GOVT. HOLKAR (MODEL AUTONOMOUS) SCIENCE COLLEGE, INDORE

(An ISO 9001:2015 & ISO 14001:2015 Certified Instituion)

SSR DOCUMENT

2017-18 TO 2021-22

CRITERION –1

Curricular Aspects

Metric No. : 1.2.1

Document Title:

Minutes of the BoS Meeting for the Academic Year 2017-2018 to 2021-2022

SURESH T SILAWAT

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तमसो मा ज्योतिर्गमय

2017-2018

Date

NOTICE

Government Holkar(Model Autonomous) Science College Indore

Department of Biochemistry

A meeting of the Board of Studies of the Department of Biochemistry will be held on 17/08/2017 at 2:15 pm in the department seminar hall.

You are requested to make it convenient to attend the same.

AGENDA FOR PROPOSED BOARD OF STUDIES

Item no.1 : To approve the minutes of the last meeting of the BoS held on 26/06/2016.

Item no 2: To consider the approval of a yearly system in place of the semester system

Item no 3 : To consider the approval of the new course in B.Sc. First year (1) Biomolecules (2) Biophysical and biochemical techniques.

Item no 4: To review and approve the curriculum and syllabus of PG programme

Item no.5 : Any other item with the permission of the Chair.

Dr. Angurbala Bafna BoS coordinator	Prof. A.R. Batham Chairman BoS

Chairperson, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Government Holkar (Model Autonomous) Science College Indore

Department of Biochemistry

Minutes of the Board of Studies meeting

The BoS meeting of the department of Biochemistry was conducted on 17/08/2017 at 2:15 pm.-the following members were present.

Sn	Name	Type
1	Dr Purnima Dey Sarkar	University Nominee
2	Prof. R. S. Gupta	Subject Expert
3	Prof. R. S. Maheshwari	Subject Expert
4	Prof. A.R. Batham	Chairman
5	Mr. Rohan Gupta	Representative from Industry
6	Dr. A. Bafna	Member
7	Mrs. Tasneem Rangwala	Member
8	Mr Deepak Choudhary	Member
9	Miss Surya Sugandhi	Member
10	Miss Pooja Gupta	Alumni

Prof. A.R. Batham - Chairman of BoS opened the meeting by welcoming and introducing the external members to the internal members. The chairman placed the following agenda for the deliberation and discussion of the members. The following are the deliberation made during the meeting (as per the item of circulated)

Item no.1: **To approve the minutes of the last meeting of the BoS held on** 26/06/2016

Prof. A.R. Batham has presented the last minutes of the meeting which was approved in the last BoS. The minutes of the last BoS meeting were approved by the BoS members.

Item no 2: **To consider the approval of a yearly system in place of the semester system.**

As per student feedback, BoS approves the yearly system in place of the semester in UG from the session 2017-18.

Item no 3: To consider the approval of the new course in B.Sc. First paper (I) Biomolecules, **Second paper (II)** Biophysical and biochemical techniques.

Board has suggested the following new courses to be introduced in the syllabus of the B.Sc. first year

1 **Name of first paper -** Biomolecules

2 **Name of second paper -** Biophysical and biochemical techniques.

The rest recommend were approved.

Item no 4: To review and approve the curriculum and syllabus of the PG program.

In the existing PG (CBCS) courses of Biochemistry

I sem – Core 1 Chemistry of Biomolecules
Core 2 Analytical Biochemistry
Core 3 Cell biology

Core 4 Biostatistics

II Sem- Core 5 Physiology
Core 6 Microbial Biochemistry
Core 7 Nutritional Biochemistry
Core 8 Genetics

III Sem- Core 9 Enzymology
Core 10 Metabolism I
Elective 1 Plant Biochemistry
Or
Environmental Toxicology
Elective 2 Biotechnology
Or
Advanced Biochemistry

IV Sem- Core 11 Molecular Biology
Core 12 Clinical Biochemistry
Elective 3 Immunology
Or
Computer Application in Biochemistry
Elective 4 Metabolism II
Or
Scientific Writing
Or
Project

New Chapter has been introduced in above courses. This modification has been done by considering the feedback from students and faculty members. To this modification, Dr R.S. Maheshwari sir has suggested keeping a documentary record to modify the existing curriculum as these documents can be asked/required by the rating agencies.

As recommended was approved.

Item no. 5: Any other item with the permission of the Chair.

The board made the following suggestions: Students should be encouraged to focus on the self-learning and problem-solving. They should be encouraged to ask questions in the class

Assignments should be designed properly so as to benefit the students. Give unsolved problems in the assignments.

As all the courses in UG and PG classes cover the required employability, entrepreneurship and skill development content. To improve the skill more weightage to be given on the practical part.

The meeting concluded at 4 pm with a vote of thanks by Dr Angurbala bafna

Dr. Angurbala Bafna BoS coordinator	Prof. A.R. Batham Chairman BoS

Chairperson, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

NOTICE

Government Holkar(Model Autonomous) Science College Indore

Department of Bioinformatics

A meeting of the Board of Studies of the Department of Bioinformatics will be held on 03/08/2017 at 11:00 AM in the department seminar hall

You are requested to make it convenient to attend the same.

AGENDA FOR PROPOSED BOARD OF STUDIES

Item no.1 : To approve the minutes of the last meeting of the BOS held on (03/08/2017)

Item no 2: To consider the approval of a yearly system in place of the semester system

Item no 3 : To consider the approval of the new course in B.Sc. First year, name of first paper (**Introduction to Bioinformatics**) name of second paper (**Concept of Bioinformatics**)

Item no.4 : Any other item with the permission of the Chair.

Prof. Aakriti Shrivastava Bos Co-ordinator	Dr. Kiran Billore Chairman BoS

Coordinator, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Chairperson, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Government Holkar (Model Autonomous) Science College Indore

Department of Bioinformatics

Minutes of the Board of Studies meeting

The BoS meeting of the department of **Bioinformatics** was conducted on 03/08/2017 at 11:00 AM.:- The following members were present.

sn	Name	Type
1	Dr. Tushar Banerjee (Assistant professor School of life sciences DAVV Indore)	**University Nominee**
2	Dr. Bhavesh Patel (VP and RPTP, Sc. College, Vallabh Vidya Nagar, Dist. Anand (Gujarat)	**Subject Expert**
3	Dr. Anand Nighojkar (Principal, M.R.S. College, Indore)	**Subject Expert**
4	Mr. Arun Dike (Biotech Input Pvt. Ltd., Rangwasa, Indore)	**Representative from Industry**
5	Dr. Rekha Sharma (Professor of Zoology Deptt. Govt. H.Sc. College, Indore)	Member
6	Prof Aakriti Shrivastava, Faculty Member Govt. HSC, Indore	Member
7	Prof Saroj Solanki, Faculty Member Govt. HSC, Indore	Member
8	Mrs Veena Badole, Alumni Govt. HSC, Indore	Member
9	Dr. Kiran Billore Head Biotechnology & Bioinformatics Govt. H.Sc. College, Indore	**Chairman**

Dr. Kiran Billore Chairman of BOS opened the meeting by welcoming and introducing the external members to the internal members. The chairman placed the following agenda for the deliberation and discussion of the members. The following are the deliberation made during the meeting (as per the item of circulated)

Item no.1 : To approve the **minutes of the last meeting of the BoS held** on 03/08/2017

Dr. Kiran Billore has presented the last minutes of the meeting which was approved in the last BOS. The minutes of the last BOS meeting were approved by the BOS members.

Item no 2: To consider **the approval of a yearly system in place of the semester system.**

As per student feedback, BOS approves the yearly system in place of the semester in UG from the session 2017-18 .

Item no 3 : To consider the approval of the **new course** in B.Sc. First paper (I) Introduction to Bioinformatics , Second paper (II) Concept of Bioinformatics)

Board has suggested the following new courses to be introduced in the syllabus of the B.Sc. first year

1 Name of first paper ---Nil

2 Name of second paper------

The rest recommend were approved.

Item no.4 : Any other item with the permission of the Chair.

The board made the following suggestions: Students should be encouraged to focus on the self-learning and problem-solving. They should be encouraged to ask questions in the class

Assignments should be designed properly so as to benefit the students. Give unsolved problems in the assignments.

As all the courses in UG classes cover the required employability, entrepreneurship and skill development content. To improve the skill more weightage to be given on the practical part.

The meeting concluded at 4 pm with a vote of thanks by : Dr. Kiran Billore

Prof. Aakriti Shrivastava BOS coordinator	Dr. Kiran Billore Chairman BOS

Coordinator, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Chairperson, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

NOTICE

Government Holkar(Model Autonomous) Science College Indore

Department of Biotechnology

A meeting of the Board of Studies of the Department of Biotechnology will be held on 03/08/2017 at 11:00 AM in the department seminar hall

You are requested to make it convenient to attend the same.

AGENDA FOR PROPOSED BOARD OF STUDIES

Item no.1 : To approve the minutes of the last meeting of the BOS held on (03/08/2017)

Item no 2: To consider the approval of a yearly system in place of the semester system

Item no 3 : To consider the approval of the new course in B.Sc. First year, name of fist paper (**Cell Structure and Biology**) name of second paper (**Microbiology**)

Item no 4: To review and approve the curriculum and syllabus of PG programme

Item no5: To approve the titles and syllabus of new Elective courses.

Item no.6 : Any other item with the permission of the Chair.

Prof. Rahis Khan Bos Co-ordinator	Dr. Kiran Billore Chairman BoS

Coordinator, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Chairperson, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Government Holkar(Model Autonomous) Science College Indore

Department of BIOTECHNOLOGY

Minutes of the Board of Studies meeting

The BoS meeting of the department of **Biotechnology**

was conducted on 03/08/2017 at 11:00 AM. :- The following members were present.

sn	Name	type
1	Dr. Tushar Banerjee (Assistant professor School of life sciences DAVV Indore)	**University Nominee**
2	Dr. Bhavesh Patel (VP and RPTP, Sc. College, Vallabh Vidya Nagar, Dist. Anand (Gujarat)	**Subject Expert**
3	Dr. Anand Nighojkar (Principal, M.R.S. College, Indore)	**Subject Expert**
4	Mr. Arun Dike (Biotech Input Pvt. Ltd., Rangwasa, Indore)	**Representative from Industry**
5	Dr. Rekha Sharma (Professor of Zoology Deptt. Govt. H.Sc. College, Indore)	Member
6	Dr. Namrata Khurana, Faculty Member Govt. HSC, Indore	Member
7	Dr. Gunjan Sharma, Faculty Member Govt. HSC, Indore	Member

8	Dr. Pratibha Yadav, Faculty Member Govt. HSC, Indore	Member
9	Prof. Sadhana Notwani, Faculty Member Govt. HSC, Indore	Member
	Prof. Rahis Khan, Faculty Member Govt. HSC, Indore	Member
10	Prof. Prashant Chourasia, Faculty Member Govt. HSC, Indore	Member
11	Prof. Akanksha Lal, Faculty Member Govt. HSC, Indore	Member
12	Prof. Arun Patel, Faculty Member Govt. HSC, Indore	Member
13	Prof. Preetika Patidar, Faculty Member Govt. HSC, Indore	Member
14	Prof. Rajesh Tokariya, Faculty Member Govt. HSC, Indore	Member
15	Mrs. Veena Badole Alumni Govt. H.Sc. College, Indore	Member
16	Dr. Kiran Billore Head Biotechnology Govt. H.Sc. College, Indore	**Chairman**

Dr. Kiran Billore Chairman of BOS opened the meeting by welcoming and introducing the external members to the internal members. The chairman placed the following agenda for the deliberation and discussion of the members. The following are the deliberation made during the meeting (as per the item of circulated)

Item no.1 : To approve **the minutes of the last meeting of the BoS held on** 03/08/2017

Dr. Kiran Billore has presented the last minutes of the meeting which was approved in the last BoS. The minutes of the last BoS meeting were approved by the BoS members.

