was proposed.

To enable skill based training, Case study of companies and Professional Ethics of Directors was introduced in the paper of Indian Companies Act and Role of bank.



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financing in foreign Trade and Mobile banking and applications' in the paper of Banking and Insurance. To develop employment proficiency the topic, 'Introduction of Human Resource Management' was proposed to be included in the paper of Principles of Management.

— In B.Com (Hon) 2nd year updation and enhancement in the syllabi was done to support advance knowledge. To develop skills while learning, in the paper of Corporate Accounting, the component of 'Accounting of Public Utility Companies', in Marketing Management the topics 'Out of Store Retailing: Buy by Wire, Customer Relationship Management and Loyalty Program' and in Financial Management 'Working Capital Management' were discussed upon and added.

To impart practical knowledge 'Case Studies on Local Bodies and their Financial Responsibility' is incorporated in the paper of Public Finance, so that the students are able to study about the financial status of the local bodies. To provide practical applicability of theoretical knowledge, introduction of 'Use of Statistical Tools in Research and Utility of Correlation in Profitability of Companies' was incorporated to make students aware of analysing the data available or collected.



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through case studies conducted.

The above changes were approved by the members.

Approval of B.Com and B.Com (Honours) 3<sup>rd</sup> year syllabus: The third year in Annual System will be implemented from July 2019 for which the following subjects and papers are been presented. B.Com 3<sup>rd</sup> year

• Accounting Group:

Paper I - Direct Tax: Income Tax law and Practice

Paper II - Indirect Tax: Goods and Services Tax.

• Management Group:

Paper I - Management Accounting

Paper II - Auditing

• Applied Economics Group:

Group (A) - Paper I - Public Finance

Paper II - Financial Management

Group (B) - Paper I - Principles of Marketing

Paper II - International Marketing

• Tax Procedure and Practice Group:

Paper I - Tax Planning and Management

Paper II - "As per the Higher Education Guidelines"

The members agreed upon the proposed syllabi and approved it. Internship and projects would be undertaken as per the Higher Education guidelines B.Com (Honours) 3<sup>rd</sup> year.

Accounting Group:

Paper I - Management and Cost Accounting



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Paper II - Income Tax Law and Practice

Management Group:

Paper I - Human Resource Management

Paper II - Research Methodology

Applied Economics Group:

Paper I - Banking Law and Practice

Paper II - Indirect Tax: Goods and Services Tax

Practical - Project Report & Viva Voce (50 marks)

The members agreed on the proposed syllabus and approved it.

Approval of Accounting Group - Indirect Tax

(Goods and Services Tax) syllabus of B.Com VI

Semester 2018-19: As the structure of Indirect

Tax in India has been revamped from a

multiple tax system to a single tax system.

Although most of the institutions are following

the old Indirect Tax paper, it was

proposed by all stakeholders, in their feedback

on curriculum to replace the previous

syllabus and apply the new syllabi of GST

in the Accounting Group Paper: Indirect

Tax: Goods and Services Tax in the VI

Semester. The Board approved the proposed

change in the syllabus for 2018-19.

Approval of M. Com III & IV Semester syllabus:

Next on agenda was the discussion on PG

Course M. Com. The chairperson intimated the

members that the institution has received



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The approval of continuing the final year of PG course M.com. The members congratulated the institution for the same. With the approval of the final year in M.com the proposed syllabus was presented to the members.

## Semester III

Compulsory Papers:-

Paper CC:301 - Advance Income Tax

Paper CC:302 - Business Environment

Paper CC:303 - Entrepreneurship, Innovations and startups.

## Core Electives:-

A] Finance Group → FE:05 Portfolio Management

B] Marketing Group → ME:05 Service Marketing Management

Open Elective OR:02 Human Resource Management

The members approved the syllabus.

## Semester IV

Compulsory Papers:-

Paper CC:401 Indirect Tax: Goods & Services Tax

Paper CC:402 Research Methodology.

Dissertation and Viva Voce.

Core Electives

A] Finance Group FE:06 International Financial Management.

B] Marketing Group ME:06 International Marketing.

Open Elective OR:06 Human Resource Development.



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The syllabi of these papers were approved by the members

As per Choice Based Credit System (CBCS), in the III & IV Semester there are interdisciplinary open electives that the student can opt for. The BOS members were intimated about the open electives

## Semester III

OE:01 - Citizen and Civic Awareness (Department of Political Science)

OE:03 - Web designing and Networking (Department of Computer Science and Application)

OE:04 - Fundamentals of Communication (Department of English)

## Semester IV

OE:05 - Human Rights (Department of Political Science)

OE:07 - Management Information System and E-commerce (Department of Computer Science and Application)

OE:08 - Trends and Techniques of Effective Communication (Department of English)

- Discussion on Add-on Courses: The chairperson presented the Add-on Courses which are conducted by the department before the new council. The courses were 'Goods and Services Tax Return Filing', 'Income Tax Return', and 'Computerised Accounting and Management with GST Tally'. These



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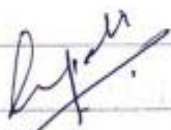
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courses would help to enhance skill and employability of students. The member's opinion was sought on other areas where add-on courses could be beneficial for the students.

• Lastly, the list of examiners for paper setting and valuation was approved by the BOS. The vote of thanks was proposed by Dr. Tarrinder Kaur Kainth.

  
Dr. Rupali Ahluwalia  
(Chairperson)

  
Dr. Hephzibah John  
(Secretary)



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## Minutes of Board of Studies meeting

**BOS 2021-22**





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# Department Of Chemistry



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## BOARD OF STUDIES MEETING Department of Chemistry

The 15<sup>th</sup> BOS meeting was held  
on 28/10/21 in virtual mode <sup>from</sup> 1:30 pm  
to 2:15 pm  
Members present during the  
meeting

1. Dr. I.P. Tripathi
2. Dr. Ratnesh Das
3. Dr. Alka Tiwari
4. Mr. Mayank Verma
5. Mr. Pankaj Maheswari
6. Dr. Anjali Dsouza *Anjali*
7. Dr. Smanka Lawrence *Smanka*
8. Dr. Lalapa Roy *Lalapa*
9. Dr. Shweta Ukhitkar *Shweta*
10. Dr. Anula Chhatni *Anula*
11. Dr. Manju Gupta *Manju*  
Teacher's Sign.



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Agenda of the meeting was as follows

1. Opening Prayer
2. Syllabus of B.Sc I year According to NEP
3. Certificate Courses
4. Closing prayer
5. Vote of thanks

1. Opening prayer - The meeting started with a word of prayer by Dr. Sulekha Ray.

2. Minutes of last meeting - Dr. Manjiv Gupta read the minutes of last meeting held on 12/12/20.

3. Syllabus of B.Sc I year according to NEP

The NEP syllabus was discussed in front of the members. Dr. I.P. Tripathi and Dr. Satish Das said that the syllabus forwarded by MP Higher Education has to be followed without any corrections.

All the members agreed to it

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The syllabus of B.Sc II year and III year would be followed as per MP higher education. It was discussed and passed in the last meeting.

HOD also informed the members that at M.Sc - CBCS syllabus is followed. It was also discussed and passed in last meeting.

## 4. Certificate Courses

The department had proposed 3 certificate courses in the last meeting

a) Chemistry of food - Analysis and Estimation

b) Chemistry in every day life

c) Instrumentation techniques and Analytical techniques

The HOD informed all the members that all these courses would be conducted in the next session.

She also informed that different activities under Star College Scheme would also be conducted.

Teacher's Sign.



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## 5. Vote of thanks

The meeting ended with a word of gratitude by Dr. Smarika Lawrence

## 6. Closing prayer

The concluding prayer was said by Dr. Shweta Ukliktar

The department is grateful to Principal, Vice Principal and Management for all the support provided. ✓



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# Department Of Botany and Microbiology



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Minutes of the meeting of Board of Studies for B.Sc. I year - Botany, Industrial Microbiology and Environment Education.

Date: 27 October 2021      Time: 11:30 AM to 03:00 PM

Day: Wednesday

Members of Board of Studies

Chairperson: Dr. Sonali Nigam

Academic Council Nominee

Prof. Anun Pandey

Prof. Ragini Gothalwal

Vice Chancellor Nominee

Prof. P. K. Khare

Industrial Representative

Mr. S. K. Shrivastava

Faculty Members

Dr. Shikha Bansal



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Dr. Lemina Sobin  
Dr. Mamta Gokhale  
Mrs. Rashmi Choubey  
Dr. Durga Ray



P. G. Meritorious Alumnus

Monica Saini

## Agenda for the Meeting

- i) Opening prayer
- ii) Introduction of the Board Members
- iii) Discussion on NEP Syllabi approval
- iv) Approval of vocational courses
- v) Any other matter
- vi) Vote of thanks
- vii) Concluding prayer

## Proceedings of the Meeting

- i) Opening prayer: The meeting commenced with an opening prayer by Dr. Lemina Sobin.
- ii) Introduction of the Board members:  
The Chairperson Dr. Sonali Nigam welcomed all the Board members and experts. She then introduced the Board members to the experts.





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iii) Discussion on syllabi approval: The syllabus of B.Sc. I year Industrial Microbiology (Major and Minor), Botany (Minor) and Environmental studies of B.Sc. I year formed by the departmental members was presented to all the experts of BOS; as per NEP norms. After a thorough discussion, accordingly all the experts came up with their suggestions during the discussion. Following topics were added in the syllabus of

- B.Sc. I year Industrial Microbiology Minor: Fundamentals of Industrial Microbiology - As per the current need of COVID-19 tests and vaccines in India we added the topic 'fundamentals of rDNA technology' the topic is also related to the first unit in which it was included.
- B.Sc. I year Industrial Microbiology Major: Tools and Techniques in Industrial Microbiology - Looking into the global needs topic added was 'a practical to study effectiveness of different sanitizers.'
- B.Sc. I year Botany Minor: Basic Botany - To address the locally available plants and to differentiate foliage diversity of the trees the topic included was 'Survey and identification of foliage of local trees.' This topic was included



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as a practical.

The second paper of foundation Course: Environmental Studies was also presented in the meeting.

These syllabus of B.Sc. I year, Industrial Microbiology, Botany and Environmental studies were unanimously approved by the members.

## iv) Approval of Vocational Courses

The syllabus of vocational courses of Medicinal Plants and Horticulture framed by the departmental members were presented in the meeting. After a thorough discussion the members approved the syllabus unanimously.

## v) Any other matter

Examiner's Panel - The list of examiners was prepared with addition of few names and was approved by the experts of the BOS.

## vi) Vote of thanks

Dr. Jerali Nigam proposed vote of thanks.

## vii) Concluding Prayer

Mrs. Roshni Choubey conducted



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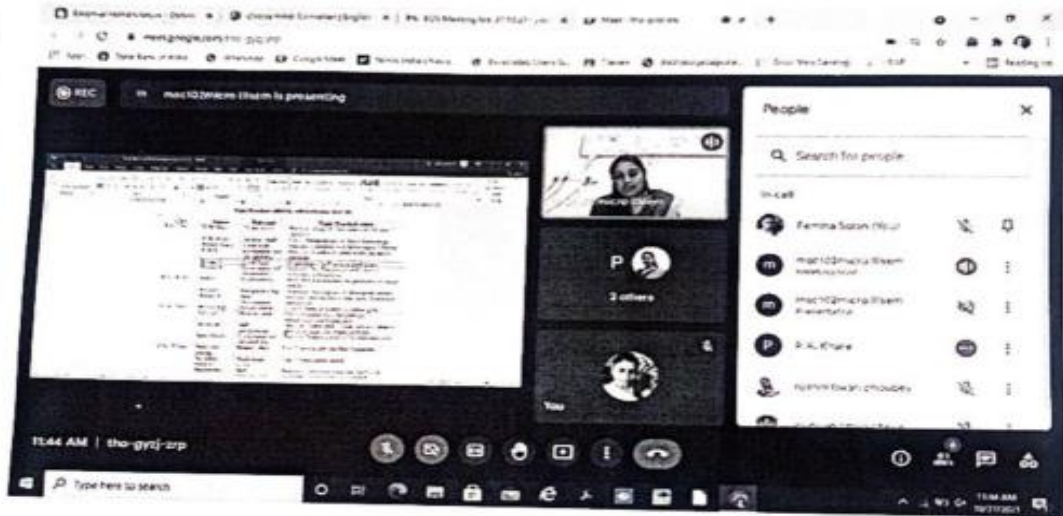
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*the concluding prayer*





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# Department Of Zoology



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BOS - 2021-22

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## Zoology

Minutes of the online Board of Studies meeting held on 27/10/2021

Time - 3:00 PM onwards

Date - 27 October 2021

Mode - Google meet (online)

## Agenda

1. opening prayer
2. welcome and Introduction of the Experts
3. Discussion on the syllabi of Zoology in BSc 1<sup>st</sup> year as obtained from the department of higher education NEP 2020. Some addition of some relevant topics (20% addition allowed under academic autonomy)
4. Zoology Major Paper one & two
5. Zoology minor/Elective Syllabus
6. Apiculture (Open Elective)
7. Human Diseases (Open Elective)
8. Vermicomposting (Vocational Courses)
9. Discussion on Postcut & Internship.



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- 27/10/2021
- following members attended the meeting.
1. Chairperson / HOD  
Dr. Priyanka Singh P.S.  
27/10/21
  2. Internal members / Faculty
    1. Dr. Ruma Paul Ruma  
27/10/21
    2. Dr. Jaysankar Gautam J.G.  
27.10.2021
    3. Dr. Manju Dixit M.D.  
27/10/21
    4. Dr. Megha Tiwari
  3. one Expert nominated by the Vice Chancellor  
Dr. Ruchira Chandelkary - Online Present  
Professor Department of Biotechnology  
Grant Institute for Excellence in higher education  
Bhopal.
  4. Experts from outside of the college.
    1. Dr. Suchita Banerjee - Online Present  
Ret. Professor of Biotechnology  
Institute for Excellence in  
higher Education, Bhopal.
    2. Dr. Sumita Singh - Online Present  
Professor Department of Zoology.  
Grant for Girls Autonomous College Sagar.



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## Discussion on the Agenda

Bos meeting for the session 2021-22 for Bsc first year NEP 2020 started with the prayer to Almighty god to shower his blessing on the students and staff of the St. Aloysius college, Jabalpur.

Subject Expert Dr. Ruchira Chaudhary, Suchita Barminge and Dr. Sunita Singh welcomed by departmental members.

Following relevant changes and modifications which were done in the Bsc I<sup>st</sup> year syllabus in view of criteria one skill development and and entrepreneurship among the students are as follows

### Bsc First year

#### Major Zoology paper - I (Animal Diversity: Nonchordata)

- Unit 1 - Topic Protozoa and Disease Specified with Amoebiasis, Trypanosomiasis, Leishmaniasis & Trichomoniasis EMP, Global Level
- unit-2. morphology, Reproduction and Development was specified of Sycon. EMP Larval form of bivalve, fluke was specified.
- Unit-3 Ascariasis, Trichuriasis, Enterobiasis, Filariasis & Trichinosis were specified Global, Local
- unit-4. Nauplius, Zoea, megalopa & mysis larva were specified. Insect vector also specified.



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## Mosar Practical.

1. Mouth parts of Cockroach/mosquitoes was specified. EMP, SD, Local Level
2. Two parasite were added Fasciola hepatica / Taenia solium. (Local, Global, EMP)
3. Insect vector of human disease - Culex, Aedes, Tsetse. (L, N, R, Global)

Zoology Major Paper two / Elective / Minor  
- Cell Biology, Reproductive Biology & Developmental Biology

Unit:3 MOET - Multiple ovulation Embryo transfer was added. EMP, Global level

Zoology Major Paper Practical / Elective / Minor

## Under DBT STAR Scheme

- ① Study of polytene chromosome under phase contrast microscope. SD, EMP
- ② Malaria Antibody Test using ELISA Reader. SD, Global, Local, National
- ③ Calculation of phase Percentage of stages of meiotic cell division under phase contrast microscope. (SD, EMP, Global)
- ④ Sperm Morphology. (SD, Global, Local)
- ⑤ Study of polytene chromosome under phase contrast Apiculture - (Open Elective) SD, m.s., Global.

Global.  
EMP

NO changes.  
Human Diseases. (open Elective)

EMP

NO changes  
Vocational course Vermi Composting

EMP  
National





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Meeting Ended with suggestions given by the Expert on the modified topics of paper one, two and practicals. Discussion was done on projects & Internship. They suggested many institutes for internship and field visits.

~~Prof~~ 30/10/21  
(Dr. Priyanka Senha)  
Chairperson of BOS Committee

Interhal Faculty Members

~~Runa~~  
Dr. Runa Paul

~~Daya~~  
Dr. Daya Shankar  
Gautam

~~Manjiv~~  
Dr. Manjiv Dixit

~~Miwari~~  
Dr. Megha Tiwari



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# Department Of Physics



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The meeting of Board of Studies in Physics, (St. Aloysius College, Jabalpur) was held on 30.10.2021 from 1.00 pm onwards.

Agenda of the meeting -

- > Discussion on previous meeting points
- > Discussion and designing of syllabus on the basis of NEP
- > Approval of Paper Setter/Examiners followed by concluding prayer and vote of Thanks.

Following members were present in the meeting -

Chairman - Dr. Pramod Chaitany

Secretary - Dr. Deepti S. Deshpande

Faculty Members -

Dr. K. Das

Dr. Nisha Pandey

Dr. Poonam Pendke

Dr. Vandana Salanki

N.C Nominee - Dr. H. S. Tiwari

College Alumni - Prof. J. M. Keller

Sub. Expert - Prof. L. Pandey

Prof. R. Bajpai

Industrialist - Mr. Kailash Dhupar

The meeting started with the

Teacher's Sign.



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opening prayer and by welcoming all the B.S.C members.

) The meeting started with the introduction of new faculty member Dr. Vandana. She was formally introduced and welcomed.

) Minutes of the previous meeting were read and approved.

) To design the new syllabus on the basis of NEP, all the faculty members of the department explored the existing syllabus of various Central Universities, UGC Model Syllabus, M.P. Higher Education syllabus and also a written/verbal feedback on the syllabus existing earlier was taken by our Ex-students and alumni.

In Paper-I of B.Sc I year, a new topic 'Diesel Cycle' was added. In Paper-II, a new statement was introduced in Unit II stating 'Variable Mass Problem'. In



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In this context an additional topic 'Conveyer Hopper Problem' was introduced.

- > On a personal query of Prof. R. Bajpai, it was made clear by Dr. Pramod that it is the subject which is major and not the paper.
- > It was suggested by Prof. L. Pandey that assignments on error analysis should be given to students for practice.
- > In the discussion of open elective paper titled - 'Renewable Energy Sources' was observed by Prof. H. S. Tiwari to be technologically different and vast. He also stated that the teacher teaching this paper should be given the paper setting and evaluation.
- > Syllabus for the Vocational courses titled 'Electrical Technology' and 'Electronic Technology' is being designed by the department and shall be soon approved by BOS and then offered to the students.

Teacher's Sign.



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- > It was suggested by the members that for the study material of Elective and vocational courses help can be taken by 'SYAYAM' and other such online platforms.
- > It was generally observed by the Board members that the experiments on Heat & Thermodynamics are time consuming and the total number of experiments from both the papers of B.Sc. I year were too many in number. It was unanimously decided that the number of experiments to be performed by the students should be slightly curtailed, but not less than 10 experiments in each paper.
- > On the suggestion of Dr. Phaniad, it was felt that 10 marks in each paper should be numerical/conceptual basis. It was pointed by Dr. K. Das that it should be made clear to the paper setter through clear examples.



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- > Prof. L. Pandey pointed out that internship should be taken up by students in nearby factories, workshop and institutes of higher learning where quality instrumentation is available.
- > Prof. Kellel suggested that internships could be taken up by students where city scans, MRI and Radiotherapy is available.
- > To attract school students to opt Physics as the major subject, it was suggested by Prof. L. Pandey, that 'Open House' could be conducted in the college campus, where they can visit various facilities available.
- > The existing list of examiners was updated.
- > The meeting ended by concluding prayer & vote of thanks.

Teacher's Sign.  
Chairman  
Dr. Pramod Chaitanya



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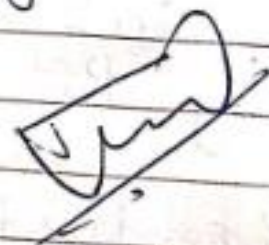
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Topics like conveyor belt hopper, heat engine etc. are fulfill the local and regional needs.

Topics like Entropy and heat death of universe, holography etc are fulfill the national & international needs.

Under cross cutting issues, the course addressing issues relevant to professional ethics is lab courses [in lab we trained students to take observation ~~has~~ without any manipulation.

Topics like photo sensor, phototransistor etc improve the employability & skills of students.







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# Department Of Biotechnology



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## Minutes of BOS

A) BOS meeting is held on 29/10/2021 (Friday) over google meet due to COVID-19 pandemic

B) The meeting started with a welcome speech from the HoD, Dr. Laxmi Kant Pandey.

C) Following members were present

1. Dr. Laxmi Kant Pandey (Chairman)
2. Dr. S.N. Baghel
3. Dr. Atul Pateriya
4. Ms. Vijaya Chatterjee
5. Mr. Nitin Swamy
6. Mr. Enosh Phillips
7. Dr. Lovely Mahawar
8. Dr. Rumana Faraz

*[Signature]*  
29/10/21

*[Signature]*

*[Signature]*

D) Agenda of the meet

1. Discussion and approval of B.Sc I<sup>st</sup> year syllabus given by higher education under NEP
2. Approval of the list of Examiners for the subject of Biotechnology.
3. Any other matter with the permission of the Chairman.

E) Points of discussion in according to the agenda

1. A thorough discussion took place and following suggestions were made by the panel members

1/1 Suggestions made for B.Sc. I Year – As the syllabus for new education policy has not yet taught in class it was suggested to get valuable feedbacks from the stake holders and make changes accordingly in coming academic year.

1/2 B.Sc. II Year – No changes were suggested.

1/3 B.Sc. III Year – No changes were suggested

1/3.1 Paper II – Following topics are removed

4. Chairman informed the names of new examinees added to the examiners list.

4/1 Dr. S. N Bagchi asked to update the address of certain examiners and also to remove few retired examiners from the list.

The meeting ended with the words of appreciation by the chairman.



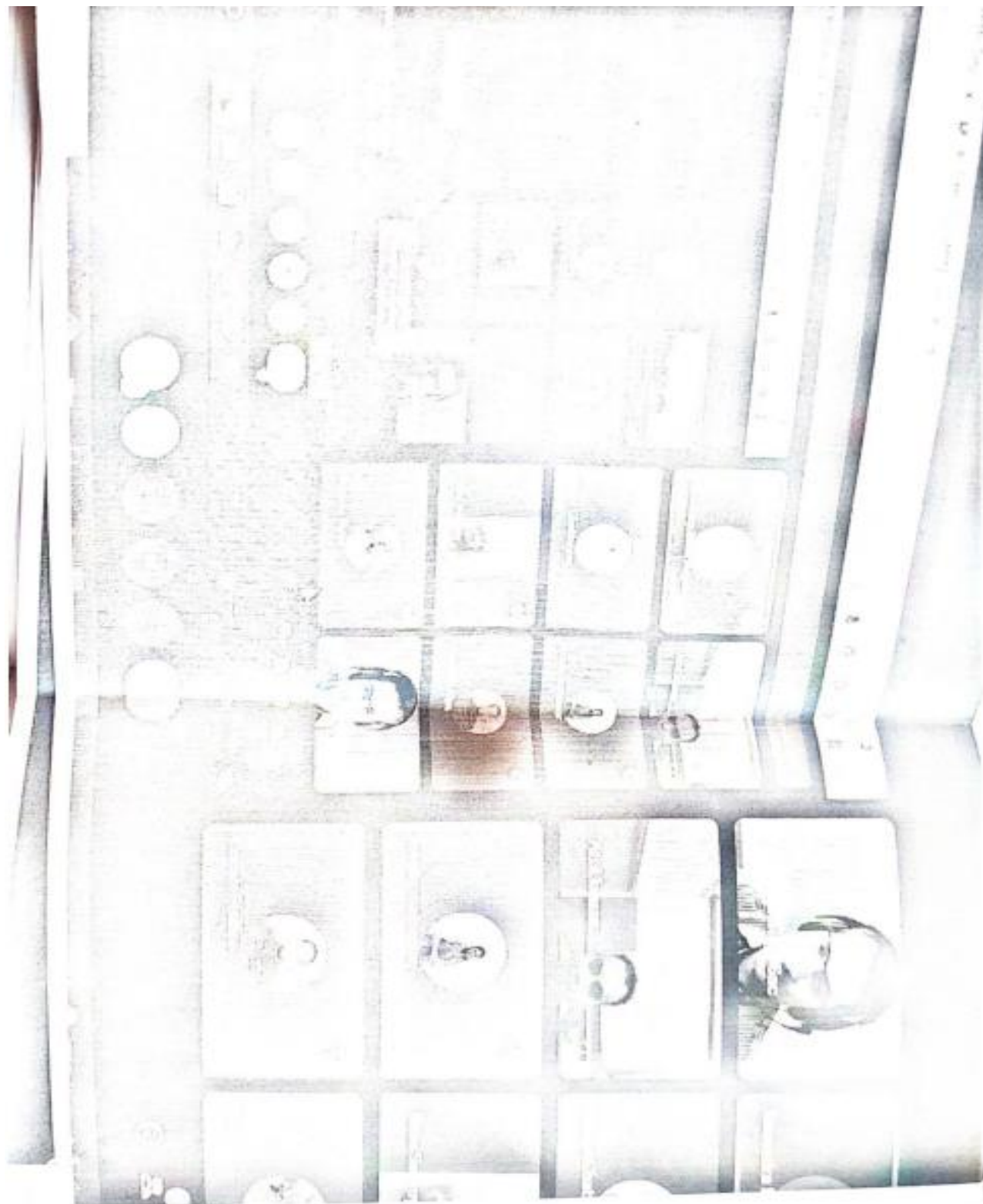
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# Department Of Mathematics



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The Board of Studies in Mathematics for the session 2021-22 (odd semester) was held on 29-10-21 from 11:30 AM. The following members were present:

1. Dr. Maulina Kor (Chairman BOS) *Maulina*
2. Dr. Meeta Darbani (Member) *Meeta*
3. Dr. Akhilesh Pathak (Member) *Akhilesh*
4. Dr. Pratibha Ricchanija (Member) *Pratibha*
5. Dr. Archana Pansari (Member) *Archana*
6. Mr. Satyendra Jain (Member) *Satyendra*
7. Prof. V.K. Upadhyay (VC-Nominee)
8. Prof. Mridula Dubey (AC-Nominee) *M.Dubey*

Prof. S.S. Rana (AC-Nominee), Mr. Manish Agarwal (Administrative) and Dr. Anita Banerjee (Ex-student) were not present for the meeting.

The agenda was:

- 1) Review of the existing scheme and syllabi of UG (II<sup>nd</sup> and III<sup>rd</sup> yr)
- 2) Review and implementation of NEP syllabus of UG (I<sup>st</sup> year)
- 3) New certificate courses
- 4) Review of existing scheme and syllabi of PG (M.Sc I, II, III & IV semester)
- 5) Any other with the permission of the chair

The meeting started with a condolence prayer by Prof. S.S. Rana who left for his heavenly abode.

Teacher's sign



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1) The existing scheme and syllabi of UG level (III<sup>rd</sup> year) was reviewed. It is noted that there is a change in the syllabus of B.Sc III Maths Paper II 'Real and Complex Analysis' by MP Higher Education. The syllabus was approved and course Objective and course Learning Outcomes framed were also approved. The other two papers of B.Sc III & three papers of B.Sc II remain same as in the previous sems.

2) As accordance with the scheme of NEP, syllabi of B.Sc I was discussed. The syllabi of Major Paper (IT & 2T) Minor Paper (1T) and Elective Paper Mathematical Logic and Sets was approved with respective Course Learning Outcomes. There is an addition in Major Paper (IT), Unit II to enhance the skill of students. The topic is 'Congruence Modula and its Applications'.

CCE will be of 30 marks comprising of 3 class tests & 1 assignment each of 10 marks (Best 3 of 4). As part of External Assessment 5 Very Short Questions of 2 marks each (2x5), 5 Short Questions (200 words) of 4 marks each (4x5), 5 Long Questions (500 words) of 8 marks each (8x5) was approved. Total External marks - 70 marks.

3) Two New certificate course "Vedic Mathematics" and "Basics of Mathematics for computation" were approved. These certificate course are of 3 modules each.



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## ST. ALOYSIUS COLLEGE(AUTO), JABALPUR

### DEPARTMENT OF MATHEMATICS

#### BOS





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30 contact hours.

- 4) Review of PG syllabi and CLO of each paper was done. Remain the same as before. The change in the scheme put up in the previous BOS meeting was open in the meeting for review. After a long discussion no changes were made. The existing scheme continues.
- 5) Dr. Darbani proposed EVV/Project work/Internship <sup>Part B Sem.</sup>
- 6) Internship/Project of BScI was also taken up and discussed.

The meeting ended at 2 PM.

Secretary (BOS)

(Dr. Akhilesh Pathale)

Chairman (BOS)

(Dr. Maulina Kar)  
(Head, Dept. of Maths)





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# Department Of Computer science



# ST. ALOYSIUS' COLLEGE

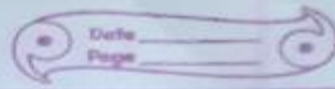
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Department of



Computer Science &  
Application

Online BOS Meeting 2021-22

Date :- 30/10/2021

Time :- 11:00 am

## Agenda

1. Prayer by Mr. Surajit Joshi
2. Welcoming the guests by Dr. Sibi Samuel.
3. Approval of minutes by Ms. Prabhjyoti Kam Nayal.
4. Review of syllabus (Curriculum updates)
  - a) BSc, BA, BCA, BCom (CS/CA)
  - b) Courses for open electives & vocational courses under NEP Scheme.
5. Other certificate & Diploma courses.
6. Expert-Comments.
7. Approval of Examiners Panel.

The meeting of the BOS was held on 30th October 2021 at 11:00 am through Online mode.



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Following members were present

Mrs. Siby Samuel.  
Mrs. Kuthy Cupta  
Ms. Prabhjyot Kaur  
Mr. J. Rajeshwar Rao.  
Mr. Ankit Kumar Duley.  
Mr. Amit Kumar Yadav  
Ms. Mala Das.  
Ms. Shradha Soni.  
Mrs. Saroj Janghane  
Mr. Praveen Lonze  
Ms. Anifa Anjum.  
Mr. Suresh Jais  
Ms. Anjali Jagwari.  
Mr. Jitesh Jain.

Two Subject Expert

Mr. Mohammad Abulain  
Dr. Abhishek Shrivastava

One expert nominated  
Dr. Suman Upadhyay

Industry representative  
Mr. Shishu Jain.

Post graduate Alumnus  
Col. Vineet Daniel



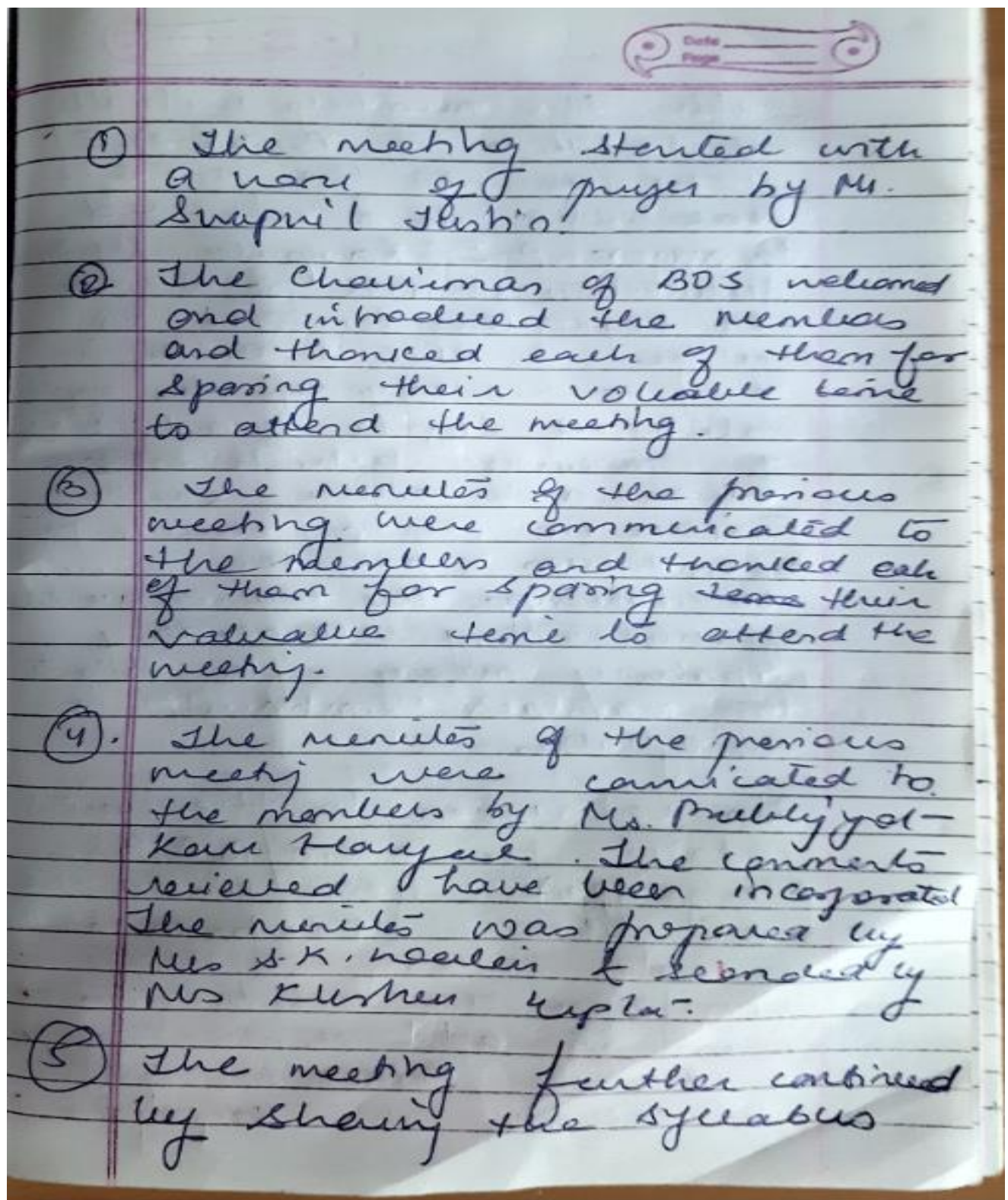
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with the members initially the syllabus of B.Sc (cs) I year as per the NEP scheme was shared & discussed.

In major P-I: Computer System Architecture it was proposed to add sequential circuit in unit-I & RISC & CISC in IV for understanding the application of logics & advantages of processor which enhance the architecture skills.

Further in Minor / elective part the members made the direction to restructure the third module of unit-II by incorporating initially away after discussion to maintain continuity in the syllabus.

In continuation to the curriculum updates for B.Com / B.A / B.Sc (Comp App) I year under the NEP scheme the paper introduced is Data Processing Software in this paper the recommendation was to add comp-reference, bootcamps, Nano & hyperlinking to enhance the employability.



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## Skills in Computer Operator.

Moving ahead the syllabus for BSc (CS) III year P-I Web Application Development using PHP was shared with the members in which a small recommendation was made to add SQL programming DDL, DCL, DML based queries in a syllabus to give better understanding of queries in transaction processing which will enhance the employability skills.

The meeting continued with the discussion on open elective papers introduced by NEP. Out of the entire list, the papers opted by the department are Computer fundamentals, MS-Office, Multimedia & Animation & Data Visualization or using Spreadsheet, which helps in create a spreadsheet for displaying a madhya Pradesh crop <sup>name</sup> and its production satisfies the local needs. Similarly under NEP new syllabus scheme for vocational courses are also introduced.



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The department proposes to choose Digital Marketing, Web Designing & Desktop Publishing course. The discussion continues that as per the current digital market-trends and demands of the student it was proposed to add blog designing & search engine optimization in the practical list of digital marketing.

The above proposed recommendations were accepted and approved by BOS members.

In continuation to this the Chairman further highlighted the value added courses run by the department:

- 2-yr B.A. in Computer Operator, Certificate in Computer Operator, Certificate in Graphic Designing & Animation, Basis of Python & Red Hat Server Administration.



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The examinis panel was presented with addition of new members in the panel for appraisal. The committee approved for the same and further authorized the chairperson to incorporate new members in the examinis panel.

Meeting was concluded by the vote of thanks given by Mrs Shradha Soni for their cooperation & suggestions for the uplftment of the syllabus.





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# Department Of English



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2021 - 22

## Board of Studies Meeting

Date: 25/10/21  
Day: Saturday  
Time: 1.p.m onwards  
Venue: Platform - Virtual via google meet.