Item no 2: To consider **the approval of a yearly system in place of the semester** system.

As per student feedback, BOS approves the yearly system in place of the semester in UG from the session 2017-18 .

Item no 3 : To consider **the approval of the new course in B.Sc. First paper** (I) (Cell Structure and Biology
, **Second paper (II)** Microbiology

Board has suggested the following new courses to be introduced in the syllabus of the B.Sc. first year

1 **Name of first paper ---**

2 **Name of second paper-------**

The rest recommend were approved.

Item no 4: To review **and approve the curriculum and syllabus of the PG** program.

In the existing PG(CBCS) courses write the name of all the papers of M.Sc class

Code	Theory/Practical
Core 1	Paper 1 (Biochemistry)
Core 2	Paper 2 (Cell and Development Biology)
Core 3	Paper 3 (Microbiology)
Core 4	Paper 4 (Biostatistics & Bioinformatics)
Practical -1	Practical based on Theory paper 1 & 2)
Practical-2	Practical based on Theory paper 3 & 4
Seminar	Seminar 1
	Seminar 2/Field trip/Ind.Visit.

M.Sc. II- SEMESTER

Code	Theory/Practical
Core 5	Paper 5 (Molecular Biology)
Core 6	Paper 6 (Bacterial Genetics and Genetic Engineering)
Core 7	Paper 7 (Immunology)
Core 8	Paper 8 (Analytical Techniques)
Practical-3	Practical based on Theory paper 5 & 6
Practical-4	Practical based on Theory paper 7 & 8
Seminar	Seminar 3
	Seminar 4/Field Trip/Ind. Visit etc

M.Sc. III - SEMESTER

Paper	Theory/Practical
Core-9	Paper - IX Enzyme Technology
Core-10	Paper- X Plant Biotechnology
Elective-1	Paper XI A) Environmental Biotechnology B) Stem Cell Biology
Elective-2	Paper XII A) Food Biotechnology B) Pharmacogenomics
Open Elective Interdi-splinary	Paper XIII Option from given list
Practical-5	Practical based on core Theory paper 9 & 10
Practical-6	Practical based on elective Theory paper 11 & 12

M.Sc. IV – SEMESTER

Code	**Theory/Practical**
Core -11	Paper XIV Bioprocess Technology
Core -12	Paper -XV Animal Biotechnology
Elective -3	Paper XVI A) Cancer Genetics B) Bionanotechnology
Elective 4	Paper XVII A) Genomics, Proteomics, IPR & Biosaftey B) Engineering Principles/Project
Internship	
Practical-7	Practical based on core Theory Paper -13 & 14
Practical-8	Practical based on elective Theory Paper 3 & 4

In exsting PG Courses new chapter have been introduced.

To this modification, Dr. Bhavesh Patel has suggested keeping a documentary record to modify the existing curriculum as these documents can be asked/required by the rating agencies.

As recommended was approved.

Item no5: To approve **the titles and syllabus of new Optional courses:** tabled the syllabus for the newly **proposed course** : " this course will be an optional paper in the M.Sc IV sem . As recommended was approved.

Item no.6 : Any other item with the permission of the Chair.

The board made the following suggestions:Students should be encouraged to focus on the self-learning and problem-solving. They should be encouraged to ask questions in the class

Assignments should be designed properly so as to benefit the students. Give unsolved problems in the assignments.

As all the courses in UG and PG classes cover the required employability, entrepreneurship and skill development content. To improve the skill more weightage to be given on the practical part.

The meeting concluded at 4 pm with a vote of thanks by : Dr. Kiran Billore

Prof. Rahis Khan BOS coordinator	Dr. Kiran Billore Chairman BOS

Coordinator, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Chairperson, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Government Holkar(Model Autonomous) Science College Indore

Department of Botany

Minutes of the Board of Studies meeting

Minutes of the Meeting of the Board of Studies in Botany

Date: 25/7/2017

Present:

Attached

Agenda:

Item no.1 : To approve the minutes of the last meeting of the BoS held on (16/7/2016)

Item no 2: To consider the approval of a yearly system in place of the semester system

Item no 3 : To consider the approval of the new course in B.Sc. First year(1) Diversity of Lower Plants (2) Diversity of Higher Plants

Item no 4: To review and approve the curriculum and syllabus of PG programme

Item no5: To approve the titles and syllabus of new Elective courses.

Item no 6: To approve the titles and syllabus of new value-added course

Item no.7 : Any other item with the permission of the Chair.

Proceeding

Approval of the minutes of the last BoS meeting held on 16/6/2016

The minutes of the last BoS meeting were read out and approved by the members present.

Consideration of the approval of a yearly system in place of the semester system

After a detailed discussion on the pros and cons of a yearly system versus a semester system, it was decided that the current semester system will be continued for the time being.

Consideration of the approval of the new course in B.Sc. First year

The proposed new course in B.Sc. First year was presented to the members. The course consists of two papers, namely (1) Diversity of Lower Plants (2) Diversity of Higher Plants

After a thorough discussion, the members approved the course.

Review and approval of the curriculum and syllabus of PG programme

The curriculum and syllabus of the PG programme were presented to the members. After a thorough review and discussion, the members approved the curriculum and syllabus with a few minor modifications.

Approval of the titles and syllabus of new Value-added courses

The titles and syllabus of the proposed new Value-added courses were presented to the members. After a detailed discussion, the members approved the titles and syllabus of the new courses.

Any other item with the permission of the Chair

There were no other items for discussion.

The meeting was adjourned by the Chair.

K Shivaw'

Coordinator, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Chairperson, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Date

NOTICE

Government Holkar(Model Autonomous) Science College Indore

Department of CHEMISTRY

A meeting of the Board of Studies of the Department of -CHEMISTRY will be held on 25/7/2017 at 1.00 in the department seminar hall

You are requested to make it convenient to attend the same.

AGENDA FOR PROPOSED BOARD OF STUDIES

Item no.1 : To approve the minutes of the last meeting of the BoS held on (date of last BoS)

Item no 2: To consider the approval of a yearly system in place of the semester system

Item no 3 : To consider the approval of the new course in B.Sc. First year(1) name of fist paper(2) name of second paper

Item no 4: To review and approve the curriculum and syllabus of PG programme

Item no5: To approve the titles and syllabus of new Value added course .

Item no.6 : Any other item with the permission of the Chair.

Dr. A.Gandhe
BoS coordinator

Coordinator, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Dr Anamika Jain
Chairman BoS

Chairperson, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Government Holkar(Model Autonomous) Science College Indore

Department of CHEMISTRY

Minutes of the Board of Studies meeting

The BoS meeting of the department of CHEMISTRY was conducted on 25/07/2017 at 1.00 PM the following members were present. List Atteached(En cl1)

Dr Anamika Jain Chairman of BoS opened the meeting by welcoming and introducing the external members to the internal members. The chairman placed the following agenda for the deliberation and discussion of the members. The following are the deliberation made during the meeting (as per the item of circulated)

Item no.1 : To approve the minutes of the last meeting of the BoS.

Dr. Vijar R Chourey has presented the minutes of last Bos meeting .The minutes of the last BoS meeting were approved by the BoS members.

Item no 2: To consider the approval of a yearly system in place of the semester system.

As per student feedback, BoS approves the yearly system in place of the semester in UG from the session 2017-18 .

Item no 3 : To consider the approval of the new course in B.Sc. First paper (I) Physical Chemistry, Second paper (II) Inorganic Chemistry Third Paper(III) Organic Chemistry

Board has suggested the following new courses to be introduced in the syllabus of the B.Sc. first year

First paper (I) Physical Chemistry,

Second paper (II) Inorganic Chemistry

Third Paper(III) Organic Chemistry

Page No.
Date :

28. Dr Navita Khosla — Nkhosla 25.09.2017
29 Preeti Burrey
30/ Chanchala Joshi



Government Holkar(Model Autonomous) Science College Indore

Department of Computer Science

Board of Studies 2017-18

Minutes of the Meeting

Date: 12/07/2017 Time: 02:00 PM

Present:

List Attached

Agenda:

Item no.1: To approve the minutes of the last meeting of the BoS held on 30/06/2016.

Item no 2: To consider the approval of a yearly system in place of the semester system.

Item no 3: To consider the approval of the new course in B.Sc. First year

(1) Fundamentals of Computers

(2) Programming in C

Item no 4: To review and approve the curriculum and syllabus of PG programme.

Item no 5: To approve the titles and syllabus of new Elective courses.

Item no 6: To approve the titles and syllabus of new value-added course:

(1) Web Development

(2) Programming & Problem Solving Through Python

Item no.7: Any other item with the permission of the Chair.

Proceeding

Approval of the minutes of the last BoS meeting held on 30/06/2016.

The minutes of the last BoS meeting were read out and approved by the members present.

- **Consideration of the approval of a yearly System in place of the semester System**

  After a detailed discussion on the pros and cons of a yearly system versus a semester system, it was decided that the current semester system will be continued for the time being. :

- **Consideration of the approval of the new course in B.Sc. I year:**

  The proposed new course in B.Sc. I year was presented to the members. The course consists of two papers, namely (1) **Fundamentals of Computers** (2) **Programming in C**. After a thorough discussion, the members approved the course.

- **Review and approval of the curriculum and syllabus of PG programme.**

  The curriculum and syllabus of the PG programme were presented to the members. After a thorough review and discussion, the members approved the curriculum and syllabus with a few minor modifications.

- **Approval of the titles and syllabus of new Value-added courses:**

  The titles and syllabus of the proposed new Value-added courses were presented to the members. After a detailed discussion, the members approved the titles and syllabus of the new courses.

- **Any other item with the permission of the Chair:**

  There were no other items for discussion.

The meeting was adjourned by the Chair.

Mr. Manish Singh

Coordinator BoS, Computer Science

Coordinator, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Dr. Pradeep Sharma

Chairman BoS, Computer Science

Chairperson, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Formation of Board of Studies of Computer Science

(As per Annexure - V of UGC Autonomy Guidelines)

For Session 2017-18 and Onwards

Attendance and Minutes

Board of studies meeting of Computer Science subject is organized in the Department of Computer Science at 15.12.2017, 02:30 PM for approving the Syllabus of B.C.A. I & II SEM (Computer Application) for the students who are taking admission in 2017-18 and onwards. Following members were present in the meeting:-

1. **Chairman Board of Studies-** Head, Department of computer Science
2. **Member-** The entire Faculty Member of Department of Computer Science
3. Two subject Experts nominated by the academic council

   (As per letter no.4091/स्था./2017 Dated 27/06/2017)

   (i) Dr. S. S. Gautam, MGCGV, Chitrakoot, Satna

   (ii) Dr. Preeti Saxena, DAVV, Indore
4. One subject Experts nominated by the Vice- Chancellor

   (As per letter no.4091/स्था./2017 Dated 27/06/2017)

   (i) Dr. K. K. Tiwari, Takshshila College , Bhopal
5. One representative from industry/allied areas-

   (As per letter no.4091/स्था./2017 Dated 27/06/2017)

   (i) Shri Amit Dhakad, Power Batteries, Indore
6. One post Graduate Computer Science Department meritorious alumnus

   (i) Sakshi Sharma

Govt. Holkar (Autonomous) Science College, Indore [M.P.]

Department of Computer Science

Unanimously following decision was taken for 2017-18

1) B.C.A.I & II SEM Computer Science syllabus will be the same as approved by the D.A.V.V. Syllabus Committee.

BOS Members (Name & Sig.)

S.No	Name of Members	Signature
1	DR. ROOPLEKHA VYAS	
2	DR. PRADEEP KUMAR SHARMA	
3	DR. S. S. GAUTAM	
4	DR. PRITI SAXENA	
5	DR. K.K.TIWARI	
6	SHRI AMIT DHAKAD	
7	DR. RAVINDRA GARG	
8	DR. R. C. DIXIT	
9	DR. KANTA MULCHANDANI	
10	DR. MANORAMA AGRAWAL	
11	PROF. MANGLA CHORAGADE	
12	DIVYA RATHORE	
13	SHIVLAL MEWADA	
14	DHEERAJ SHARMA	
15	POOJA PARMAR	
16	RAVI PATHARIA	
17	YOUGAL K SHARMA	
18	PAYAL JAIN	
19	SANJAY BHUMARKAR	
20	BHAGYASHREE PATHAK	
21	MEGHA ARYA	
22	SHUBHANGI PATIL	
23	AARTI SHRIVASTAVA	
24	SAPNA KANERIYA	
25	ANURADHA MUNDWALE	
26	BHAWNA BHADKARE	
27	JAYA VANPURE	
28	MANISH SINGH	
29	SARITA SHARMA	
30	PRIYANAKA AGIWAL	
31	MRINALINI JADHAV	
32	JAYA SHARMA	
33	VANDNA SINGH	
34	HARSH PALIWAL	
35	MANOHAR RAKSHA	
36	DIVYA TOMAR	

Govt. Holkar (Autonomous) Science College, Indore [M.P.]

Department of Computer Science

37	DIPTI DUBEY	
38	DEEPIKA MANDWARIYA	
39	GAZALA PAREEN	
40	SAKSHI SHARMA	

Head
Department of Computer Science

For kind approval of Principal Govt. Govt. Holkar Science college, Indore

Approved by Principal .....

Government Holkar (Model Autonomous) Science College, Indore

Department of Statistics & Economics.

A meeting of the Board of Studies of the Department of Statistics & Economics will be held on 10.08.2017 at 12:00 PM in the department's seminar hall.

AGENDA FOR PROPOSED BOARD OF STUDIES

Item no.1: To approve the minutes of the last meeting of the BoS held on (date of last BoS)

Item no 2: To consider the approval of a yearly system in place of the semester system

Item no 3: To consider the approval of the new course in B.Sc. First year (1) name of fist paper (2) name of second paper

Item no 4: To review and approve the curriculum and syllabus of UG programme

Item no 5: To approve the titles and syllabus of new Elective courses.

Item no.6: Any other item with the permission of the Chair.

Dr. Rekha Verma
BoS coordinator

Coordinator, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Prof. Mangla Chauragade
Chairman BoS

Chairperson, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Government Holkar (Model Autonomous) Science College Indore

Department of STATISTICS & ECONOMICS.

Minutes of the Board of Studies meeting

The BoS meeting of the Department of Statistics & Economics was conducted on 19.08.2017 at 12:00 pm.-the following members were present. **List Attached**

Prof. Mangla Chauragade Chairman of BoS opened the meeting by welcoming and introducing the external members to the internal members. The chairman placed the following agenda for the deliberation and discussion of the members. The following are the deliberation made during the meeting (as per the item of circulated)

Item no.1: To approve the minutes of the last meeting of the BoS held on 01.08.2016

Prof. Mangla Chauragade has presented the last minutes of the meeting which was approved in the last BoS. The minutes of the last BoS meeting were approved by the BoS members.

Item no 2: To consider the approval of a yearly system in place of the semester system.

As per student's feedback, BoS approves the yearly system in place of the semester in UG from the session 2017-18.

Item no 3: To consider the approval of the new course in B.Sc. First paper (I) Micro Economics, Second paper (II) Indian Economy

Board has suggested the following new courses to be introduced in the syllabus of the B.Sc. first year

1 **Name of first paper - Micro Economics**

2 **Name of second paper - Indian Economy**

The rest recommend were approved.

Item no 4: To review and approve the curriculum and syllabus of the UG program.

B.Sc. III SEM - **Macro Economics and Money and Banking**

B.Sc. IV SEM - **Public Finance and International Economics**

B.Sc. V SEM - **Development and Environment Economics**

B.Sc. VI SEM - **Quantitative Techniques**

The board made the following suggestions:

- Students should be encouraged to focus on the self-learning and problem-solving. They should be encouraged to ask questions in the class.
- Assignments should be designed properly so as to benefit the students. Give unsolved problems in the assignments.
- As all the courses in UG classes cover the required employability, entrepreneurship and skill development content. To improve the skill more weightage to be given on the practical part.

The meeting concluded at 3 pm with a vote of thanks by Dr. Rekha Verma.

Rekha

Dr. Rekha Verma
Co-ordinator, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Prof. Mangla Chauragade
Chairperson, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

सत्र 2017-2018

अर्थशास्त्र अध्ययन मंडल परिषद् की बैठक आज दिनांक 10-08-2017 को सांख्यिकी-विभाग में आयोजित की गई। बैठक में निम्न सदस्य उपस्थित हुए।

1. डा० असगा कुसुमाकर (Subject-Expert) 10.8.17
2. डा० अंजना सक्सेना (Subject-Expert) 10.8.17
3. प्रो० मंगला चौरागढ़े (Chairperson) 10.08.17
(विभागाध्यक्ष, सांख्यिकी होल्कर विज्ञान महाविद्यालय, इन्दौर)
4. डा० रेखा वर्मा (सदस्य) 10/8/17
(अतिथि विद्वान, अर्थशास्त्र, होल्कर विज्ञान महाविद्यालय, इन्दौर)
5. डा० उन्नति भायरे (सदस्य) 10.8.17
(अतिथि विद्वान, सांख्यिकी, होल्कर विज्ञान महाविद्यालय, इन्दौर)
6. डा० अर्पिता लाखेरे (सदस्य) 10.08.17
(अतिथि विद्वान, सांख्यिकी, होल्कर विज्ञान महाविद्यालय, इन्दौर)

बैठक में निर्णय निम्नानुसार लिये गये:

उच्च शिक्षा विभाग, मध्यप्रदेश सरकार की वार्षिक स्नातक पाठ्यक्रम दोहरी प्रश्न-पत्र प्रणाली के तहत केन्द्रीय अध्ययन मंडल से अनुशंसित और मध्य प्रदेश के राज्यपाल द्वारा अनुमोदित बी.ए. प्रथम वर्ष पाठ्यक्रम को बी.एससी.

प्रथम वर्ष (अर्थशास्त्र) में सत्र 2017-18 में यथावत् लागू करने की अनुशंसा की गई है।

बी.ए. तृतीय, चतुर्थ, पंचम एवम् षष्ठम सेमेस्टर तक के पाठ्यक्रम को बी.एससी. तृतीय, चतुर्थ, पंचम एवम् षष्ठम सेमेस्टर तक यथावत लागू करने की अनुशंसा की गई है। (सत्र-2017-18)

Dr. Annakumaran

A-Saxena
10.8.17

10/8/17

M Chaurasia 10.08.17
M. Chaurasia

Government Holkar (Model Autonomous) Science College Indore

Department of Electronics

Board of Studies 2017-18

Minutes of the Board of Studies meeting

Minutes of the Meeting of the Board of Studies in Electronics

Date: 4/8/2017

Present:

List Attached

Agenda:

Item No. 1: To approve the minutes of the last meeting of the BoS held on **08/09/2016.**

Item No 2: To consider the approval of a yearly system in place of the semester system

Item No 3: To consider the approval of the new course in B. Sc. First year:

- Basics of Semiconductors & Devices
- Electronics Circuit & Fundamentals of Digital Electronics
- Practical Course

Item No. 4: To consider the approval of the Semesters (III/IV/V/VI Semesters) syllabus.

Item No. 5: Any other item with the permission of the chair.

Proceeding:

Approval of the minutes of the last BoS meeting held on 08/09/2016

The minutes of the last BoS meeting were read out and approved by the members present.

Consideration of the approval of a yearly system in place of the semester system

After a detailed discussion on the pros and cons of a yearly system versus a semester system, it was decided that the current semester system will be dis continued for B Sc 1st year.

Consideration of the approval of the new course in B.Sc. First year

The proposed new course in B.Sc. First year was presented to the members. The course consists of two papers, namely (1) of Semiconductors & Devices (2) Electronics Circuit &Fundamentals of Digital Electronics. After a thorough discussion, the members approved the course.

Review and approval of the curriculum and syllabus of Semesters (III/IV/V/VI)

The curriculum and syllabus of the Semesters (III/IV/V/VI) were presented to the members. After a thorough review and discussion, the members approved the curriculum and syllabus with a few minor modifications.

Any other item with the permission of the Chair

There were no other items for discussion.

The meeting was adjourned by the Chair.

Coordinator

Coordinator, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Chairman

Chairperson, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Date

NOTICE

Government Holkar (Model, Autonomous) Science College, Indore

Department of Forensic Science

A meeting of the Board of Studies of the Department of Forensic Science will be held on 16/09/2017 at Department of Forensic Science.

You are requested to make it convenient to attend the same.

AGENDA FOR PROPOSED BOARD OF STUDIES

Item no. 1: To approve the minutes of the last meeting of the BoS held on (18/07/2016)

Item no 2: To consider the approval of a yearly system in place of the semester system.

Item no 3: To consider the approval of the new course in B.Sc. First year (1) Introduction to Forensic Science (2) Crime Investigation

Item no 4: To review and approve the curriculum and syllabus of PG Program

Item no5: To approve the titles and syllabus of new Elective courses.

Item no.6: Any other item with the permission of the Chair.

Miss. Neha Chourasiya
Co- Coordinator
Coordinator, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Dr. Vijay R. Chourey
Chairman of BoS
Chairperson, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Government Holkar (Model Autonomous) Science College Indore

Department of Forensic

Minutes of the Board of Studies meeting

The BoS meeting of the department of Forensic Science was conducted on 16/09/2017 at 12:00 pm.- the following members were present.

S.No	Name	Type
1	Dr. Rooplekha Vyas	University Nominee
2	Dr. Devashish Bose	Subject Expert
3	Dr. B.L. Mandloi	Subject Expert
4	Dr. Manish Nigam	Subject Expert
5	Shri H.S. Tuteja	Subject Expert
6	Dr. Swati Dubey Mishra	Subject Expert
7	Dr. Vijay R. Chourey	Chairman of BoS/ Head of the Department
8	Dr. M.K. Dwivedi	Subject Expert
9	Dr. Anamika Jain	Subject Expert
10	Miss. Neha Chourasiya	BOS Co- Coordinator/ Assistant Professor
11	Miss. Jyoti Turkar	Assistant Professor
12	Mr. Satish Rai	Assistant Professor
13	Mr. Ankesh Ahirwar	Assistant Professor
14	Miss. Ritu Bharti	Assistant Professor
15	Miss. Palak Saket	Ex- Student
16	Magan Bhawar	Class III
17	Sagar Narwale	Class IV

Dr. Vijay R. Chourey - Chairman of BoS opened the meeting by welcoming and introducing the external members to the internal members. The chairman placed the following agenda for the deliberation and discussion of the members. The following are the deliberation made during the meeting (as per the item of circulated)

Item no. 1: To approve the minutes of the last meeting of the BoS held on 18/07/2016.

Dr. V.R. Chourey has presented the last minutes of the meeting which was approved in the last BoS. The minutes of the last BoS meeting were approved by the BoS members.

Item no 2: To consider the approval of a yearly system in place of the semester system.