### Board Members .

1. Prof. Sushoel Kumar Sharma - VIRTUAL
2. Dr. Ashok Sachdeva - ABSENT
3. Dr. GA Ghanshyam - ABSENT
4. Mr. Kevin Pereira - VIRTUAL
5. Mr. Poadeep Chadatha - VIRTUAL
6. Dr. Neelanjana Pathak - Neelanjana
7. Dr. Hiharika Singh - Hiharika 25/10/21
8. Dr. Mary Raymer - Mary 25/10/21
9. Dr. Soma Guha Das - Soma 25/10/21
10. Ms. Neha Mahawar - Neha 25/10/21
11. Ms. Saumya Gupta - Saumya 30/10/21

### Agenda :

- Opening Prayer
- Minutes of BOS Previous Meeting
- Syllabus approval First year English literature Functional English and FC II - English language MA III Sem - American literature, Skill Development, PG First-year students .
- Report of Certificate Courses conducted .
- Vocational Courses .
- Suggestions for signatures on syllabi .
- Any other matter with permission of the chair .



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1. The meeting began with the welcome address of Dr. Neelanjana Pathak, Chairman, BOS. She welcomed the experts Prof. Susheel Kumar, Mr. Keun Pereira and Mr. Pradeep Chaddha. She also introduced the two new members who joined the department i.e. Ms. Neha Mahawar and Ms. Saumya Gupta.
2. The opening prayer was said by Dr. Niharika Singh.
3. Dr. Manj Raymer read out the minutes of the previous BOS which was held on 11/12/20. The minutes were approved by Mr. Keun Pereira and seconded by Mr. Pradeep Chaddha.
4. Then the approval for additions and suggestions in syllabus as per the NEP (New Education Policy) was discussed. Which was as follows:
  - a) BAI Drama (Major) → Unit I Nature, Scope and form (Drama)
  - b) BAI Functional English (Elective)
    - Unit III Interjection
    - Unit IV Grammatical Terminology
    - Unit V Common Errors in English (Grammatical)
  - c) I year FC-II English Language  
Unit I Child Bride by Rajni Khandelwal
  - c) MA III Sem Paper III (B) Core Elective, American



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Literature

Unit IV — The Family Reunion — T.S. Eliot

Unit V — The Assistant — Bernard Malamud.

03. Vocational Courses prepared by the department was approved.\*  
the Skill Development — 01 credit (15 hours)  
course on Spoken English was approved.

An open ended resolution was accepted on the H.O.D's request to accept the MPHE Vocational Courses without change as and when they are sent from Bhopal.

The evaluation pattern for all the subjects was approved.

5. Dr. Niharika Singh shared a report on the Certificate Courses conducted by the department.

5.1. Course name: Proficiency in English (26<sup>th</sup> August — 12 September 2020) — 30 hours — 02 Credits  
Total participants — 57

Coordinator — Dr. Mary Raymer

Assisted by Ms. Meeta Agrawal

Resource Persons: Dr. Niharika Singh, Dr. Mary Raymer and Mr. Kevin Pereira (Guest speaker)

5.2. Course name: Spoken English (19<sup>th</sup> Nov — 19<sup>th</sup> Dec 2020)

Total participants: 125 — 30 hours — 02 Credits  
was run in two batches.

Coordinator — Dr. Mary Raymer

Assisted by Ms. Meeta Agrawal

Resource persons: ~~Dr.~~ Meeta Agrawal and Dr. Mary Raymer.

5.3. Course Name: Online Fast-Track Course in French (June 1 — 23, 2021).

Total participants registered: 37



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Total hours: 30 Credit 02.

Coordinator: Dr. Niharika Singh.

Resource Persons: Mrs. Sonal Chaturvedi and  
Ms. Harsha Chauhan.

5.4. Course name: "Towards Better Communication:  
Honoring LSRW skills in English" in collaboration  
with Indian Society for Promotion of English  
language and literature (ISPILL) (21<sup>st</sup> Sept-  
8<sup>th</sup> Oct 2021). Coordinator: Dr. SomaGuhra Das.

Registered Participants: 43.

Resource Persons: Dr. Ashok Sachdeva, Dr.  
G.A. Ghanshyam, Dr. Anupama Vohra, Dr.  
Kshamita Chaudhary.

This was highly appreciated by all the board  
experts. Mr. Pradeep Chaddha raised a  
query whether courses were open to all.

Dr. Neelanjana Pathak mentioned that the vocat-  
ional courses are whole sole for college  
regular students of college Aloysius. But  
the Certificate Courses are offered by  
the department and are for all.

Mr. Keuni Pereira also appreciated the  
efforts of the department for their deli-  
beration and efforts. Prof. Susheel Kumar  
also appreciated and stated that the  
department is doing a great deal more  
than the UTD department also does.

The vote of thanks was proposed  
by Ms. Neha Mahawar. followed  
by a group photo and the meeting  
concluded post that.



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\* Name of Vocational Courses prepared by the department.

1. Business English
2. Creative Writing
3. Specialist Vocational course on Theatre and Drama (Prof. Susheel Kumar had remarked that the infrastructure and facilities needed are much of a concern but if the institution provides the needful the course can be highly beneficial)

minutes

prepared by:

*Mary*  
25/10/21.  
Dr. Mary Raymer  
(Secretary BOS)

Approved by:

*Neebanjana*  
Dr. Neebanjana Pathak  
(Chairman BOS)



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# Department Of Hindi



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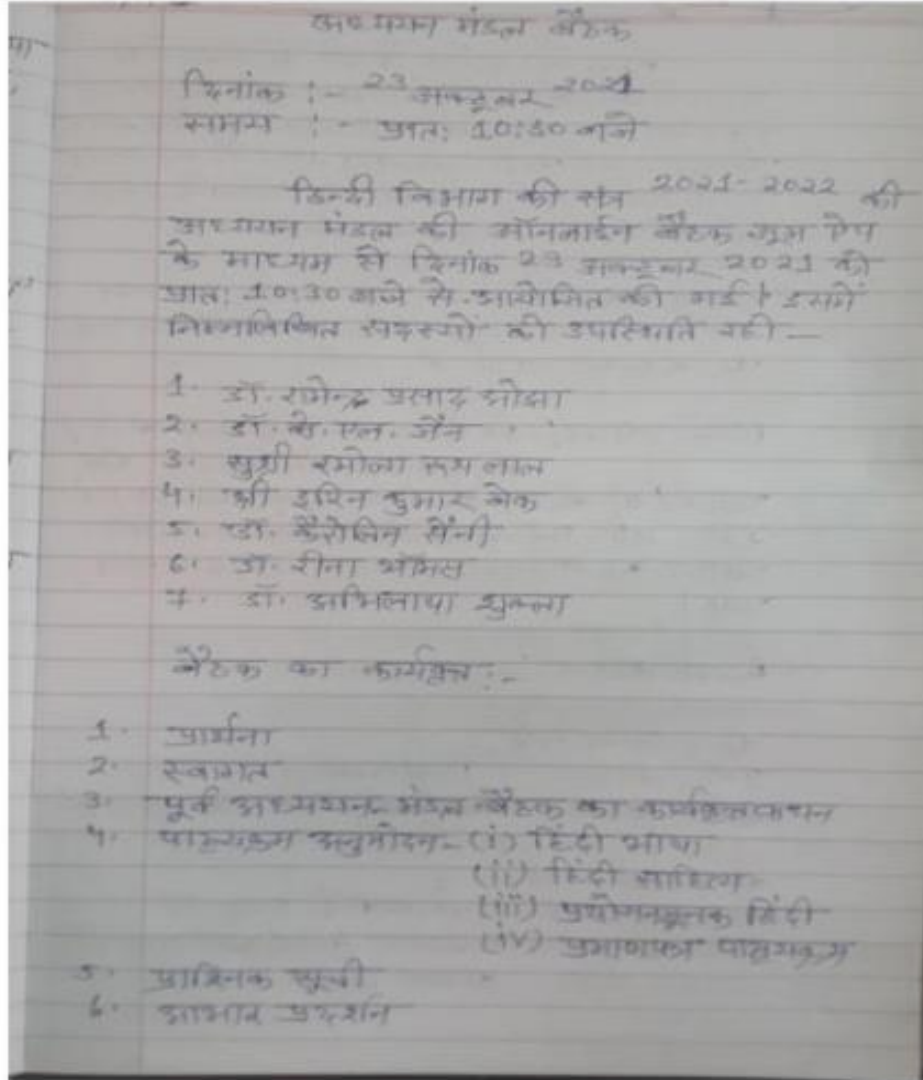
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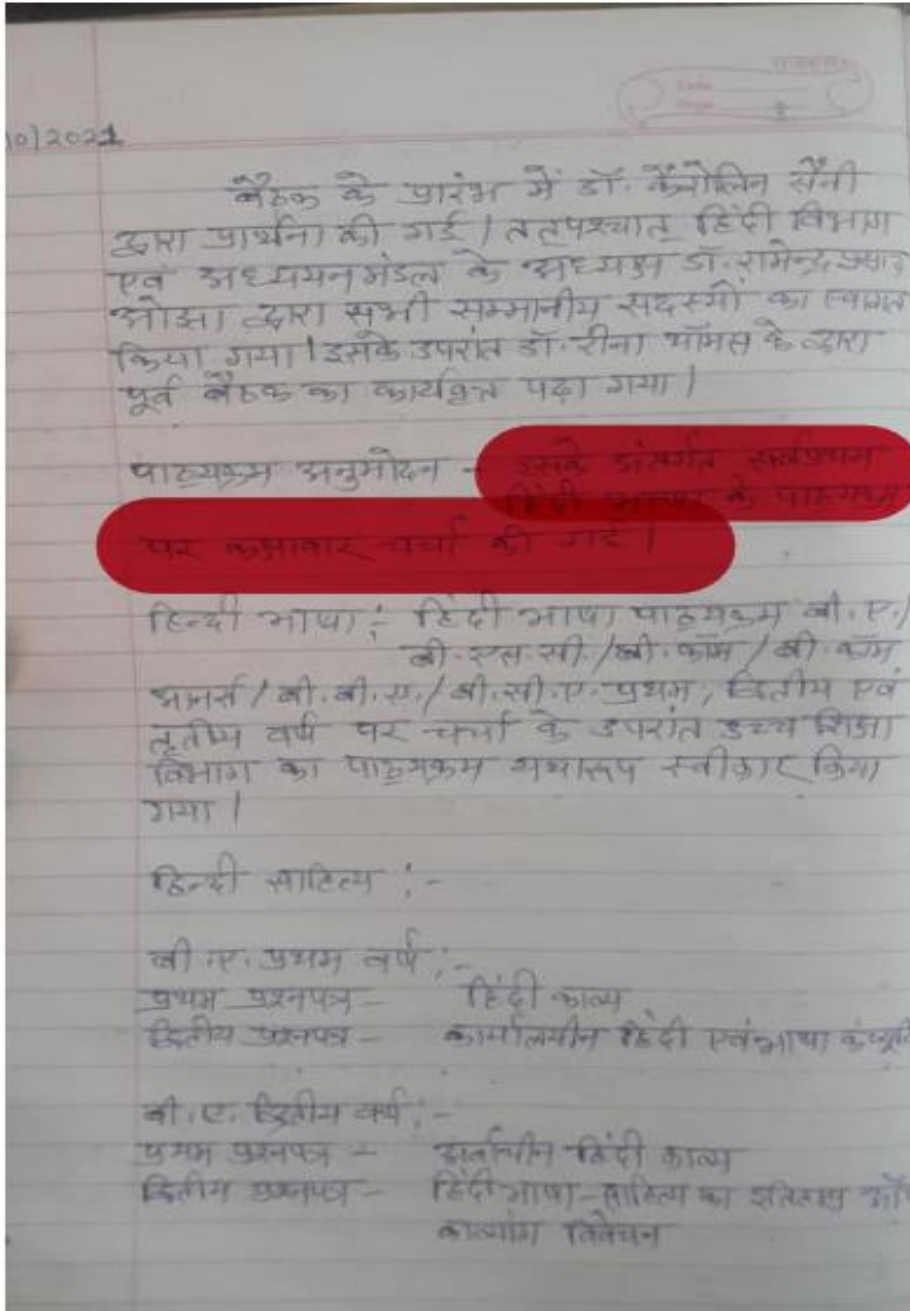
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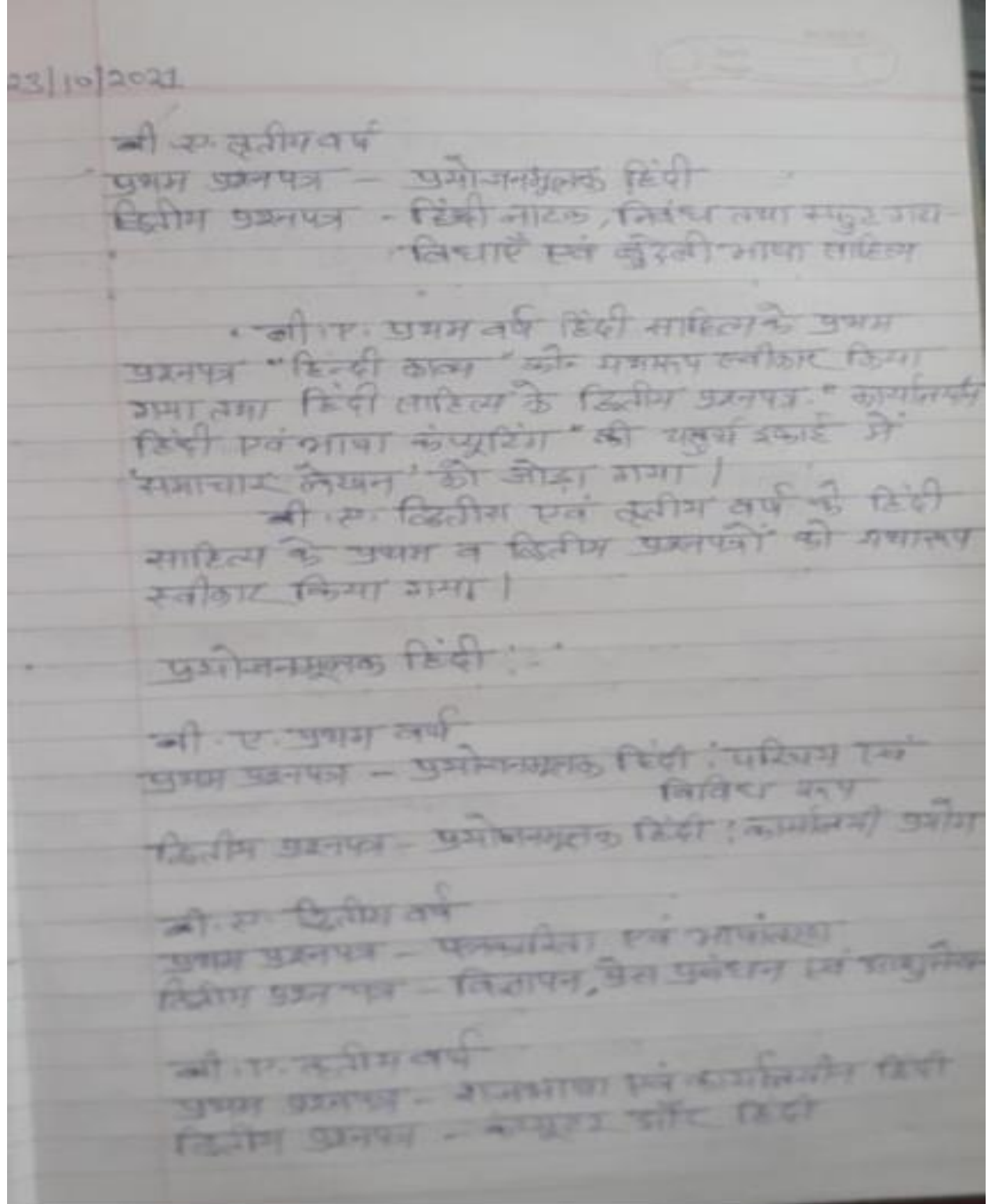
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3/10/2021

जी.स. प्रथम वर्ष प्रयोगशाला हिंदी के प्रथम प्रश्नपत्र 'प्रयोगशाला हिंदी : परिचय एवं विविध रूप' को सकारण स्वीकार किया गया तथा प्रयोगशाला हिंदी के द्वितीय प्रश्नपत्र "प्रयोगशाला हिंदी : कार्यात्मि प्रयोग" को द्वितीय इकाई में विज्ञापन तथा तृतीय इकाई में 'बैठक का कार्यक्रम' तथा 'समाना लेखन' को जोड़ा गया।

जी.स. द्वितीय तथा तृतीय वर्ष प्रयोगशाला हिंदी के प्रथम एवं द्वितीय प्रश्नपत्रों को सकारण स्वीकार किया गया।

प्रमाणपत्र पाठ्यक्रम - हिंदी विभाग के प्रमाणपत्र पाठ्यक्रम 'कार्यात्मि एवं जनसंवाहक' को सकारण स्वीकार किया गया।

प्रारंभिक सूची :- इसके अंतर्गत सभी दुर्गछिनी विद्यालय, जबलपुर, म.प्र. की तृतीय सूची एवं पूरक सूची को स्वीकार किया गया।

अध्ययन मंडल के अध्यक्ष डॉ. रमेश प्रसाद शर्मा की अध्यक्षता में राज्य शिक्षा के विभागों का प्रत्यक्षन करने तथा सांख्यिकीय आधार 'अन्वय निर्णय लेने हेतु' अधीकृत किया गया।

बैठक की अगलादि पर डॉ. रमेश प्रसाद शर्मा द्वारा सकारण प्रदर्शन किया गया।



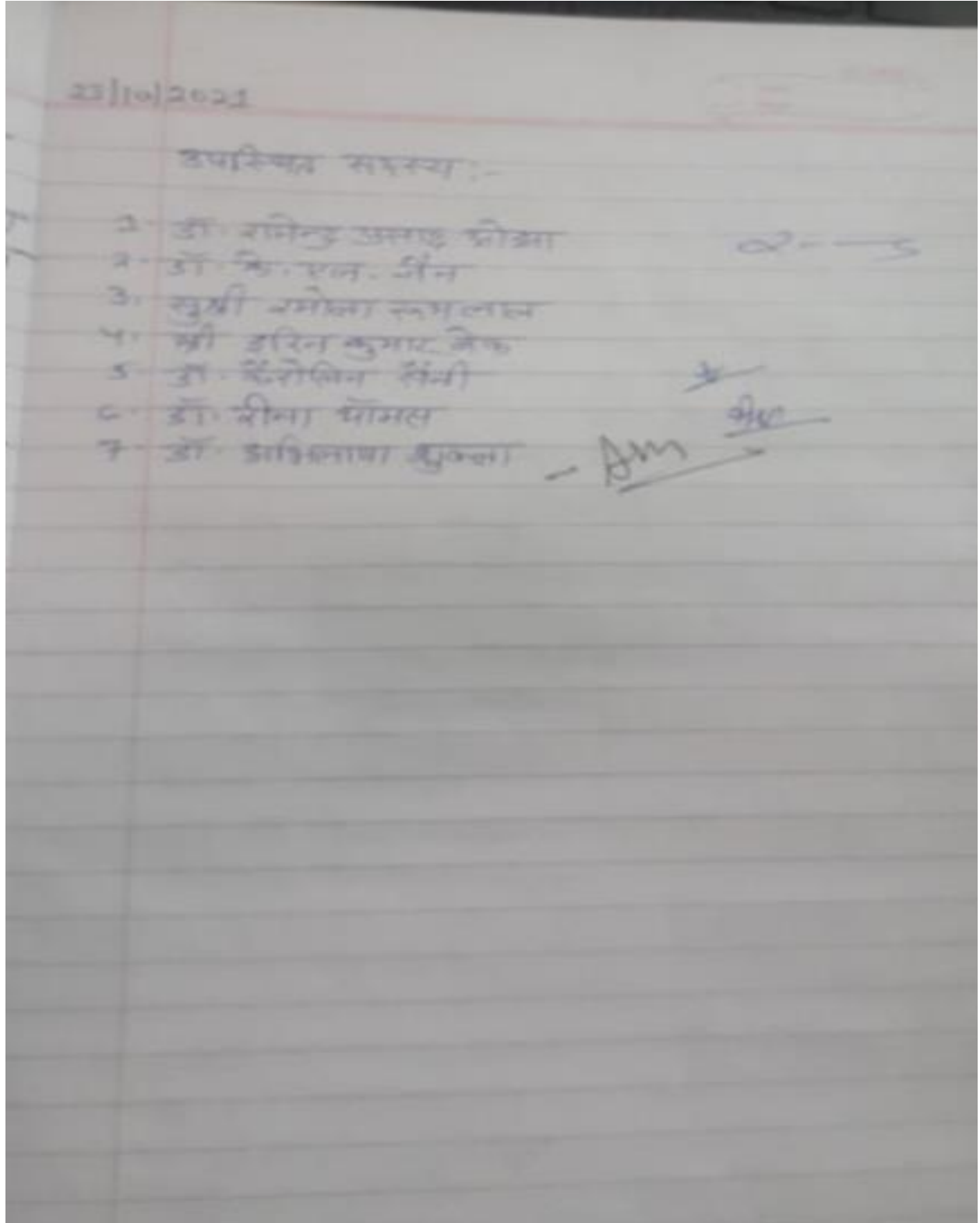
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# Department Of History



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Board of Studies online Meeting  
in the subject of History

Date - 23/10/2021  
venue - Room No. 103  
Time - 12:30

AGENDA

1. Prayer
2. Discussion on (NEW) NEP syllabus
3. Panel of Examiners
4. Any other matter with the permission of the chair
5. Vote of thanks

MEMBERS

1. Dr. Pranjiv Maria Saloman *Pranjiv*  
Chairperson
2. Prof. A.P. Gha *A.P. Gha* V.C. nominee
3. Prof. Navleen Girdhar  
Academic C. nominee
4. Prof. Victor Babu  
Academic C. nominee
5. Prof. Subhash Chandra Sharma

Meritorious Alumni members  
*Subhash*  
23.10.2021





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Dr. Maneesh Agrawal  
Industry expert.

Prayer

The meeting started with a short prayer by Dr. Manju Solomon.

minutes of last meeting -

minutes of the last meeting was read by Dr. Manju Solomon which was proposed by Prof. Victor Babu and seconded by Dr. Maneesh Agrawal

Discussion on NEP syllabus

A deep and long discussion was held on NEW Education Policy Syllabus. Dr. Manju Solomon has given a presentation on new syllabus. As per NEP syllabus of B.A. I<sup>st</sup> year. Major history paper first "Age of Bharat" and paper second and minor "A history of India from early to 1905 AD." So this was put forward by Dr. Manju Solomon after discussion the board members accepted and will be implemented.



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Discussion on Project/Internship:

Panel of Exami <sup>There was</sup>  
a detailed discussion on students' projects and internship. Prof. Subhash Sharma suggested to encourage students to undertake projects related to local history. Prof. Victor Babo suggested to focus on the students' interest and career options before sending them for internships and Projects and Community based Services.

Panel of examiners.

The members of board of studies passed the panel of examiners which was presented by Dr Manju Solomon.

Any other Matter.

The board also discussed about the evaluation method. The department put forward continuous Evaluation methods as per the NEP Syllabus. According to this CCE : 25 marks and External Exams. 75 marks. Maximum Marks : 100  
Internal Assessment : divided into  
Class Test : 15 marks, Assignment /





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Presentations 10 marks. No changes were suggested by the members.

vote of thanks.

The meeting ended with an official vote of thanks to all the members for their active participation and support.

JP Solanki  
President  
23.10.2021



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# Department Of Economics



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## BOARD OF STUDIES MEETING

DATE : 27 October, 2021  
TIME : 12:00 PM

### AGENDA:

An online Board of Studies meeting was held on 27th October 2021 at 12:00 PM with the following agenda -

- ⇒ Prayer
- ⇒ Minutes of last meeting
- ⇒ Discussion on NEP syllabus
- ⇒ Discussion on vocational course
- ⇒ Discussion on internship project
- ⇒ Any other matters
- ⇒ Vote of thanks

### MEMBERS:

Dr. Reta Chouhan  
Rev. Dr. G. Vazhan Arasu  
Dr. Elena Philip  
Dr. Antonina K. Robin  
Dr. Renu Marwande  
Prof. Prahlad Kumar  
Prof. S. K. Choubey  
Dr. Niti Jain  
Dr. A. K. Vishwal  
Mrs. Chitresh Pillai

*(Handwritten signatures and initials)*  
P. Chand  
Renu  
S.K. Choubey



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## Prayer:

The meeting started with a short prayer offered by Dr. Elena Philip. Dr. Reeta Chauhan welcomed all the members of the board formally.

## Minutes of Last Meeting:

Minutes of the previous board of studies meeting was read out by Dr. Anita K. Robin, which was prepared by Dr. Niti Jain and seconded by Dr. Elena Philip.

## Discussion on NEP Syllabus:

A deep and intensive discussion was held on new NEP syllabus. Dr. Reeta Chauhan has given a detailed presentation on new syllabus and board members were agreed to pass it unanimously. As per NEP syllabus of BT I<sup>st</sup> year Micro Economics will be taken as major subject and Indian Economy is offered as minor subject. Indian Economy and Money & Banking is offered as elective papers.



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## Discussion on Vocational Course:

The department is offering "Export-Import Management" as a vocational course. The course has both theoretical as well as practical aspects related to the export and import. The members were agreed to give field exposure and experience through field visits. The course was passed unanimously by the board members.

## Discussion on Project / Internship:

There was a detailed discussion on students' projects and internships. Prof. S. R. Choubey suggested to encourage students to undertake projects related to local livelihood and local resources. Prof. Pahlad Kumar also suggested to focus on the students' interest and career options before sending them for internships and projects. Dr. Niti Jain has also supported the above suggestions. She said the projects should be entirely based on practical aspects rather than theories. All the members were



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agreed to send and motivate students for government internships.

## Any Other Matter:

The board has also discussed about the internal evaluation method. Prof. Prabalad Kumar suggested there should be continuous unit tests and out of all five tests, best three should be taken into consideration. Prof. S. R. Chaubey suggested that to develop research aptitude among Post Graduate students, they should be given research related CCE's and assignment. They should also be encouraged to publish research papers in the journals with their teachers. List of examiners was also passed by the board.

## Vote of Thanks:

The meeting ended with the vote of thanks proposed by Dr. Renu Marwande.



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# Department Of Political Science



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Email: principal@staloyuscollege.ac.in, staloyuscollege1951@gmail.com, Website: www.staloyuscollege.ac.in



An online Board of Studies meeting was held on 29<sup>th</sup> October 2021 at 1:00 pm in the Department of Political Science.

Dr. Tukina Jaisi  
Dr. Vishwas Patel  
Dr. Fr. Ben Anton Rose  
Ms. Bhaura Tekam  
Dr. Tripti Joshi  
Prof. Ramahankar  
Prof. V.K. Rai  
Prof. Rashmi Mishra Tondan  
Mr. Suraj Dubey

Tukina  
V.P. 3

~~name~~

### AGENDA OF THE MEETING:

1. Welcome the members
2. Discussion on UG and PG Syllabus
3. Discussion on Internship/Field Projects/Community Based Services
4. Any other matter with the permission of the chair
5. Vote of Thanks

Meeting was started with welcome address by Dr. Tukina Jaisi.

Minutes of last meeting was read by Ms. Bhaura Tekam which was proposed by Fr. Ben







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and seconded by Dr. Vahwas Patel.

## DISCUSSION ON UG AND PG SYLLABUS

Govt. of Madhya Pradesh introduces the National Education Policy (NEP) 2020. It aims to facilitate an inclusive, participatory and holistic approach. The prescribed structure will help to cater the ability of the student of cognitive development as well as social and physical awareness. It takes into consideration field experiences, empirical research as well as lessons learned from best practices. In this reference the development prepared the syllabus offered for the UG degree programme and proposed it in the meeting for approval. Dr. Tuhina Jaisri has proposed the following changes in the syllabus which emphasized on national needs -

- topic "Parliamentary Committee" to be added in BA I Year, Major (Paper-2) / Minor - Indian Constitution, Unit-2.
- Topic "Judicial Activism" to be added in BA I Year, Major (Paper-2) / Minor - Indian Constitution, Unit-4.
- topic "Criminalization" to be added in BA I Year, Elective - Indian Political System, Unit-3.

All the above mentioned topics were approved by all the members of board.



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The syllabus of PG in Political Science was discussed in the meeting. Dr. Tahina Jorxi has proposed the following changes to focus on the

- Topic "Style and Informing and Manipulation" to be added in MA II Semester, Paper IV, 'Research Methodology' to focus on the Profession Ethics.
- Topic "Education and Social Improvement" to be added in MA III Semester, Paper III, 'Local Government' based on local needs.

The members discussed and approved the changes.

## DISCUSSION ON INTERNSHIP/FIELD PROJECT/COMMUNITY BASED SERVICE

NEP 2020 introduces Internship/Field Project/Community Based Service in degree courses. This will allow the higher education institutions to prepare the students for needs of job market in future. In regard of this, board members discussed over area and scope for Internship, field project and Community based service in the discipline of Political Science.

The BOS considered and approved the suggested list of Examiners for the upcoming examinations of session 2021-22.



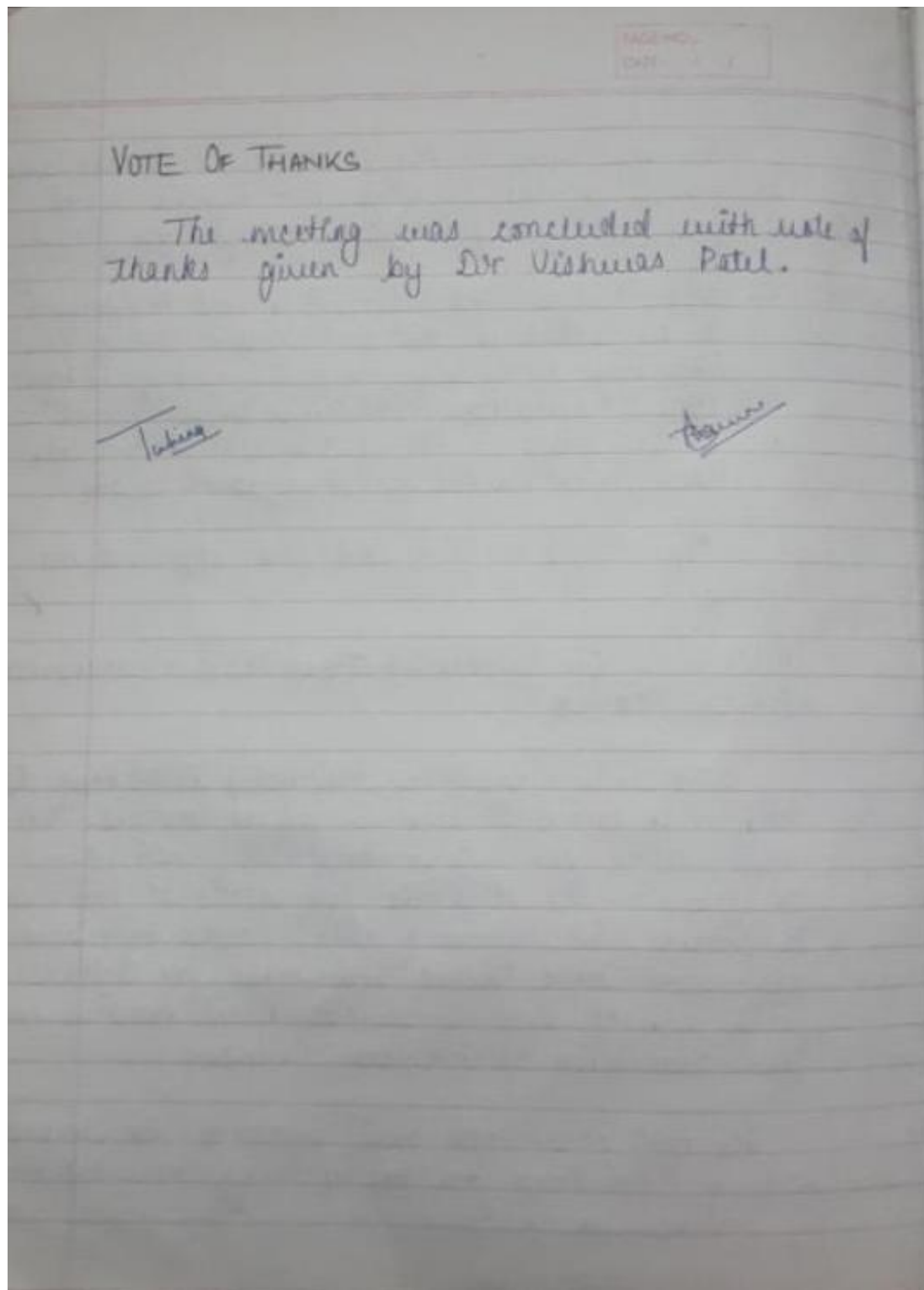
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# Department Of Commerce



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Minutes of the Meeting

The meeting of Board of Studies of Faculty of Commerce was held on 5<sup>th</sup> November 2022 at 2:00 pm through online mode on Google Meet. The meeting started with a prayer led by Dr. Farouk A. Khan.

The minutes of the previous meeting was presented by member secretary, Dr. Saphyrah B. John, which was approved by Dr. Manoj Pandey and seconded by Dr. Binay Arichal.

The agenda was discussion on the syllabi of under graduate course in Commerce as per the National Education Policy. The NEP syllabus with various major, minor and elective papers were presented for discussion before the members of the board of studies.

The major papers were Financial Accounting and Business Law. During the discussion it was highlighted that the syllabi of Financial Accounting to include the component of Computerized Accounting as a requirement of skill development for the students. The topic Accounting for non-profit organizations

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and Royalty accounts will enhance the ability of the students to gain entrepreneurial skills and the component of Partnership will make the students to enhance employability in the specific areas of business, thus these are to be incorporated in Financial Accounting syllabi.

The syllabus of Business Law was updated with the recent Consumer Protection Amendment Act 2018, to acquaint students with the responsibilities of business towards society. The suggestions of the members were duly incorporated in the syllabus.

The minor paper Business Organization and communication was discussed. The topics Promotion of Business and Form of Business were incorporated to enhance the students' entrepreneurial capability. Communication skills and Business letter writing will develop the skill of the student in enhancing the business to make the student employment ready. The components of Information Technology in Communication and Role of social media in Business of modern world has been incorporated.

The elective papers adopted as per the scheme are as under:



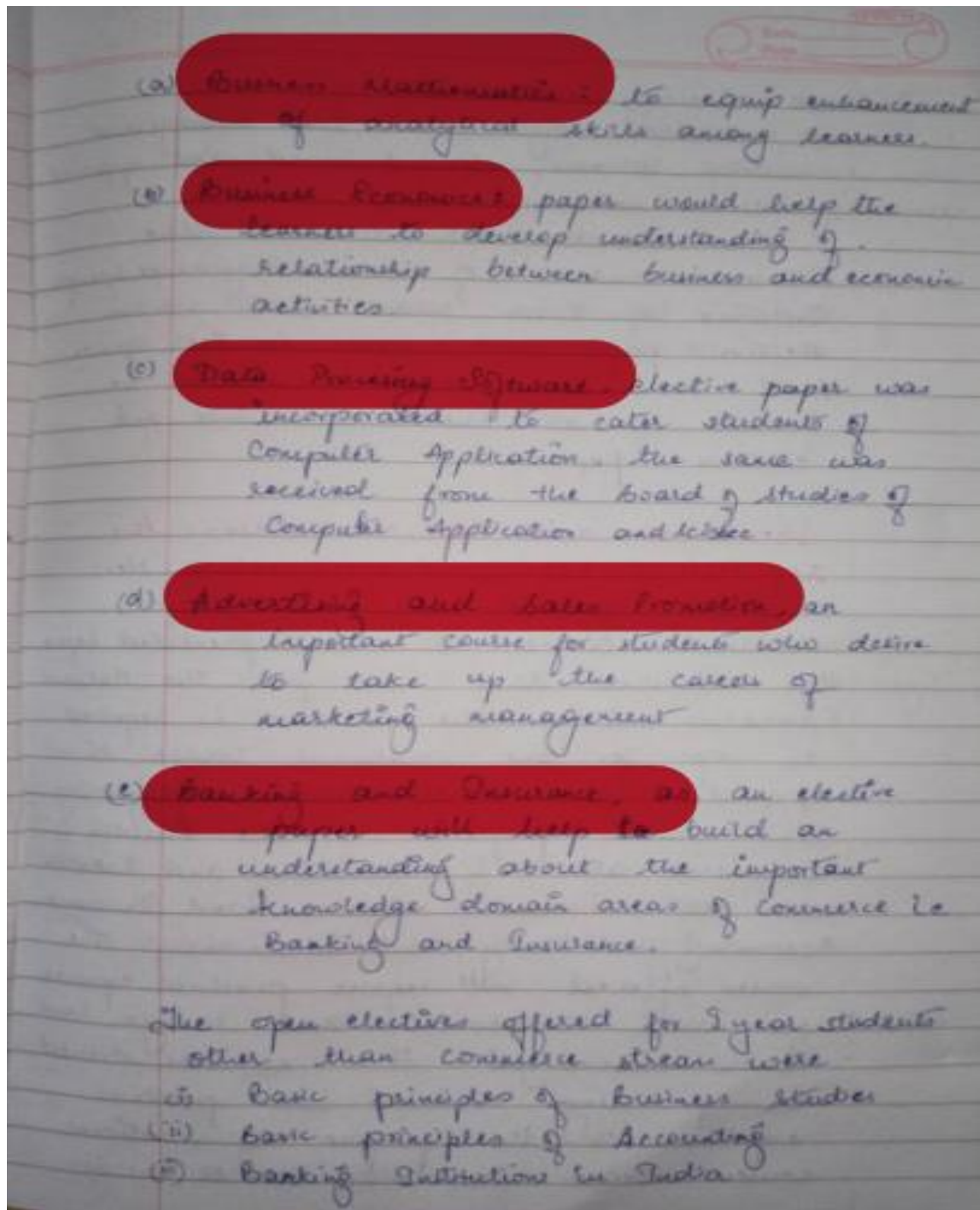
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in Currency and Banking  
in Business Organisation and management  
The scheme was discussed and approved  
by the members  
The members also discussed the  
Programme outcome of ~~some~~ Programme specific  
Outcome of ~~6~~ <sup>2</sup> ~~low~~ <sup>low</sup> course with various  
elective papers and were in the opinion  
that the course outcomes should be  
framed for all the major, minor and  
elective papers

Vocational and Add-on courses: The  
required linkages and collaboration. Next  
on the agenda was discussion on  
vocational courses. It was presented before  
the members that as per the National  
Education Policy the student is required  
to opt for one vocational course to  
upgrade the skills towards employability.  
The courses proposed by the faculty of  
Commerce are: E - Accounting and taxation  
with GST, Financial Services and Insurance,  
Accounting and Tally, and Salesmanship. The  
courses offered will require practical exposure  
for which collaborations and linkages have  
been channelized. The members stressed  
on providing students with practical  
exposure as the purpose of vocational  
course received from N.E.P. is to bridge





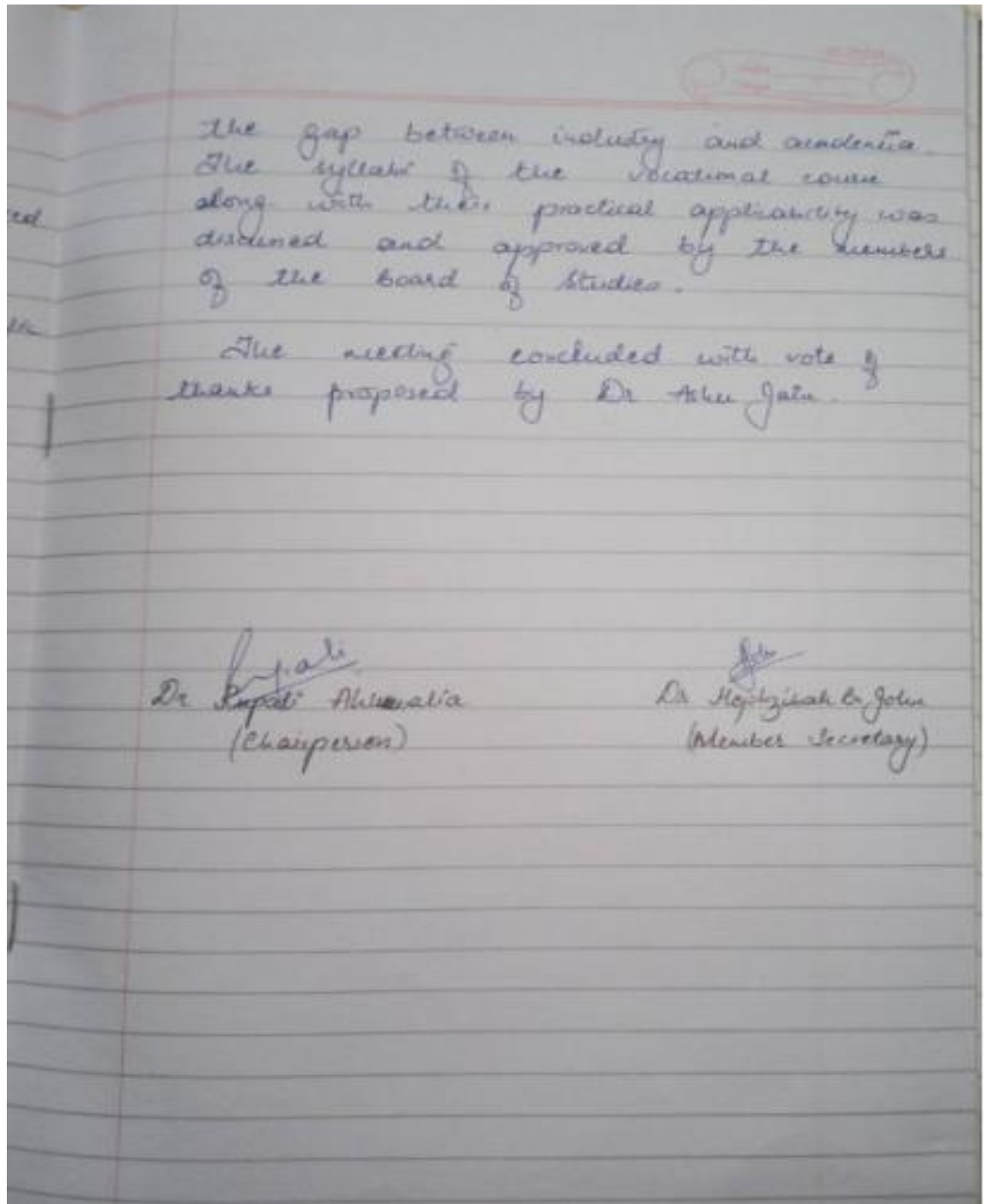
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# Department Of Bachelors of Business Administrative



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Minutes of Online Board of Studies Meeting of Department of Management held on 27<sup>th</sup> October 2021. at 10:00am through Google meet

Agenda of the Meeting.

1. Opening prayer.
2. Minutes of last meeting.
3. Briefing of NEP BBA curriculum design.
4. Discussion on the BBA 1<sup>st</sup> year syllabus as per NEP and the changes brought.
5. Discussion on diploma course and location.
6. Vote of thanks.

Members:-

Chair person: Mrs. Rashmi A. Patrae   
Vice-Chancellor's Nominee:- Prof. Yogesh Upadhyay


Academic Council Nominee:-

- Prof. Alok K. Rai. (Absent)
- Dr. Rodney D'Silva. (Present) online.


Industrial Expert:-

- Mr. Vinit Bhargava (Present) Online

Ex-Student

- Mr. Md. Attamash (Present) 

Other Members:-

Mrs. Shraddha Shrivastava 

Teacher's Sign.



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Dr. Chitraushi Verma (Present) Chitraushi  
Dr. Rashmi Singh (Present) Rashmi  
Mrs. Shweta Sirohi (Present) Shweta  
Dr. Richa Dixit (Present) Richa  
Mrs. Aparna Duggra (Present) Aparna

1. Opening Prayer: - The meeting started with the opening prayer by Mrs. Rashmi Patkar.

2. Minutes of the last meeting was read by Mrs. Shradha Shrivastava. It was proposed by Dr. Rashmi Singh and seconded by Mrs. Aparna Duggra.

3. Briefing of NEP BBA curriculum design: Mrs. Rashmi Patkar gave a brief input on the new course curriculum design of BBA 1st year as per NEP. In regard to this the Major, Minor, Open Elective, Vocational and Skill Enhancement courses were shared and the total credit value along with assessment were shared with the members.

4. Discussion on the new syllabus of BBA 1st year as per NEP and the changes introduced. Further in the meeting, the changes and additions that has been brought in various papers were discussed.

For BBA 1 year as per NEP, 3 major groups with minor papers were discussed & finalised which were:



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Major Group A :- Major Paper I :- Business Management  
Major Paper II :- Communication Skills.

Group B Major Paper I :- Micro Economics.  
Major Paper II :- Business Statistics.

Group C: Major Paper I: Financial Accounting  
Major Paper II: Business Mathematics.

Minor Group A: Minor Paper: Business Statistics

Group B: Minor Paper: Business Mathematics

Group C: Minor Paper: Communication Skills.

as per the suggestions and discussions the above were finalised in the regard to major and minor papers.

Further the additions were discussed in BBA I year group A. Major paper I Business Management, addition of few reference books were.

Following is the additions of topics done in various papers: -

Group A Paper II Communication Skills.  
in unit I, types and channels of Communication.  
- Unit III Presentation skills. in  
Unit IV Business reports, and in Unit V  
Resume writing, types of meeting were  
added in regard for enhancing employability.

Group B. Paper I Micro Economics: - Unit 3  
Law of diminishing marginal utility, in  
Unit 4. Modern Theory of Rent, Interest, and  
profit has be added to the interest of national  
economic and environment.

Teacher's Sign.



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Date:	

Group B under Paper 2 Business Statistics - introduction to SPSS was added, the addition gives the application of SPSS package in elementary statistical calculation there by adding to students research skills.

In Group C, under paper I Financial Accounting in Unit I IFRS and its concepts were added understanding the global requirements. also cost accounting its methods and techniques has been added. to make the students better understand the real costing calculation and evaluation of projects. The above suggested addition were approved by the members of the board.

5. Discussion and Approval of Diploma Course: Understanding the changing digital work dynamics. and global need and advancement in employability, the department proposed and an inter disciplinary Diploma course in Business Analytics. The course pedagogy, curriculum and possible employment outcomes were presented in front of the member of board.

As suggested by Dr. Rodney and Dr. Bhargava, focus of data analysis should be more emphasized enhancing students analytical skills.

Mr. Bhargava also suggested to give students online internships and industry exposure, which will give a better understanding.

Teacher's Sign.



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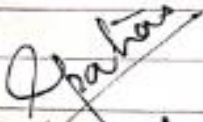
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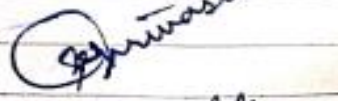
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to give

- students learning and skills.
5. Vocational Course:- Under NEP, the new course introduced for vocational is Personality Development. The syllabus designed for the vocational course catering to the important aspects of communication skills, dimensions of personality, Public speech, and aspects which define success and failure were added, and were presented in front of the board. Dr. Rodney and Mr. Vinit Bhargava suggested that the pedagogy should be more of activity based, which focuses on fast learning and give an insight to students real skill growth.

7. Further more the meeting was concluded with vote of thanks proposed by Dr. Rashmi Singh.

  
Mrs. Rashmi A. Patra

  
Mrs. Shraddha Shrivastava



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## **Minutes of Board of Studies meeting**

**BOS 2022-23**





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# Department Of Computer Science



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classmate  
Date \_\_\_\_\_  
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Department of Computer  
Science & Applications.  
Minutes of Board of  
Studies.

Date :- 16/July/2022  
Time = 02:00 pm

Agenda :-

- (i) Prayer by Swapnil Justin.
- (ii) Welcoming guests members by chairman Dr. Siby Samuel.
- (iii) Approval of Minutes by Mr. J. Rajeshwar Rao.
- (iv) Review of Syllabus by Ms. S.K. Watalia
- (v) Experts Comments
- (vi) Approval of Examiner Panels
- (vii) Vote of Thanks.



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Members Present	
(i) Chairperson	Dr. Sify Samuel, Head Dept of Computer Science. TOAC coordinator. SACJ
(ii) VC Nominee	Prof. Surya Prakash Dept of Computer Science & Engineering IIT Indore, M.P.
(iii) Academic Council Nominee	1. Prof Mohd. Abulaish Dept of Comp. & South Asian University, New Delhi, India
	2. Dr. Biju Thomas Dept of Computer Science Merian College (Autonomous), Kuttiaram Kerala, India



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(iv)	Representative from the Industry	Mr. Chandra Shekhar Shukla, Director, Rastriya Jafoteek, Pune, India
(v)	Meritorious Alumnus	Ms. Shreya Nema Jafoteek, Pune Maharashtra India
(vi)	Members	All family members.

For the 2022-2023 academic year, the board suggested a semester system in the line with NEP for undergraduate studies. Here are the key changes:

1. Previously the annual syllabus for major minor and elective



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subjects consisted of seven units. With the new semester system, the board recommends five units for major/minor subjects & four units for electives. It required restructuring of the syllabus & bringing in the necessary changes on the redundant topics.

- ii) Under the BCA I semester year annual pattern of the NEP, "Computer System Architecture" & "Programming using C++ & Data Structure" were the two major subjects with "Operating System Concepts" as a minor subject. However the semester system under NEP requires two major & two minor subjects. As a result, the board introduced a new course titled "Programming and Problem Solving using C", comprising five units with six credits. For the first semester the major subject is



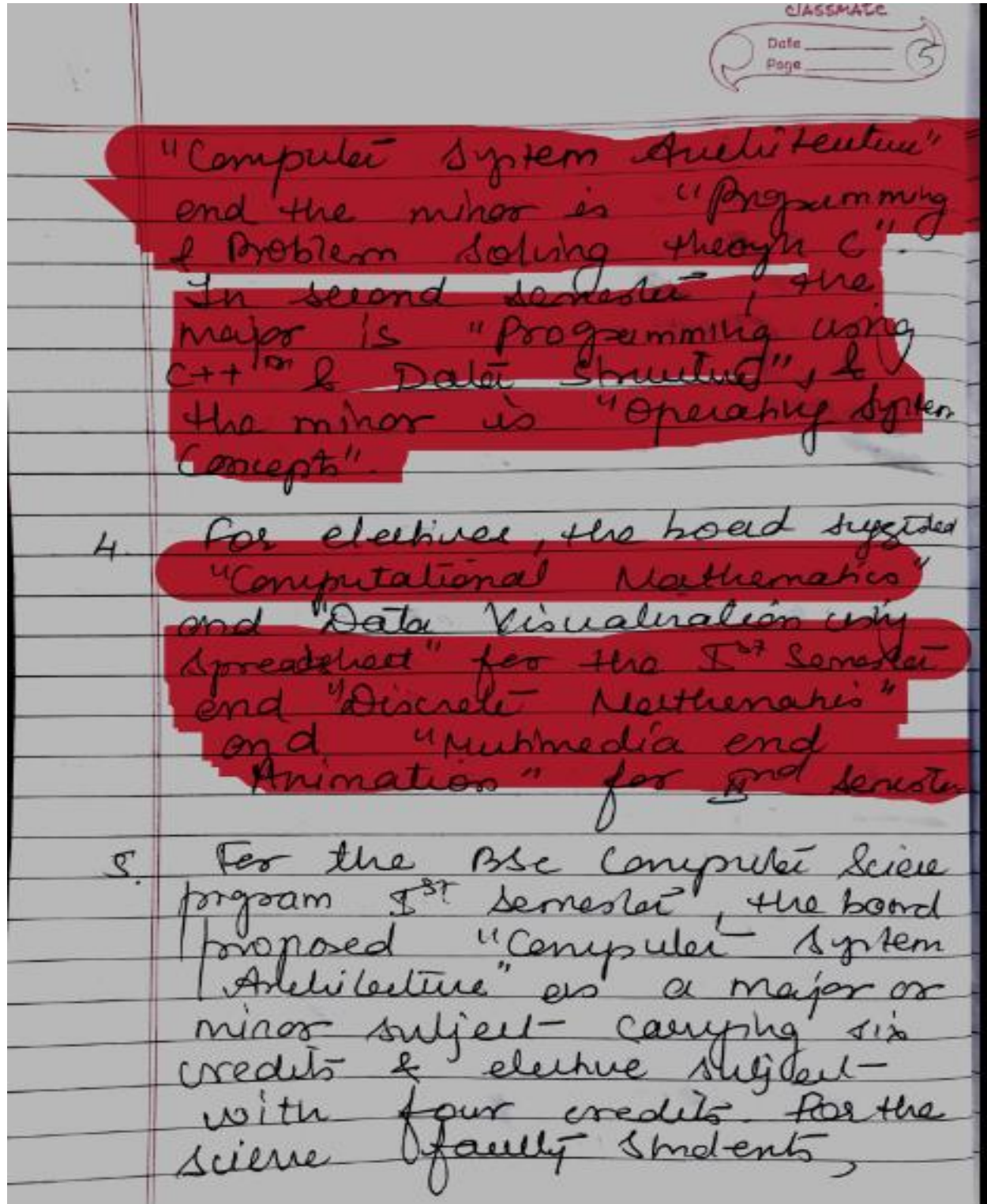
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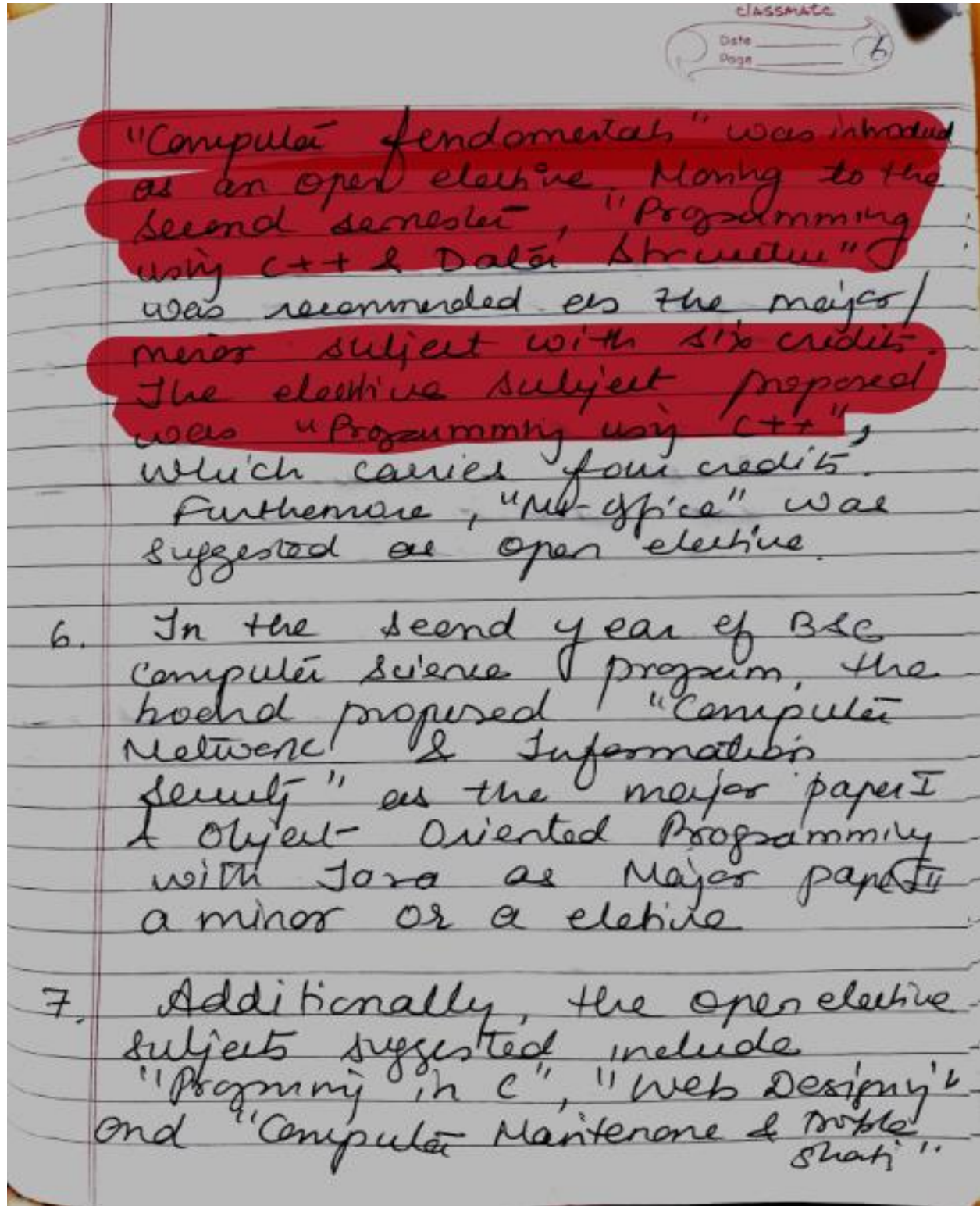
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8. For the 1<sup>st</sup> semester of the Computer application program the board proposed "Programming in C" as the major/minor subject, carrying six credits and as elective four credits. In the second semester "Data Processing Software" was recommended as the major/minor subject with six credits, and as an elective with four credits.

9. Moving on to the second year of the B.Sc. Computer Application program, "Database Management System" was proposed as Major Paper-I and "Introduction to Net & C++" was suggested for Major-II/Minor/ Elective categories.

10. For the first semester of the BA program "Data Processing





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software" as a minor/elective subject was proposed & approved.

(11) For BA/Bcom 2<sup>nd</sup> year program

"Introduction to C# & .Net" was proposed for both minor & major and elective segments with 6 & 4 credits.

(12) For Bcom I & II Semesters the board proposed "Data Processing Software" as elective in 1<sup>st</sup> Semester & "Basic Programming methodologies in C & database" in 2<sup>nd</sup> Semester, with four credits and as elective course.

The proposed courses and syllabus was approved by the board.



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Further there was a thorough discussion on inclusion of topics to address the cross cutting issues, enhancing the skills & employability - and also addressing the local, regional & global needs.

1. A practical exercise was identified under the topic "Data visualization using spread sheet" to address the regional needs. The objective of this practical was "to design a spreadsheet for crop production in the MP region", and other Indian states.
2. Within the realm of IoT, subjects such as network function visualization, IoT cloud based service design, and principles for web connectivity have been recognized for their technical merit and potential to provide a foundation



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classmate  
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→ In Bcom/Bsc/BA III year software Engineering and cyber security papers include the topic "cyber law and IT act" to address the national level.

→ In Bcom/BA I semester, practical on "Creating powerpoint presentation on College Assembly" in data processing software for addressing local needs.



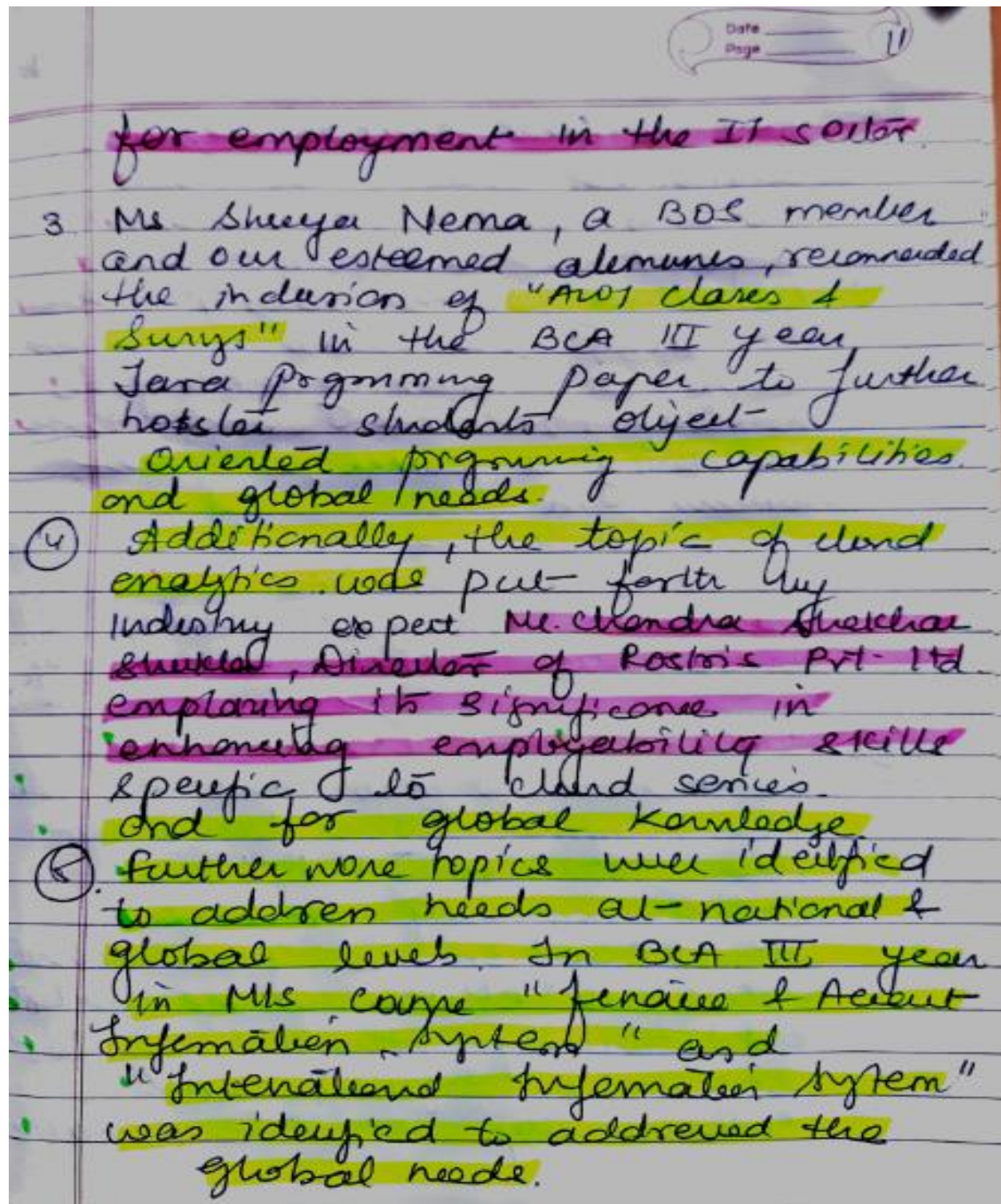
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⑥ One of the board member commented that - the "Web Designing and Development" paper is adequate for ensuring employability. And it also caters to who are ~~comp~~ contemplating entrepreneurial ventures and those considering a career as freelancers in the field, equipping them with the requisite skills and knowledge to navigate through their respective paths successfully.

⑦ Cross-cutting issues were integrated into the curriculum. The topics "Cyber Law" and the "Indian IT Act" in Cyber Security from the B.Com/B.Sc/BA III year enhances professional ethics among students. Additionally, the syllabi for "Software Engineering and Cyber Security" in M.Sc., have



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been structured to address professional ethics comprehensively. It also includes ethics of social networking and privacy ethics.

M.Sc (Computer Science).

Under CBCS system Big Data Analytics and cloud Computing both were formally elective of III sem and IV sem along with Artificial Intelligence and TCP/IP respectively, these four papers have high demand of the PG students, hence it was been proposed and approved to be incorporated into the stream of core curriculum.

The examiners panel was then presented & approved by the experts. The committee further authorized the chairperson



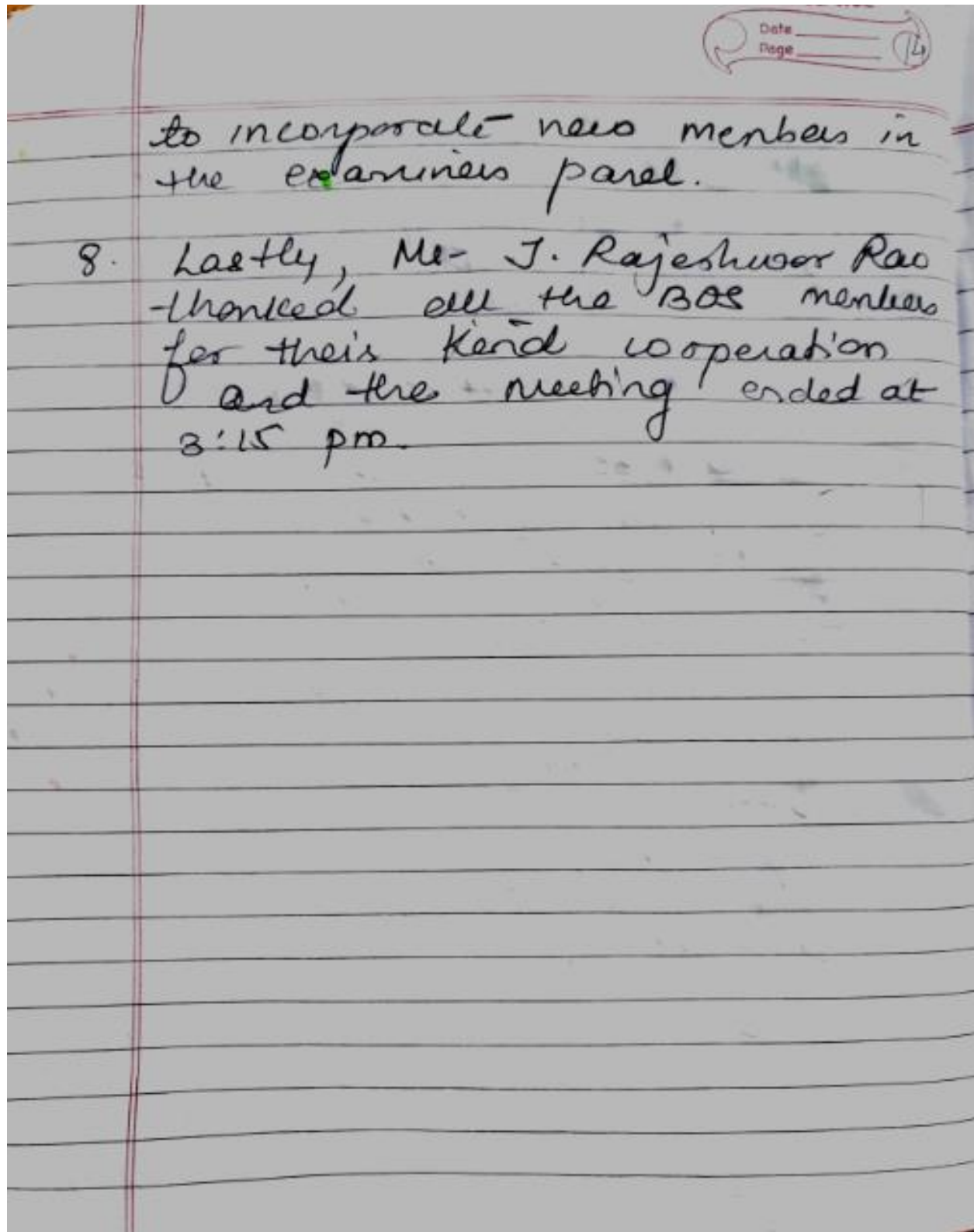
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# Department Of Chemistry



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## BOS Meeting Minutes

The 16<sup>th</sup> BOS Meeting was held on 16/7/22 in online mode from 10:30 AM.

Members present during the meeting

1. Dr. Smarika Lawrence
2. Dr. Anjali Dsouza
3. Dr. Sutapa Roy
4. Dr. Shweta Likhitar
5. Dr. Amrita Chhetri
6. Dr. Manjya Gupta
7. Dr. A. K. Bajpai
8. Dr. Anubha Maheswar
9. Dr. Dharmendra K. Sharma
10. Mr. Prakhar
11. Ms. Kehkasha Siddique

## Agenda of the Meeting

1. Opening Prayer.
2. Introduction of Newly appointed BOS members.



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Report of last Meeting  
Glimpses of Session 2022  
Vocational Course  
Vote of Thanks.

Opening Prayer:- The meeting started with an opening prayer by Dr. Shweta Likhitkar.

Introduction of Newly appointed BOS Members.

Dr. Smarika Lawrance (MOD) introduced & formally welcomed all the newly appointed BOS members. And all the departmental members introduced themselves.

Report of the Last meeting:- Last BOS meeting was held on 28/10/21 and the report of last meeting was read by Dr. Surtaps Roy.

Following points were highlighted in the last meeting

\* NEP (New Education Policy) which is followed by the MP higher education has to be followed without any changes.

\* Proposal of 3 Certificate course.

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Glimps of Session 21-22 :-  
Head of Department  
Dr. Smarika Lawrence briefed about  
the activities of last Academic  
session 2021-22. She said the  
college received DBT star college  
scheme in the year 2020-21.  
Under the banner of DBT star  
college scheme the Department  
conducted community based & Project  
Practical, Industrial visit, Guest  
Lecture, Faculty development Programme.  
On the occasion of  
National Science day the Department  
conducted different types of activities  
like Quiz competition, slogan writing  
poster etc. Under the banner of  
Rasaynika.

Syllabus :- The syllabus of UG &  
PG was sent to the all  
members of BOS earlier in the  
PDF form.

Bsc Chemistry syllabus :- Dr. S. Lawrence  
(HOD) told that the members that  
the Government has introduced or New  
education policy we are following the  
same syllabus for BSc I & BSc II  
year given by the government under  
the new education policy.

She said that as



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Soon as the BSc III year syllabus will come then the upgradation would be done. The HOD told the members that the department is catering to the local/Regional needs by conducting practical and projects regularly (Lactase enzyme dairy project, extraction of essential oils, comparative study of different brands of cold drinks etc.). Similarly topics on National and Global importance are taught in the syllabus to keep the knowledge at par with the world. The Topics are -  
Drug Analysis - A comparison of Generic and Branded medicine, Nuclear reaction and application of radiochemistry etc.

MSc Chemistry Syllabus :- The HOD showed the PG syllabus to all the members. She informed all the members that CBCS pattern is followed in the MSc.

The HOD informed that - to keep the PG chemistry students updated with latest developments in India and abroad many spectroscopic and analytical techniques taught at PG level. The topics are UV-visible, Raman, electronic and Microwave spectroscopy.

She also informed that practicals and projects on societal

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research are conducted to bridge the gap between global and regional level. Dr. Anubha Maheshwari and Dr. Dharmendra said that your syllabus is excellent as per CBCS format. Dr. Dharmendra suggested kindly remove the fundamental basic topics from the syllabus.

Dr. Anjali Dsouza informed that the fundamental topics should be a part of syllabus because it is interrelated to the main topic and bridges the gap between UG & PH.

Dr. A. K. Bopai suggested that kindly include the chemical kinetic practicals in the PH level & remove the electronic practicals.

Vocational Courses :- Department has been running Nutrition and Dietetics vocational course as per NER syllabus as it caters to the everyday health issue of people.



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Total No. of Lectures + Practical (in hours per week): L-3 Hr / P-1 Lab Hr

Total No. of Lectures- Practical: L-30hrs/P-30hrs

Module	Topics	No. of Hours
I	Introduction to Food & Nutrition. 1. Definition of Food- 1.1. Function of Food, 1.2. Food groups, 1.3. Food guide Pyramid, 1.4. Food in relation to health. 2. Definition of Nutrition 3. Assessment of Nutritional status - 3.1. Optimum or Adequate nutrition 3.2. Good nutrition, Under nutrition 3.3. Malnutrition. 4. Nutrients- 4.1. Definition 4.2. Types of Nutrients- Energy, Carbohydrate, Protein, Fat, Vitamins & Minerals, Water (Sources, Functions & deficiency symptoms)	4 1 3 4
II	RDA (Recommended Dietary Allowances ICMR, 2020) - II 1. General Principles of deriving RDA. 2. Practical application of RDA. 3. Indian Standards for Height & Weight, 4. BMI (Body Mass Index).	1 1 1 1
III	Meal Planning- 1. Definition 2. Principles of meal planning. 3. Menu- Introduction and Concept 4. Format for Menu Plan	1 2 1 4
IV	Nutrition Education- 1. Nutrition & Health Education Programme (In brief). 2. Tools of Nutrition Education	2
V	Introduction to Dietetics and Dietitian 1. Definition of Dietetics 2. Areas of Dietetics 3. Role and Responsibilities of Dietician 4. Career opportunities as Dietician	1 1 1 1

Certificate Course :- The department has been regularly conducting 2 certificate course entitled "Application  
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of chemistry in daily life and  
Instrumentation and analytical techniques  
to promote skill development in chemistry

## DEPARTMENT OF CHEMISTRY

### Details of Value Added Course

**Course Name:-** "Application of Chemistry in Daily Life"

**Eligibility Criterion:-** Open for all

**Duration:-** 30 hours (2 credits)

**Proposed Date:-** February 2023

**No. of Seats:-** 30

**Mark Scheme:-** Total Marks 100 (Theory 50 & Practical 50)

There will be 5 (five) modules in this course which are as follows:-

**Module I: Thin Layer Chromatography and analysis of adulterants:** Introduction of Separation methods, basic principle and mechanism of separation in thin layer chromatography. Reporting of results and application of TLC in the determination of adulterants present on red chili powder, completion of reaction and in organic synthesis.

**Module II: Complexometric analysis:** EDTA- acidic properties, complexes with metal ions, indicators for EDTA titrations, theory of common indicators. Titration methods employing EDTA- direct, back and displacement titrations, indirect determinations. Applications of EDTA titrations (2). In determination of calcium in calcium supplements, magnesium and aluminium in antacids etc.