As per student feedback, BoS approves the yearly system in place of the semester in UG from the session 2017-18.

Item no 3: To consider the approval of the new course in B.Sc. First paper (I) (Introduction to Forensic Science, **Second paper (II)** Crime Investigation)

Board has suggested the following new courses to be introduced in the syllabus of the B.Sc. first year

1 **Name of first paper-** Introduction to Forensic Science

2 **Name of second paper -** Crime Investigation

The rest recommend were approved.

Item no 4: To review and approve the curriculum and syllabus of the PG program.

In the existing PG(CBCS) courses -

Class	Core	Subject Name
M.Sc. I sem	Core I	Forensic Science & Criminal Justice System
M.Sc. I sem	Core II	Forensic Medicine
M.Sc. I sem	Core III	Questioned Document, Fingerprint & Impressions
M.Sc. I sem	Core IV	Instrumental Method - Physical
M.Sc. I sem	Practical 1	Practical based on Paper 1 & 2
M.Sc. I sem	Practical 2	Practical based on Paper 3 & 4
M.Sc. II sem	Core V	Instrumental Method - Chemical
M.Sc. II sem	Core VI	Forensic Biology
M.Sc. II sem	Core VII	Forensic Chemistry & Explosives

M.Sc. II sem	Core VIII	Forensic Toxicology & Pharmacology
M.Sc. II sem	Practical 3	Practical based on Paper 5 & 6
M.Sc. II sem	Practical 4	Practical based on Paper 7 & 8
M.Sc. III sem	Core IX	Forensic Ballistics and Photography
M.Sc. III sem	Core X	Forensic Physics and Cyber Forensics
M.Sc. III sem	Elective I	DNA Profiling OR Fingerprints, Impressions and their examinations
M.Sc. III sem	Elective II	Forensic Serology OR Pharmaceutical Jurisprudence
M.Sc. III sem	Practical 5	Practical based on Paper 9 & 10
M.Sc. III sem	Practical 6	Practical based on Paper 11 & 12
M.Sc. IV sem	Core XI	Instrumental Method - Biology
M.Sc. IV sem	Core XII	Scientific Investigation of Crime
M.Sc. IV sem	Elective III	Questioned Document & Their Examination OR Forensic Psychology
M.Sc. IV sem	Elective IV	Emerging Trends in Forensic Science OR Biomteric
M.Sc. IV sem	Practical 7	Practical based on Paper 13 & 14
M.Sc. IV sem	Practical 8	Practical based on Paper 15 & 16

To this modification, Dr. V.R. Chourey sir has suggested keeping a documentary record to modify the existing curriculum as these documents can be asked/required by the rating agencies.

As recommended was approved.

Note:

1. Where Field Visit is involved, it will be in lieu of I seminar and will be given 25 marks.
2. New Chapters has been introduced in above courses. This modification has been done by considering the feedback from the students and faculty members.
3. To this modification, Dr. V.R. Chourey sir has suggested keeping a documentary record to modify the existing curriculum as these documents can be asked/ required by the rating agencies.

   As recommended was approved.

Item no 5: To approve the titles and syllabus of new Optional courses:

No optional Papers in the M.Sc. IV sem syllabus was proposed.

Item no.6: Any other item with the permission of the Chair.

The board made the following suggestions: Students should be encouraged to focus on the self-learning and problem-solving. They should be encouraged to ask questions in the class Assignments should be designed properly so as to benefit the students. Give unsolved problems in the assignments.

As all the courses in UG and PG classes cover the required employability, entrepreneurship and skill development content. To improve the skill more weightage to be given on the practical part.

The meeting concluded at 4 pm with a vote of thanks by BOS Co- Coordinator Assistant Professor Neha Chourasiya.

Miss. Neha Chourasiya
Co- Coordinator

Coordinator, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Dr. Vijay R. Chourey
Chairman of BoS

Chairperson, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Date: 12/08/2017

NOTICE

Government Holkar (Model, Autonomous) Science College Indore

Department of Geography

A meeting of the Board of Studies of the Department of Geography will be held on 26/08/2017 at 2.00 pm in the department. You are requested to make it convenient to attend the same.

AGENDA FOR PROPOSED BOARD OF STUDIES

Item no. 1: To approve the minutes of the last meeting of the BoS held on 06/08/2016.

Item no. 2: To consider the approval of a yearly system in place of the semester system.

Item no. 3: To consider the approval of the new course in B.Sc. First year

(1) Physical Geography (Lithosphere) (2) Introduction to Geography and Human Geography

Item no. 4: Any other item with the permission of the Chair.

Ansari 12/8/17

Prof. Roohi Ansari
BoS coordinator

Coordinator, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Dr. Vishnu Gadgil
Chairman BoS

Chairperson, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Government Holkar (Model, Autonomous) Science College Indore

Department of Geography

Minutes of the Board of Studies meeting

The BoS meeting of the department of Geography was conducted on 26/08/2017 at 2.00 pm. The following members were present in it:

S. No.	Name	Type
1	Dr. Venu Trivedi	Subject Expert
2	Prof. Roohi Ansari	Meeting Members
3	Dr. Narendra Joshi Sir	Meeting Members
4	Dr. Shailesh Chaure	Meeting Members
5	Dr. Poonam Bhatnagar	Meeting Members
6	Dr. Vishnu Gadgil	Chairman

Dr. Vishnu Gadgil Chairman of BoS opened the meeting by welcoming and introducing the external member to the internal members. The chairman placed the following agenda for the deliberation and discussion of the members. The following are the deliberation made during the meeting (as per the item of circulated)

Item no. 1: To approve the minutes of the last meeting of the BoS held on 06/08/2016

Prof. Roohi Ansari has presented the last minutes of the meeting which was approved in the last BoS. The minutes of the last BoS meeting were approved by the BoS members.

Item no. 2: To consider the approval of a yearly system in place of the semester system.

As per student feedback, BoS approves the yearly system in place of the semester in UG from the session 2017-18 .

Item no. 3: To consider the approval of the new course in B.Sc. First paper (I) Physical Geography (Lithosphere), Second paper (II) Introduction to Geography and Human Geography

Board has suggested the following new courses to be introduced in the syllabus of the B.Sc. first year

1. **Name of first paper- Physical Geography (Lithosphere).**
2. **Name of second paper- Introduction to Geography and Human Geography.**

The rest recommend were approved.

Item no. 6: Any other item with the permission of the Chair.

The board made the following suggestions: Students should be encouraged to focus on the self-learning and problem-solving. They should be encouraged to ask questions in the class.

Assignments should be designed properly so as to benefit the students. Give unsolved problems in the assignments.

As all the courses in UG classes cover the required employability, entrepreneurship, and skill development content. To improve the skill more weightage to be given on the practical part.

The meeting concluded at 3:30 pm with a vote of thanks by Dr. Narendra Joshi.

Ansari 12/8/17

Prof. Roohi Ansari
BoS coordinator
Coordinator, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Dr. Vishnu Gadgil
Chairman BoS
Chairperson, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Date 17/07/2017

NOTICE

Government Holkar (Model Autonomous) Science College Indore

Department of Geology

A meeting of the Board of Studies of the Department of Geology will be held on 25 /07/2017 at 1:30 pm in the department. You are requested to make it convenient to attend the same.

AGENDA FOR PROPOSED BOARD OF STUDIES

Item no.1: To approve the minutes of the last meeting of the BoS held on 08/07/2016

Item no 2: To consider the approval of a yearly system in place of the semester system

Item no 3 : To consider the approval of the new course in yearly B.Sc. First year (1) Name of First paper- **Geodynamics and geomorphology** (2) Name of Second paper – **Crystallography and Mineralogy**

Item no 4: To review and approve the curriculum and syllabus of PG programme

Item no.5 : Any other item with the permission of the Chair.

Dr.S.K.Chaure BoS coordinator	Dr. Vishnu Gadgil Chairman BoS

Coordinator, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Chairperson, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Government Holkar (Model Autonomous) Science College Indore

Department of Geology

Minutes of the Board of Studies meeting

The BoS meeting of the department of Geology was conducted on 25/07/2017 at 1:30 pm.the following members were present.

S No.	Name	type
1	Dr.P.K. Verma	University Nominee
2	Dr. V.L.Punwatkar	Subject Expert
3	Dr.V.K. Parashar	Subject Expert
4	Dr. S. K. Chaure	Member
5	Dr. Narendra Joshi	Member
6	Dr. Poonam Bhatnagar	Member
7	Dr. Parul Pandey	Member
8	Shri Rohan Borade	Member
9	Dr. Vishnu Gadgil	Chairman

Dr Vishnu Gadgil Chairman of BoS opened the meeting by welcoming and introducing the external members to the internal members. The chairman placed the following agenda for the deliberation and discussion of the members. The following are the deliberation made during the meeting (as per the item of circulated)

Item no.1 : To approve the minutes of the last meeting of the BoS held on 08/07/2016

Dr. Vishnu Gadgil has presented the last minutes of the meeting which was approved in the last BoS. The minutes of the last BoS meeting were approved by the BoS members.

Item no 2: To consider the approval of a yearly system in place of the semester system.

As per students feedback, BoS approves the yearly system in place of the semester in UG from the session 2017-18.

Item no 3 : To consider the approval of the new course in B.Sc. First year First paper (I) Geodynamics and geomorphology, Second paper (II) - Crystallography and Mineralogy

Board has suggested the following new courses to be introduced in the syllabus of the B.Sc. first year

1. **Name of first paper- Geodynamics and Geomorphology**
2. **Name of second paper - Crystallography and Mineralogy**

The rest recommend were approved.

Item no 4: To review and approve the curriculum and syllabus of the PG program.

new chapter has been added in

The following existing **PG (CBCS) courses in Geology**

M.Sc. I Semester
Paper –1 Geodynamics
Paper –2 Structural Geology
Paper –3 Indian Stratigraphy
Paper –4 Mineralogy and Geochemistry
M.Sc. II Semester
Paper –5 Geomorphology
Paper –6 Igneous and metamorphic Petrology
Paper –7 Sedimentology
Paper –8 Palaeobiology

M.Sc. III Semester
Paper - 9 Economic Geology
Paper - 10 Mineral Exploration
Paper - 11 Remote Sensing **(Elective 1)**
OR
Paper - 11 Computer Applications in Geology **(Elective 1)**
Paper - 12 Hydrogeology **(Elective 2)**
OR
Paper - 12 Engineering Geology and Geotechniques **(Elective 2)**
Paper - 13 Open Elective (**anyone from Interdisciplinary papers**)
M.Sc. IV Semester
Paper – 14 Ore Geology
Paper – 15 Applied Geology
Paper -16 Environmental Geology **(Elective-3)**
OR
Paper – 16 Mineral Processing and Technology **(Elective-3)**
Paper -17 Fuel Geology **(Elective-4)**
OR
Paper -17 Project (In House) **(Elective-4)**

To this modification, Dr. P. K. Verma has suggested keeping a documentary record to modify the existing curriculum as these documents can be asked/required by the rating agencies.

As recommended was approved.

Item no.5 : Any other item with the permission of the Chair.

The board made the following suggestions:Students should be encouraged to focus on the self-learning and problem-solving. They should be encouraged to ask questions in the class

Assignments should be designed properly so as to benefit the students. Give unsolved problems in the assignments.

As all the courses in UG and PG classes cover the required employability, entrepreneurship and skill development content. To improve the skill more weightage to be given on the practical part.

The meeting concluded at 4:15 pm with a vote of thanks by Dr. S. K. Chaure

Dr. S.K.Chaure
BoS coordinator

Coordinator, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Dr. Vishnu Gadgil
Chairman BoS

Chairperson, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

शा० होलकर (विज्ञान महाविद्यालय) इन्दौर (म.प्र.)