**Module III: Water Analysis:** Water quality parameters, Acidity, Alkalinity, Hardness, COD and DO. Water Pollution, Fluoride and lead as water pollutant and its effects. Quantitative estimations of Lead and Fluoride in water samples using Fluoride Ion Meter and Lead ion meter.

**Module IV: UV-VIS Spectrophotometer and colorimeter Analysis:** Introduction, verification of Beer Lambert's law, instrumentation and applications. Determination of Iron in some iron tablets by using spectrophotometer and colorimeter. Estimation of Glucose in various brands of honey by using spectrophotometer and colorimeter.

**Module V: Green Chemistry:** Definition, Twelve Principle of Green chemistry, Goal of Green Chemistry, Benefits of Green Chemistry, Green Chemistry in Day-to-Day life. Synthesis of organic compounds by green method (Synthesis of Dihydroquinoxaline and Synthesis of Biodiesel), Application and Advantages.





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## DEPARTMENT OF CHEMISTRY

### Value Added Course

Certificate Course sponsored by Star College Scheme, DBT

Course Name:- "Instrumentation and Analytical Techniques"

Eligibility Criterion:- Open for all students

Duration:- 30 hours (2 credits)

Mark Scheme:- Total marks (Theory 50 and Practical 50)

There will be 6 (six) modules in this course which are as follows:-

**Module I: UV- Vis. Spectroscopy:** Introduction, principle, instrumentation and applications

Experimental- Spectroscopic analysis of Azadirachta indica

Synthesis of Azadirachta indica loaded silvernanoparticle

**Module II: FTIR Spectroscopy:** Introduction, principle, instrumentation and applications

Experimental- FTIR Spectral analysis of solid compound

**Module III: X- ray Diffraction:** Introduction, principle, instrumentation and applications

Experimental- XRD analysis of prepared compound

**Module IV – Phase contrast Microscopy-** Introduction, Basic Principle, Instrumentation and application.

Experimental- Dye exclusion test for cell viability

**Module V – Gel Doc:** Introduction, principle, instrumentation and applications

**Module VI – Electrophoresis:** Introduction, principle, instrumentation and applications

Training Programme :-

Training Programme  
on soap, sanitizer, floor cleaner  
Herbal lipstick Making are conducted  
to enhance employability prospects and  
promote entrepreneurship skills.

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Vote of Thanks :- The meeting ended with the vote of thanks by Dr. Monju Gupta.

Concluding Prayer :-  
Concluding prayer was conducted by Dr. Amita Chhabra.

The department is highly grateful to the Principal & Vice Principal for the cooperation.



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# Department Of Botany and Microbiology



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Minutes of the meeting of Board of Studies for B.Sc. I and II Semester, B.Sc. II and III year (Industrial Microbiology, Botany, Environmental Education), M.Sc. I-IV Semester (Microbiology)  
Date: 18/07/22      Time: 12:30 pm

Day: Monday

Member of Board of Studies

Chairperson: Dr. Jonali Nigam

Academic Council Nominee  
Prof. M.K. Gupta

Dr. Japna Rai

Vice Chancellor Nominee  
Prof. P.K. Khare

Industrial Representative  
Mr. Sudhir K. Shrivastava

Faculty Members

Dr. Remina Sobin

Dr. Mamta Gokhale

Mrs. Rashmi Choubey

Dr. Zareen Baksh

Dr. Durga Ray



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Post Graduate Meritorious Alumnus  
Ms. Shaina Gaikwad

## Agenda of the meeting

- i) Opening prayer
- ii) Introduction of the Board of members
- iii) Discussion on NEP syllabi approval of B.Sc. I and II semester, B.Sc. II year for Botany, Industrial Microbiology and Environment Education and B.Sc. III year 1mb/eat.
- iv) Discussion on syllabi of M.Sc. I to IV semester for Microbiology and its approval.
- v) Approval of examiner's panel list.
- vi) Any other matter

## Proceedings of the meeting

- i) Opening prayer: The meeting began with an opening prayer by Dr. Durga Ray.
- ii) Introduction of the Board members  
The Chairperson, Dr. Sonali Nigam welcomed all the Board Members and the experts followed by introducing them.
- iii) Discussion and approval of syllabi for B.Sc. I and II semester and B.Sc. II year  
The syllabus of B.Sc. I semester,



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and B.Sc. II semester, Industrial Microbiology (major), Botany (minor and elective), and Environment education together with the syllabus of B.Sc. II year, Industrial Microbiology (major I and II, Botany (minor and elective), were framed by the faculty members of the Department of Botany and Microbiology and presented to all the experts of B.O.S, as per norms of New Education Policy. A thorough discussion was held on the syllabus and suggestions of the experts were added in the syllabus as following topics -

- B.Sc. I semester - In IMB major a practical entitled 'Demonstration of Motic software for microscope was introduced to develop software skills in microscopy.
- B.Sc. I semester - In Botany according to the local need a topic 'Red Amaranth (Chal Bhaji)' was added in unit 4 the topic is relevant to this unit as it includes ethno-food crops.
- B.Sc. II semester - In IMB major a practical was introduced i.e. 'Measurement of fungal growth'. This is an experiment



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- to enhance skill of fungal identification.
- B.Sc. II semester - According to local need a topic 'Blue Green Algae' was added in Unit 2. As the unit is concerned with Algae the topic was added. BGA has some features similar to algae.
- iv) Discussion and approval of syllabi of M.Sc. I-IV semester (Microbiology) (CBCS)
- Syllabus of M.Sc. Microbiology was framed by faculty members for all the semesters (I, II, III and IV) - The syllabi was presented before experts and an in-depth discussion was held. Following innovative topics and practical were incorporated in the syllabi -
- M.Sc. I semester (Microbiology)
    - In the paper 'Bacteriology' a gender related topic 'Eminent women microbiologists' was added in unit-1 and a skill development based practical i.e. 'Crowded plate technique to check antibiotic potential of Actinomycetes' was also included.
    - In Virology paper a new topic 'Virus-cell interaction' was added in unit-5 as per keeping in view national concern of emerging viruses and diseases caused by them. A practical 'Candling technique to visualize fertilized egg' was also added.



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- In the paper 'Mycology', in Unit-5 a topic 'Significant fungal metabolites' was added. This is a topic concerned with economic significance. A practical on 'Preparation and study of slide culture of fungi' and another practical on 'collection and study of fungal infected plant parts' was also added.

- A practical to enhance skill of DNA isolation a practical on 'demonstration of Gel Electrophoresis' was included in the paper 'Biomolecules'.

## • M.Sc. II Semester (Microbiology)

- In the paper 'Molecular Biology' to make the students understand human values and ethics a topic 'Genetically modified organisms' was included in unit-5.

- In the paper 'Microbial Genetics' to impart professional ethics a topic 'Strain improvement' was added in unit-1.

- In the paper 'Biostatistics' a practical on 'Application of one way ANOVA on percentage seed germination in laboratory' was included to impart understanding and research skill of application of ANOVA.

- In the paper 'Microbial metabolism' three practical namely - (a) Bacterial growth





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curve. (b) Isolation of prototrophs and (c) Optimization of carbon source for growth of selected microbe, were added in the syllabus for developing practical skills.

- M.Sc. III semester (Microbiology)
  - A practical on 'Isolation of air borne microbes through air sampler was included in the paper 'Environment microbiology'. It is a topic with concern to Environment and sustainability.
  - In the paper 'Medical Microbiology', a practical was added - 'To prepare haemin crystals'. This experiment has scope in forensic science and develops practical skills.
  - In the paper 'Agricultural Microbiology' a topic 'Agroforestry' was added in unit - 5 and a practical on 'Use of flame photometer for chemical analysis of soil.' Both the topics and practicals are related to inculcating professional ethics in students.
  - In the paper 'Bioprocess Engineering Technique' two topics were added in unit - 2 i.e. (a) Lyophilization and (b) Sonication. Both the topics are added to develop technical skills. A practical was also added on 'Comparative study of growth of microbial cultures



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in defined media and raw material containing fermentation media.' This experiment will develop skills needed for fermentation industries.

iii) B) Discussion and approval of syllabus of B.Sc. III year, Annual pattern

Syllabus of B.Sc. III year was prepared for annual pattern for the subjects Industrial microbiology and Botany two papers each. The syllabus were presented before experts and as per their suggestions following topics were added -

- B.Sc. III year Industrial microbiology
  - In Industrial microbiology paper I a practical 'Solid State fermentation for production of fungal isolates' was added. It is an employability based experiment related to fermentation industries.
  - In Botany paper-I a practical on 'Development of hydroponic system' was introduced which creates opportunity for entrepreneurship development.
  - In Botany paper-II a practical on 'Microscopic studies under fluorescent microscope' was added to develop technical skills in students.

All the syllabus presented before the experts of BOE were approved.



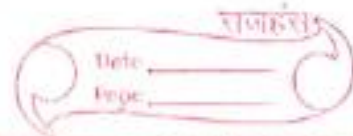
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v) Approval of examiner's panel list -

The list of examiners was prepared. Few names were added in the list and was approved by the experts of the BOS.

vi) Any other matter

- Vocational courses - It was discussed that the vocational courses proposed by Higher Education will be approved as it is.

- Practicals and Projects undertaken under DBT Star scheme were discussed and approved.



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# Department Of Zoology



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राजदिल  
Date \_\_\_\_\_  
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Minutes of the Board of Studies meeting  
held on 22/07/2022

Time: 11:30 am

Venue: Department of Zoology

## AGENDA →

1. Opening Prayer
2. Introduction and welcome of experts
3. Approval of the syllabi of Zoology  
B.Sc I & II Sem under Ordinance 14(A)  
Ordinance for three years under-graduate Degree (CBCS Semester Mode)  
Madhya Pradesh Higher Education:
  - Zoology Major Syllabus
  - Zoology Minor/Elective Syllabus
  - Bee Keeping (Elective Course)
  - Human Diseases (Elective Course)
4. Discussion on the syllabi of Zoology  
(UG - II & III Year PG - I, II, III & IV Sem)  
as obtained from the department of higher education to reframe some repetition and addition of some relevant topics (20% addition allowed under academic autonomy)
5. Approval of the syllabus of Certificate course "Innovative Zoological Practices"



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6. Approval of the syllabus of Certificate Course in "Microtomy".

7. Approval of the list of Examiners Panel for the subject Zoology for the session 2022-2023

Following members attended the meeting :-

1. Chairman/HOD

Dr. Priyanka Sinha

*P Sinha*  
22/07/22

2. Internal Members / Faculty

1. Dr. Runa Paul

*Runa Paul*

2. Dr. Daya Shankar Gautam

*Daya Shankar*

3. Dr. Manju Dixit

*Manju Dixit*

4. Dr. Megha Tiwari

*Megha Tiwari*

One Expert nominated by Vice Chancellor

1. Dr. Shivesh Pratap Singh

Prof. & Head,

Deptt. of Zoology

Govt. P.G. College, Satna

*Shivesh Pratap Singh*  
22/7/2022



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Two experts in the subject from outside of the college

1. Dr. U.S. Parmar  
Professor & Head  
Deptt. of Zoology  
Mahatma Gandhi P.G.  
College, Kareli, J.B.P.

*Dr. U.S. Parmar*  
22/07/2022

2. Dr. Shampa Jain  
Prof. & Head, Deptt  
of Zoology & Biotech  
Govt. M.H. College of  
Science & H.S. (Auto)  
College, Jabalpur (M.P.)

*Dr. Shampa Jain*  
22/7/22

One representative from Industry

1. Mr. Amar Shrivastava  
General Manager,  
Phoenix faculty Farar  
Jorhalpur, Jabalpur

ABSENT

Meritorious Alumni

1. Mr. Aman Singh Bais  
Assistant Professor  
Deptt. of Zoology  
St. Aloysius Institute of  
Technology, Jabalpur (M.P.)

*Aman Singh Bais*  
92/57/92



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## Discussion of the Agenda

- The BOS meeting started with a short prayer to Almighty God to shower his blessings on the students and staff of St. Aloysius' College (Autonomous), Jabalpur
- Dr. Shivash Pratap Singh, Dr. U.S. Parmar, Dr. Shampa Jain and Mr. Anan Singh Baij were welcomed to discuss on various agenda of the meeting
- Following relevant changes and modifications which were done in UG and PG syllabus in view of suggestions given by BOS members, Alumni, Industrialist and Internal members.

## UG Syllabus

- B.Sc I Sem - Major/Minor/Elective Course Title → Animal Diversity - Nonchordata
- B.Sc II Sem - Major/Minor/Elective Course Title → Cell Biology, Reproductive & Developmental Biology
- B.Sc II year - Major/Minor/Elective Paper I - Diversity of chordata Paper II → Physiology & Biochemistry
- Vocational Courses → Advancements in Vermiculture
- Open Electives → 1. Nutrition & Health  
2. Wonders of Animal Diversity





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1. B.Sc III Year.

Paper I → Genetics

Paper II → Ecology and Applied Zoology

B.Sc I Sem

Major Zoology → Animal Diversity - Nonchordata

Various topics were specified which are as follows -

## UNIT I

3.3 Protozoa and disease -

Diseases like Amoebiasis, Trypanosomiasis, Leishmaniasis and Trichomoniasis were specified according to Global need and Employability.

## UNIT II

1.2. Morphology, Reproduction and Development in Sycon were specified according to Employability

2.2 → Morphology and life cycle in Obelia were specified in view of Employment.

## UNIT III

1.2. Larval forms of liver fluke

ing 2.2 Nematodes and diseases viz- Ascariasis, Trichuriasis, Enterobiasis



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Filariasis and Trichinosis were specified according to local and global need. EMP.

## UNIT IV

1.3 → Larval forms of crustacea - Nauplius, Zoea, Megalopa and Mysis larva were specified in view of local and global level.

1.4 Insects as a vector human disease - Culex, Aedes, Tsetse fly and Housefly the various insects were specified according to the employability, local and global level.

B.Sc I Sem

Zoology -

Generic Elective - Animal Diversity: Non Chordata

The generic elective paper credit value is 3. So accordingly the syllabus was reframed, Unit V was merged with Unit IV. The changes has been incorporated and added based on the suggestion of BOS Committee members.



→ The topics were specified in Unit I, II, III & IV were same as in major and minor zoology paper.

→ The elective paper consist of four unit. (UNIT V was merged with UNIT IV)

Unit IV →

→ In Unit IV topics which were added are as follows -

3.1. Phylum Echinodermata: General characters of the phylum and outline classification up to classes with distinctive characters

4.1 Phylum Hemichordata: General characters of the phylum hemichordate and relationship with non-chordates and chordates.

KMP, Global level

## Elective Course - Zoology Practical

The generic elective zoology practical was credit value of 1 i.e. 15 hrs.



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B.Sc II Sem

Major/Minor Zoology - Cell Biology,  
Reproductive Biology and  
Developmental Biology.

UNIT. III

In Recent Assisted Reproductive  
Technique (ART) → MOET (Multiple  
Ovulation Embryo Transfer) topic  
was added. KMP, SD, Global level.

Practical - Major/Minor Zoology

Under DBT Star Scheme following  
practicals were added -:

1. Malaria Antibody Test using  
ELISA Reader
2. Calculation of phase percentage of  
stages of meiotic cell division under  
Phase Contrast Microscope
3. Sperm Morphology.

KMP, SD and Global level.

Elective Zoology - Cell Biology, Reproductive  
Biology and Developmental Biology



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→ The topic MOET (Multiple Ovulation Embryo transfer) was added in Unit III same as in major/minor zoology syllabus. KMP, SD, Global level

→ The elective paper credit value is 3 i.e. 45 hrs. The paper consist of four units. (Few topics of Unit V was added in Unit IV). The topics are :-

1) Extra embryonic membrane:  
Formation and functions was added in UNIT IV. KMP, Global level

## Generic Elective - Zoology Practical

The elective zoology practical was reframed according to credit value - 1 i.e. 15 hrs.

## OPEN ELECTIVES.

B.Sc I Sem → Human Diseases  
Theory and practical syllabus was adopted as directed by MPHE according to NEP 2020

B.Sc II Sem → Bee Keeping  
Theory and practical syllabus was adopted as directed by M.P.H.E according to NEP 2020



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B.Sc II year Major paper I / Paper II,  
Minor & Elective

Major Paper I - Diversity of Chordates  
and Comparative Anatomy  
Major Paper I - Practical

The syllabus was adopted as directed  
by department of higher Education  
Govt. of M.P., as recommended by  
Central Board of Studies in Zoology

Major paper II / Minor / Elective Zoology  
→ Physiology and Biochemistry

Theory syllabus was adopted as directed  
by department of higher Education Govt.  
of M.P., as recommended by Central  
Board of Studies in Zoology

In Practical syllabus few topics  
were added under DBT Star scheme :-

1. Semen analysis and exercise on Sperm count.
2. MTT Assay using ELISA microplate Reader
3. Preparation of extract using Rotary Vacuum Evaporators.  
SD, Global level



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## OPEN ELECTIVE - ZOOLOGY

Wonders of Animal Diversity - Theory  
Unique world of Animals - Practical  
Theory & Practical syllabus no changes was  
approved by the committee members  
of BOS.

## VOCATIONAL COURSE - VERMICOMPOSTING

Course Title → Vermicomposting

Theory and practical syllabus  
was approved to adapt as designed  
by MP Higher Education according to NEP 2020  
B.Sc. III year.

Theory syllabus

Paper I - Ecology and Applied Zoology

Topics added in Unit III -

1. Rare, Endangered and Threatened (RET) species of India KMP; local level

Practical Syllabus - Few topics were  
added under DBT Star Scheme

1. Study of Principle and Working of PCR
2. Comparative analysis of short DNA Sequences using PCR thermocycler
3. Study of Human Karyotype under phase contrast Microscope.  
KMP, SD, Global level



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## M.Sc Zoology I Semester

### Paper II - Structure & Function of Invertebrates

#### Unit V

In Invertebrate larval forms class-trematoda was replaced by class-Digenea. The name was changed due to the classification followed by Parker and Haswell.

### Elective Course - Wild life Conservation (Paper V)

#### Unit II - Topics were added

1. World wide fund of Nature
2. Wild life Institute of India  
EMP, Global level

## M.Sc Zoology II Semester

### Paper I - General & Comparative Animal Physiology and Endocrinology EMP

#### Unit I -

Chloride shift was added.  
EMP

### Paper II - Population Ecology and Environmental physiology. EMP

#### Unit III





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Law of limiting factors was specified  
w.r. Liebig's law, Blackman's law and  
Shelford's law EMP

Unit V

Topic Sleep cycle was added. EMP

Paper III - Tools and Techniques in  
Biology - No changes

Paper IV → Molecular Cell Biology and  
Genetics - No changes

Elective Course - Applied Entomology.  
(Paper V)

Unit IV -

Topic - beneficial insects was added.  
EMP

M.Sc Zoology III Semester

Elective Course - Sericulture (Paper V)

Unit I →

Topic - Scope of Sericulture & Entre-  
preneurship in Silk industry were  
added. KMP, SD, local

Practical II →

Cell separation using HiSep was  
added. SD



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M.Sc IV Sem. Zoology

Theory papers no changes.

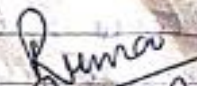
Practical


In major dissection -  
Nervous system of scoliodora was  
added. S.D


As directed by the B.O.S members  
few changes were incorporated in  
UG & PG syllabus. Any changes directed  
by Deptt. of higher education, Govt. of  
M.P. will be incorporated as and  
when necessary.

  
Dr. Priyanka Sinha  
Signature of H.O.D / Sign of Chairperson of  
BOS committee.

Internal Members / Faculty

  
Dr. Ruma Paul

  
Dr. Daya Shankar  
Gautam

  
Dr. Manju Dixit

  
Dr. Megha Tiwari



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# Department Of Physics



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Session - 2022-23

The meeting of Board of Studies in Physics, St. Aloysius College, Jabalpur was held on 16 July 2022 from 12:00 noon.

Agenda of the meeting →

- \* Discussion on previous meeting points
- \* Discussion and designing of syllabus on the basis of NEP.
- \* Discussion on the scheme for Semester system students
- \* Approval of Paper setter/Examiners followed by concluding prayers and vote of thanks.

Following members were present in the meeting →

Chairman - Dr. Pramod Chaitanya  
Secretary - Dr. Deepthi S. Deshpande

Faculty members -

Dr. K. Das  
Dr. Nisha Pandey  
Dr. Poonam Pendke

V. C. Nominee → Dr. Pragesh Agrawal  
College Alumni → Prof. M. Kellese



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Sub. Expert — Dr. H. S. Tiwari  
Dr. M. K. Roy

Industrialist — Mr. Prakash Chandra Sawathe

The meeting started with opening prayer and by welcoming all the BOS members.

\* Minutes of the previous meeting were read and approved.

\* As per the ordinance issued by Dept. of Higher Education Govt. of M.P. College is adopting semester pattern from this session.

\* NEP syllabus for semester system was modified by department and proposed for discussion.

\* Paper-I for major & minor is considered as Mechanics and General properties of matter. This paper will offered in Sem I. In unit I the topic Oscillation in detail were added in place of preliminary mathematical background.

\* Regarding elective it was unanimously approved by BOS. The elective



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paper will consist of four units having 3 credits and 1 credit for lab work.

Syllabus of elective paper were designed accordingly.

Unit	Title
1	Oscillations and Astro Physics
2	Mechanics of Rigid & deformable bodies
3	Fluid Mechanics
4	Gravitational Potential and central forces.

As per the suggestion of Prof. J. M. Kellese it was decided that students who opt physics as elective may perform six experiments.

\* In B.Sc. II Sem. Thermodynamics and Statistical Physics will be paper for Minor and Major. Syllabus of this paper were designed considering Higher Education Syllabus and Institute of Excellence in Higher Education Bhopal and from UGC Model curriculum.

After detail discussion it was decided that few topics must be added in the syllabus proposed by Dept. of Higher Education Govt. of M.P.



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Accordingly following topics were added

Unit	Topics
1.	Contribution of S. N. Bose in Thermodynamics, Diesel cycle, Clausius Clapeyron statement
2.	Second law of thermodynamics in terms of entropy, Connection of Entropy with disorder, Entropy as unavailable energy for work, Entropy and heat death of universe.
3.	Deviation of behaviour of a real gases from ideal gas
4.	Distinguishable and indistinguishable particle and its consequences (in microstate).

\* In B.Sc. II sem Thermodynamics and Statistical Physics will also be offered as elective. The elective paper will consist of 4 units having 3 credits and 1 credit for lab work. Syllabus of elective paper were designed accordingly.



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Unit	Topics
1.	Laws of Thermodynamics
2.	Entropy and Thermodynamics, Potential and its application
3.	classical statistics
4.	Quantum statistics

In these units some of the portion of Historical background: A brief historical background of thermodynamics and statistical physics were dropped.

\* Dept. will offer a paper titled Non conventional energy sources as open elective, this will be of 4 credits without lab. As per the suggestion of the experts the syllabus prescribed by Dept. of Higher Education Govt. of M.P. was adopted.

\* In B.Sc. II yr. students who have opted physics as major will study Paper I and paper II both while students who have opted physics as minor and elective will study only paper II.





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\* In Paper I two topics namely  
1) Condition necessary for interference  
2) Double refraction  
were added in the syllabus prescribed by Dept. of Physics, MP Higher Education Group of MP. Similarly in paper II the topic titled Integral and Differential form of Faraday's Law were added.

In paper II few relevant practicals were also added

- 1) Study of Sensitivity of CRO
- 2) Verification of the Thevenin's theorem
- 3) To draw the B-H Curve and determination of Hysteresis loss
- 4) Determination of impedance and power factor using LCR circuit
- 5) Verification of the superposition theorem.

\* Syllabus for B.Sc. III year and M.Sc. was also put forward along with the list of experiments.

\* The existing list of examiners was updated.

\* The meeting ended by concluding prayer and vote of Thanks.



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Topics like conveyor belt hopper, Heat engine, musical notes, musical scale, photography etc. are fullfill the local and regional needs.

While topics like, Diesel engine, Entropy, and heat death of universe  
Three dimensional movie etc are fullfill the national & international needs

Topics like AC & DC motor, construction and working of single phase motor etc of vocational course (Electrical technology) improve the employability, entrepreneurship, skill of students.

Under cross culty issues, the course addressig issues relvent to professional ethics is lab course [ in laboratory we trained students to take obseruatiin honestly without any manipulation.



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# Department Of Biotechnology



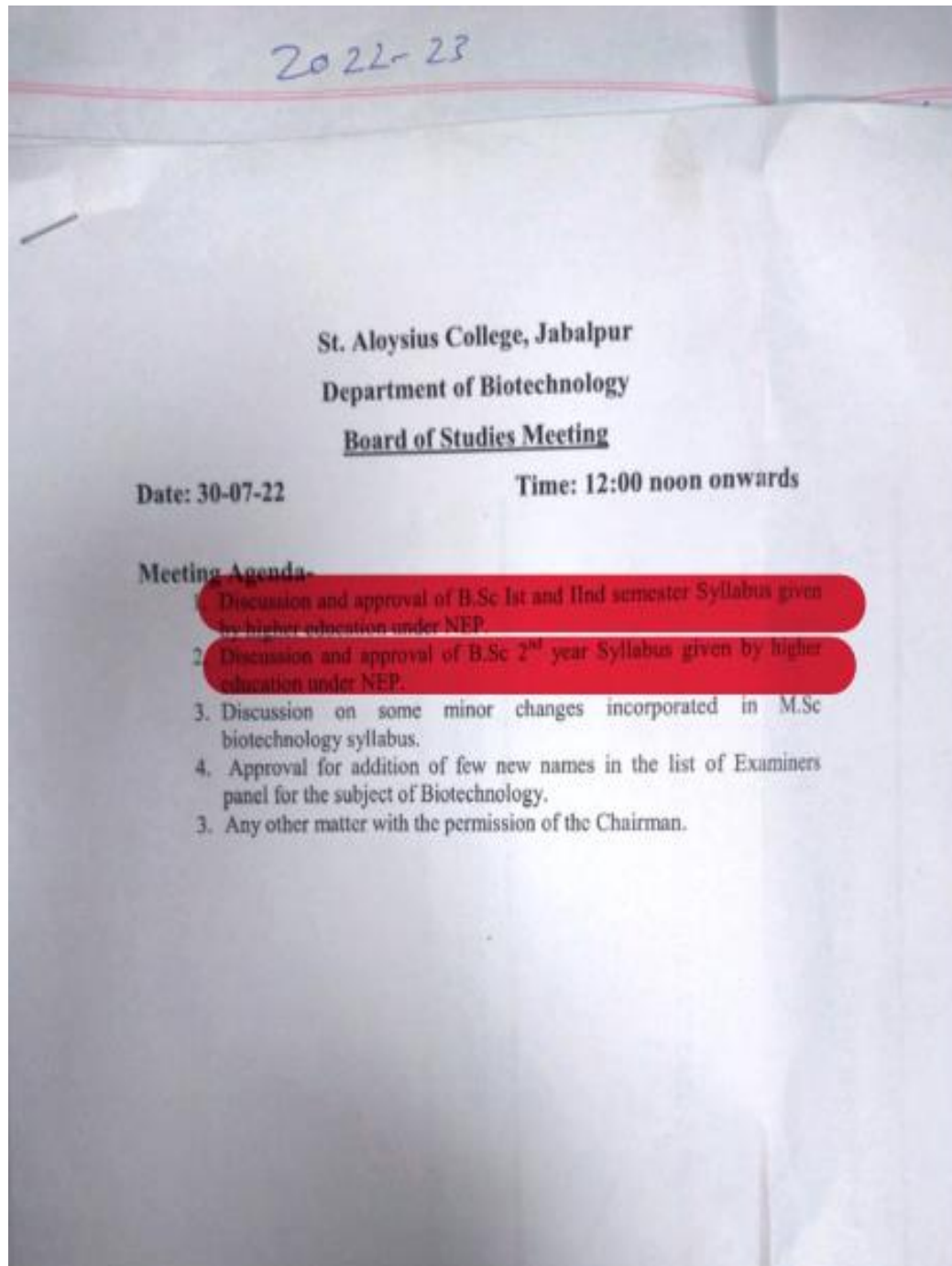
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A board of studies meeting was held on 30/07/22.

The following members were present in the meeting.

1. Dr. Lavani Kant Pandey (Chairman)
2. Dr. S. N. Baghel
3. Dr. Anil Pataniya
4. Mr. Vijaya Chatterjee
5. Mr. Enoch Phillip
6. Mr. Nitin Suman
7. Dr. Ramesh Kumar

The agenda of the meeting was given below:

Points of discussion according to agenda

1. As per discussion in B.S. 1<sup>st</sup> year the paper I has been adopted for 1<sup>st</sup> sem & paper II of yearly system has been adopted for B.S. II sem.

2. As the syllabus of B.S. 2<sup>nd</sup> year was given by MP higher education under NEP for first time. So after discussion with conference it has been approved & adopted a new

3. In M.S. on practical has been added

→ Isolation & characterization of fungus present in PG - III<sup>rd</sup> sem

4. Few new norms has been incorporated



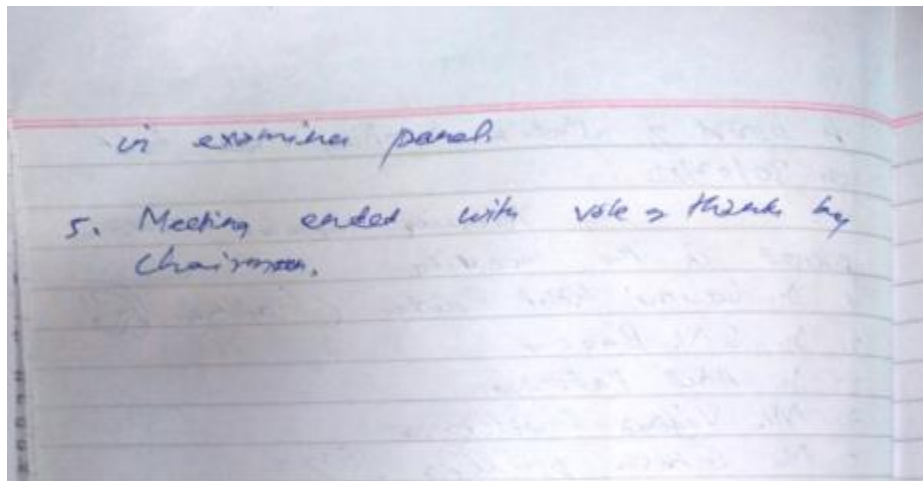
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# Department Of Mathematics



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The Board of Studies in Mathematics for the session 2022-23 (odd semester) was held on 23-07-22 from 12.00 Noon. The following members were present

1. Dr. Mandira Kar (Chairman BOS) Mandira
2. Dr. Meeta Darbani (member)
3. Dr. Pratibha Rishchaniya (member) Pratibha
4. Dr. Archana Pasari (member) Archana
5. Mr. Satyendra Jaisi (member) Jaisi
6. Prof. Mridule Dube (VC Nominee)
7. Dr. J. K. Maitra (AC Nominee)
8. Dr. Rishabh Tewari (Ex-Student)

Dr. Akhilesh Pathak (member and secretary BOS) and Prof. Manoj Shukla (AC Nominee) and Mr. Maxim James (Industrialist) were not present for the meeting.

The agenda was

- 1) Review of the B.Sc I semester and B.Sc II sem syllabus as per NEP. It includes paper Major (I and II), Minor and Elective Scheme & Assessment too.
- 2) Review of the B.Sc II year syllabus as per NEP. It includes paper Major (I and II), Minor and Elective Scheme & Assessment too.
- 3) Review of the existing scheme and syllabus of B.Sc III year
- 4) Review of the existing scheme and syllabus of PG (I, II, III and IV semesters)

Teacher's Sign





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5) Scheme & syllabus of the existing two certificate courses - 'Vedic Mathematics' and 'Basics of Mathematics for Computation' to be taken up this academic session 2022-23.

6) Examiner's list

1) In accordance to the semester scheme of NEP, syllabi of B.Sc I Sem and B.Sc II Sem was discussed at length. Major Papers (I + II), Minor Paper, Elective Papers were approved with their course learning outcomes. Internal and External assessments were also approved. Internal - 40 and External -

2) In accordance to the yearly scheme of NEP, syllabi of B.Sc II year was discussed and approved. Major Papers (I + II), Minor Paper, Elective Papers and their assessment scheme was approved. Internal - 30 and External -

3) The existing scheme and syllabi of B.Sc III year was reviewed and approved.

4) The existing scheme and syllabi of M.Sc (I, II, III and IV) semesters were reviewed and approved.

5) Two certificate courses - 'Vedic Maths' and 'Basics of Maths' were re-approved.

Teacher's Sign



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## Notification

As per the guidelines of UGC, New Delhi for Autonomous Colleges, Board of Study in Department of Mathematics, St. Aloysius College (Autonomous), Jabalpur for 2022-2024 is constituted as follows:

S.No.	Members	Name
1	Chairman	Dr. Mandira Kar Head, Dept. of Mathematics St. Aloysius College (Autonomous), Jabalpur
2	Departmental members	Dr. Mita Darbari Dr. Akhilesh Pathak Dr. Pratibha Richhariya Dr. Archana Pasari Mr. Satyendra Kumar Jain
3	Vice Chancellor nominee	Prof. Mridula Dube Director, UICSA, RDVV Jabalpur
4	Two Subject Experts nominated by the Academic Council	Prof. Manoj Shukla Head, Dept. of Mathematics IEHE, Bhopal  Dr. Jitendra Kumar Maitra Head, Dept. of Mathematics and Computer Science, RDVV, Jabalpur
5	Industrialist	Mr. Maxim James Founder Director- Indfinity GRC Consulting Pvt. Ltd Kochi, Kerala, India
6	Meritorious Ex Student	Dr. Rishabh Tiwari Dept. of Mathematics J.S.T PG College, Balaghat

*Mandira Kar*

Dr. Mandira Kar

**Dr. Mandira Kar**

Head, Dept. of Mathematics

Dept. of Maths

St. Aloysius (Auto.) College Jabalpur

Jabalpur

*G. Vazhan Arasu*

Dr. Fr. G. Vazhan Arasu

**PRINCIPAL**

Principal  
St. Aloysius College (Autonomous)

JABALPUR- 482001 (M.P.)

St. Aloysius (Auto.) College, Jabalpur

INDIA





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# Department Of English



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2022-23

## Board of Studies Meeting.

Date: 07/07/2022

Day: Thursday

Time: 12pm onwards.

Venue: Platform-Virtual via Google Meet.

### Board Members:

1. Prof. K.M. Pande
2. Prof. Shahbaz Khan
3. Dr. Shilani Basu Duley
4. Dr. Pankaj Shukla
5. Ms. Nandini Agrawal
6. Dr. Neelanjana Pathak
7. Dr. Niharika Singh
8. Dr. Soma Guha Das
9. Ms. Neha Mahawar
10. Ms. Saumya Gupta

Neelanjana  
Pathak  
Soma Guha Das  
Neha Mahawar  
Saumya Gupta

### Agenda:

- Opening Prayer
- Minutes of BOS Meeting, 2021-22
- Syllabus approval of
  1. BA I & II Semesters English Literature, Functional English and First Semester UGPE II (English Language & Indian Culture) for all streams.



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2. B.A.-II Year English Literature,  
Functional English & Foundation  
Course (FC-II) English Language &  
Indian Culture (for all streams)

3. MA-IV Semester (Inclusion of Review  
Writing/ Writing Research Paper  
instead of Comprehensive Viva)

4. Certificate Courses - Merging Spoken  
English & Proficiency in English

5. Suggestion for internships and  
collaboration.

6. Request to provide feedback on the  
syllabus.

7. Any other matter with the permission  
of the Chair.

→ The Board of Studies Meeting (Newly  
constituted 2022-25) for the academic  
session 2022-23 began with a  
welcome note by Dr. Neelanjana  
Patil, Head & Chairperson, BOS  
English, St. Aloysius' College.

→ The Opening Prayer was said by  
Dr. Niharika Singh.



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→ Dr. Soma Gurha Das, Secretary, BOS read out the minutes of the previous meeting which was held on 23/10/2021. The minutes were proposed by Dr. Niharika Singh and seconded by Dr. Shilemi Basu Daleey.

→ Dr. Neelanjana Pathan introduced the board members. Then she read out the agenda for the meeting. A detailed discussion was conducted on all the points.

→ In English literature and Functional English, the approval of BA-I & II Sem

BA-I Sem (Paper-I) (Major - Drama)  
BA-II Sem (Paper-II) (Minor - Poetry)  
BA-I Sem (Paper-I Functional English)  
BA-II Sem (Paper-II Functional English)

and was gained unanimously. The nominee Prof. Pande said the NEP syllabus is very well-structured and designed from the point of view of competitiveness and can be adopted as it is.



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→ BA II year syllabus  
Paper-I (Major - Prose)  
Paper-II (Minor / Elective) - Fiction  
Paper-I Functional English  
and Foundation Course-II (English <sup>Language</sup>  
and Indian Culture) [all streams]  
were discussed and approved by the  
board unanimously.

The chairperson discussed each  
unit and the members gave  
their approval.

→ Dr. Pathak proposed to include  
Review Writing / Writing Research  
paper instead of 'Comprehensive  
Viva' (which is presently existed) in  
MA-IV Sem syllabus which was  
agreed and approved by the members.  
The members said this initiative  
would help foster both creative  
and critical <sup>insights</sup> ~~strengths~~ and lead  
to research oriented aptitude in  
students.

→ Dr. Soma Guha Das informed the  
board about all the certificate  
courses which are conducted by  
the department ("Proficiency in  
English", "Spoken English" and "Towards  
Better Communication: Honing LSRW  
Skills in English") she further said



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that there is a plan to merge into a Diploma Course titled "English Language Enhancement Certificate Course". This course will be divided into four (4) modules of 15 hours each.

→ Dr. Pathak mentioned that the same shall be discussed in detail in the successive meeting to be held in December 2022.

→ Dr. Shikemi Basu Dubey hereby suggested to increase the number of hours assigned to each module.

→ Dr. Neelanjana Pathak then invited suggestions on Internship for the I Sem students and collaboration from the Board Members.

→ Dr. Shahnaz Khan suggested that the students can choose to do internships in Courts, Hospitals, Hotels, Corporations etc., to learn Industry-Specific English. She added that it will help them to have a practical exposure to the day-to-day problems of life, which are ultimately what literature mirrors in its myriad forms.





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- Dr. Shibani Basu Dubey suggested that the students can opt for teaching, web-content writing, reviewed of books with publishing houses etc. (for internships).
- For Collaboration, Dr. Shibani Basu Dubey suggested that the Educational Institutions can collaborate for faculty/ students exchange programme.
- Then, the Chairperson proposed to the esteemed members to collaborate for a Guest Lecture for the students of St. Aloysius' College tentatively in the month of July/August, 2022.
- The Secretary requested the Board members to send the feedback wherein Dr. Niharika Singh suggested to invite feedback through the already proposed Google Form for the same.
- Dr. Niharika Singh informed about the new MOUS entered in, by the Department of English, St. Aloysius' College with other Institutions.



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Dr. Neelanjana Patnan welcomed any further questions and suggestions by the members of the board.

The vote of Thanks was proposed by Ms Neha Mahawar, followed by a group photo and the meeting concluded post this virtual photo session.

Minutes prepared by

Somayubhadra

Dr. Soma Gubha Das.

Secretary, BOS

Neelanjana  
Department of English  
St. Aloysius' College  
Head  
(Autonomous), Jabalpur  
of English.



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# Department Of Hindi



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07/07/2022

अध्ययन मंडल बैठक

दिनांक - 09 जुलाई 2022  
समय - प्रातः 10.00 बजे से

हिन्दी विभाग की सत्र 2022-2023 की अध्ययन मंडल की ऑनलाईन बैठक जूम ऐप के माध्यम से दिनांक 09 जुलाई 2022 को प्रातः 10.00 बजे से कॉन्फ्रेंस रूम में आयोजित की गई। इसमें निम्नलिखित सदस्यों की उपस्थिति रही-

1. डॉ. रामेन्द्र प्रसाद औसा
2. डॉ. कैरोलिन सैनी
3. डॉ. रीना थॉमस
4. डॉ. अभिलाषा शुक्ला
5. डॉ. खेमसिंह डहेरिया
6. श्री हर्षवर्धन त्रिपाठी
7. डॉ. देवमार्ति मिश्र
8. डॉ. अमित शुक्ल
9. डॉ. दीपक पांडेय

बैठक का कार्यवृत्त

1. प्रार्थना
2. सदस्यों का स्वागत
3. पाठ्यक्रम अनुमोदन
4. प्राथमिक सूची
5. आभार प्रदर्शन

07/07/2022 अध्यक्षता संभालने डॉ. रीना



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में डॉ. हेरोलिन सैनी के द्वारा प्राधिका की गई। इसके उपरांत हिंदी विभाज एवं हिंदी अध्यायन मंडल के अध्यक्ष डॉ. रामेश्वर प्रसाद जोड़ा के द्वारा नये अध्यायनमंडल के सभी सदस्यों का परिचय करते हुए वक्तव्य किया गया।

पाठ्यक्रम अनुसूचना - इसके अंतर्गत हिंदी भाषा, हिंदी साहित्य, प्रयोजनमूलक हिंदी के पठनपत्री एवं जैनेतिक इलेक्टिव विषयों पर कक्षावार चर्चा की गई।

प्रथम सैमिनर

⇒ हिन्दी भाषा - भाषा और संस्कृति - संस्कृत रचिकार किया गया।

⇒ हिन्दी साहित्य (गेजर/मार्किंग) - हिन्दी काल्य इकाई पाठ्य में 'इंदु बहादुर और (व्याख्या एवं समीक्षा) मूल्य पथ का राही (सुरबाला) को जोड़ा गया।

⇒ हिन्दी साहित्य (इलेक्टिव) - हिन्दी काल्य - इकाई चार में 'इंदु बहादुर और (व्याख्या एवं समीक्षा) मूल्य पथ का राही (सुरबाला) को जोड़ा गया।

⇒ प्रयोजनमूलक हिंदी (गेजर/मार्किंग) - प्रयोजन मूलक हिंदी परिचय एवं विविधता



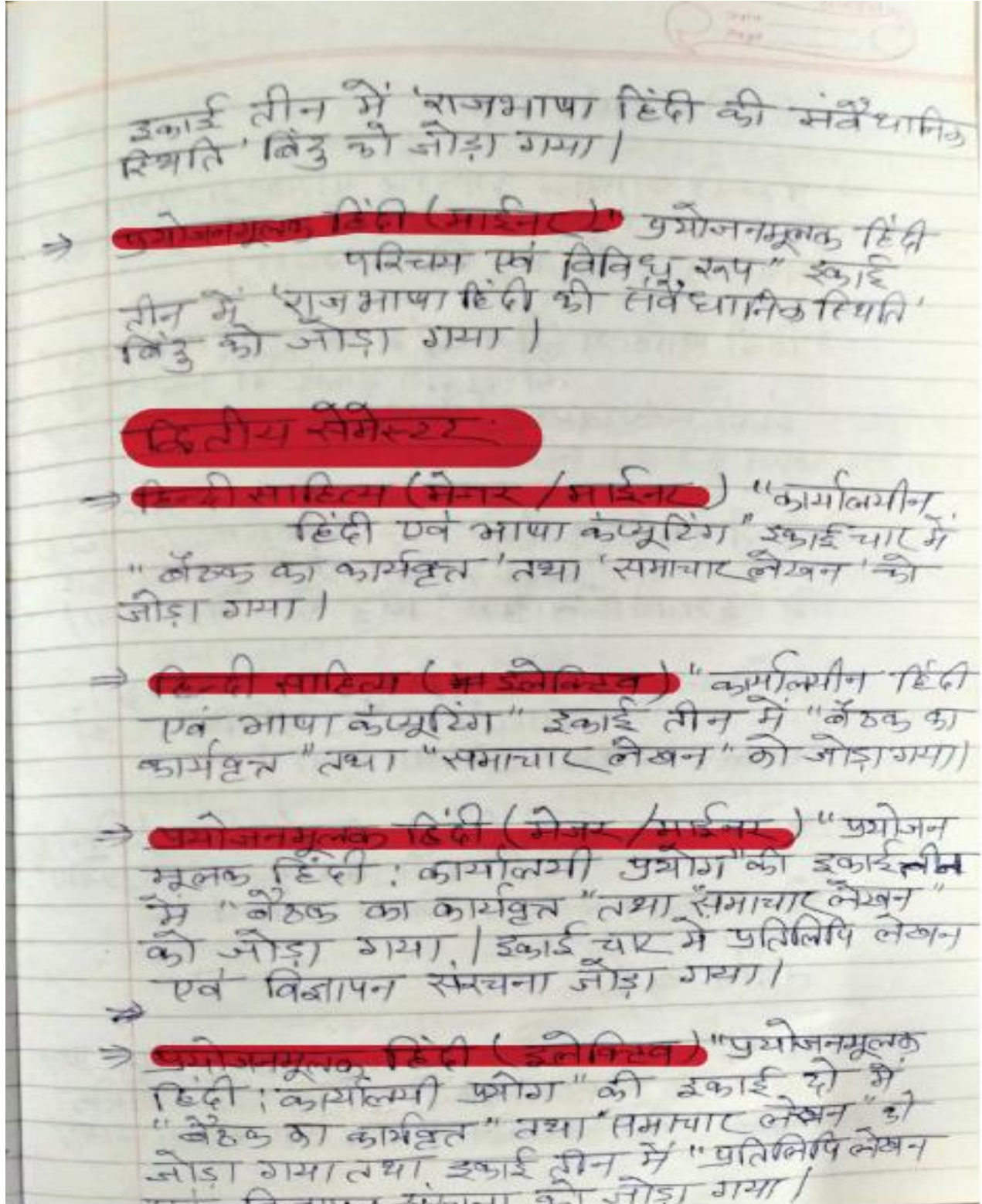
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इकाई तीन में 'राजभाषा हिंदी की संवैधानिक स्थिति' बिंदु को जोड़ा गया।

⇒ **प्रयोजनमूलक हिंदी (माईनर)** "प्रयोजनमूलक हिंदी परिचय एवं विविध रूप" इकाई तीन में 'राजभाषा हिंदी की संवैधानिक स्थिति' बिंदु को जोड़ा गया।

## द्वितीय सेमेस्टर

⇒ **हिंदी साहित्य (मेजर/माईनर)** "कार्यालयीन हिंदी एवं भाषा कंप्यूटिंग" इकाई चार में "बैठक का कार्यक्रम" तथा "समाचार लेखन" को जोड़ा गया।

⇒ **हिंदी साहित्य (अइलेक्टिव)** "कार्यालयीन हिंदी एवं भाषा कंप्यूटिंग" इकाई तीन में "बैठक का कार्यक्रम" तथा "समाचार लेखन" को जोड़ा गया।

⇒ **प्रयोजनमूलक हिंदी (मेजर/माईनर)** "प्रयोजनमूलक हिंदी : कार्यालयी प्रयोग" की इकाई तीन में "बैठक का कार्यक्रम" तथा "समाचार लेखन" को जोड़ा गया। इकाई चार में प्रतिलिपि लेखन एवं विज्ञापन संरचना जोड़ा गया।

⇒ **प्रयोजनमूलक हिंदी (इलेक्टिव)** "प्रयोजनमूलक हिंदी : कार्यालयी प्रयोग" की इकाई दो में "बैठक का कार्यक्रम" तथा "समाचार लेखन" को जोड़ा गया तथा इकाई तीन में "प्रतिलिपि लेखन" एवं विज्ञापन संरचना को जोड़ा गया।



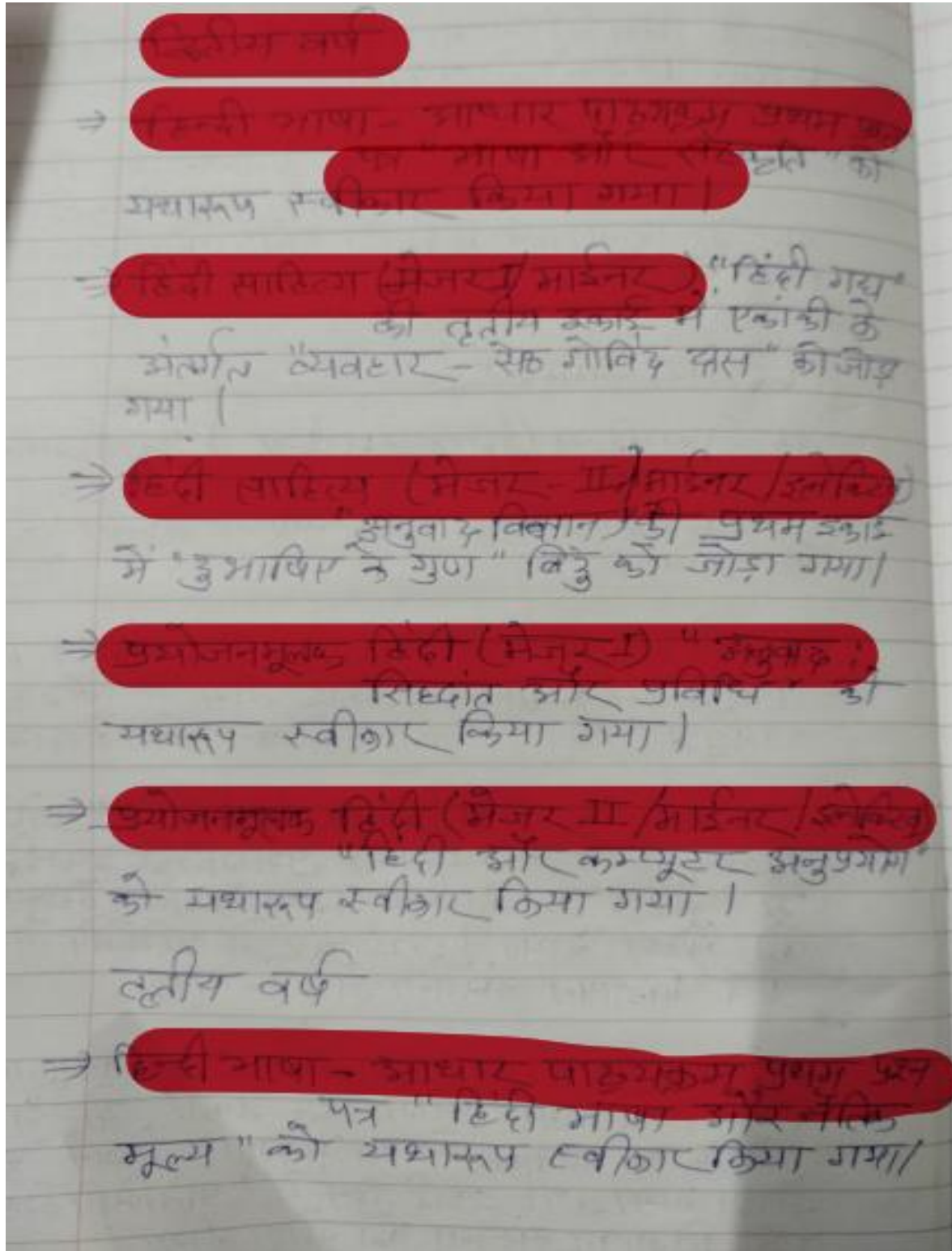
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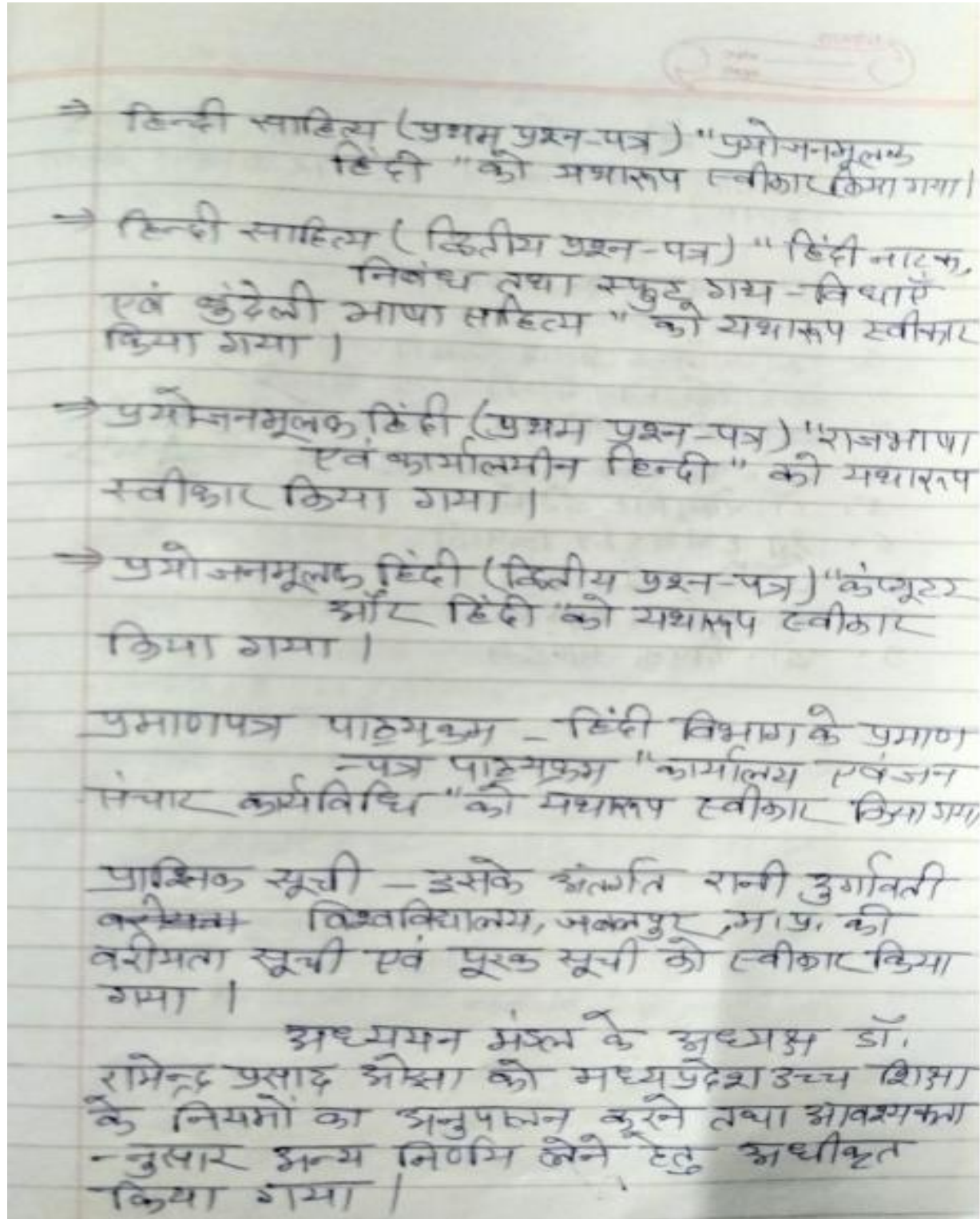
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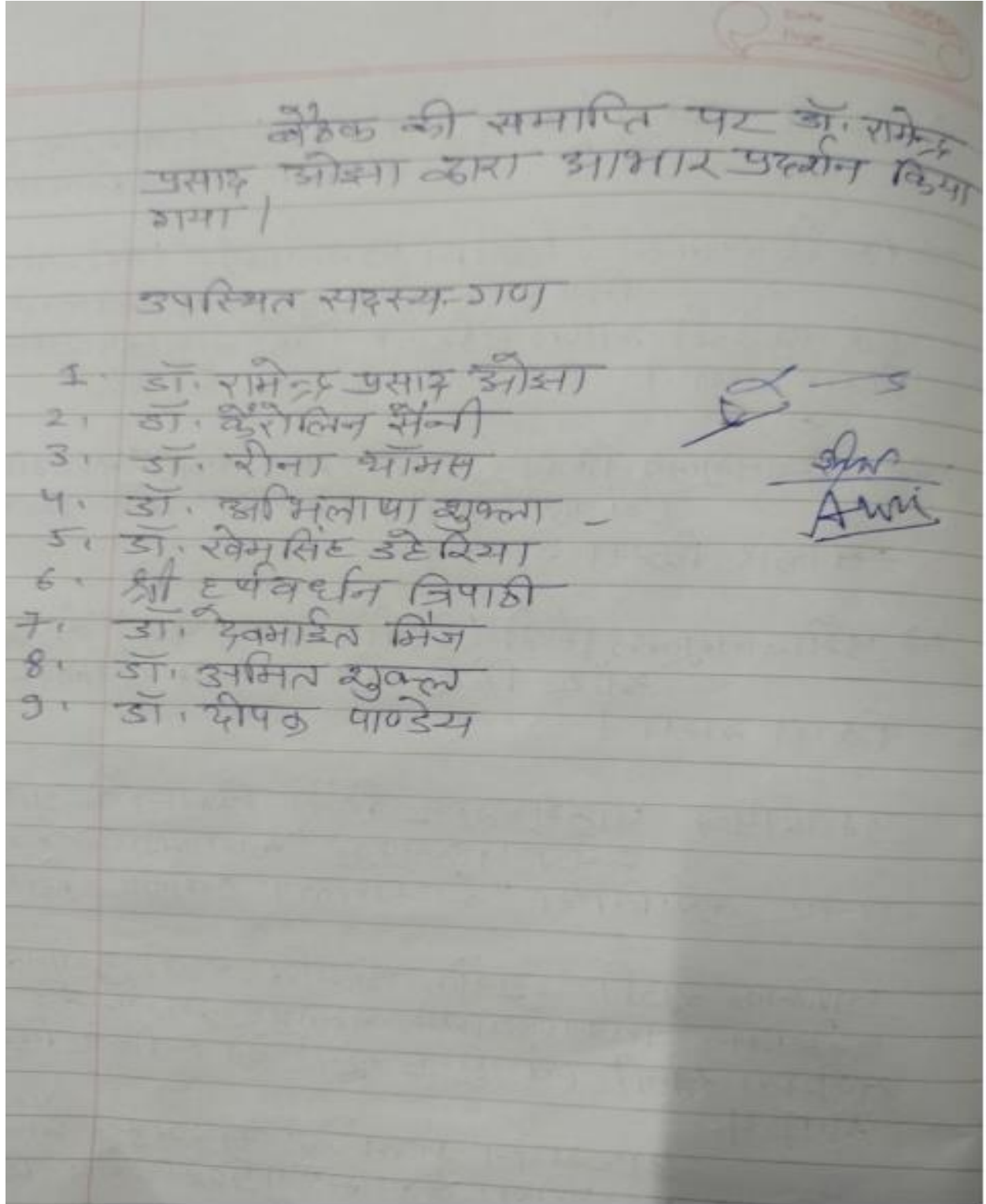
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# Department Of History



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## Board of studies Meeting History.

Date - 30-6-2022

Time 11:30 Am

### Agenda -

1. Discussion on syllabus of UG(History)
2. Discussion on internship / Field Project / Community Based service.
3. Any other matter with the permission of chair

### Members.

1. Dr. Manju Maria Solomon - Chairperson  
Head, Dept. of History
2. Prof. A. P. Ojha - V.C. Nominee  
Prof. Dept. of History  
University of Allahabad U.P.
3. Prof. Victor Babu - A.C. Nominee  
Prof. & Head Dept. of History (Subject Expert)  
BSA. Uni. Lucknow, U.P.
4. Dr. Navneet Girdhar - A.C. Nominee  
Prof. & Head Dept. of  
History Govt. Girls P.G.  
College, Sagar, M.P.
5. Dr. Manish Agrawal - Industrial Representative
6. Dr. Subhash chandra - Meritorious  
Sharma. Prof. & Head Alumnus.  
Dept. of History.  
R.D.V.V. Jabalpur



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The meeting commenced with a short prayer by Dr. Manju Maria Solomon.

Minutes of last Bos

Minutes of the last meeting was read by Dr. Manju Solomon which was proposed by Dr. Alpha Singh and seconded by Dr. Navneet Girdan.

Discussion on Syllabus.

There was a long and deep discussion on UG history syllabus. Dr. Manju Solomon has given a presentation on Syllabus and the members unanimously passed it.

The department proposed following modifications in the syllabus of B.A. Semester First

paper - Idea of Bharat (Theory)

Local topic "Achievements of Rajshahar

it is to be added as sub-heading in Unit 4. in Elective paper.

Syllabus B.A. II year N.E.P.

As per



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The New Education Policy  
Second year Paper - II History  
of Modern India from 1740 to  
1947

To cater the local and Regional  
Need of the history department  
proposed "Seth Govind Das  
contribution in the freedom  
struggle movement of Madhya  
Pradesh." This <sup>local</sup> topic is to  
be added as sub heading  
in unit - 4 in Elective Paper.

B.A. II year old Scheme  
Paper - 1 History of India  
from 1740 to 1857 AD.

members discussed on Gender  
related topic such as Role of  
Women in freedom struggle  
Rani Laxmi Bai, Rani Awanti  
Bai, Jalkari Bai.

In unit IV Topic status of  
Women, one topic suggested  
by Dr. Aklesh. Rani Ahilya  
Bai Holker. After discussion  
the board members unanimously  
approved the syllabus

Paper - II History of India  
from 1857 to 1950 AD. Dr.



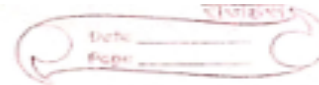
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Nareen Girdvan suggested  
some New ed. and winter Books.

Discussion on Field Project / Internship  
Community Based Services

There was  
detailed discussion on students  
Project and **internship** and  
Community Based Services:

on the  
basis of the feedback given by  
the passed out students. The  
members advised the research  
projects should be done for  
NIP second year students.  
Dr. Solomon informed members  
for **internship** - "Recycle to  
Save Resources foundation a  
NGO dedicated to recycling  
and **conserving resources** in  
the **environment** for Projects and  
Internship the members advised  
the research topics incorporate  
**environmental issues** and **cross  
cutting issues** of the society  
at local, regional, national  
and international level. Research  
should Projects should be of  
interest of the students.



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Any other matter with the permission of chair.

To enhance the employability skills the dept is running online certification course on chronology from Ancient India to Medieval India.

Availability of components promoting skills - Activities suggested. Debate, Presentation to freedom movements and the concept of nationalism.

Dr Naveen Gidion suggested map work to enhance knowledge of regional geography. To enhance awareness about environment and sustainability. Dr Solomon suggested poster making on environment conservation.

Vote of Thanks. - Meeting ended with vote of thanks by Dr. Manoj Solomon.





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# Department Of Economics



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## BOARD OF STUDIES MEETING

Date : 27<sup>th</sup> June, 2022

Time : 11:00 AM

Agenda : The Board of Studies Meeting was held on 27<sup>th</sup> June, 2022 at 11:00 AM in online mode. The agenda of the meeting was as follows:

- ⇒ Prayer
- ⇒ Minutes of Previous Meeting
- ⇒ Discussion on Syllabus
- ⇒ Any Other Matter.
- ⇒ Vote of Thanks.

### Members :

Dr. Reeta Chauhany  
Rev. Dr. G. Vazhan Arasu  
Dr. Anthonina K. Robin  
Dr. Renu Marikande  
Prof. Brahlad Kumar  
Prof. S. K. Choubey  
Dr. Niti Jain  
Dr. A. D. Vishwas  
Mrs. Chitresha Pillai



# ST. ALOYSIUS' COLLEGE

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**Prayer :** The online meeting of Board of Studies in Economics was started with a short prayer by Dr. Reeta Chouhan. She also welcomed all the board members and introduced the agenda for the meeting.

**Minutes of Previous Meeting :** Minutes of the previous meeting were read out by Dr. Anthonima R. Robin and the minutes were proposed by Prof. Prahlad Kumar and seconded by Dr. Reem Meera.

**Discussion on Syllabus :** Based on National Education Policy, the syllabus for BA I year according to semester scheme, comprising of major, minor and Elective course and BA II year as per annual scheme were put forward for discussion before the Board of Studies. New Technology in agriculture, MSME, Start-Up, India, Make in India and Atm Nirbhar Bharat and Employment oriented schemes in Madhya



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Roadside and Banking systems in India topics were included in the syllabus, which will enhance entrepreneurship, skill development and employability among students.

After a long discussion on various dimensions related to the syllabus, the syllabus was approved by the Board unanimously.

It was also discussed that the practical aspects related to the different topics will be given more focus. The second years major, minor and elective papers were also discussed and approved by the Board of Studies.

**Any Other Matters:** It was suggested by Prof. Prashad Kumar that some other topics, which are not included in the syllabus can be taken up as certificate courses. He also suggested to start a new add-on course based on ancient economic philosophies. Prof. Shailesh Choubey suggested to take up



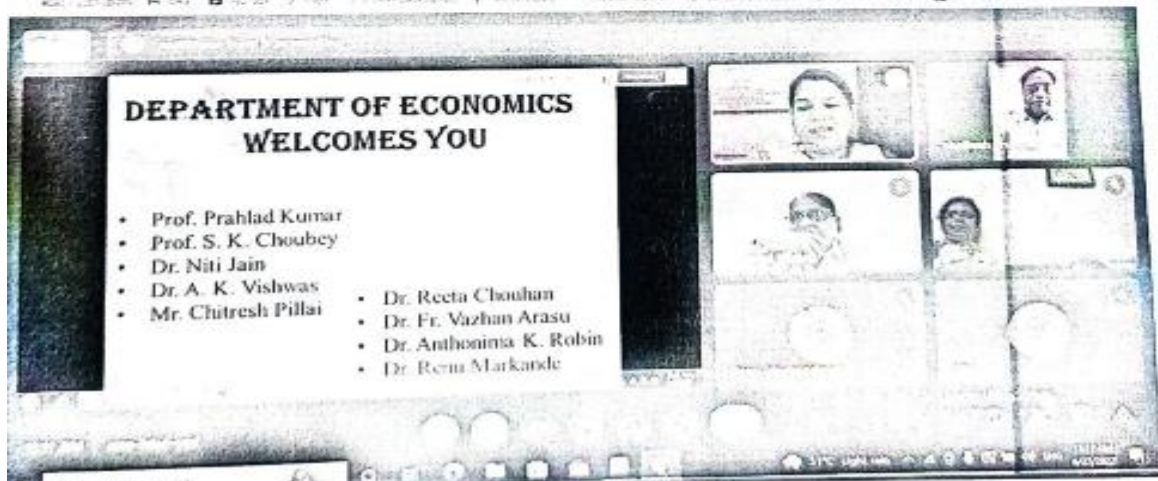
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# Department Of Political Science



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An online Board of Studies meeting was held on 7<sup>th</sup> July 2022 at 12:00 pm in the Department of Political Science.

Dr. Tuhina Jaisri

Tuhina

Dr. Vishwas Patel

V.P. 1.3

Dr. Fr. Ben Anton Rose

Ms. Bhawna Tekam

Bhawna

Dr. Yatindra Singh

Dr. Indu Pandey

Dr. Vinuk Mishra

Mr. Suraj Dubey

Ms. Prachi Nandoo

## AGENDA OF THE MEETING

1. Welcome the members
2. Introduction of the members
3. Minutes of the last meeting
4. Discussion on Semester System and Syllabus of BA I Year (I & II Semester)
5. Approval of Syllabus of BA II & III Year
6. Discussion on Internship/Field Project/Community Based Service.
7. Suggested list of Examiners
8. Any other matter with the permission of chair.
9. Vote of Thanks



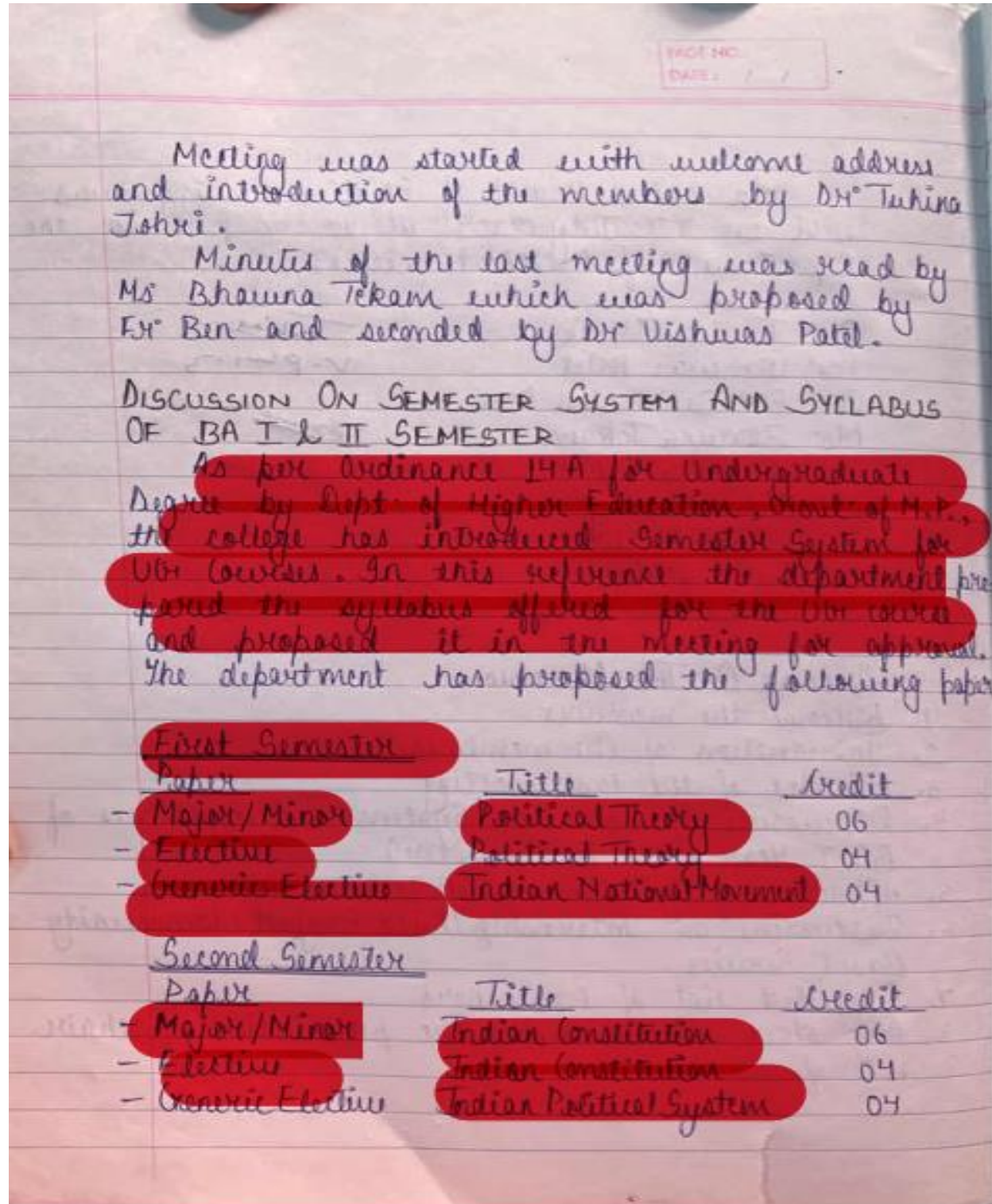
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In the meeting the discussion took place on the syllabus which emphasises few topics related to the cross-cutting issues. In Paper I Political Theory the topic highlights Gender Equity is Feminism and in Paper II Indian Constitution the topics highlight Human Values are - Fundamental Rights, Fundamental Duties and Directive Principles of State Policies.

Also, Dr. Tukina Jorhi has proposed the following modification in the Syllabus of I Semester, Paper Major/Minor - Political Theory -  
Topics - "Definition, Characteristics and Merit-Demerit  
Essential Conditions for a successful Democracy  
Types of Democracy  
Various theories of Democracy"  
is to be added as sub-headings in Unit-5.

### APPROVAL OF SYLLABUS OF BA II & III YEAR

As per the syllabus of MP Higher Education, the Department has proposed the syllabus of BA II Year. The board unanimously approved the syllabus.

The draft of the syllabus of BA III Year was also reviewed in the meeting and made recommendation to add the topic "Emerging trends in Public Administration" in Paper II - Public Administration, Unit - I highlighting the National Needs and Professional Ethics.



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## DISCUSSION ON INTERNSHIP / FIELD PROJECT / COMMUNITY BASED SERVICE

NEP 2020 introduces Internship / Field Project / Community Based Service in degree courses. In this regard, board members discussed over areas and scope for Internship, field project and community based service in the discipline of Political Science.

Dr. Vinuk Mishra suggested areas such as - High Court, Collectorate and Nagar Nigam for Internship. Dr. Indu Pandey suggested for the awareness drive of various Government Schemes under Community Based Service in nearby villages such as Panchayat Raj, E-governance.

The BOS considered and approved the suggested list of Examiners for the upcoming examinations of session 2022-23.

## VOTE OF THANKS

The meeting was concluded with the vote of thanks given by Dr. Vishwas Patel.

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# Department Of Commerce



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## Board of Studies Meeting

as on  
Saturday 2<sup>nd</sup> July 2022 at 11:30 pm  
(through Online Mode  
via Google meet)

Chairperson of BOS: Dr. Rupali Ahluwalia

1. Expert Nominated by Vice Chancellor:  
Prof. Manas Pandey (Present Online)
2. Two Experts of the Subject:  
a) Dr. Vishal Mehta (Present Online)  
b) Dr. Binoy Arickal (Present Online)
3. Industrial Representative  
Mr. Vishesh Nagdev (absent with intention)
4. Meritorious Alumnus  
Mr. Lokesha Bhatija (absent with intention)
5. Chairperson  
Dr. Rupali Ahluwalia
6. Member Secretary  
Miss. Nidhi Rajak
7. Faculty Members Present.  
Dr. Sonal Rai  
Dr. Tarvinder K. Kaurth Tarvinder...