भाषा-विभाग

हिंदी-भाषा

अध्ययन परिषद की बैठक — 2017-18

दिनांक 29/08/17 को अपरान्ह 1:00 बजे हिंदी-विभाग की अध्ययन परिषद की बैठक सम्पन्न हुई। इसमें सर्वसम्मति से यह निर्णय लिया गया कि म.प्र. उच्च शिक्षा विभाग की केन्द्रीय अध्ययन परिषद द्वारा अनुशंसित एवं म.प्र. के महामहिम राज्यपाल द्वारा अनुमोदित बी.ए./बी.एस.सी./बी.एस.सी. गृह विज्ञान/बी.कॉम. प्रथम वर्ष (I तथा द्वितीय वर्ष [तृतीय एवं चतुर्थ सेमेस्टर] एवं तृतीय वर्ष [पंचम एवं षष्ठम सेमेस्टर] के पाठ्यक्रम को महाविद्यालयीन छात्र/छात्राओं के अध्ययन हेतु यथावत् रखा जावे। सत्र 2017-18 से द्वितीय वर्ष का पाठ्यक्रम सत्र 2018-19 से लागू किया गया है तथा तृतीय वर्ष का पाठ्यक्रम [आधारभूत पाठ्यक्रम के अंतर्गत] सत्र 2019-20 से लागू किया गया है इस पाठ्यक्रम के अंतर्गत हिंदी भाषा एवं नैतिक मूल्य के लिए [5+30=35] अंक निर्धारित है।

यह वार्षिक पाठ्यक्रम दोनों समूह [Maths + Bio] के लिए लागू होगा। तृतीय से षष्ठम सेमेस्टर के लिए CCE पूर्ववत पारम्परिक तरीके से ही लिया जायेगा।

विषय-विशेषज्ञ

बैठक में निम्नलिखित सदस्य उपस्थित रहें-

01) श्री वसुनिधि गुप्ता

02) डॉ० योगेन्द्र नाथ शुक्ल 29/08/2017

03) डॉ० सोमा चतुर्वेदी Chaturvedi 29.8.17

01) डॉ० गीता मूलचंदानी 29/8/17

02) डॉ० मनोरमा अग्रवाल 29/8/17

03) डॉ० अनुकूल लोलंकी 29/08/17

04) डॉ० पिंकी कोठारे

05) प्रो० कवीन्द्र भारद्वाज

06) प्रो० प्रगति मिमरोट Pragatim

07) डॉ० नौशीद अब्बासी Jabbar 29/8/17

08) डॉ० सोना सांकले

09) डॉ० भारती सिसोदिया Bhati

AGENDA FOR PROPOSED BOARD OF STUDIES

Item no.1: To approve the minutes of the last meeting of the BoS held on 20/07/2017

1. As per feed back from student and teacher syllabus received from central BOS Bhopal for B.Sc. Horticulture Ist year was observed and it was recommended to implement it.

2. Changes related to Horticulture subject were made in the syllabus of B.Sc. III to VI semester

3. 12 percentage changes were made in the meeting of the BOS in the said year

4. According to the syllabus of B.Sc. III to VI Semester the experiment for practical classes were listed so that the students could get proper practical knowledge.

Item no 2: To consider the approval of a yearly system in place of the semester system

In the said meeting the syllabus received from central BOS Bhopal for B.Sc. Horticulture First Year was observed and it was recommended to implement. B.Sc. III to VI Semester Horticulture syllabi were observed.

Item no 3: To consider the approval of the new course in B.Sc. First year(1) name of fist paper(2) name of second paper

Paper 1 – Basic of Horticulture

Paper 2 – Fruit and Vegetable Production

Item no.4: Any other item with the permission of the Chair.

For Practical classes experiment enlisted.

Dr. Kamla Shivani
BoS coordinator
Coordinator, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Dr Sanjeeda Iqbal
Chairman BoS
Chairperson, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Date

NOTICE

Government Holkar(Model Autonomous) Science College Indore

Department of Horticulture

A meeting of the Board of Studies of the Department of **Horticulture** will be held on **20/07/2017** at 12 Noon in the department seminar hall

You are requested to make it convenient to attend the same.

sn	Name	type
1	Dr. D.K. Mishra	Subject expert
2	Dr. Swati Barche	Subject expert
3	Prof. H.L. Khapediya	Subject expert
4	De. Sanjeeda Iqbal	HOD
5	Dr. Kishore Pawar	Member
6	Dr. Smita Dubey	Member
7	Dr. Kamla Shivani	Membe
8	Dr. Pramila Sadhav	Member
9	Prof. Praful Kacholi	Member
10	Prof. K. Sanodiya	Member
11	Prof. Dharmendra Jat	Member
12	Dr. Kislaya Pancholi	Member
13	Dr. Seemavati Sisodiya	Member
14	Dr. N.K. Jain	Member
		Chairman

Date: - 01.08.2017

NOTICE

Government Holkar(Model Autonomous) Science College Indore

Department of Mathematics

A meeting of the Board of Studies of the Department of Mathematics will be held on 03-08-2017 at 11.30 am in the department seminar hall. You are requested to make it convenient to attend the same.

AGENDA FOR PROPOSED BOARD OF STUDIES

Item no.1: To approve the minutes of the last meeting of the BoS held on 03.08.2017 of last BoS

Item no 2: To consider the approval of a yearly system in place of the semester system

Item no 3: To consider the approval of the new course in B.Sc. First year

(I) Algebra and Trigonometry

(II) Calculus and Differential Equations

(III) Vector analysis and Geometry

Item no 4: To review and approve the curriculum and syllabus of PG Programmed

Item no5: To approve the titles and syllabus of new Elective courses.

Item no.6: Any other item with the permission of the Chair.

Dr. Vivek Raich BoS coordinator	Dr. Ravindra Garg Chairman BoS
Coordinator, Board of Studies Govt. Holkar (Model Autonomous) Science College, Indore	Chairperson, Board of Studies Govt. Holkar (Model Autonomous) Science College, Indore

Government Holkar (Model Autonomous) Science College Indore

Department of Mathematics

Minutes of the Board of Studies meeting

The BoS meeting of the department of Mathematics was conducted on 03.08.2017 at 11.30 am the following members were present.

S. No.	Name	Type
1	Dr. ANUPAM JAIN	University Nominee
2	Dr. V.K. Gupta	Subject Expert
3	Dr. AbhaTanguriya	Subject Expert
4	Prof. B. Namdeo	Member
5	Prof. S.K. Sharma	Member
6	Prof. VivekRaich	Member
7	Prof. R.K. Sharma	Member
8	Prof. Rajnish Jain	Member
9	Prof.C. Randive	Member
10	Prof. M.K. Mishra	Member
11	Prof. P. Mujumdar	Member
12	Dr. Ravindra Garg	Chairman

Dr. Ravindra Garg Chairman of BoS opened the meeting by welcoming and introducing the external members to the internal members. The chairman placed the following agenda for the deliberation and discussion of the members. The following are the deliberation made during the meeting (as per the item of circulated)

Item no.1: To approve the minutes of the last meeting of the BoS held on 03-08-2017

Dr. Ravindra Garg has presented the last minutes of the meeting which was approved in the last BoS. The minutes of the last BoS meeting were approved by the BoS members.

Item no 2: To consider the approval of a yearly system in place of the semester system.

As per student feedback, BoS approves the yearly system in place of the semester in UG from the session 2017-18.

Item no 3: To consider the approval of the new course in B.Sc. First year

(I) Algebra and Trigonometry

(II) Calculus and Differential Equations

(III) Vector analysis and Geometry

Board has suggested the following new courses to be introduced in the syllabus of the B.Sc. first year

(I) Algebra and Trigonometry

(II) Calculus and Differential Equations

(III) Vector analysis and Geometry

The rest recommend were approved.

Item no 4: To review and approve the curriculum and syllabus of the PG programm.

In the existing PG(CBCS) courses the name of all the papers of M.Sc class (Isem, IISem, IIISem, IVSem), also BOS approved. one open elective paper of Mathematical Modeling (Open Elective Paper) in C.B.C.S. in M.Sc. III semester.

C.B.C.S. (Choice Based Credit System)

M. Sc. (Mathematics) SEMESTER I

Code	Theory/Practical	Teaching hours/week	Credit	Examination Scheme		
				External	Internal	Total
Core 1/Paper 1	Advanced Abstract Algebra-I	6	4	75	25	100
Core 2	Real Analysis	6	4	75	25	100
Core 3	Topology-I	6	4	75	25	100
Core 4	Complex Analysis-I	6	4	75	25	100
Core 5	Advance Discrete Mathematics-I	6	4	75	25	100
Internal-I	Comprehensive viva voce 1	3	2	50	-	50
External-I	Comprehensive viva voce 1	3	2	50	-	50
Total		36	24			600

M. Sc. (Mathematics) SEMESTER I I

Code	Theory/Practical	Teaching hours/week	Credit	Examination Scheme		
				External	Internal	Total
Core 6/Paper 6	Advanced Abstract Algebra-II	6	4	75	25	100
Core 7	Real Analysis	6	4	75	25	100
Core 8	Topology-II	6	4	75	25	100
Core 9	Complex Analysis-II	6	4	75	25	100
Core 10	Advance Discrete Mathematics-II	6	4	75	25	100
Internal-II	Comprehensive viva voce 2	3	2	50	-	50
External-II	Comprehensive viva voce 2	3	2	50	-	50
Total		36	24			600

M. Sc. (Mathematics) SEMESTER III

Code	Theory/Practical	Teaching hours/week	Examination Scheme			
			Credit	External	Internal	Total
Core 11/Paper 11	Functional Analysis-I	6	4	75	25	100
Core 12/Paper 12	Advanced Special Functions-I	6	4	75	25	100
Elective 1-Paper 13	Advanced Fuzzy Mathematics-I Advanced Graph Theory-I	6	4	75	25	100
Elective 2-Paper 14	Operation Research-I Or Theory of Linear Operators-I	6	4	75	25	100
Elective 3-Paper 15	Analytic Number Theory-I Or Integral Transform-I	6	4	75	25	100
Open Elective Paper 16	Mathematical Modeling	6	4	75	25	100
External III	Comprehensive vivo voce 3	3	2	50	-	50
Comprehensive Viva-Voce	Comprehensive vivo voce 3	3	2	50	-	50
Total		42	28			700

M. Sc. (Mathematics) SEMESTER IV

Code	Theory/Practical	Teaching hours/week	Examination Scheme			
			Credit	External	Internal	Total
Core 13/Paper 17	Functional Analysis-II	6	4	75	25	100
Core 14/Paper 18	Advanced Special Functions-II	6	4	75	25	100
Elective 4-Paper 19	Advanced Fuzzy Mathematics-II Advanced Graph Theory-II	6	4	75	25	100
Elective 5-Paper 20	Operation Research-II Or Theory of Linear Operators-II	6	4	75	25	100
Elective 6-Paper 21	Analytic Number Theory-II Or Integral Transform-II	6	4	75	25	100
Internship	Job oriented project	6	4	50	50	100
Total		36	24			600
Grand Total		208	100			2500
Minimum Passing Marks will be 35% in each theory, Practical, External, Internship, Project.						

To this modification, Dr. V.K. Gupta has suggested keeping a documentary record to modify the existing curriculum as these documents can be asked/required by the rating agencies.

As recommended was approved.

Item no5: To approve the titles and syllabus of new Optional courses:

The syllabus for the **newly proposed course**- Elective Papers

Code	Theory/Practical	Teaching hours/week	Examination Scheme			
			Credit	External	Internal	Total
Elective 5-Paper 20	Operation Research-II	6	4	75	25	100
	Or					
	Theory of Linear Operators-II					
Elective 6-Paper 21	Analytic Number Theory-II	6	4	75	25	100
	Or					
	Integral Transform-II					

this course will be an optional paper in the M.Sc IV sem .

As recommended was approved.

Item no.6 : Any other item with the permission of the Chair.

The board made the following suggestions:

Students should be encouraged to focus on the self-learning and problem-solving. They should be encouraged to ask questions in the class

Assignments should be designed properly so as to benefit the students. Give unsolved problems in the assignments.

As all the courses in UG and PG classes cover the required employability, entrepreneurship and skill development content. To improve the skill more weightage to be given on the practical part.

The meeting concluded at 4 pm with a vote of thanks by Dr. Ravindra Garg

Dr. VivekRaich
BoS coordinator
Coordinator, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Dr. Ravindra Garg
Chairman BoS
Chairperson, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Date : 17/07/2017

NOTICE

Government Holkar (Model Autonomous) Science College Indore

Department of Microbiology

A meeting of the Board of Studies of the Department of Microbiology will be held on 17/07/2017 at 02:00 pm in the department seminar hall

You are requested to make it convenient to attend the same.

AGENDA FOR PROPOSED BOARD OF STUDIES

Item no.1 : To approve the minutes of the last meeting of the BoS held on 01/07/2016.

Item no 2: To consider the approval of a yearly system in place of the semester system.

Item no 3 : To consider the approval of the new course in B.Sc. First year, Paper 1- General Microbiology and Cell Biology, Paper-2 Tools and Techniques in Microbiology.

Item no 4: To review and approve the curriculum and syllabus of PG programme

Item no5: To approve the titles and syllabus of new Elective courses.

Item no.6 : Any other item with the permission of the Chair.

Dr. Deepti Khare BoS coordinator	Dr. Sanjay Vyas Chairman BoS

Coordinator, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Chairperson, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Government Holkar(Model Autonomous) Science College Indore

Department of MICROBIOLOGY

Minutes of the Board of Studies meeting

The BoS meeting of the department of Microbiology was conducted on 17/07/2017 at 02:00 pm.-the following members were present.

sn	Name	type
1	Dr. G. P. Pandey	**University Nominee**
2	Dr. Mamta Shrivastav	**Subject Expert**
3	Dr. Sudeep Ray	**Subject Expert**
4	Mr. Vinod Gupta	**Industry Expert**
5	Dr. Deepti Khare	**Faculty**
6	Prof. Anuja Sharna	**Faculty**
7	Dr. Sanjay Vyas	**Chairman**

Dr. Sanjay Vyas, Chairman of BoS opened the meeting by welcoming and introducing the external members to the internal members. The chairman placed the following agenda for the deliberation and discussion of the members. The following are the deliberation made during the meeting (as per the item of circulated)

Item no.1 : To approve the minutes of the last meeting of the BoS held on 01/07/2016

Dr. Sanjay Vyas has presented the last minutes of the meeting which was approved in the last BoS. The minutes of the last BoS meeting were approved by the BoS members.

Item no 2: To consider the approval of a yearly system in place of the semester system.

As per student feedback, BoS approves the yearly system in place of the semester in UG from the session 2017-18 .

Item no 3 : To consider the approval of the new course in B.Sc. First paper (I) General Microbiology and Cell Biology**, Second paper (II)** Tools and Techniques in Microbiology.

Board has suggested the following new courses to be introduced in the syllabus of the B.Sc. first year

1 **Name of first paper-** General Microbiology and Cell Biology

2 **Name of second paper-** Tools and Techniques in Microbiology.

The rest recommend were approved.

Item no 4: To review and approve the curriculum and syllabus of the PG program.

In the existing PG (CBCS) courses write the name of all the papers of M.Sc. class (I sem, II Sem, III Sem, IV Sem)

[Semester One]

Code	Theory/Practical
Core 1	Paper 1 Bacteriology
Core 2	Paper 2 Virology, Mycology and Phycology
Core 3	Paper 3 Immunology
Core 4	Paper 4 Microbial Biochemistry
Practical- 1	Practical based on Theory paper 1& 2
Practical- 2	Practical based on Theory paper 3& 4
Seminar	Seminar 1
	Seminar 2 / Field/Trip/Ind. Visit etc.

[Semester Two]

Code	Theory/Practical
Core 5	Paper 5 Microbial Genetics
Core 6	Paper 6 Microbial Physiology
Core 7	Paper 7 Instrumentation
Core 8	Paper 8 Fermentation Technology
Practical- 3	Practical based on Theory paper 5& 6
Practical- 4	Practical based on Theory paper 7& 8
Seminar	Seminar 3
	Seminar 4 / Field/Trip/Ind. Visit etc.

[Semester Three]

Code	Theory/Practical
Core 9	Paper 9 Molecular Biology and Genetic Engineering
Core 10	Paper 10 Medical Microbiology
Elective 1	Paper 11 Biostatistics and Computer applications
	OR
	Paper 11 Microbial Ecology
Elective 2	Paper 12 Bioinformatics, Proteomics and Genomics
	OR
	Paper 12 Agriculture Microbiology
Open Elective 1 Interdisciplinary	Paper 13 (out of given group)
Practical- 5	Practical based on paper 9 & 10
Practical- 6	Practical based on paper 11 & 12

[Semester Four]

Code	Theory/Practical
Core 11	Paper 13 Paper Food and Dairy Microbiology
Core 12	Paper 14 Environmental Microbiology
Elective 3	Paper 15 Pharmaceutical Microbiology
	OR
	Paper 15 Biosafety and IPR Issues
Elective 4	Paper 16 Bio-Nanotechnology
	OR
	Paper 16 Cell Biology
Practical- 7	Practical based on paper 13 & 14
Practical- 8	Practical based on paper 15 & 16
Internship	

Note :-

1. Where field visit is involved, it will be in Lieu of one seminar and will be given 25 marks.

New chapters has been introduced in above courses. This modification has been done by considering the feedback from the students and faculty members.

To this modification, Dr. Mamta Shrivastava madam has suggested keeping a documentary record to modify the existing curriculum as these documents can be asked/required by the rating agencies.

As recommended was approved.

Item no5: To approve the titles and syllabus of new Optional courses:

No optional paper in the M.Sc. IV sem. syllabus was proposed.

Item no.6 : Any other item with the permission of the Chair.

The board made the following suggestions:

(1) Board of studies Dr. Vinod Gupta, informed that Israel is very advanced country in Agriculture sector. Despite water scarcity and extreme geographical area, Israel produces one part of total production along with various hybrid varieties of crops. Hence if Indian students learn techniques from Israel, they can be used to increase the productivity of Indian agriculture sector. As per the above discussion "Advanced Agriculture technologies of Israel" topic is added in B.Sc. III year in Semester VI.

(2) Dr. Vinod Gupta proposed his financial sponsorship for the facilities and students of the department interested in learning these advanced techniques by visiting Israel.

(3) Head, Dr. Sanjay Vyas mentioned that study and research related to above points will be informed to the Janbhagidari Samiti to be considered as well.

Further it was discussed that students should be encouraged to focus on the self-learning and problem-solving. They should be encouraged to ask questions in the class

Assignments should be designed properly so as to benefit the students. Give unsolved problems in the assignments.

As all the courses in UG and PG classes cover the required employability, entrepreneurship and skill development content. To improve the skill more weightage to be given on the practical part.

The meeting concluded at 4 pm with a vote of thanks by Dr. Deepti Khare.

Dr. Deepti Khare BoS coordinator	Dr. Sanjay Vyas Chairman BoS

Coordinator, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Chairperson, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Government Holkar (Model Autonomous) Science College Indore (M.P.)

Department of Pharmaceutical Chemistry

Minutes of the Board of Studies meeting

2017-18

Minutes of the Meeting of the Board of Studies in Pharmaceutical chemistry

Date: 17/8/2017

Attendees

List attached

Agenda:

Item no.1: To approve the minutes of the last meeting of the BOS held on (23/7/2016).

Item no 2: To consider the approval of a yearly system in place of the semester system .

Item no 3: To consider the approval of the new courses in B.Sc. First year

(1) Pharmaceutical organic chemistry

(2) Inorganic & Pharmaceutical analysis

Item no 4: To review and approve the curriculum and syllabus of PG program me

Item no5: To approve the titles and syllabus of new Elective courses.

Item no 6: To approve the titles and syllabus of new value-added course.

Item no.7: Any other item with the permission of the Chair.

Proceedings

Approval of the minutes of the last BOS meeting held on 23/07/2016

The minutes of the last BOS meeting were read out and approved by the members present.

Consideration of the approval of a yearly system in place of the semester system

After a detailed discussion on the pros and cons of a yearly system versus a semester system, it was decided that the yearly system will be implemented for B.Sc. I year from this session and current semester system will be continued in B.Sc. II year and B.Sc. III year for the time being.

Consideration of the approval of the new course in B.Sc. First year

The proposed new course in B.Sc. First year presented to the members were

(1) Pharmaceutical organic chemistry

(2) Inorganic & Pharmaceutical analysis.

After a thorough discussion, the members approved the courses.

Review and approval of the curriculum and syllabus of PG programme

The curriculum and syllabus of the PG programme were presented to the members. After a thorough review and discussion, the members approved the curriculum and syllabus with a few minor modifications.

Approval of the titles and syllabus of new Value-added course

The titles and syllabus of the proposed new Value-added course presented to the members. After a detailed discussion, the members approved the title and syllabus of the new course.

Any other item with the permission of the Chair

There were no other items for discussion.

The meeting was adjourned with the vote of thanks to the Chair and members.

Dr. M. K. Dwivedi

Chairperson , Board Of Studies

PROFESSOR & HEAD
Deptt. of Pharmaceutical Chemistry
Govt. Holkar Science College
INDORE (M.P.)

Date

NOTICE

Government Holkar(Model Autonomous) Science College Indore

Department of PHYSICS

A meeting of the Board of Studies of the Department of Physics will be held on 26/7/2017 at 2.00 pm in the department seminar hall

You are requested to make it convenient to attend the same.

AGENDA FOR PROPOSED BOARD OF STUDIES

Item no.1 : To approve the minutes of the last meeting of the BoS held on (date of last BoS)

Item no 2: To consider the approval of a yearly system in place of the semester system

Item no 3 : To consider the approval of the new course in B.Sc. First year(1) name of fist paper(2) name of second paper

Item no 4: To review and approve the curriculum and syllabus of PG programme

Item no5: To approve the titles and syllabus of new Elective courses.

Item no 6: To approve the titles and syllabus of new value-added course

Item no.7 : Any other item with the permission of the Chair.

Dr. -------
BoS coordinator

Coordinator, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Dr-------
Chairman BoS

Chairperson, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Government Holkar(Model Autonomous) Science College Indore

Department of PHYSICS

Minutes of the Board of Studies meeting

The BoS meeting of the department of Physics was conducted on 26/07/2017 at 2.00pm.-the following members were present.

sn	Name	type
1	Dr. S.N.Kane	University Nominee
2	Dr. R.J Chodhary	Subject Expert
3	Dr. P.K. Kekare	Subject Expert
4	Dr. Nidhi Parmar	Faculty
5	S.Soni	〃
6	S. Malviya	〃
7	Dr. Janvi Sharma	〃
8	Dr. Anuradha Gupta	〃
9	Prof Vinod Rathore	〃
10	Dr. Bhavna Chouresia	〃
11	Dr. Saligram Verma	〃
12	Dr. H.S.Dagar	〃
13	Dr. Netram KAurav	〃
14	Prof Ravi Rathore	〃
15	Dr. M.P. Sharma	〃
16	Dr R.C Dixit	Chairman

Dr R.C Dixit - Chairman of BoS opened the meeting by welcoming and introducing the external members to the internal members. The chairman placed the following agenda for the deliberation and discussion of the members. The following are the deliberation made during the meeting (as per the item of circulated)

Item no.1 : To approve the minutes of the last meeting of the BoS held on 2/7/2016

Dr. Nidhi Parmar has presented the last minutes of the meeting which was approved in the last BoS. The minutes of the last BoS meeting were approved by the BoS members.