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Dr. Sanjay Rajak

Dr. Ashu Jain

Dr. Preeti Jain

Dr. Sanil Tiwari

Dr. Dileep Koshta

Mr. Harbaksh Moolchandani

Dr. Yogesh Ashar

Dr. Kamal Rawat

Dr. Sonali B. Jain

Dr. Sarita Goel

Dr. Surbhi Jain

Ms. Nidhi Rajak

## Agenda of the Meeting

→ Opening Prayers

→ Syllabi in V.C. Commerce I semester and II semester as per National Education Policy.

→ Syllabi in V.C. Commerce III year as per National Education Policy.

→ Vocational and Add-on courses: the required linkages and Collaborations.

→ Any other Agenda

→ Vote of thanks



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## Minutes of the meeting

The meeting of the Board of Studies of the faculty of commerce was held on 2<sup>nd</sup> July 2022 6 p.m. in online mode. The meeting started with a prayer led by Dr. Tarvinder Kaur.

The major paper for the semester scheme was Financial Accounting in the I semester. During the discussion one of the BOS members highlighted that the Financial Accounting syllabus includes the components of Computerized Accounting, as the requirement for skill development of the students. The topics of accounting for Non-profit organizations and Loyalty Accounts will enhance the ability of the students to gain entrepreneurial skills, and the components of partnership accounting will enable the student to achieve employability in specific areas of business. Thus, these topics need to be focused more and practical aspects of these topics should be covered.



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Dr. Sanjay Rajak explained that to cover practical aspects of these topics, activities are introduced in form of attainment methods. Next, was the minor paper, Business Organization of B. Com I<sup>st</sup> Semester Topics such as business ethics and Business Combinations along with their types were proposed to be added to enhance the students' entrepreneurial capability. Members suggested that case studies based on topics can be added. After the discussion on these points, members approved the topics.

Next on the agenda was the syllabus of B. Com II<sup>nd</sup> Semester. During the discussion, Dr. Ashu Jain highlighted that the business regulatory framework syllabi have the topics of Consumer Protection Act and its Amendment Act 2018, and in order to enhance the skills and competencies among students, case studies relevant to specific topics of Consumer Protection Act was introduced in the attainment methods to acquaint the students with the responsibilities of business towards



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the customer as a contribution towards society. In a minor paper, Business Communication to enhance communication skills of students and the Delphi Method was proposed and after the discussion, members approved the topics.

Dr. Rupali Ahluwalia discussed the electives offered by the departments in the Semester system. It was mentioned that the department is offering all electives offered under NEP to give students maximum options. The elective papers in the scheme were as under:

- a. Business Mathematics
- b. Business Economics
- c. Data Processing Software
- d. Advertising and Sales Promotion
- e. Banking and Insurance

In the paper Business Mathematics to Enable the Enhancement of Analytical skills among learner's topics of partnership - gaining and sacrificing



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ratios were proposed to be added to the syllabus. Similarly, for the Business Economics paper, Dr Komal Rawat presented topics of Thoughts of Amartya Sen and Nobel Laureate Abhijit Banerjee and theories of interest should be added to the syllabus which would help the students to develop an understanding of the relationship between business and economics and will help to address international needs. Lectures from industries or professionals on the subject to make students aware about the latest trends related to the subjects and after the discussion on these topics members syllabus was approved.

Syllabus of B.Com II<sup>nd</sup> Year as per New Education Policy was approved as it is by the Board of Studies.

In the Annual System, elective papers in the scheme were as under:

- Applied Economics
- Corporate Law
- Financial Market Operations



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- d. Principles of Management  
e. Introduction to ASP, NET and C#

In the paper Applied Economics, Dr. Kudshiya Raza highlighted topics such as the Historical Background of Applied Economics, National Income and Consumption function in the Indian Economy, emphasizing that they will develop an understanding of the relationship and their importance in the Indian Economy and will help to address National needs. The next elective paper was Corporate Law which was presented by Dr. Nidhi Khurana. She discussed topics such as Memorandum of Association and Companies Act which will fulfill regional and National needs.

In the paper Financial Market Operations, Dr. Priya Sahani focused attention on the topics of Functions of Stockbrokers, Portfolio Consultants which will enhance students employability and entrepreneurial skills and RBI and Commercial Banks in the Indian Money Market, Primary and Secondary Market, Securities market. Topics which will



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address National needs. After the presentation and Discussions, members approved the syllabus.

**Vocational and Add-on Courses:** The required linkages and collaborations. It was presented before the members that as per New Education Policy, the student is required to opt for one vocational course to upgrade the skills towards employability in B.Com II<sup>nd</sup> Year. The courses offered by the faculty of commerce are E-Accounting and Taxation with GST, Finance Service and Insurance, Accounting and Tally and Salesmanship. The syllabus of the courses was presented and approved by the members. The courses offered will require practical exposure for which collaborations and linkages have been channeled.

Apart from Vocational Courses, 2 Add On Courses were also proposed and approved by the Board.

- The Add On course of Taxation for beginners will help student to understand the Taxation systems and



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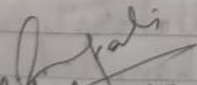
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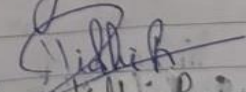
enhance their knowledge and develop employability skills.

d. Finance for Non-Finance Professionals which will acquaint the non-finance background students with the concept of finance and accounting skills and will help students to cope up with the challenges of finance.

Based on suggestions given by the members, the Chairman of BOS expressed gratitude for fruitful suggestions, with the assurance would be incorporated appropriately in the curriculum.

The meeting concluded and vote of thanks was proposed by Dr. Ashu Jain

  
Dr. Rupali Ahluwalia  
(Chairperson)

  
Ms. Nidhi Rajak  
(Member Secretary)



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# Department Of Bachelors of Business Administrative



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Department of Management

Board of Studies Member

1. Dr. Narendra Shukla

Director

Gyan Ganga Institute of Management Jabalpur

(University Representative)

2. Dr. Namrata Williams

Assistant Professor

XIDAS Jabalpur

(Academic Council Member)

3. Dr. Lambodar Saha

Head Department of Management

Lexicon Institute of Management, PUNE

(Academic Council Member)

4. Mr. Rounak Agrawal

CEO

Lawgical Startup, Jabalpur

(Industrial Expert)

5. Mr. Mohit Bateja

(Alumni)



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## Minutes of Board of Studies Meeting of the Department

Date - 9<sup>th</sup> July 2022

Day - Saturday

Mode - Online (Google meet)

### Agenda of the Meeting

Opening Prayer

Minutes of last meeting

Syllabus of BBA I & II Semester  
as per NEP

Syllabus of BBA II Year as per NEP  
Diploma in Business Analytics

Any other Matter

Vote of thanks.

Members :-

Chair person - Dr. Rashmi A. Patil *Rashmi*

Vice-Chancellor Nominee - Dr. Narendia  
Shukla, Present

Academic Council Nominee:

Dr. Lambodar Saha Present

Dr. Namrata Wilkram Present

Industrial Expert:

Mr. Rounak Agrawal Present





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Alumni: -

Mr. Mohit Bateja

Other Member

Dr. Shradha Shrivastava

Dr. Rashmi Singh

Dr. Chitranshi Verma

Dr. Richa Dixit Bajpai

Dr. Arpana Shingra

Mrs. Archana Dubey

Dr. Rashmi Singh  
Chitranshi  
Richa  
A.D.  
Archana

Opening Prayer: - Meeting starts with the opening prayer by Dr. Rashmi Singh

Meeting of the last meeting read by Dr. Shradha Shrivastava. It was proposed by Dr. Rashmi Singh and seconded by Dr. Chitranshi Verma.

## DISCUSSION ON NEW BBA 1<sup>st</sup> & 2<sup>nd</sup> sem & BBA 2<sup>nd</sup> YEAR TIME

Dr. Rashmi Palias gave a brief report on the paper distribution and syllabus of BBA I & II Semester. She informed that out of 2 major paper of every group 1<sup>st</sup> major paper will be taught in Semester I and 2<sup>nd</sup> major paper will be in Semester II. Likewise the minor and electives of each group will be decided. The students will have

3 <sup>Subjective</sup> Paper + 2 F.C. paper in each Semester. The credit value of major paper will be 6 credits, minor paper is 6 credits and

Teacher's Sign



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elective paper is 4 credits. The students will have the vocational paper in 3<sup>rd</sup>, 4<sup>th</sup> and 5<sup>th</sup> semester and major project in 6<sup>th</sup> semester.

Discussion on syllabus Group A major paper Business Management. The syllabus was briefed by Dr. Rashmi Singh. After the detailed discussion the topic planning for startups is added in Unit 2 which will be having a local and regional relevance and increase the employability skills ~~also~~, too.

**Group B** Major Paper Business Statistics, the syllabus is briefed by Dr. Chitranshi Verma after the discussion and suggestions by the member the topic Introduction to SPSS is added in Unit 5 which is passed by all the BOS members. Which is having a regional, national relevance.

**Group C** Major Paper Financial Accounting the syllabus is discussed critically and after the discussions the topic Computerised Accounting become more extensive by adding cloud books, wawa and tally, which will develop the employability skills and having local and national relevance also.

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BBA II year in group B major paper Marketing Management the topic Classification of service designing is added in Unit 5 having a regional & national relevance and develop professional skill.

## DISCUSSION ON VALUE ADDED COURSE.

Diploma in Business Analytics:- The modules and curriculum of Diploma is briefed by Dr. Shradha Shrivastava. It is a inter-disciplinary course which we run with the department of Computer science, having 2 semesters, which commenced in the month of August and end in the month of June. 1<sup>st</sup> Semester is having 4 paper and 2<sup>nd</sup> semester is having 2 paper, one internship and one major project. After going through with all the modules of syllabus, the course is approved and passed by all the members.

Dr. Rashmi Palias asked about the internship opportunities for the student as internship becomes a part of curriculum. Dr. Narendera Shukla has suggested that we should go and find some govt. internship which is very beneficial for the student. Mr. Rounak Agrawal has suggested that the finance student can do internship under CAI & CS.



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## Minutes of Board of Studies meeting

**BOS 2023-24**



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# Department Of Chemistry



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## BOARD OF STUDIES MEETING DEPARTMENT OF CHEMISTRY

The 17<sup>th</sup> meeting of Board of Studies was held on 22<sup>nd</sup> July, 2023 from 11.30 AM.

Members present during the meeting were

1. Dr. Smarika Lawrence
2. Dr. Anjali Dsouza
3. Dr. Sutapa Roy
4. Dr. Shweta Likhitan
5. Dr. Amita Chhabri
6. Dr. Manju Gupta
7. Dr. A. K. Bajpai
8. Dr. Anubha Maheshwari
9. Dr. Dharmendra K. Sharma
10. Mr. Prakash
11. Ms. Kshiksha Siddiqui



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Agenda of the meeting was as follows

1. Opening Prayer.
2. Welcome of the BOS members.
3. Minutes of the last meeting
4. Academic Calender of New Session
5. Syllabus (B.Sc. and M.Sc.) discussion.
6. Certificate Course
7. Proposal of New Course
8. Vote of Thanks.
9. Closing Prayer

Opening Prayer

The meeting started with an opening prayer by Dr.

Welcome of BOS Members

Dr. Smarika Lawrence (Head)  
Department of Chemistry, welcomed  
all the members of Board of  
Studies.

Minutes of last meeting held in July 2022

The minutes of the previous  
BOS meeting held on 16<sup>th</sup> July 2022  
was read at by Dr. Amrita Chhetri.  
All the members approved the minutes  
anonymously.

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## Glimps of the Session 22-23

Dr. Smarika Lawrence presented the different activities conducted under Star College Scheme. She highlighted the instruments purchased and their uses is practical, training programs conducted, lab or industrial visit organised, certificate courses, seminars and webinars.

## Academic Calender of New Session

Academic calender for the session 2023-24 was read by Dr. Shweta Likhitkar. It was unanimously approved by all the members.

## Certificate Course

For the academic session 2023-24, certificate courses described by Dr. Sutapa Roy. She presented the modules of newly proposed certificate course "Fun and Fact with Food." She also highlighted the changes proposed -

In Certificate Course "Instrumentation and Analytical Techniques," two new topics COD and BOD analysis were introduced in the





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last module "Water Analysis".  
The certificate course promotes skill development and entrepreneurship in Jabalpur Region. The water from local sources like Robertson Lake will be used in water analysis module.

## DEPARTMENT OF CHEMISTRY

Details of Value Added Course

Certificate Course

Course Name:- "Instrumentation and Analytical Techniques"

Eligibility Criterion:- Open for all students

Duration:- 30 hours (2 credits)

Date:- 28/08/23

Mark Scheme:- Total marks (Theory 50 and Practical 50)

There will be 5 (six) modules in this course which are as follows:-

Module I: UV- Vis. Spectroscopy: Introduction, principle, instrumentation and applications

Experimental- Spectroscopic analysis of Azadirachta indica

Synthesis of Azadirachta indica loaded silver nanoparticle

Module II: FTIR Spectroscopy: Introduction, principle, instrumentation and applications

Experimental- FTIR Spectral analysis of solid compound

Module III - Phase contrast Microscopy- Introduction, Basic Principle, Instrumentation and application.

Experimental- Dye exclusion test for cell viability

Module IV - BOD and COD Introduction, principle, instrumentation and applications

Experimental- Water Analysis (Robertson Lake)

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## DEPARTMENT OF CHEMISTRY

### Details of Value Added Course

**Course Name:- "Fun and facts with food"**

**Eligibility Criterion:-** Open for all

**Duration:** - 30 hours (2 credits)

**Proposed Date:** - January 2024

**No. of Seats:** - 30

**Mark Scheme:** - 100 marks (Theory 50 & Practical 50)

There will be 5 (five) modules in this course which are as follows:-

#### **Module I: Weight Management: Beyond Balancing Calories:**

Balanced Diet: Food group and food pyramids. Food additives- colorants-types and effects, (cereals and beans).

**Module-II Fermented foods with-Importance of fermented food in diet** Idli, Beer, wine, Cheese, Breads

**Modules-III Utility of salads Appetizers and soups for healthy body weight** Salads- Base body, garnish and dressing, **Soup-** Thick, clear and National

**Modules-IV Fruit Juice and smoothies-** Fruit vegetables and their importance in vitamin mineral and roughage

**Modules-V Food Processing and preservation:** Food preservation by drying /dehydrating / freezing. Fluid pasteurization, Case study of some commonly available preserved products Essential of Jam, Sauces, Jellies and its preservation

#### **Practical Module-**

##### **Contents: Preparation of**

**Soup:** Veg Soup

**Salads:** Green Salad, Fruit salads, Pasta Salad

**Bakery:** Biscuits, Breads and Cake

**Fermented food:** Idli, Beer, Cultured milk

**Juices:** Vegetable Juices, Fruit Juices and Different type of coffee

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persons to take assistance from  
Food and Nutrition Department of  
Hare Science College for the certificate  
course in Fun and Fact with Food.

Dr. Anubha Maheshwari commented  
that the course is very good since  
it includes the use of chemistry  
in food and other industrial products.  
She requested to publicize the course  
in Chemistry Department of Jabalpur  
Engineering College.

Dr. Dharmendra has suggested to include  
microscopic studies in baking process  
of food.

Syllabus (B.Sc. and M.Sc.) discussion

The syllabus was shown by Dr. Smarita  
Lawrence to all the members -

The HOD highlighted that Elective  
Chemistry Syllabus in I, II, III  
and IV semester was arranged as  
per continuity and importance of topics.

She told the members that in  
Semester I and II, 6 units were  
rearranged into 4 units and  
in Semester III and IV.



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Change in syllabus were appreciated by Dr. A.K. Bajpai and Dr. Anubha Maheshwari. They suggested to focusing on practical applications and suggested to the purchase and maintenance of equipment in the laboratory. and They suggested to include minor practicals related to pharmaceutical and medicinal chemistry in chemistry syllabus.

The HOD highlighted that Vocational Course in Nutrition and Dietetics was also taken care by the Department. All the members of BOS appreciated the efforts made by chemistry Department.

Dr. Dharmendra Kumar commented that syllabus of M.Sc. Chemistry (CBCS) was excellent and gave a wholesome view of chemistry.

## Proposal of New Course

Proposal for the new course as Pharmaceutical Chemistry was presented by Dr. Sutapa Roy.

She highlighted that Pharmaceutical chemistry would be major subject along with chemistry / Biotechnology / Physics Botany as minor & elective.

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Dr. Anubha Maheshwari commented that **pharmaceutical chemistry** is an emerging and professional course related with medicinal and pharmaceutical department.

Dr. Baijai added that starting of new course would increase the number of students in chemistry.

## Vote of Thanks

The meeting ended with the vote of thanks by Dr. Manju Gupta.

## Concluding Prayer

Concluding prayer was conducted by Dr. Smarika Lawrence.

The department is highly grateful to the Principal and Vice Principal for the cooperation and guidance.



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# Department Of Botany and Microbiology



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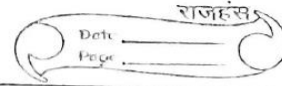
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2023 - 2024



Minutes of the meeting of Board of Studies for B.Sc. I and II; III and IV semester, and III year (Industrial Microbiology, Botany and Environmental Education), M.Sc. I-IV semester (Microbiology)

Date: 13/07/2023

Time: 12:30 PM

Day: Saturday

Members of Board of Studies

Chairperson: Dr. Sonali Nigam

Academic Council Nominee

Prof. M.K. Gupta

Dr. Japna Rai

Vice Chancellor Nominee

Prof. P.K. Khare

Industrial Representative

Mr. Sudhir K. Shrivastava

Faculty Members

Dr. Kamina Sobin

Mrs. Rashmi Choubey

Dr. Zareen Baksh

Dr. Durga Ray Durga Ray

Post Graduate Meritorious Alumnus

Ms. Shaina Gaikwad



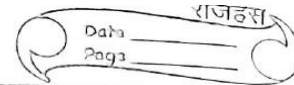
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## Agenda of the meeting

- i) Opening prayer
- ii) Introduction of the members of BoS.
- iii) Discussion on NEP syllabi approval of B.Sc. I, II, III and IV semester, B.Sc. III yr for industrial Microbiology, Botany, Vocational course and Environmental Education
- iv) Discussion on syllabi of M.Tc. I to IV semester for Microbiology and its approval.
- v) Approval of examiners panel list.
- vi) Discussion and approval of value added courses.

## Proceedings of the meeting

- i) Opening prayer: The meeting began with an opening prayer by Dr. Farreen Baksh.
- ii) Introduction of the members of BoS  
The chairperson Dr. Sonali Nigam welcomed and introduced all the Board members and experts.
- iii) Discussion on NEP syllabi and its approval for UG courses

The NEP syllabi of B.Sc. I and





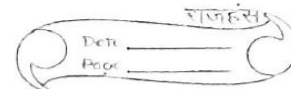
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II semester for Industrial Microbiology (Major, minor and Elective), Botany (Major, minor and Elective) and Environmental Education along with the syllabus of NEP for B.Sc. III and IV semester for Industrial Microbiology Major and Botany Major and Elective and the new NEP syllabi of B.Sc. III year for Industrial Microbiology Major (Group A, paper I and II and Group B, paper I and II) and Botany Minor and Elective were framed by the faculty members of the Department of Botany & Microbiology and presented to all the experts of Board of Studies. The syllabus were as per the norms of New Education Policy. After thorough discussion on syllabi, suggestions of the experts were incorporated as innovative topics and practicals in the above mentioned syllabi as follows -

- B.Sc. I semester - In Industrial Microbiology (Major, Minor, Elective) two practicals were added in order to develop skills. The practicals were @ Microbiology at home: Study on milk sample, packaged food, preserved food, normal flora.  
(B) Isolation of microflora from nature: Water bodies



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- B.Sc. I semester - In Botany (Major, minor, Elective) to address local needs a practical was introduced - **Studies on turbidity, pH and Microbial Presence in water by Secchi's Disc method.**
- B.Sc. II semester - In Industrial Microbiology major, minor, elective, to address cross cutting issues related to gender as new topic was introduced in Unit 1 i.e. **women scientists in life science.**
- B.Sc. II semester - In syllabus of Botany major, minor and elective a new topic '**Fluorescent microscopy**' was included in Unit 1 to impart this skill in students.
- B.Sc. III semester - In Industrial Microbiology Major, two new topics were added -
  - ① To impart entrepreneurship related knowledge the topic included was **preparation of fermented pickles.**
  - ② To impart skill of microbial isolation the topic added was **'Isolation of microbes from fermented products.'**
- B.Sc. III semester - In Botany major, minor and elective two new topics



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were added -

- ② To impart skill 'Additives and preservatives used in food processing.'
  - ③ Looking into global need 'Phyto-chemical content of medicinal plant leaves.'
- B.Sc. IV semester - In Industrial Microbiology Major a topic 'Microbial Biopolymers' was added in Unit 1, this topic was related to environment sustainability.
  - B.Sc. IV semester - In Botany minor and elective a topic was modified - 'Raw material for fermentation (Mahua) in the Mahakaulhal region' in unit 3. Another topic was introduced in Botany Minor i.e. 'Plants used to rear silk worms in Madhya Pradesh' in unit 5. Both the topics cater to the regional needs.
  - B.Sc. III year - In the syllabi of Industrial Microbiology Major Group A paper - 1 three practicals were added:
    - ① Demonstration of Gel electrophoresis (Employability)
    - ② Effect of oxidative stress on bacterial growth (Skill development)
    - ③ Effect of mutagens on bacterial growth (Skill development)In the syllabus of IMB Group A, paper - 2, 3 practicals were incorporated-



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(a) Preparation of herbal pesticide  
(Employability)

(b) Study of heavy metal toxicity on microbial diversity (skill development)

(c) To isolate oil eating bacteria  
(Environment sustainability related)

- B.Sc. III year - in syllabus of Botany minor and elective, 2 practicals were added -

(a) Ethnomedicinal plant - Digital herbarium  
(Environment sustainability related)

(b) Generation of DNA barcodes for medicinal plants  
(skill development related.)

- B.Sc./B.A./B.B.A./B.C.A./B.Com. II semester - the syllabus of 'Environmental Education' was framed and approved by all the members.

- B.Sc. III semester - Vocational course in 'Medicinal Plants level I' was introduced and approved.

- B.Sc. IV semester and B.Sc. III Year - a new course in vocational was introduced and approved. The course was 'Medicinal Plants - Level II'

(iv) IMB syllabi of paper I and II (Group B) was approved  
(B.Sc. III year).  
Discussion and approval of PG courses.

CBCS syllabus for PG (M.Sc.)



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I to IV semester was framed and approved. After deep discussion few additions were included in the syllabi as follows -

- M.Sc. I semester innovative topics added were -

① In paper I - Bacteriology, a topic 'Biofilms' was added in Unit 5; catering to environment sustainability. Two practicals were also added - 1) Isolation of bacteria from cell phones (related to environment sustainability). 2) Soap survey to check effectiveness w.r.t. bacteria (a topic related to skill development)

② In paper II Virology two practicals were added namely ① To collect plant specimens with symptoms of viral infections. (catering regional needs).

② Identification of embryonated chick eggs (related to skill development)

③ In paper III Mycology a practical to enhance skill was introduced i.e.

'Antagonistic activity of fungi'.

④ In paper IV Biomolecules to develop skill two practicals were introduced i.e.

① Isolation of genomic DNA from bacteria

② Isolation of genomic DNA from fungus.

- M.Sc. II semester innovative topics added were -



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① In paper I Molecular Biology in unit 5 a new topic was introduced i.e. "rDNA product: insulin production" related to environment sustainability.

② In paper II Microbial Genetics a practical added was 'Replica plating' it imparts skill to make exact colonies of microbes.

③ In paper V Microbial Metabolism an elective paper a practical related to environment sustainability was incorporated i.e. 'Effect of Salinity on growth of bacteria'.

• M.Sc. III semester, innovative topics added were -

① In paper I, Environmental Microbiology a new topic was introduced in unit 3 namely, 'low energy waste water treatment'. This topic caters to the cross cutting issue of environment sustainability.

② In paper II, Medical Microbiology, two innovative practicals were added both of which are skill imparting practicals

① Mobility testing of bacterial isolates

② KOH mount preparation

③ In paper III, Agricultural Microbiology, three practicals were added -

① Microbes and solid waste manage



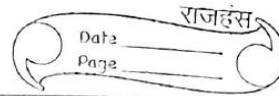
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ment (related to environment sustainability)  
② Study of millets: Microflora, varieties grown in Jabalpur region, storage conditions, nutrient content in Pearl Millet. (catering national needs).

③ Study of local weeds of Jabalpur (related to local needs)

④ In paper IV Bioprocess Engineering Technique two practicals related to skill development were added in the syllabus - ① Isolation of microorganism from dairy products

② Isolation of Trichoderma from soil.

v) Approval of Examiner's Panel List

The list of examiners were prepared and approved by the BOS members.

vi) Discussion and approval of value added courses

① Certificate course in Water Quality Monitoring was upgraded to Diploma course with 4 credits looking into interest of students.

② Certificate course in Mushroom Cultivation was modified new topics incorporated in 1st module unit 5 i.e. 'startups and innovations in mushroom cultivation technologies'. The



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course was renamed as 'Mushroom  
Cultivation & fundamental to Advanced  
Techniques'





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# Department Of Zoology



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Minutes of the Board of Studies  
meeting held on 14/07/2023

Time : 11:00 am onwards  
Venue : Department of Zoology

## AGENDA →

1. Opening prayer
2. Introduction and welcome of experts
3. Approval of the B.Sc III year Zoology syllabus (Annual system) under Ordinance 14(A) - Madhya Pradesh Higher Education
4. Review of B.Sc I, II, III & IV Sem syllabi as obtained from the Department of Higher Education (20% addition allowed under autonomy)
5. Discussion of PG Syllabus (CBCS) as obtained from the department of higher education (20% addition allowed under academic autonomy)
6. Approval of the syllabus of certificate course in "Museum Keeping"
7. Approval of the syllabus of certificate course in "Microscopy"
8. Approval of the syllabus of certificate course in "Innovative Zoological Practices"
9. Approval of the syllabus of vocational course "Vermicomposting" under NEP 2020
10. Review of Bridge class Syllabus
11. Approval of Examiners panel in Zoology 2023-24



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Following members attended the meeting :-

1. Chairman / HOD

Dr. Priyanka Sinha

*Priyanka*  
12/17/23

2. Internal Members / Faculty

1. Dr. Runa Paul

2. Dr. Daya Shankar Gautam

3. Dr. Manju Dixit

4. Dr. Megha Tiwari

*Runa*  
12/17/23

*Manju*  
12/17/23

One Expert nominated by Vice Chancellor

1. Dr. Shivesh Pratap Singh

Professor & Head

Dept. of Zoology

Govt. P.G. College Salna

M.P.

*Shiv*  
12/17/23

Two experts in the subject from outside of the college.

1. Dr. U.S. Parmar

Professor & Head

Deptt. of Zoology

Govt. Mahatma Gandhi

P.G. College, Kareli

Jabalpur

ABSENT



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2. Dr. Shampa Jain  
Professor  
Deptt. of Biotechnology & Zoology  
Govt. Model Science  
(Autonomous) College  
Jabalpur.

One Representative from Industry

ABSENT

1. Mr. Amar Shrivastava  
General Manager  
Phoenix Poultry Farm  
Gosalpur, Jabalpur

Meritorius Alumnus

1. Mr. Aman Singh Bais  
Assistant Professor  
Deptt. of Zoology  
St. Aloysius' Institute of  
Technology, Jabalpur (M.P.)

Aman Singh



## Discussion of the Agenda

The BOS meeting started with a short prayer to Almighty God to shower his blessings on the students and faculty members.

Subject expert nominated by Vice Chancellor Dr. Shivesh Pratap Singh, subject expert outside the college Dr. Shampa Jain and Mr. Aman Singh Bais, meritorious alumnus were welcomed to discuss on various agenda of the meeting.

The agenda of the meeting was put forward. The suggestions of BOS members, Internal members and stakeholders were incorporated into the U.G. and P.G. Syllabuses.

Following relevant changes, like the addition of <sup>the</sup> topic of local, regional, National and Global needs were made.

Specification of the topics and addition of <sup>the</sup> topics in U.G. and P.G. Syllabus are as follows—:



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UG Syllabus :-

B.Sc III Sem

Practical

Few topics were added as per local need suggested by BOS members

1. Study of different types of feathers/ beaks of birds available in Jabalpur (Local)
2. Mounting of scales of fishes locally available Major/minor carps. (Local)
3. Collection of local fauna (Local)

B.Sc III year - Theory Paper

Course Title -> Aquaculture Paper I (Group A)  
(DSE)

Practical (Applied Aquaculture)

Few topics were added

- a. Study of water analysis of local pond
- b. Estimation of biological oxygen demand in water (Cross cutting Sustainable Development)
- c. Estimation of chemical oxygen demand



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in water (Sustainable Development)

VIII

Identification and study of Aquatic weeds - Azolla, Pistia, Vallisneria, Hydrilla, Chara (Sustainable Development)

B.Sc III year - Wild life Conservation and Management

B.Sc III year - Importance of Wild life

Practical & Theory

(VIII)  
Unit II

Faecal analysis of cattle dung (Local)  
Important features of flora & fauna of protected area wsr locally spotted birds Koel & Myna (Local)

B.Sc III year - Theory Paper

Genetics Minor / Elective

Unit IV Common genetic disorders topics were specified :- Down Syndrome, Edward Syndrome, Patau Syndrome, Turner Syndrome, Klinefelter Syndrome, Criminally Syndrome, Sickle cell anemia and Thalassaemia (Global level)

B.Sc IV Sem Theory Paper

Physiology and Biochemistry  
Major / Minor / Elective

In Unit II - Metabolism, Physiology and Regulation



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under hips

4. Physiology of Digestion, regulation and disorders wsr Gastroenteritis and constipation (was added)

Employability  
Practical I

Quantitative Estimation of Protein, Carbohydrates and lipid of locally available samples (Local)

M.Sc I Sem

Practical I - few topics were added

1. Separation of eggs and larval from soil of local areas (Local)

M.Sc I Sem

Practical II - few topics were added

1. Preparation of route maps to important National parks and sanctuaries of Madhya Pradesh. (K.R.N.I.)

M.Sc III Sem

Practical I

1. Study of fresh water ecosystem (Pond/Aquarium) wsr. Adhartal pond and Robertson lake

(Local)

2. Study of common weed and planktons of local water bodies





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## M.Sc III Sem Practical II

1. Study of plankton and common weeds of local water bodies
2. Preparation and Maintenance of Aquarium / Study of aquarium fishes

## M.Sc IV Sem Practical I & II

1. Preparation of permanent chick mount of local poultry farm
2. Identification of commercially important locally available fishes

## B.Sc III year DSE II paper I

### Taxonomy & Applied Entomology

Practical → Few topics were specified

Demonstration of Morphological parts of insect - Grasshopper / Cockroach (Local)

## B.Sc III year

Ecology, Biodiversity and Evolution (Paper II) Group B. DSE (Cross Cutting - Sustainable Dev.)



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## OTHER COURSES

- ① Syllabus of Vocational course "Vermicomposting" Level I for B.Sc III Sem and Level II for B.Sc III year was approved. Syllabus of B.Sc III Sem & IV Sem Zoology (Major, Minor & Elective) was approved.
- ② Syllabus of Certificate course in "Microbiology" was approved.
- ③ Syllabus of Certificate course in "Recent Techniques in Zoology" was approved.
- ④ Syllabus of bridge classes for I year was approved.
- ⑤ BOS members suggested that new course in "Museum Keeping" can be started as training program in next session.
- ⑥ Approval of Examiners Panel in Zoology - Session - 2023-24

Meeting ended with a closing prayer by Dr. Megha Tiwari. The minutes include the changes, specification and addition (under 20% autonomy) in UG and PG syllabus.



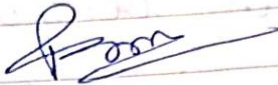
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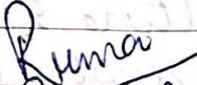
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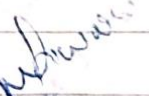
  
Dr. Priyanka Sinha  
Signature of H.O.D/Sign of Chairperson of  
BOS committee.

Internal Members / Faculty

  
Dr. Ruma Paul

  
Dr. Daya Shankar  
Gautam

  
Dr. Manju Dixit

  
Dr. Megha Tiwari



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# Department Of Physics



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The meeting of BOS in Physics  
St. Aloysius College JBP was  
held on 19/08/23 from 11:30 am  
online.

The meeting started with opening prayer and  
by welcoming all the BOS members

Agenda of the meeting →  
1) Discussion on Previous meeting  
point

2) Discussion on a New subject  
to offer a New subject in B.Sc.  
(New subject; Nano science/ Nano  
technology) as Major subject.

3) Approval of Paper setter/  
examiners.

following members were present in  
the meeting →

Chairman - Dr. Pramod Chaitanya

Secretary - Dr. Poonam Pendke

19/8/23



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## Faculty Members

Dr. K. Das

Dr. Nisha Pandey

Dr.

Mand

V. C. Nominee - Dr. Pragush Agrawal

College Aluminee - Prof. J. M. Keller

Subject Expert - Dr. H. S. Tiwari  
Dr. M. K. Roy

Industrialist - Mr. Prakash Chandra  
Sarathe

\* Minutes of the previous meeting were read and approved.

\* We have designed our syllabus which fulfill local, regional, National and international needs

\* This year we have not added any new topic in B.Sc. I Sem and B.Sc. II sem syllabus. We have suffeted some portion of Unit III



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of B.Sc. II sem to unit II of same semester.

\* In this session no changes have been made in B.Sc. III sem. syllabus and B.Sc. IV sem Physics syllabus.

The elective paper will consist of four units having 3 credits and 1 credit for lab work.

\* For B.Sc. III yr. we are opting group A syllabus.

In this session students who opted physics as Major will study group A syllabus: Paper I [Quantum mechanics, Atomic & Molecular Phys] and Paper II [Solid state Physics and electronics]

\* Students who opt. physics as Minor and Elective will study only Quantum Mechanics, solid state Physics and Devices.

This syllabus fulfills the needs of local, regional, national &



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international level

\* Topics like study of hydroelectric power plant in Barge Dam Jabalpur and Thermal Power generation in Satpura Power plant are full fill the local and regional needs.

While topics like National Mission on Quantum Technologies and its Application (NM-QTA) solar cell and Universal Theory of Bose Einstein's statistics. are fulfill the needs national and Global needs.

\* Students who opt physics as Major and Minor in semester system they perform 10 experiments and who opt physics as elective they perform 06 experiments only.

\* B.Sc. III year students who <sup>have</sup> opted physics as Major they will perform 10 experiments of Paper I and 10 experiments of Paper II (total 20 experiments)

\* Students who have opted physics as minor and elective they will





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Perform 10 experiments (5 for paper I + 5 for paper II of Major)

\* In this session B.Sc. III sem. students will study Vocational course [Electrical Technology module 1

and in fourth semester they will study electrical technology Module 2.

Mr. Prakash Chandra Sarathe suggest that few topics be added to module 2

Topics are

- 1) Safety Policy
- 2) Purpose and scope
- 3) Definitions
- 4) Do's & Don't's
- 5) earthing of safety instructions
- 6) Housekeeping
- 7) Personnel protective equipments and Devices
- 8) safe Guarding the public
- 9) fire
- 10) safe Guarding the public
- 11) first aid
- 12) first aid

\* The few topics of syllabus of vocational course and lab experiments improve the employability, Entrepreneurship



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and skills of students.

\* Syllabus for M.Sc. was also put forward along with the list of experiments.

\* The existing list of examiners was updated.

\* As per the current scientific scenario and Govt. of India's nano mission we are proposing to offer a new subject (Nano Science) as a Major subject in B.Sc. programme. All the members unanimously agreed on the same.

\* Syllabus for Nano science was put forward for approval. All the members appreciated the efforts of the department and after short discussion prepared syllabus was also approved. Dept. of physics plan to start the Nano science subject approved MP education and R.D.V.V.

\* A short discussion also took place on the 4<sup>th</sup> year (Honour



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## Course of B.Sc. Programme.

The Dept. would like to offer few core subjects like Mathematics, Physics, Quantum Mechanics, Classical Mechanics, Statistical Mechanics, Electrodynamics, solid state physics etc.

Students will have to take subjects according to his interest in 7<sup>th</sup> semester. In 8<sup>th</sup> semester students will take up a Research Project. It will make sure that the foundation of the project is laid down in 7<sup>th</sup> semester.

The meeting ended by concluding prayer and vote of thanks



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# Department Of Biotechnology



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A board of studies meeting was held on 21/08/23 at 1:00 PM on hybrid mode. The meeting was started with the welcome speech from the Dr. Lakshmi Kant Pawder (Head) Department of Biotechnology.