Item no 2: To consider the approval of a yearly system in place of the semester system.

As per student feedback, BoS approves the yearly system in place of the semester in UG from the session 2017-18 .

Item no 3 : To consider the approval of the new course in B.Sc. First paper (I) (Mathematical Physics, Mechanics & Properties of matter, Second paper (II) Thermodynamics and Statistical Physics.

Board has suggested the following new courses to be introduced in the syllabus of the B.Sc. first year

1 **Mathematical Physics, Mechanics & Properties of Matter**

2 **Thermodynamics and Statistical Physics**

The rest recommend were approved.

Item no 4: To review and approve the curriculum and syllabus of the PG program.

In the existing PG(CBCS) courses Mathematical Physics, Classical Mechanics, Quantum Mechanics – I, Electronic Devices, Quantum Mechanics – II, Statistical

Mechanics, Electrodynamics and Plasma Physics, Atomic and Molecular Physics, Condensed Matter Physics – I, Nuclear & Particle Physics, Digital Electronics, Atomic & Molecular Physics, Condensed matter Physics – II, Laser Physics, Computer Programming and Informatics, Communication Electronics, and Renewable Energy Resources new chapters has been introduced. this makes at least 20% change in the existing courses. This modification has been done by considering the feedback from the students and faculty members

To this modification, Dr. Netram sir has suggested keeping a documentary record to modify the existing curriculum as these documents can be asked/required by the rating agencies.

As recommended was approved.

Item no5: To approve the titles and syllabus of new Optional courses:

Prof Vinod Rathore tabled the syllabus for the **newly proposed course "Computational method & programming** " this course will be an optional paper in the M.Sc IV sem .

As recommended was approved.

Item no 6: To approve the titles and syllabus of new value-added course

Dr. Nadhi Parmarr tabled the syllabus for the **newly proposed Value added certificate course "Under standing Physics using Computer Softwares** " this course will be conducted by the faculty of physics. Duration of this course will be more than 30 Hours to fullfiil the requirement of NAAC.

As recommended was approved.

Item no.7 : Any other item with the permission of the Chair.

The board made the following suggestions:Students should be encouraged to focus on the self-learning and problem-solving. They should be encouraged to ask questions in the class

Assignments should be designed properly so as to benefit the students. Give unsolved problems in the assignments.

As all the courses in UG and PG classes cover the required employability, entrepreneurship and skill development content. To improve the skill more weightage to be given on the practical part.

The meeting concluded at 4 pm with a vote of thanks by Dr.H.S Dagar

Dr. -------
BoS coordinator
Coordinator, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Dr-------
Chairman BoS
Chairperson, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Date

NOTICE

Government Holkar (Model Autonomous) Science College Indore

Department of Seed Technology

A meeting of the Board of Studies of the Department of Seed Technology will be held on **01/08/2017** at **Govt. Holkar Science College, Indore** in the department seminar hall.

You are requested to make it convenient to attend the same.

AGENDA FOR PROPOSED BOARD OF STUDIES

Item no.1: To approve the minutes of the last meeting of the BoS held on **01/08/2017** (date of last BoS)

Item no 2: To consider the approval of a yearly system in place of the semester system

Item no 3: To consider the approval of the new course in B.Sc. First year

(1) name of fist paper - **Principles of Seed Technology**

(2) name of second paper - **Seed production and practices**

Item no 4: To review and approve the curriculum and syllabus of PG programme

Item no5: To approve the titles and syllabus of new Elective courses.

Item no.6: Any other item with the permission of the Chair.

Dr. Kamla Shiwani
BoS coordinator
Coordinator, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Dr. Kishore Panwar
Chairman BoS
Chairperson, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Government Holkar (Model Autonomous) Science College Indore

Department of Seed Technology

Minutes of the Board of Studies meeting

The BoS meeting of the department of **Seed Technology** was conducted on **01/08/2017** at 11:00 to 04:00 pm.-the following members were present.

Sn.	Name	type
1	**Dr. J.B. Singh**	**University Nominee**
2	**Dr. S.V. Sai Prasad**	**Subject Expert**
3	**Dr. Sanjay Baroniya**	**Subject Expert**
4	**Dr. Kishore Panwar**	**Chairman**
5	**Dr. Kamla Shiwani**	**Members**
6	**Prof. Dharmendra Jat**	**Members**
7	**Prof. Indar Patidar**	**Members**
8	**Prof. Govind Jat**	**Members**

Dr. Kishore Panwar Chairman of BoS opened the meeting by welcoming and introducing the external members to the internal members. The chairman placed the following agenda for the deliberation and discussion of the members. The following are the deliberation made during the meeting (as per the item of circulated)

Item no.1: To approve the minutes of the last meeting of the BoS held on 01/08/2017

Prof. Dharmendra Jat has presented the last minutes of the meeting which was approved in the last BoS. The minutes of the last BoS meeting were approved by the BoS members.

Item no 2: To consider the approval of a yearly system in place of the semester system.

As per student feedback, BoS approves the yearly system in place of the semester in UG from the session 2017-18.

Item no 3: To consider the approval of the new course in B.Sc. First paper (I) (Principles of Seed Technology, Second paper (II) Seed production and practices)

Board has suggested the following new courses to be introduced in the syllabus of the B.Sc. first year

1. **Name of first paper - Principles of Seed Technology**
2. **Name of second paper - Seed production and practices**

The rest recommend were approved.

Dr. Kamla Shiwani
BoS coordinator
Coordinator, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Dr. Kishore Panwar
Chairman BoS
Chairperson, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Government Holkar (Model Autonomous) Science College Indore

Department of Statistics

A meeting of the Board of Studies of the Department of Statistics will be held on 19.08.2017 at 12:00 PM in the department's seminar hall

AGENDA FOR PROPOSED BOARD OF STUDIES

Item no.1: To approve the minutes of the last meeting of the BoS held on (date of last BoS)

Item no 2: To consider the approval of a yearly system in place of the semester system

Item no 3: To consider the approval of the new course in B.Sc. First year (1) name of first paper (2) name of second paper

Item no 4: To review and approve the curriculum and syllabus of PG programme

Item no5: To approve the titles and syllabus of new elective courses.

Item no.6: Any other item with the permission of the Chair.

Prof. Rashmi Awadh
BOS coordinator/Moderator

Coordinator, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Prof. Mangla Chauragade
Chairman, BoS

Chairperson, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Government Holkar (Model Autonomous) Science College Indore

Department of STATISTICS

Minutes of the Board of Studies meeting

The BoS meeting of the Department of Statistics was conducted on 19.08.2017 at 12:00 pm. The following members were present. **List Attached**

Prof. Mangla Chauragade Chairman of BoS opened the meeting by welcoming and introducing the external members to the internal members. The chairman placed the following agenda for the deliberation and discussion of the members. The following are the deliberation made during the meeting (as per the items circulated)

Item no.1: To approve the minutes of the last meeting of the BoS held on 26.07.2016

Prof. Mangla Chauragade has presented the last minutes of the meeting which was approved in the last BoS. The minutes of the last BoS meeting were approved by the BoS members.

Item no 2: To consider the approval of a yearly system in place of the semester system.

As per student's feedback, BoS approves the yearly system in place of the semester in UG from the session 2017-18.

Item no 3: To consider the approval of the new course in B.Sc. First paper (I) Statistical Methods, Second paper (II) Probability and Probability Distribution

Board has suggested the following new courses to be introduced in the syllabus of the B.Sc. first year

1. **Name of first paper - Statistical Methods**
2. **Name of second paper - Probability and Probability Distribution**

The rest recommend were approved.

Item no 4: To review and approve the curriculum and syllabus of the PG program.

M.Sc. I SEM

S. No.	Paper Name
1	Linear Algebra
2	Distribution Theory-I
3	Sampling Techniques
4	Measure Theory and Probability

M.Sc. II SEM

S. No.	Paper Name
1	Real Analysis
2	Distribution Theory-II
3	Statistical Computing
4	Statistical Inference-I

M.Sc. III SEM

S. No.	Paper Name
1	Multivariate Analysis
2	Linear Models
3	Operation Research
	Demography
4	Programming with Language 'C'
	Statistical Interference-II
5	Statistical Technique

M.Sc. IV SEM

S. No.	Paper Name
1	Design of Experiments
2	Statistical Quality Control
3	Advanced Operation Research
	Official Statistics
4	Econometrics
	Stochastic Processes

To this modification, **Dr. Shakti Banerjee** has suggested keeping a documentary record to modify the existing curriculum as these documents can be asked/required by the rating agencies.

As recommended was approved.

The board made the following suggestions:

- Students should be encouraged to focus on the self-learning and problem-solving. They should be encouraged to ask questions in the class.
- Assignments should be designed properly so as to benefit the students.
- Give unsolved problems in the assignments.
- As all the courses in UG and PG classes cover the required employability, entrepreneurship and skill development content. To improve the skill, more weightage to be given on the practical part.

The meeting concluded at 3 pm with a vote of thanks by Prof. Rashmi Awad.

Prof. Rashmi Awad
BoS Coordinator

Coordinator, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Prof. Mangla Chauragade

Chairman BoS

Chairperson, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

सत्र 2017-18

सांख्यिकी अध्ययन मंडल परिषद् की बैठक आज दिनांक 19-08-2017 को विभाग में आयोजित की गई। बैठक में निम्न सदस्य उपस्थित हुए।

1. डा० जे० आर० सिंग (Subject-Expert) Singh 19.8.17
(विभागाध्यक्ष, सांख्यिकी विक्रम वि.वि.,उज्जैन)

2. डा० शमित बेनर्जी (Subject Expert) 19.8.17
(विभागाध्यक्ष, सांख्यिकी दे.अ.वि.वि., इन्दौर)

3. प्रो० के० बी० राजोले (Subject Expert) 19.8.17
(सेवानिवृत्त विभागाध्यक्ष सांख्यिकी H.S.C. इन्दौर)

4. प्रो० श्रीमती मंगला चौरपाडे (Chairperson) 19.8.17
(विभागाध्यक्ष सांख्यिकी, होविमहावि., इन्दौर)

5. डा० उन्नति भायारे (सदस्य) 14.8.17
(अतिथि विद्वान, सांख्यिकी, होविमहावि. इन्दौर)

6. प्रो० रशिम अवाड (सदस्य) 19/8/17
(अतिथि विद्वान, सांख्यिकी, होविमहावि, इन्दौर)

7. प्रो० आंकाक्षा अग्रवाल (सदस्य) 19-8-17
(अतिथि विद्वान, सांख्यिकी, होविमहावि. इन्दौर)

8. डा० रेखा वर्मा (सदस्य) 19/8/17.
(अतिथि विद्वान, अर्थशास्त्र, होविमहावि, इन्दौर)

बैठक में निर्णय निम्नानुसार लिए गये -

1. उच्चशिक्षा विभाग मध्यप्रदेश सरकार की वार्षिक स्नातक पाठ्यक्रम क्रेडिट प्रश्नपत्र प्रणाली के तहत केन्द्रीय अध्ययन मंडल से अनुशंसित और मध्य प्रदेश के राज्यपाल द्वारा अनुमोदित बी. एस.सी. प्रथम वर्ष पाठ्यक्रम में सत्र 2017-18 में यथावत लागू करने की अनुशंसा की गई है।