The following members were present in the meeting

1. Dr. Lakshmi Kant Pawder (Chairman)
2. Dr. ~~Smt~~ Mrs Divya Bagchi (Professor, Department of Biological Sciences, RDUU, Jabalpur)
3. Dr. Atul Patenya (Senior Scientist) National Institute for High Security Animal Disease Laboratory.
4. Mr. Erast Phillip (Assistant Professor) Department of Biotechnology (SAC).
5. Mr. Nitin Swamy (Assistant Professor) Department of Biotechnology, SAC.
6. Dr. Mrs Rumana Faraz (Assistant Professor) Department of Biotechnology, SAC.
7. Dr. Mrs Anisha Rupashree, SAC Department of Biotechnology, SAC.

Meeting Agenda was:

1. Discussion & approval of changes in B.Sc. I<sup>st</sup> & B.Sc. II<sup>nd</sup> semester syllabus
2. Discussion & approval of B.Sc. 3<sup>rd</sup> year syllabus given by higher education under NEP.
3. Discussion & approval of vocational paper Medical Diagnostic level 2 & level 3 for UG 2<sup>nd</sup> & 3<sup>rd</sup> year given by higher education under NEP.
4. Discussion & approval of an elective paper Research Methodology in M.Sc. III<sup>rd</sup> semester



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5. Discussion on some minor changes incorporated in M.Sc. Biotechnology syllabus
6. Approval for addition of new names in the list of Examiners panels
7. Discussion on introduction of a diploma course in Biotechnology.
8. Any other matter with the permission of the chairman.

Points of discussion according to agenda

① The following practicals has been added in paper I & paper II of B.Sc. 1<sup>st</sup> year

paper I: Cell Biology & Biomolecules  
Calculation in Biology (By this we can incorporate mathematical calculation skills among the students.)

paper II: Microbiology & Immunology  
i) To perform the Radial Immune Diffusion  
ii) To perform the Ouchterlony Double Diffusion (ODD)

② After thorough discussion on the B.Sc. 3<sup>rd</sup> year syllabus there is unanimous decision to pass the same syllabus as an such given by the higher education under NEP.

③ After thorough discussion on the syllabus of vocational courses level 2 & level 3, on Medical Diagnosis, there is unanimous decision to pass the same syllabus as given by the MP Higher Education under NEP.



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④ For next academic session department has proposed an elective paper Research Methodology for M.Sc. III<sup>rd</sup> semesters. Few specific suggestions given by Dr. A.K. Patil like it should be focused more on output coming from the data i.e. Add publication of data, what are formulae & how data is presented.

⑤ Regarding diploma course on bioinformatics following suggestion has to be given by experts.

(i) For whom this course will be UG or PG.

(ii) No. of seats.

(iii) Take advice from experts in this field.

(iv) According to the demand this course should be started.

⑥ Few names have been added in the examiner panel.

The meeting ended with the words of appreciation by the chairman.



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**St. Aloysius College, Jabalpur**  
**Department of Biotechnology**  
**Board of Studies Meeting**  
**Date: 21-08-23 Time: 1:00 PM onwards**

**Meeting Agenda:**

1. Discussion and approval of changes in B.Sc Ist and B.Sc IInd semester Syllabus
2. Discussion and approval of B.Sc 3<sup>rd</sup> year syllabus given by higher education under NEP.
3. Discussion and approval of a vocational paper Medical Diagnostics level 2 for UG final year given by higher education under NEP.
4. Discussion and approval of an elective paper Research Methodology in M.Sc IIIrd semester.
5. Discussion on some minor changes incorporated in M.Sc biotechnology syllabus.
6. Approval for addition of new names in the list of Examiners panel.
7. Discussion on introduction of a diploma course in Bioinformatics.
8. Any other matter with the permission of the Chairman.

  
21/08/23  
HEAD  
Department of Biotechnology  
St. Aloysius (Autonomous) College  
Jabalpur (M.P.)





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# Department Of Mathematics



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The Board of Studies in Mathematics for the session 2023-2024 (odd semester) was held on 22<sup>nd</sup> July, 2023 from 12 Noon.

All the members were present. They are:

1. Dr. Mandira Kae (Chairman <sup>Handwritten</sup> BOS)
2. Dr. Meeta Darbari (Member)
3. Dr. Akhilesh Pathak (Member & <sup>Handwritten</sup> secretary)
4. Dr. Archana Pasari (Member) <sup>Handwritten</sup> Assistant
5. Dr. Satyendra Jain (Member) <sup>Handwritten</sup> Staff
6. Dr. Preeti Nagar (Member) <sup>Handwritten</sup> Justice
7. Prof. Mridula Dube (VC- Noninee)
8. Prof. Manoj Shukla (AC- Noninee)
9. Dr. Jitendra Kumar Maitra (AC- Noninee)
10. Mr. Maxim James (Industrialist)
11. Dr. Rishabh Tiwari (Alumni)

Dr. Preeti Nagar has substituted Dr. Pratibha Ricchariya in the Department.

The agenda was

- 1) Review and reapproval of the existing scheme and syllabus of B.Sc I semester and B.Sc. II semester.
- 2) Review of the scheme and syllabus of B.Sc III semester and B.Sc IV semester. It includes Major/Minor and Elective papers in each semester as per NEP.
- 3) Review of the yearly scheme and syllabus of B.Sc III year in accordance



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with NEP. It includes Discipline Specific Elective Group A and Group B along with Minor Elective. Group A and Group B each consists of Paper I and Paper II.

- 4) Review and reapproval of the existing scheme and syllabus of Semesters I - IV)
- 5) Review of the existing scheme and syllabus of two certificate courses - Vedic Mathematics and Research Documentation through Latex to be taken up this academic session.
- 6) Examiner's list
- 7) Reflection on the curriculum
- 8) Any other with the permission of the chair
- 1) The existing scheme and syllabi of B.Sc I semester and B.Sc. II semester was reviewed and approved.
- 2) In accordance to the semester scheme of NEP, syllabi of B.Sc. III semester and B.Sc. IV semester was discussed and approved.
- 3) In accordance to yearly NEP scheme B.Sc III year syllabi was discussed at length and approved.
- 4) The existing scheme and syllabi of M.Sc. (Mathematics) semesters (I, II, III and IV) were reviewed and re-approved.
- 5) Two certificate courses - Vedic Mathematics and Research Documentation through Latex were reviewed and reapproved.

Teacher's Sign.



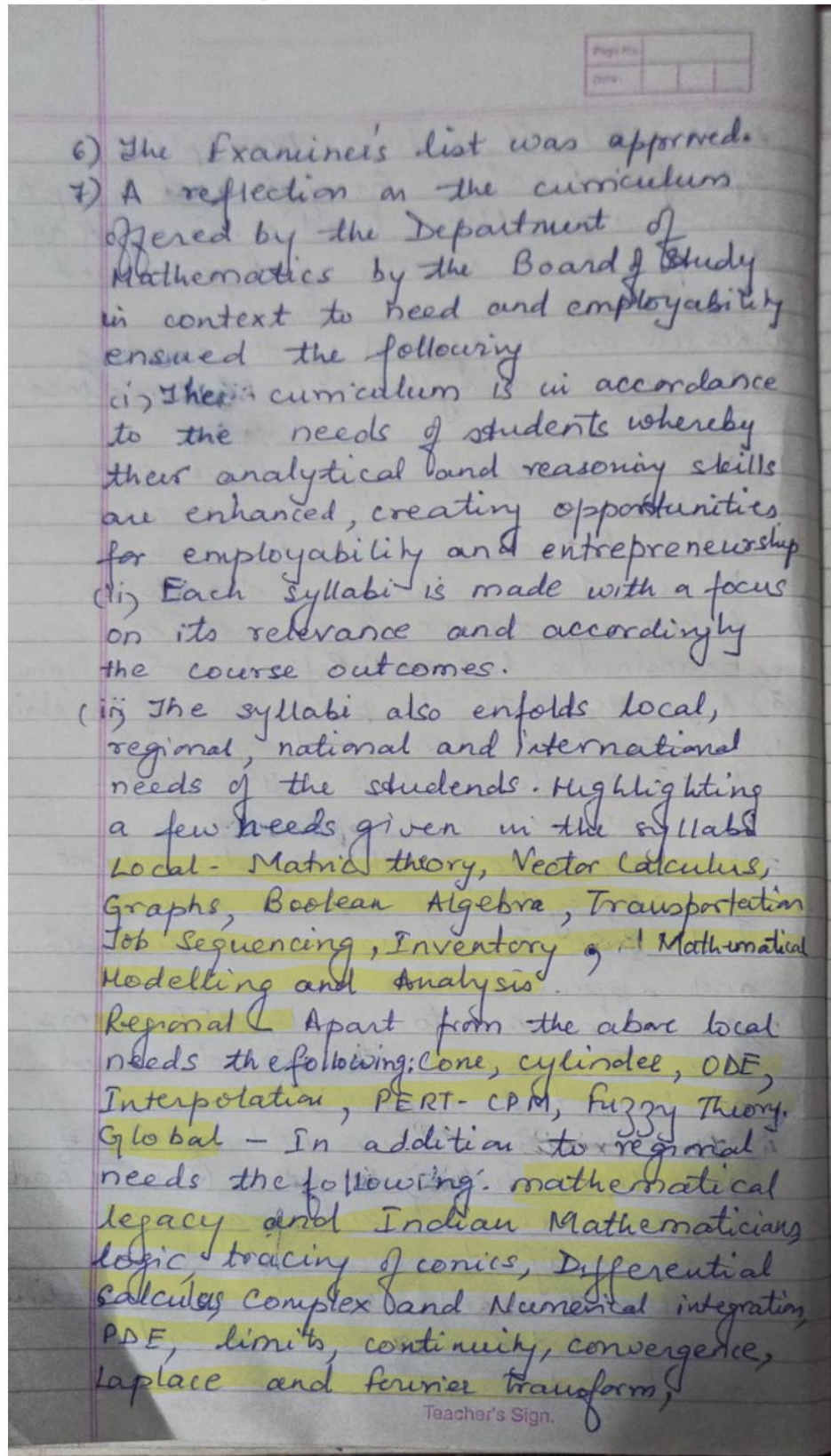
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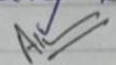
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cryptography and Wavelets.  
International - Encompassed the above  
needs

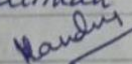
(iv) The curriculum imparts skills like  
observational and interpretation of data,  
real-world problems and solution through  
mathematical models, decision making.

The meeting ended at 2:30 pm on a  
positive note.

Secretary BOS

  
Dr. Akhilesh Pathale

Chairman BOS

  
Dr. Mandira Kar.

Teacher's Sign.



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# Department Of English



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2023-24.

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Board of Studies Meeting.

Date: 7th July 2023

Day: Thursday

Time: 12:00 pm

Venue: Virtual platform - Google Meet

Board Members:

1. Prof. K.M. Pande
2. Dr. Shahbaz Khan
3. Dr. Shikani Baser
4. Dr. Parvraj Shukla
5. Mrs. Nandini Agrawal
6. Dr. Neelanjana Pathak
7. Dr. Niharika Singh
8. Dr. Soma Gurha Das
9. Mr. Viraj Singh Yadav
10. Ms. Chanella Cerebins

Agenda.

- Opening prayer.
- Minutes of BOS previous meeting.
- Syllabus approval of  
BA-III and BA-IV Semester English  
Literature and Functional English.
- BA-III year English Literature  
(Group-A) and (Group-B).
- BA-III year Functional English  
(Group-A and Group-B).
- Foundation Course.  
English Language for all streams



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- Rethinking on PG Comprehensive Viva/Term/Research Paper writing.
- Certificate Course - Merging Spoken English and Proficiency in English - LSRW as English Language Enhancement Diploma.
- Suggestions for internships and collaborations.
- Any other matter with the permission of the chair.
- Request esteemed members kindly to provide feedback on the syllabus.

•

- The Board of Studies Meeting for the academic session 2023-24 began with a welcome note by Dr. Neelanjana Pathak, Head and Chairperson, BOS English, St. Aloysius' College.

- The opening prayer was said by Dr. Niharika Singh.
- Dr. Soma Guha Das, Secretary BOS read out the minutes of the previous meeting which was held on 7th July, 2022 and accepted without change.





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- Dr. N. Pathak read out the agenda and a detailed discussion was conducted on all the points.

- In English Literature and Functional English the approval of BA-III and BA-IV Sem.

~~BA-III Sem (Paper-I, Major - Prose)~~

~~BA-IV Sem (Paper-II) (Minor - Fiction)~~

~~BA-III Sem (Paper-I) (FE - Language and Technology)~~

~~BA-IV Sem (Paper-II) (FE - Communicative English)~~

and were gained unanimously and approved as it is.

- BA-III year, English Literature Group A and Group B.

DSE) ~~Group A Paper-I English Language Structure & Translation (Major) Paper-II - Indian Diaspora Literature~~

DSE) ~~Group B Paper-I Literary Criticism & Theory (Major) Paper-II Indian Writing in English~~

Dr. Pathak stated that students are free to choose any group of English Literature (Major).

BA-III year Functional English (Minor / Elective) - Indian English poetry and drama.



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Foundation Course - "English Language and Communication Skills" (for all streams) were discussed and the papers were shown to the members via screenshare. They were asked to share their feedback on the same.

- Dr. Pande suggested that the number of reference books should be increased and suggested titles such as 'Modern Applied Linguistics' by Krishnaswamy.

- Dr. Pathak said that 'Language and Teaching' is all computer based and as a result should be taught by the Computer Dept. It was suggested by the members that the college should employ someone who can teach English and Technology both.

- Dr. Pathak stated that FC is compulsory for students of all streams and proposed that one poem by Rajeev Khandelwal, entitled 'Do Lawyers Have Daughters' be added to the syllabus in order to make students aware of gender studies.



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- One paper of BA-IV Sem (Functional English) titled 'Language and Technology' the syllabus is the same that of BA III year FE. It was recommended that this needs to be clarified by the Higher Education Department.
  - In the Post Graduate programme, Dr. Pande suggested that Research Methodology and writing of a research paper should be included in the IV Sem.
  - Dr. N. Pathak then raised a question of whether the Comprehensive Viva should be continued at the end of the II & IV Semesters and it was suggested that the viva should be continued in the II Semester and Research Methodology should be introduced in the IV Semester. Dr. Pande further suggested that students may be given a choice between the comprehensive viva and writing a research paper.
  - Dr. Shilpari Basu stated that Research paper writing / Term



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paper writing should be mandatory for those who want to opt for research.

- Dr. Shalmaa expressed the opinion that the Comprehensive Viva will be beneficial to students since it is a part of the competitive examinations.

- Dr. Neelanjana Pathak stated that the certificate course in English will now be run as a Diploma in English Language Enhancement due to its success. Dr. Soma Babu Das said that the course will now consist of 180 hours, covering 10 modules and classes will run for two hours each day. It was agreed and passed by the BOS.

- With regard to Internships, it was pointed out by Dr. Pathak that there is dearth of institutions that students can be sent to in the city. As of now, they go to bookstores, schools etc.

Mrs Nandini Agrawal shared that the problem is that there are not many industries and those that exist, function primarily in Hindi. She helps students be placed at an



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institutions:

Fashion Institute, Schools,  
Amul Factory,  
Cocoa Cola Factory,  
Parle-G Factory.

- Dr. Shahana further suggested that interns could teach factory workers to write letters and emails if they are lacking in language skills.
- Dr. Shikhar Basu suggested that Content Writing could be an option for interns to take up during their internships.
- It was put forward by Mrs. Nandini Agrawal that online or offline collaboration may be undertaken with regard to internships as well.
- Dr. Pande added that Jabalpur is a hub of tourism and therefore interns can prepare brochures and documentaries in collaboration with the Department of Tourism. Further some training for tourist guides to communicate in English may be undertaken.



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- Dr. Shahraz stated that students can work on Jargon, Terminology etc, and use it as part of their training for various groups of individuals.
- Dr. Pathan thanked everyone for their suggestions and asked if there was anything more they would like to add.
- Dr. Neelanjana Pathan requested the BOS members to give short lectures to students as guest lectures during the semester and stated that the Department of English would coordinate with them in the near future regarding scheduling. She also mentioned that any further suggestions and feedbacks must be sent within fifteen days to the Departmental Head.
- Dr. Pathan thanked everyone for their presence, suggestions and patience. The meeting ended with the vote of thanks by Ms. Chavella Catherine.

Minutes prepared by

Soha

Dr. Soma Guha Das

Pathan

Dr. Neelanjana Pathan  
Head, Dept. of English.



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# Department Of Hindi



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22/07/23

अध्ययन मंडल बैठक

दिनांक - 22 जुलाई 2023  
समय - प्रातः 10:30 बजे से

हिंदी विभाग द्वारा सत्र 2023-2024 हेतु अध्ययनमंडल की ऑफलाइन/ऑनलाइन बैठक दिनांक 22 जुलाई 2023 को प्रातः 10:30 बजे से डिजिटल इनोवेशन सेंटर में आयोजित की गई। उसमें निम्नलिखित सदस्यों की उपस्थिति रही -

ऑफलाइन:-

डॉ. रामेन्द्र प्रसाद औझा  
डॉ. कैरोलिन सेनी  
डॉ. रीना थॉमस  
डॉ. अभिलाषा शुक्ला  
प्रो. हर्षवर्धन त्रिपाठी

ऑनलाइन:-

डॉ. रवेमसिंह डेहरिया  
डॉ. देवमाईत भिंज  
डॉ. अमित शुक्ल  
डॉ. दीपक पांडेय

बैठक का कार्यवृत्त

1. प्रार्थना
2. सदस्यों का स्वागत





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3. पूर्व बैठक का कार्यक्रम
4. पाठ्यक्रम अनुमोदन
5. प्राश्निक सूची
6. आभार प्रदर्शन

बैठक का शुभारंभ डॉ. कैरोलिन के द्वारा प्रार्थना से किया गया। इसके पश्चात् हिंदी विभाग एवं हिंदी अध्ययनमंडल के अध्यक्ष डॉ. रामेन्द्र प्रसाद औझा के द्वारा सभी सदस्यों का स्वागत तथा अभिनंदन किया गया। बैठक के अगले चरण में डॉ. रीना थॉमस द्वारा पूर्व बैठक के कार्यक्रम का वाचन किया गया।

पाठ्यक्रम अनुमोदन :- इसके अंतर्गत हिंदी भाषा, हिंदी साहित्य एवं प्रयोजनमूलक हिंदी के प्रश्नपत्रों पर कक्षावार चर्चा की गई।

## प्रथम सैमिनार

⇒ हिंदी भाषा - आधार पाठ्यक्रम प्रथम प्रश्नपत्र "भाषा और संस्कृति" को यथावत स्वीकार किया गया।

⇒ हिंदी साहित्य - (मुख्य/गौण) - इसके अंतर्गत "हिंदी काव्य" प्रश्नपत्र में संदर्भ ग्रंथ के रूप में "औझा रामेन्द्र प्रसाद, "इंद्रबहादुर खरे की रचनाओं में मूल्यबोध," संदर्भ प्रकाशन, भोपाल, संस्करण 2021" पुस्तक



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Page: \_\_\_\_\_

को जोड़ा गया।

⇒ हिंदी साहित्य (वैकल्पिक) - के अंतर्गत "हिंदी काव्य" प्रश्नपत्र में संदर्भ ग्रंथ के रूप में "ओझा, रामेन्द्र प्रसाद, 'इंद्र बहादुर खरे की रचनाओं में मूल्यबोध', संदर्भ प्रकाशन, भोपाल, संस्करण 2021" पुस्तक को जोड़ा गया।

⇒ प्रयोजनमूलक हिंदी (मुख्य/गौण) - प्रश्नपत्र "प्रयोजनमूलक हिंदी: परिचय एवं विविध रूप" में संदर्भ ग्रंथ के अंतर्गत "अरासू, रेव. डॉ. फा. जी. वलन, शुक्ल, अभिलाषा, हिंदी सर्वत्र विद्यते, विश्व हिंदी साहित्य परिषद, दिल्ली, संस्करण 2020" तथा "शुक्ल, डॉ. अभिलाषा, अरासू, रेव. डॉ. जी. वलन, हिंदी के विविध आयाम, विश्व हिंदी साहित्य परिषद, दिल्ली, संस्करण 2020" तथा "शुक्ल, डॉ. अभिलाषा, अरासू, रेव. डॉ. जी. वलन, विविध रूपा हिंदी, विश्व हिंदी साहित्य परिषद, दिल्ली, संस्करण 2021" पुस्तकों को जोड़ा गया।

⇒ प्रयोजनमूलक हिंदी (वैकल्पिक) - प्रश्नपत्र "प्रयोजनमूलक हिंदी: परिचय एवं विविध रूप" में संदर्भ ग्रंथ के अंतर्गत "अरासू, रेव. डॉ. फा. जी. वलन, शुक्ल, अभिलाषा, हिंदी सर्वत्र विद्यते, विश्व हिंदी साहित्य परिषद, दिल्ली, संस्करण 2020" एवं "शुक्ल, डॉ. अभिलाषा, अरासू, रेव. डॉ. जी. वलन, हिंदी के विविध आयाम, विश्व हिंदी साहित्य परिषद, दिल्ली, संस्करण 2020" तथा "शुक्ल, डॉ. अभिलाषा



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विश्व हिंदी साहित्य परिषद, दिल्ली, संस्करण  
2021" पुस्तकों को जोड़ा गया।

चतुर्थ सेमेस्टर

⇒ हिंदी साहित्य - पुश्तपत्र "नाट्य लेखन  
एवं रंगमंच" (सामान्य  
वैकल्पिक) की चतुर्थ इकाई में "जबलपुर  
के स्थानीय रंगमंच का इतिहास एवं प्रमुख  
नाट्य कर्मी" विषय को जोड़ा गया।

तृतीय वर्ष

⇒ हिंदी भाषा - आधार पाठ्यक्रम प्रथम पुस्तक  
"भाषा और संस्कृति" को यथावत  
स्वीकार किया गया।

⇒ हिंदी साहित्य (डिसिप्लिन स्पेसिफिक इलेक्टिव  
समूह 'अ', पुश्तपत्र - "काव्यांग  
विवेचन एवं जनपदीय भाषा - साहित्य"  
की चतुर्थ इकाई में "पूरुनचंद्र श्रीवास्तव -  
1. काशी बदरिया, 2. बिसराम धरी भरकर  
लो जू" विषय को जोड़ा गया।

⇒ हिंदी साहित्य (डिसिप्लिन स्पेसिफिक इलेक्टिव)  
समूह 'अ', पुश्तपत्र - "काव्यांग  
विवेचन एवं जनपदीय भाषा - साहित्य" की  
पंचम इकाई में "हसदेव बचवौ - ऊपाकिरण  
आजाम (गौड़ी कविता)" विषय को जोड़ा गया।



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अरासू, रैव. डॉ. जी. वलन, विविध रूपा हिंदी  
विश्व हिंदी साहित्य परिषद, दिल्ली, संस्करण  
2021" पुस्तकों को जोड़ा गया।

चतुर्थ सेमेस्टर

⇒ हिंदी साहित्य - पुश्तपत्र "नाट्य लेखन  
एवं रंगमंच" (सामान्य  
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के स्थानीय रंगमंच का इतिहास एवं प्रमुख  
नाट्य कर्मी" विषय को जोड़ा गया।

तृतीय वर्ष

⇒ हिंदी भाषा - आधार पाठ्यक्रम प्रथम पुस्तक  
"भाषा और संस्कृति" को यथावत  
स्वीकार किया गया।

⇒ हिंदी साहित्य (डिसिप्लिन स्पेसिफिक इलेक्टिव  
समूह 'अ', पुश्तपत्र - "काव्यांग  
विवेचन एवं जनपदीय भाषा - साहित्य"  
की चतुर्थ इकाई में "पूरुनचंद्र श्रीवास्तव -  
1. काशी बदरिया, 2. बिसराम धरी भरकर  
लो जू" विषय को जोड़ा गया।

⇒ हिंदी साहित्य (डिसिप्लिन स्पेसिफिक इलेक्टिव)  
समूह 'अ', पुश्तपत्र - "काव्यांग  
विवेचन एवं जनपदीय भाषा - साहित्य" की  
पंचम इकाई में "हसदेव बचौर - ऊपाकिरण  
आजाम (गौड़ी कविता)" विषय को जोड़ा गया।



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में "जबलपुर से प्रकाशित हिंदी के प्रमुख समाचार पत्र" विषय को जोड़ा गया।

प्राश्निक सूची - प्राश्निकों की सूची पर विचार कर अनुमोदन किया गया। बैठक में अध्यक्ष बंडल के अध्यक्ष को आवश्यकतानुसार निर्णय लेने के लिए अधीकृत किया गया।

आभार प्रदर्शन - बैठक के अंत में सभी सदस्यों के प्रति आभार प्रदर्शन डॉ. अभिलाषा शुक्ल के द्वारा किया गया।

उपस्थित सदस्यगण :-

1. डॉ. रामेन्द्र प्रसाद डोडा - ✓
2. डॉ. कैरोलिन सैनी - ✓
3. डॉ. रीना ग्रामस - ✓
4. डॉ. अभिलाषा शुक्ल - ✓
5. डॉ. खेमसिंह डहेरिया
6. प्रो. हर्षवर्धन त्रिपाठी
7. डॉ. देवमाईत मिश्र
8. डॉ. अमित शुक्ल
9. डॉ. दीपक पाण्डेय



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# Department Of History



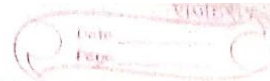
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Board of studies Meeting in history

Date - 14/07/2023

Time - 11:30 AM.

Agenda.

1. Discussion on syllabus of B.A. II Semester Fourth Semester and B.A. Third year (NEP)
2. Approval of the value added Course
3. Finalizing the list of examiners.
4. Discussion on Field Project / Internship / Community Based service.
5. Any other matter.

The Board meeting members are -

Chairperson - Dr. Manju Menia Solomon.  
Head, Dept. of History.  
St. Aloysius Aut. College Jabalpur

Academic Council Dr. Naveen Gideon  
Nominee Prof. Dept. of History, Govt.  
girls P.G. College of Excellence  
Sagar

Dr. R. N. Shrivastava  
Prof. Dept. of History, Govt.  
Auto MKB girls College Jabalpur

V.C. Nominee Dr. Adkesh Chaitanvedi  
Prof. History, Registrar.  
Sanchi University of Buddhist  
Indic studies.

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Industrial representatives - Atiyaji Khandalkar  
Past Graduate Mentors -  
Alumnus -  
Dr. Ashokra Singh  
asst. Prof. Z. Heald,  
Maha Grijyals  
College Jabalpur

The meeting commenced with a  
short prayer by Dr. Manju Solomon.  
The BOS chairperson welcomed the members  
and placed the agenda before the  
board for deliberations.

Minutes of last BOS meeting  
The chairperson read out the  
minutes of the previous BOS meeting  
held on 30-6-2022, which was proposed  
by Prof. Navan Gidon and seconded  
by Dr. R.N. Shivastava.

Discussion on syllabus of UG classes.  
There was  
a long and deep discussion on  
B.A. Second Semester Paper "History of  
Ancient India (From Early to 1805 AD)"  
B.A. Fourth Semester Paper "History of  
Modern India (From 1740 to 1947)"  
B.A. Third year.

**Group 'A' Discipline Specific Elective**

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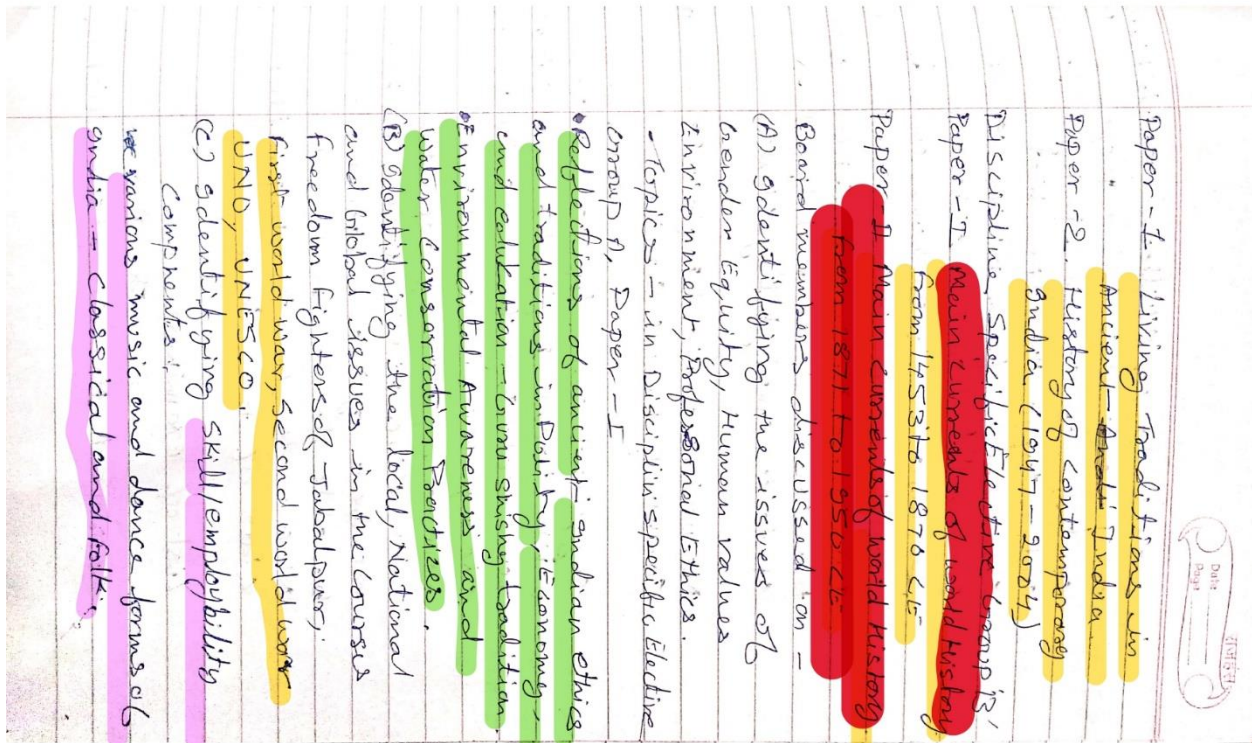
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To enhance skills and employability components department proposed certificate course in hybrid mode. Topic "Indian history chronology - from ancient to the medieval India". This course introduction is 50 hours and 20 credits. Board members approved this course. Dr. Navneet Girdhar said this course is very helpful for students employability skills.

Discussion on field project/internship Community Based Service.

Members suggested some topics related with local, regional and national level field project and internship. Each person informed members regarding new department with Mrs. Pooja. Under Pooja members guidance students will be able to learn how this new work for the Unprivileged Class of the Society.

List of Examiners  
The BOS members approved the suggested list of

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Examiners for the upcoming  
examinations of the session 2023-24  
meeting concluded with a  
gratitude filled note of thanks  
by Dr. Manju Salwan.

*Manju Salwan*  
Chairperson.

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# Department Of Economics



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## BOARD OF STUDIES MEETING

DATE :- 24<sup>th</sup> JUNE, 2023

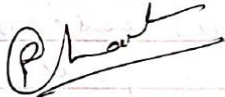


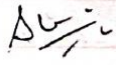
TIME :- 11:30 am.

### AGENDA :-

An online Board of Studies meeting was held on 24<sup>th</sup> June 2023 at 11:30 am with the following Agenda :-

- Prayer
- Minutes of the last meeting
- Discussion on UG syllabus & VOCATIONAL
- Discussion on certificate courses
- Discussion on students projects and Internship
- Any other matter
- Vote of thanks

### MEMBERS

- DR. REETA CHOUHAN 
- REV. DR. G. VAZHAN ARASU
- DR. ANTHONIMA ROBIN
- DR. RENU MARKANDE 
- MRS. DEEKSH JAIN 
- MRS. SHRUCHI SAXENA 
- DR. S. K. CHOUBEY
- PROF. CHANDRASHEKHAR ARONKAR
- MR. PANKAJ MAHESHWARI
- DR. ROHIT BALLYANI



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## PRAYER :-

The online meeting of Board of Studies in Economics was started with a short prayer by Dr. Anthonima. Dr. Reeta Chochan welcomed all the members of Board of Studies and introduced the agenda of the meeting.

## MINUTES OF THE LAST MEETING :-

Mrs. Deekha Jain read out the minutes of the last Board of Studies meeting. The minutes was proposed by Dr. S. K. Choubey and second by Dr. Anthonima Robin.

## DISCUSSION ON UG SYLLABUS :-

There was a long and deep discussion held on the New Education policy for BA III year Annual scheme syllabus. Dr. Reeta Chochan has given a detailed presentation on new syllabus of BA III year and the members agreed to pass it unanimously.

As per New Education's policy Development Economics of growth and Development as major, Statistics as a minor and



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Elective subjects will be taken, to make syllabus more relevant as per the feedback taken by the students and stakeholders. Some topics were added in the syllabus like concepts of Semangalam Development, Pandit Deendayal Upadhyaya's Economic Thoughts, The vedic approach of Sustainable development, Anandam Sanshan of Government of Madhya Pradesh, Charvaka philosophy of materialism, contribution of Prof. Gadgil, Prof. Vakil and Prof. Brahmonanda in using Disguised Unemployment as saving potential and The Sustainable Development Goals (SDGs) 2030 Agenda which will enhance the knowledge of the local, regional, national and international need of the economy.

Panel also discussed upon the subject of statistics. Dr. S.K. Choubey put on more focus on the practical subject which can prove to be of skill based. Panel suggested some topics such as sources of Demographical, Agricultural and Industrial data Analysis.

There will be choice given to all the students from the department to select Gender Economics as an Elective. Dr. S.K. Choubey and Dr. Rohit



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Balyani have suggested to create awareness about the cross cutting issues. Some relevant topics should be added in the syllabus, so students can understand the working of the society. They have suggested such topics like Gender study, women Demography and health, participation of women in Indian society and women empowerment.

## DISCUSSION ON VOCATIONAL COURSE ON ADVANCED EXPORT IMPORT MANAGEMENT II & III LEVEL SYLLABUS:-

The department is offering Export Import management as a vocational course. The panel also discussed the new advanced syllabus on II & III level Export Import management and the course was passed unanimously. The members were agreed to give field exposure and practical knowledge through field work. Dr. S. K. Choubey suggested some topics such as Aligned Documentation system, official machinery for consultation, Export contract, Export orders procedure, Role of clearing and agents in international trade and cargo insurance and claim procedure to enhance the employability and skill development.





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## DISCUSSION ON STUDENTS PROJECTS AND INTERNSHIP :-

There was a detailed discussion on students project and internship. Dr. SK Choubey suggested encouraging the students to undertake projects related to the local need and resources. He also advised that the students projects should be designed first. He advised that the project work should be for 45 days in which 15 days of guidance would be given and then 30 days of guidance would be given to the students on the practical aspects. Dr. SK Choubey suggested some topics like kisan vikas patra, corporate Bank, micro finance scheme and Bēli Bachao Bēli Badhao. Under these topics students can do their research work.

Dr. Rohit Balyani advised that students should choose one topic within the project work from which students can work on the same topic in future. So that they can complete their research work in future. He suggested focusing on the students interest and career options before sending them for projects and internship.



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## DISCUSSION ON ADD ON COURSE :-

To enhance the employability the department is running add on course on Advertisement and sales promotion. The members accepted the syllabus and suggested that the certificate course should be focusing on marketing because in present scenario the methods of marketing have changed. So he asked to teach the students the methods of marketing, in which 15 days of theoretical classes should be taken and 15 days of internship program with the advertisement company.

They have suggested that instead of full theoretical classes students should go through some entrepreneurial activities, so they can learn entrepreneurial skill. They have suggested some topics such as Role of advertisement agency, pre launch advertisement, advertising media and advertising message.

## DISCUSSION ON RESEARCH PROJECTS :-

On the bases of the feedback given by the passed out students the members advised that



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Research projects should be done for the students of final years and post graduation to incorporate environmental issues and cross cutting issues of the society at local, regional, national and international level. Research projects should be of interest of the students, so that the students learn to do research in the same and true sense. Dr. S.K. Choubey suggested some topics like local livelihood, gender equality, green growth, economic condition, recent social issues etc.

Dr. S.K. Choubey and Dr. Rohit Balyani suggested the research projects can be done by post graduation students to work on improving the financial condition, case study on shops can be linked to E-commerce, case studies can be done on Agri finance.

## ANY OTHER MATTER :-

Dr. Reeta Chouhan said that next year we will make some more improvements in the syllabus of post graduation, in which our focus will be more



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on employment, entrepreneurial and skill development.

Dr. SK Choubey advised that we should keep taking feedback from our post-graduates passed out from time to time who have given competitive exams.

## NOTE OF THANKS :-

The Board of Studies meeting ended with the vote of thanks proposed by Dr. Renu Markande.

— X — X — X —



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# Department Of Political Science



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An online Board of Studies meeting was held on 12<sup>th</sup> July 2023 at 12:00 pm in the Department of Political Science.

Dr. Tuhina Jorvi	Tuhina
Dr. Vishwas Patel	V.P. 4.1.3
Dr. Fr. Ben Anton Rose	Ben
Ms. Bhavana Tekam	Bhavana
Dr. Yatindra Singh	
Dr. Indu Pandey	
Dr. Vivek Mishra	
Mr. Suraj Dubey	
Ms. Prachi Nardeo	

## AGENDA OF THE MEETING

1. Welcome the members
2. Minutes of the last meeting
3. Discussion on BA III Semester Syllabus
4. Approval of the syllabus of BA III Year
5. Suggested list of examiners
6. Any other matter with the permission of chair
7. Note of thanks.

The meeting was started with a welcome address and introduction of the members by Dr. Tuhina Jorvi. The minutes of the last meeting were read by Ms. Bhavana Tekam which was proposed by Dr. Vishwas Patel.



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## DISCUSSION ON BA III SEMESTER SYLLABUS

As per Ordinance 14A for Undergraduate Degree by Dept. of Higher Education, Govt. of M.P., the college has introduced Semester System for UG course. In this reference, as per the introduced semester system in BA II II Semester, the Dept. of Political Science is continuing it for BA III & IV Semester and proposed it in the meeting for approval. The department has proposed the following papers:

### Third Semester

Paper	Title	Credit
Major/Minor	Western Political Thought	06
Elective	Western Political Thought	04
Generic Elective	Human Rights	04

### Fourth Semester

Paper	Title	Credit
Major/Minor	Indian Political Thinker	06
Elective	Indian Political Thinker	04
Generic Elective	Understanding Gandhi & Ambedkar	04

In the meeting the discussion took place on the syllabus which emphasizes few topics related to the cross-cutting issues i.e. -



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Human Values - Thoughts of Mahatma Gandhi, Vivekanand.

Gender - Thought of Pandita Ramabai, Kamla Devi Chetopaddyay, Savitri Bai Phule, Tara Bai.

The Gender Elective Paper - 'Human Rights' of BA III Semester and Understanding Gandhi and Ambedkar of BA IV Semester highlights cross cutting issues Human Values.

## APPROVAL OF SYLLABUS OF BA III YEAR

In compliance with Ordinance 14 B (MP Higher Education), under the third year of graduation, by selecting any one DSE group. The department has proposed the syllabus of BA III Year Discipline Specific Elective for Major Paper including the following groups -

### Group A

Paper I - Indian Foreign Policy

Paper II - Public Administration

### Group B

Paper I - Comparative World Constitution

Paper II - International Relations & Contemporary Issues





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The department also proposed the syllabus of BA III Year Minor & Elective Paper titled 'State Politics in India'. In the syllabus following topics in -

Paper I - Indian Foreign Policy - National Interest, India's Geo Politics, Geo-Economics, Non-aligned Policy, Disarmament is emphasized National and International Needs and India's Role in Environmental Protection addressed the Environment issues.

Paper II - Public Administration - People Participating Features of people-Participation in India, Principles of Organization, Civil Services Recruitment Procedure at State Level (reference to Madhya Pradesh) Levels, Topics focused on Local, Regional and National needs. Civil Services Recruitment Procedure at Union, Comptroller and Auditor General of India, Budgetary Process in India, Bureaucracy Recruitment, are emphasized on Employability and Skill Development.

The board unanimously approved the syllabus.

## VOTE OF THANKS

The meeting was concluded with the vote of thanks given by Dr. Ushwan Patel.

Taking

By



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# Department Of Commerce



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Chairperson of BOS -  
Dr. Rupali Khumaria

1. Expert nominated by Vice Chancellor  
Prof. Mahendra Singh

2. Academic Council Nominee :-  
Dr. Mohd. Abdul Raffiq  
Dr. Adhikesh Rai

Industrial Representative -  
CA Sushant Parekh

Outstanding Alumnus -  
CA Vijaya Agarwal

Member Secretary -  
Miss Nidhi Rajak

Faculty Members -

# Dr. Rupali Khumaria (HOD)  
Department of Commerce Chairperson  
on BOS

# Dr. Sonal Rai (Second Shift)



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- in charge B. Com)
- Dr. Vandinder Kaur (Deputy Excm. Controller) *Excm. Controller*
  - Dr. Sanjay Rajak (Coordinator Major) *Sanjay*
  - Dr. Ashu Jain (Coordinator Minor) *Ashu*
  - Dr. Dilip Kashla (Coordinator Elective)
  - Dr. Preeti Jain *Preeti*
  - Dr. Sunil Timari *Sunil*
  - Mr. Harbakhsh Gopalchandani *Harbakhsh*
  - Dr. Yogesh Ashar *Yogesh*
  - Dr. Kugshya Raza *Kugshya*
  - Dr. Nidhi Khurana *Nidhi*
  - Dr. Kamal Kumar *Kamal*
  - Dr. Sarita Groel *Sarita*
  - Dr. Surbhi Jain *Surbhi*
  - Dr. Ekta Mukkar *Ekta*
  - Dr. Priya Sahani *Priya*
  - Ms. Nidhi Rajak (Member Secretary B. Com)
  - Mr. Jatin Anand *Jatin*

## Agenda of the meeting -

1. Approval of I-IV Sem Sylla in UG Commerce as per National Education Policy 2020.
2. Syllabi in UG Commerce III y<sup>r</sup> as per National Education Policy 2020.



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- Date: \_\_\_\_\_  
Page: \_\_\_\_\_
- 3 Internweaving Skill Development Component in the Curriculum
  - 4 Add-on Courses: The required linkages and collaborations.
  - 5 Any other agenda (with the permission of the chair)
  - 6 Vote of Thanks.

## Minutes of the meeting

The meeting of the board of studies of the faculty of Commerce was held on 8<sup>th</sup> July 2023 at 12:30pm in hybrid mode. The meeting started with a prayer by Dr. Taruinder Kaur. The chairperson Dr. Rupali Ahluwalia welcomed and introduced the members of the newly constituted board of studies. The minutes of the previous BOS meeting were read out by the secretary Miss Nidhi Rajak which were approved and seconded by



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Discussion on UG Syllabus as per NFP (Semester Pattern)

The Syllabus of the NFP and UGC HOLF Curriculum was referred to and based on this the syllabus for UG I, II, III, IV, Semester and III year was presented before the Board of Studies for discussion and approval.

- The following topics were proposed to be introduced to make them employable. Dr. Ashu Jain presented the paper Business Organisation in which she proposed a case study on Cooperative Organisation in Jabalpur to make students understand the legal requirement to start a cooperative organisation and its functioning which will enhance their entrepreneurial skills. Similarly, in the paper Banking and Insurance, Dr. Komal Ranawat proposed the topics Modern Banking Practices in India Mobile Bankers, Auto Sweep



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Micro finance to be added to the syllabus for the students to enhance their employability skills. On the other hand to enhance the skills of students in the field of advertisement DAGMAN & AIDA Model was proposed by Dr. Ekta Mukherjee to be added to the paper advertisement and sales promotion. After the discussion, the members approved these additions.

- Next on the agenda was the syllabus of B.Com II<sup>nd</sup> Semester in which the following updates were proposed. In the paper on the Business Regulatory Framework Process, and procedure of filing a complaint under the Consumer protection act, was proposed to strengthen the practical skills of students to enhance the communication skills of the students. Topics such as Mock Interviews and



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CV preparation were proposed to be added to the Business Communication paper. To train students for the current requirement of the market 'Social Media Marketing' topic was proposed to be added to the syllabus. To build salesman skills and personality in students' members suggested to add the topic 'Ethics and Integrity in Salesmanship' after the discussion, members approved the topics.

- In III<sup>rd</sup> and IV<sup>th</sup> Semesters the paper Corporate law, practical Aspects of Company: promotion, Incorporation and Commencement of Business with the example of the case study was introduced. To impart practical knowledge and promote entrepreneurial skills, in the paper Financial Market Operations, guest lectures on Market Study by experts were suggested by members.





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- Syllabi of III<sup>rd</sup> year in light of New Education policy :-  
Next on the agenda was the discussion on the syllabi of III<sup>rd</sup> year which has been designed in group and will promote specialisation in their selected fields such as specialisation in Tax, Marketing and Finance
- Discussion on Add-on Courses conducted by the department before the new council.  
The Courses were:
  - MS CMA - Under the Collaboration with Mills Education
  - CPBT - Under the Collaboration with Bajaj Finserve
  - ECU-GB - Under the Collaboration with East Carolina
  - Taxation for beginners
  - Finance for Non-finance



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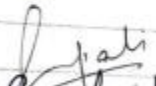
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## Professional

These Courses would help to enhance the skill and employability of students, the members suggested some more add-on courses which can be beneficial for students.

Based on the suggestions given by the members, the Chairman of BOS expressed gratitude for fruitful suggestions, with the assurance would be incorporated appropriately in the curriculum.

The meeting concluded with vote of thanks proposed by Dr Ashu Jain

  
Dr. Rupali Ahluwalia  
(Chairperson)

  
Ms. Nidhi Rajak  
(Member Secretary)



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रानी दुर्गावती विश्वविद्यालय, जबलपुर(प्र.प्र.)  
(पूर्व नाम जबलपुर विश्वविद्यालय, जबलपुर)



क्रमांक/अका./2024/105

जबलपुर, दिनांक 22/3/2024

प्रति,

प्रधानार्थ,  
सेंट एलायसियस स्वशासी,  
महाविद्यालय, जबलपुर।

विषय :- साहित्य विषय में शोध केन्द्र की मान्यता वाकत् ।

महोदय जी,

विद्यापरिषद् की स्थायी समिति की बैठक दिनांक 13/02/2024 निर्णयानुसार एवं कार्यपरिषद् की बैठक दिनांक 22/02/2024 के अनुमोदन पश्चात् आपके महाविद्यालय में साहित्य विषय में शोध केन्द्र की सम्बद्धता प्रदान करना मान्य किया गया है।

कुलसचिव,

रानी दुर्गावती विश्वविद्यालय, जबलपुर

जबलपुर, दिनांक 22/3/2024

प्रो क्रमांक/अका./2024/105

प्रतिलिपि सूचनार्थ -

1. कुलपति जी/कुलसचिव जी के सहायक, रानी दुर्गावती विश्वविद्यालय जबलपुर।

सहायक कुलसचिव(अकादमिक)  
रानी दुर्गावती विश्वविद्यालय, जबलपुर



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# Department Of Bachelors of Business Administrative



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Date: \_\_\_\_\_

## Board of studies meeting Session 2023-24

Date - 14<sup>th</sup> July 2023

Day - Thursday

Mode - Online (Google Meet)

### Agenda of the Meeting

- i) Minutes of last meeting
- ii) Syllabus of 3<sup>rd</sup> & 4<sup>th</sup> semester (NEP)
- iii) Syllabus of BBA III Year as per (NEP)
- iv) Introduction of IT for Managers as an Elective
- v) Any other matter

### Members Present:-

1. Dr. Rashmi Patras (Chairman) *R. Patras*
2. Dr. Narendra Shukla (University Nominee)
3. Academic Council Member  
Dr. Nambata Williams
4. Academic Council Member  
Dr. Lambodar Saha
5. Mr. Rounak Agrawal  
Industrial Expert
6. Mr. Mohit Baleja (Alumni)



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## Other Member

1. Dr. Shradha Srivastava

2. Dr. Rashmi Singh

3. Dr. Chhianchi Verma

4. Mrs. Asehana Dubay

5. Dr. Richa Jain

6. Ms. Seelika Patel

7. Ms. Ambiya Khannam.

Rashmi Singh  
Chhianchi Verma  
Richa Jain

Meeting starts with short opening prayer by Dr. Rashmi Patil.

Dr. Rashmi Patil welcome all the member formally to the meeting and also introduce the newly recruited faculty.

Minutes of the last meeting was read by Dr. Shradha Srivastava. Which was pass by Dr. Chhianchi Verma and seconded by Dr. Rashmi Singh.

Discussion on syllabus of BBA II year is started. Dr. Rashmi Patil briefed that BBA II year is now on semester wise, the paper will be divided accordingly. The first paper of each group is the major paper for semester 3 and 2<sup>nd</sup> paper of each group is the major paper for semester 4 and minor and elective paper will be divided accordingly.

Teacher's Sign.



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Sr. / wa

major paper is having 6 credits  
and elective paper is having 4 credits

In Group A major paper Human Resource Management topic. Talent management & talent acquisition is added which enhances the employment skills in the students and relates to local, regional and National level.

In the same paper the topic: Introduction of Code of wages is added in unit 4 after the discussion. As the topic will develop the skill of dealing with personnel in the organisation and having National and regional relevance also.

Group B major paper Marketing Management after discussing the syllabus the topic Modern & Future Trends of Marketing is added in Unit 3, which develop employability skills in the students. And having National and International relevance also.

In the Marketing Research the topic Schedule is added as it is now being used to conduct research and collecting data. The topic will develop the research and

Teacher's Sign.



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and analysing skills among the students and cater the local and regional needs also.

Group C Major paper Financial Management  
As per suggestions of the members  
~~the~~ in Unit 4 ~~with~~ the topics are vague  
and duplicated and not having relation  
with each other, the unit become more  
specified by updating the topics

BBA III Year will go on in Annual system. All three groups i.e. HR, Marketing and Finance always become core ~~elective~~ specialized group. The students will have 2 Discipline elective paper one minor and one elective paper. All are having 6 credits.

Dr. Shraddha Shrivastava informed that ~~while~~ from this session we are planning to introduce IT paper as an elective as it is having a high demand.  
Dr. Sukhinder Walia has briefed the syllabus of BBA I & II Sem which is ~~Unanimously~~ Unanimously passed by all the members. This course will develop entrepreneurial and employability skills among the students, and also cater the needs of all the level.

Teacher's Sign.





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Meeting ended with a vote of  
Thanks proposed by Dr. Chitra  
Verma

Chairman

Secretary

Dr. Rashmi ~~Paliya~~ Paliya

Dr. Shradha  
Shrivast



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# Department Of Computer Science



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## Department of Computer Science

Dt: 25/July/2023

Time :- 2:00 pm - 3:30 pm.

### Agenda.

Prayer by Mr. Swapnil Justin

Welcoming the guests members by  
Dr. Siby Samuel.

Review & Approval of the Minutes  
by Mr. J. Rajeshwar Rao.

Review of new Syllabus - Mrs. S.K. Wale  
Experts Comments

Approval of Examiners Panels - Mr. Anit Yadu

Vote of Thanks - Mr. J. Rajeshwar Rao

Following members were present.

① Chairman & Head of the Department  
Dr. Mrs. Siby Samuel.

② Entire faculty of each specialisation.



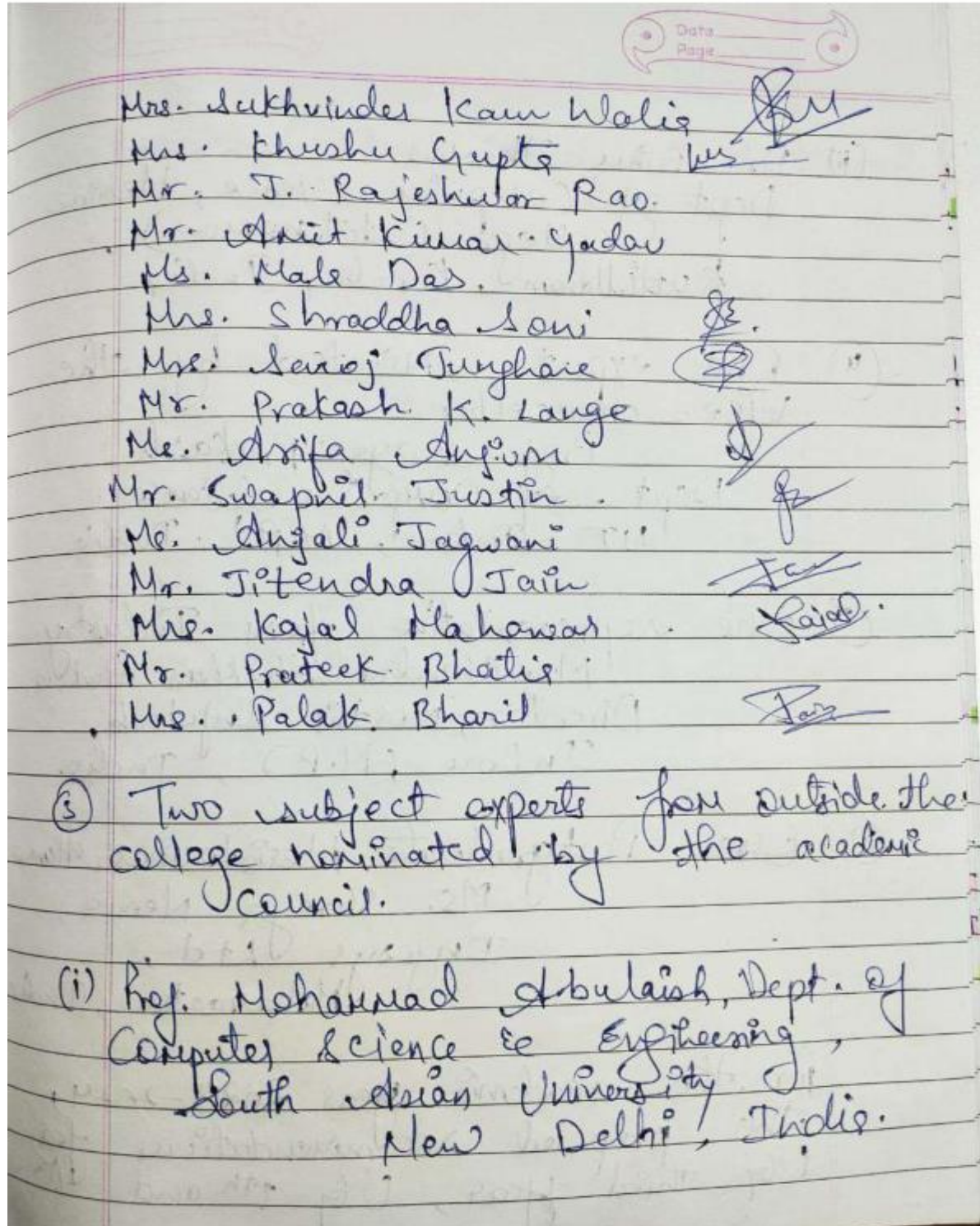
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(ii) Dr. Binu Thomas  
Dept of Computer Science, Merian  
College (Autonomous),  
Kuttillanam, Kerala, India

(4) One expert nominated by the  
Vice-Chancellor.

Prof. Suresh Prakash  
Dept. of Computer Science  
IIT Indore, (M.P.), India

(5) One representative from Industry  
Mr. Chandra Shekhar Shukla,  
Director, Rastis Infotech,  
Indore (M.P.), India.

(6) One Postgraduate Meritorious Alumnus  
Ms. Shreyas Nema,  
Infosys Ltd,  
Maharashtra, India.

for the academic year 2023-2024,  
the proposed recommendations for  
UG third year, UG 3<sup>rd</sup> and 4<sup>th</sup>



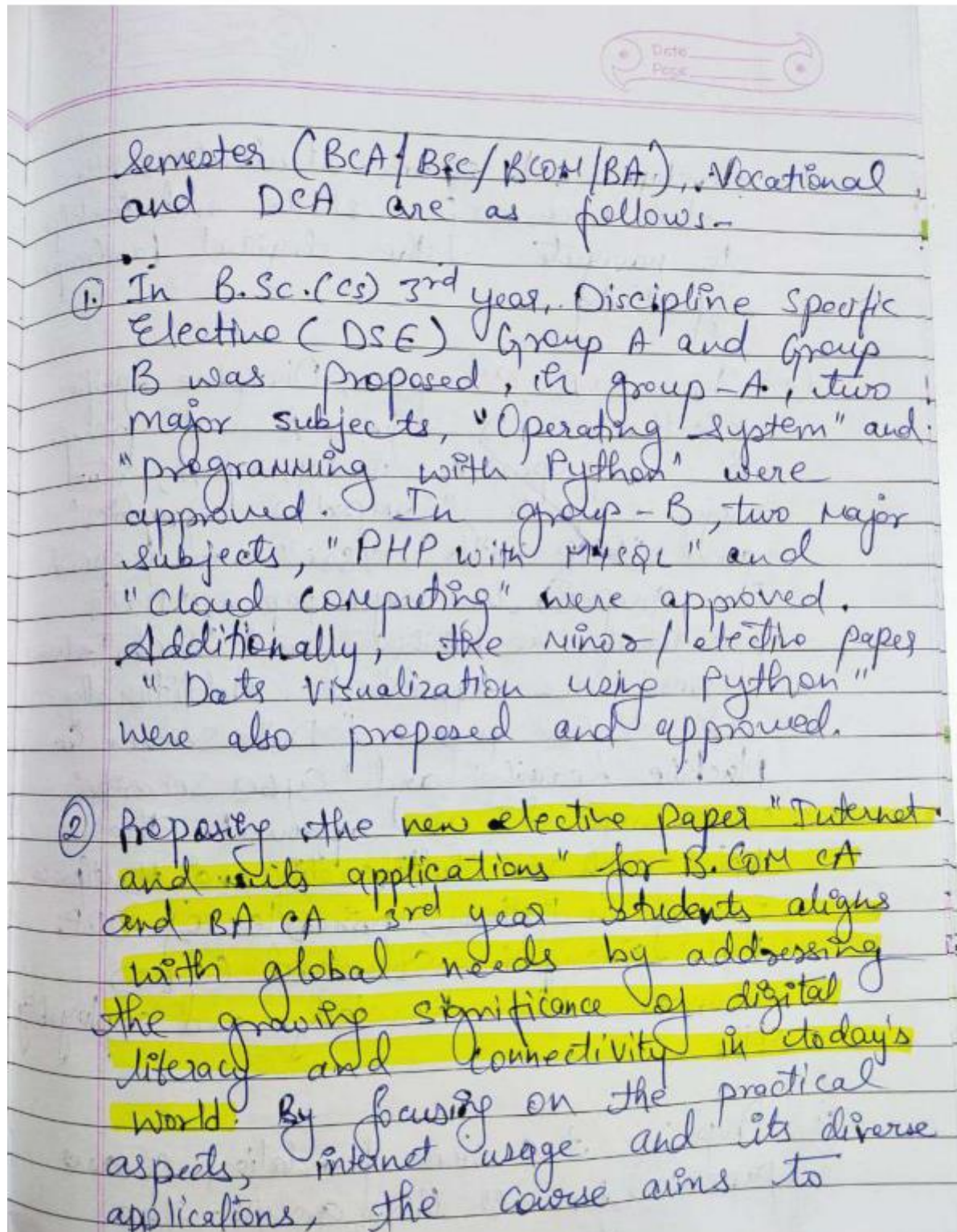
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develop and equip students with the necessary skills and knowledge to navigate the digital landscape effectively.

②. In BCA 2nd year, Discipline Specific Elective (DSE) Group A and Group B was proposed, in group A, two major subjects, "Computer Graphics" and "PHP with MySQL" were proposed. In group B, two major papers, "Data Warehousing & Mining" and "Web Technologies" were approved. Additionally, the elective papers, "Data Science & Machine Learning" and "Cyber Security" were proposed and approved. The topics such as Multithreading and Multiprocessing in Python, principles of OOP, Data Encryption Standard (DES) enhances the knowledge and employability skills.

③. Proposing the new foundation course papers for all UG groups. The



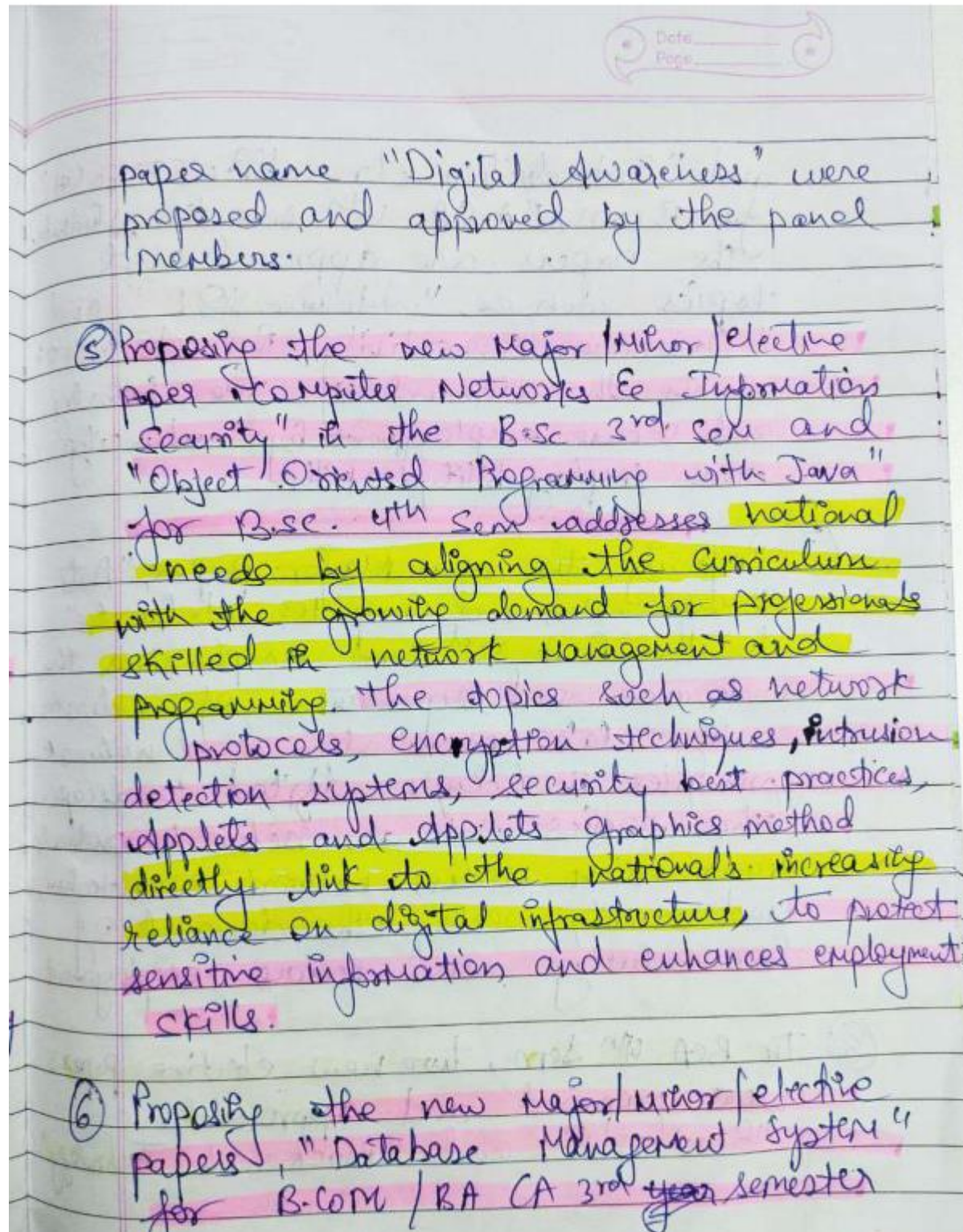
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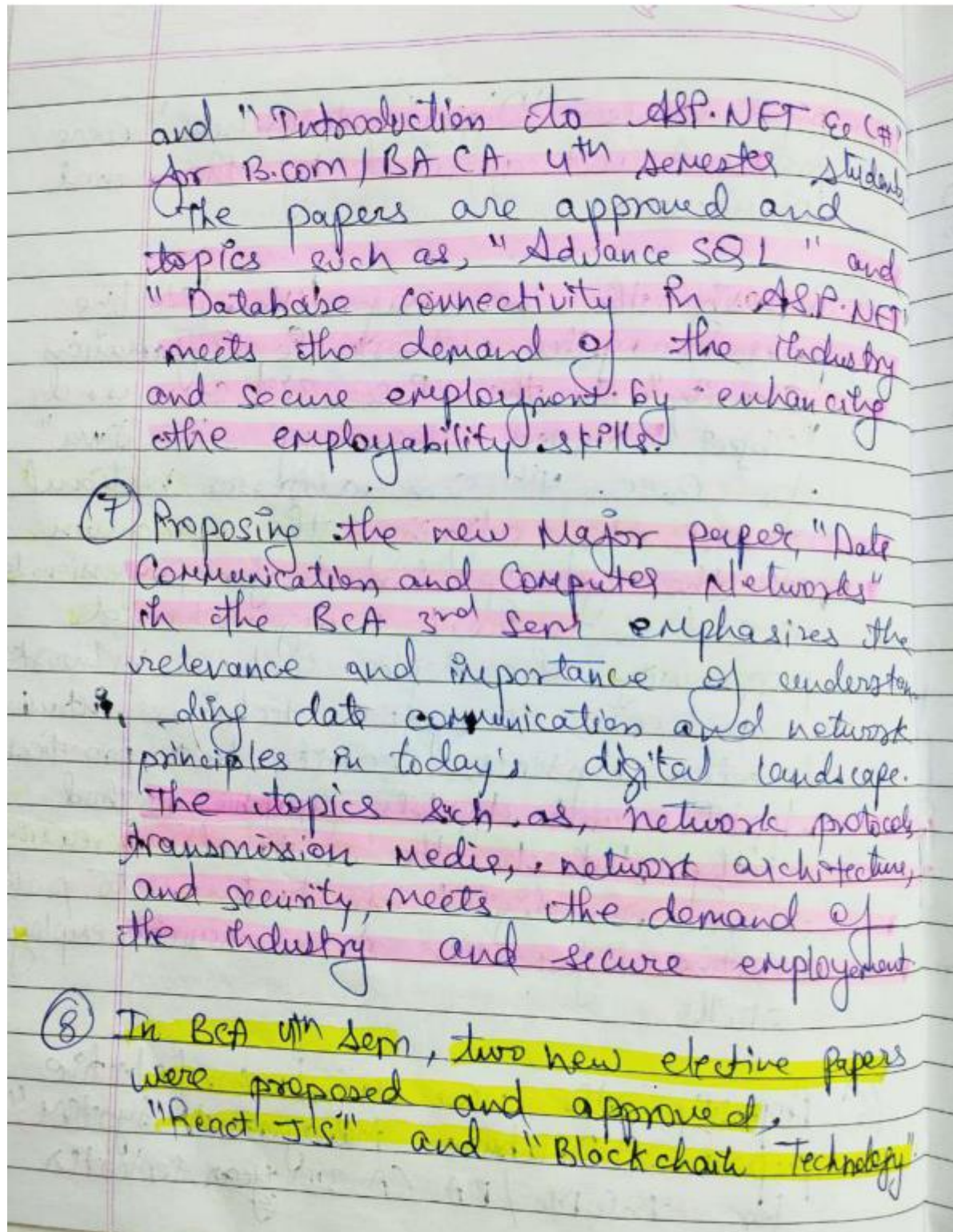
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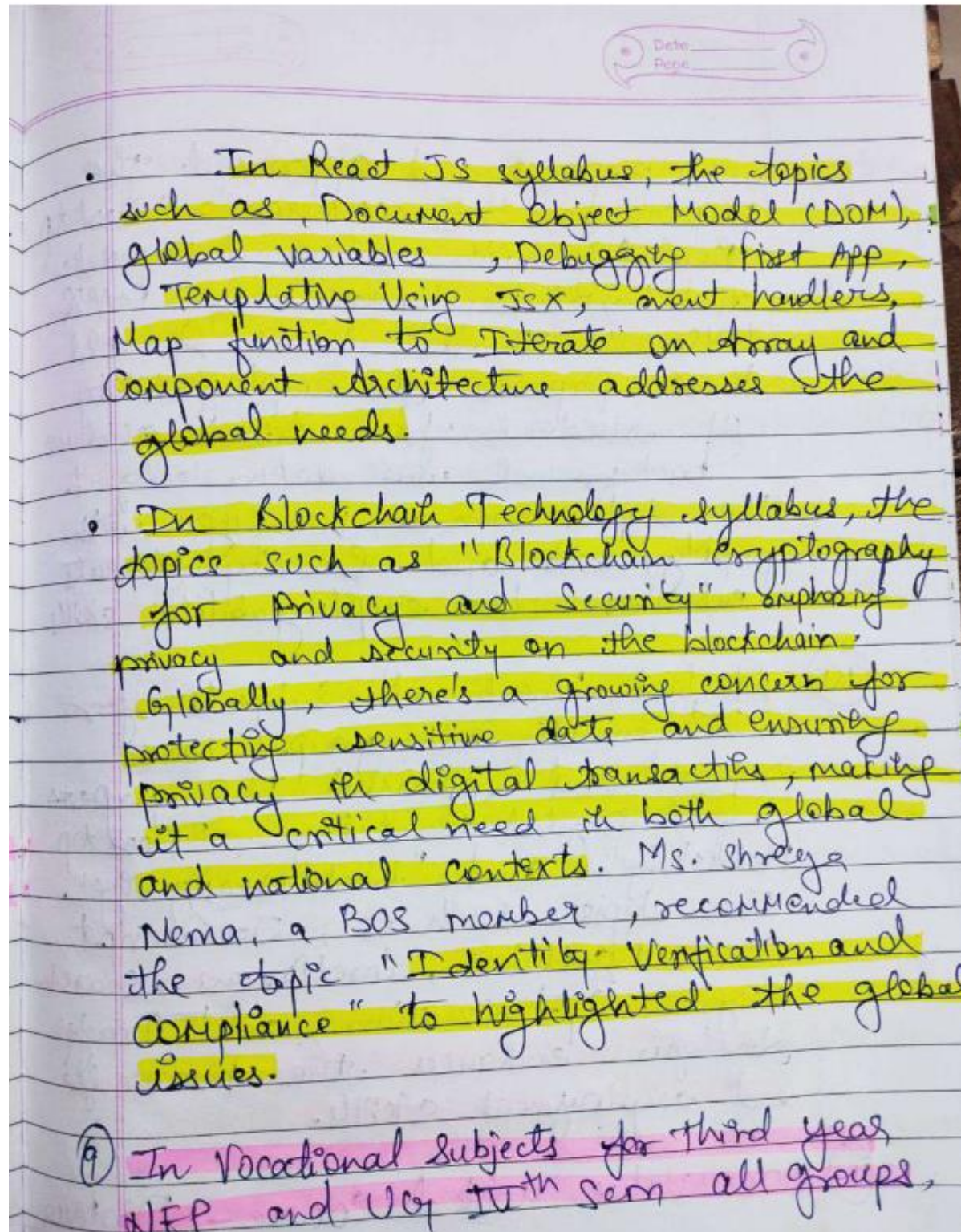
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were proposed and approved. The papers are "E-commerce", "Desktop Publishing with Advanced PageMaker" and "Web Development using PHP & MYSQL". In the domain of all these papers, the employability of students from diverse academic backgrounds was acknowledged. The topics such as, working with phpMyAdmin and security threats enhances the employability skills.

(10) At last, Vocational subjects for 3rd Sem UG all groups were proposed and approved. The papers are "Digital Marketing", "Desktop Publishing" and "Web Designing". The topics such as, Javascript, CSS, PageMaker, CorelDraw, Search Engine Optimization, and Traffic Analysis enhances the knowledge and employment skills.

(11) For value added course - Diploma



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In Computer Application with python programming, the paper "Programming Methodologies using python" was proposed and approved by the members. The topics such as, list and dictionary, fulfil the global needs and enhances the employability skill of the students.

The proposed courses and syllabus were approved by the board.

Further there was a detailed discussion on inclusion of topics to address the cross-cultural issues, enhancing the skills and employability and also addressing the local, regional and global needs.

\* A practical exercise was identified under the practical syllabus of "React JS" and "Mockchain Technology" to address the regional and local needs. The practicals



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such as, "Create a Project on MP Tourism" and "Create a website for local shopkeepers" fulfil the regional and local needs. Additionally, the topic of "Types of Clouds: IaaS, PaaS and SaaS" was put forth by industry expert, Mr. Chandra Shekhar Shukla, Director, Resto's Infotech, explaining its significance in enhancing employability skills.

\* The following topics were identified, Ethical use of digital resources, Measures of Online Self Protection, and E-waste Management in "Foundation Course" paper from UG all streams and "Internet of Things" from BCA 4th sem class which addresses issues relevant to professional ethics.

\* The following topics were identified, Cyber Crime against women and



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Children in "foundation Course" paper from UG all streams which addresses issues relevant to gender studies.

\* The following topics were identified, Digital payments related common frauds and preventive measures, prevention from cyber fraud and cheating, Monetary Penalties, protecting personal data from cyber terrorism, phishing, identity theft in "foundation Course" and "Cyber security" subjects from UG all streams and M.Sc. 4th sem which addresses issues relevant to human values.

The examiners panel was then presented and approved by the experts. The committee further authorized the chairperson to incorporate new members in the examiners panel.

Lastly, Mr. J. Rajeshwar Rao thanked all the BOS members for their kind cooperation and the meeting ended at 3:30 pm.