2. स्नातक स्तर पर बी.एस.सी. तृतीय, चतुर्थ, पंचम एवं षष्ठम सेमेस्टर पद्धति के अन्तर्गत एकल प्रश्न-पत्र प्रणाली अनुसार पाठ्यक्रम केन्द्रीय अध्ययन मंडल द्वारा अनुशंसित तथा म० प्र० के महामहिम राज्यपाल महोदय द्वारा अनुमोदित सत्र 17-18 में सर्व पाठ्यक्रम को उचित सुधार कर विद्यार्थियों के हित में किया गया।

3. बी.एस.सी. प्रथम वर्ष में प्रथम प्रश्न पत्र Statistical methods (सांख्यिकी-विधियाँ) का सैद्धांतिक प्रश्न पत्र के अधिकतम अंक 40 व अंतिम अंक 14 व तिमाही व छःमाही परीक्षा के अंक 10 पूर्णांक होंगे। कुल अंक 50 [सैद्धांतिक + तिमाही, छःमाही] होंगे।

4. इसी प्रकार बी.एससी. प्रथम वर्ष में द्वितीय प्रश्न पत्र (Probability and Probability Distribution) प्रायिकता एवं प्रायिकता बंटन का दूसरा प्रश्न पत्र के अधिकतम अंक 40 व उत्तीर्णांक 14 तिमाही व छः माही परीक्षा के अंक 10 पूर्णांक होंगे। [कुल अंक 50 सैद्धांतिक + तिमाही, छः माही] होंगे।

5. प्रेक्टीकल (Practical) प्रायोगिक परीक्षा दोनों पेपर की एक ही होगी। कुल प्राप्त अंक 50 होगा।

6. इस प्रकार कुल प्रश्न पत्र + प्रायोगिक मिलाकर 150 अंक पूर्णांक होंगे।

7. बी.एस.सी. प्रथम एवं द्वितीय सेमेस्टर के प्रश्न ~~प्रश्न~~ पत्रों में उचित सुधार कर विद्यार्थियों के हित में किया गया।

8 स्नातकोत्तर पाठ्यक्रमों की संपूर्ण समीक्षा की गई। प्रथम, द्वितीय, तृतीय एवं चतुर्थ सेमेस्टर में CBCS पद्धति से पढ़ाया जा रहा है।

9. CBCS पद्धति में एम.एससी. तृतीय सेमेस्टर में One elective paper का पाठ्यक्रम तैयार किया एवं इसे अन्य विषयों में स्नातकोत्तर स्तर के तृतीय सेमेस्टर के विद्यार्थियों को पढ़ाया जावेगा।

10. सभी विशेषज्ञों के अभिमत से छात्रहित में पुनरीक्षित पाठ्यक्रमों को शैक्षणिक वर्ष 2017-18 के लिए पढ़ाये जाने की अनुशंसा की गई।

11. बैठक में प्रत्येक प्रश्न-पत्रों के पाठ्यक्रमों पर विस्तृत चर्चा के उपरान्त विशेषज्ञों द्वारा सुझाव एवं परिवर्तन कर पाठ्यक्रमों का अनुमोदन किया गया एवं सुधारों को सम्मीलित किया गया।

12. विभागाध्यक्ष द्वारा अध्ययन परिषद् में आमंत्रित महानुभावों को धन्यवाद देकर मीटिंग समाप्त की गई।

Singh 19.8.2017 (J. R. Singh)

19.8.17

19.8.17

Khaparde 19.8.17.

Akanksha 19.8.17

19.8.17

19/8/17

KAgrawal .8.17

Government Holkar(Model Autonomous) Science College Indore

Department of ZOOLOGY

Minutes of the Board of Studies meeting

The BoS meeting of the department of Zoology was conducted on 8/09/2017 at 2.00pm.-the following members were present.

List Attacheb

DR. M.M.P.Shrriwastava - Chairman of BoS opened the meeting by welcoming and introducing the external members to the internal members. The chairman placed the following agenda for the deliberation and discussion of the members. The following are the deliberation made during the meeting (as per the item of circulated)

Item no.1 : To approve the minutes of the last meeting of the BoS held on 2/7/2016

Dr. Renu Jain has presented the last minutes of the meeting which was approved in the last BoS. The minutes of the last BoS meeting were approved by the BoS members.

Item no 2: To consider the approval of a yearly system in place of the semester system.

As per student feedback, BoS approves the yearly system in place of the semester in UG from the session 2017-18 .

Item no 3 : To consider the approval of the new course in B.Sc. paper (1) Invertebrate Paper (2) Cell Biology and Developmental Biology

.

Board has suggested the following new courses to be introduced in the syllabus of the B.Sc. first year

(1) Invertebrate (2) Cell Biology and Developmental Biology

The rest recommend were approved.

Item no 4: To review and approve the curriculum and syllabus of the PG program.

In the existing PG(CBCS) courses new chapters has been introduced. this makes at least 20% change in the existing courses. This modification has been done by considering the feedback from the students and faculty members

To this modification, Dr. Prajapat sir has suggested keeping a documentary record to modify the existing curriculum as these documents can be asked/required by the rating agencies.

As recommended was approved.

Item no 5: To approve the titles and syllabus of new value-added course

Dr. Billore tabled the syllabus for the **newly proposed Value added certificate course "Applied Zoology for Entrepreneurs** " this course will be conducted by the faculty of Zoology. Duration of this course will be more than 30 Hours to fullfiil the requirement of NAAC.

As recommended was approved.

Item no.7: Any other item with the permission of the Chair.

The board made the following suggestions: Students should be encouraged to focus on the self-learning and problem-solving. They should be encouraged to ask questions in the class

Assignments should be designed properly so as to benefit the students. Give unsolved problems in the assignments.

As all the courses in UG and PG classes cover the required employability, entrepreneurship and skill development content. To improve the skill more weightage to be given on the practical part.

The meeting concluded at 4 pm with a vote of thanks by Dr.Rekha Sharma

Dr. ------
BoS coordinator
Coordinator, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Dr-------
Chairman BoS
Chairperson, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

2018-2019

Govt. Holkar(Model Autonomous) Science College Indore

Dept. of Biochemistry

Board of Studies 2018-19

Minutes of the Meeting

Date: **14//7/2018**

Location: Conference Hall, Department of **Biochemistry**

Attendees:

List attached

Agenda:

1. Approval of minutes from the previous meeting.
2. Report on course evaluations and feedback from students.
3. Approval of the syllabus of two newly added courses in B.Sc. II yr - I and II Paper.
4. Approval of Faculty Development Program (FDP)
5. Any other business

Proceedings:

1 Approval of minutes from the previous meeting:

The Board of Studies (BoS) meeting for the **Biochemistry** department was held on 14/7/2018 at the Conference Hall of **Biochemistry**. The meeting was chaired by Dr. Angurbala Bafna.

2 Report on course evaluations and feedback from students:

Prof. A.R. Batham presented a report on the course evaluations and feedback received from the students. Members discussed the feedback and suggested improvements in the courses.

3 Approval of the syllabus of two newly added courses in B.Sc. II yr

The syllabus of two newly added courses in B.Sc. II yr namely

Paper I **Enzymology.**

and Paper II **Intermediary metabolism.**

was presented by Mrs. Tasneem Rangwala. Members discussed the syllabus in detail and approved it.

4 Discussion and decision on new courses and course content for the next academic year:

Mrs. Tasneem Rangwala presented a proposal for new courses and course content for the next academic year. Members discussed the proposal and suggested changes. It was decided to approve the proposal with necessary modifications.

5 Any other business: While considering the student feedback, the BoS has decided that there are no proposed changes to the syllabus of MSc program for this academic year

Conclusion:

The meeting concluded with a vote of thanks to the chairperson and all the members for their valuable inputs and suggestions.

Minutes recorded by:

Mrs. Tasneem Rangwala

Coordinator, Department of **Biochemistry**

Coordinator, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Chairperson, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Govt. Holkar(Model Autonomous) Science College Indore

Department of Bio-informatics

Board of Studies 2018-19

Minutes of the Meeting

Date:**21/7/2018**

Location: Conference Hall, Department of Bio-Technology

Attendees:

List attached

Agenda:

1. Approval of minutes from the previous meeting.
2. Report on course evaluations and feedback from students.
3. Approval of the syllabus of two newly added courses in B.Sc, IIyr - Paper I and Paper II.
4. Discussion and decision on proposed changes to the curriculum for the next academic year.
5. Vote of thanks

Proceedings:

1 Approval of minutes from the previous meeting:

The Board of Studies (BoS) meeting for the Bio-informatics department was held on 14/7/2018 at the Conference Hall of Bio-informatics.

2 Report on course evaluations and feedback from students:

Dr. Rashmi presented a report on the course evaluations and feedback received from the students. Members discussed the feedback and suggested improvements in the courses.

3 Approval of the syllabus of two newly added courses in B.Sc, IIyr

The syllabus of two newly added courses in B.Sc, II ^{yr} namely

Paper I. **Introduction to Computer & Programming**

and Paper II. **Structural Bioinformatics**

was presented by Dr Sharma . Members discussed the syllabus in detail and approved it.

4 Discussion and decision on new courses and course content for the next academic year:

Dr. Jain presented a proposal for new courses and course content for the next academic year. Members discussed the proposal and suggested changes. It was decided to approve the proposal with necessary modifications.

5 Vote of thanks:

The meeting concluded with a vote of thanks to the chairperson and all the members for their valuable inputs and suggestions.

Minutes recorded by:

Coordinator,

Department of Bioinformatics

Coordinator, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Chairperson, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Govt. Holkar(Model Autonomous) Science College Indore

Dept. Of Biotechnology

Board of Studies 2018-19

Minutes of Meeting

Date: 21/07/2018

Location: Seminar Hall Department of Biotechnology

Attendees:

As per list Attached

Agenda:

1 Approval of minutes from the previous meeting.

2 Report on course evaluations and feedback from students.

3 Approval of the syllabus of two newly added courses in B.Sc. II yr - Paper I, and Paper II

4 Approval of value-added courses.

5 Approval of Faculty Development Program (FDP).

Proceedings:

Approval of minutes from the previous meeting:

The minutes of the previous meeting were presented by the Secretary and approved by the members without any objection.

Report on course evaluations and feedback from students:

The Coordinator presented the report on course evaluations and feedback received from students. Members discussed the report and suggested implementing a system to incorporate student feedback in the course delivery.

Approval of the syllabus of two newly added courses in B.Sc. II Yr.:

Paper I: **Biophysics and Biochemistry**

Paper II: **Bioinstrumentations, Biostatistics and Bioinformatics.**

The syllabus of two newly added courses in B.Sc., II yr. was presented by the faculty member. Members reviewed the syllabus and suggested minor changes, which were incorporated. The syllabus was then approved unanimously.

Approval of value-added courses:

The value-added courses **"Bioinformatics Analysis from Genomics to Proteomics"** and **"Tissue Culturing of Medical Plants and Organic Farming"** presented by Chairperson and committee reviewed the courses and suggested minor changes. The courses were then approved unanimously.

Approval of Faculty Development Program (FDP):

The Faculty Enrichment Program proposed by the Dr. Sharma was presented and discussed by the members. The program was approved with minor modifications.

Conclusion:

The meeting concluded with a vote of thanks to the Chairman and all members for their valuable inputs and suggestions.

Minutes recorded by:

Coordinator

Department of Biotechnology

Coordinator, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Chairperson, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Govt. Holkar(Model Autonomous) Science College Indore

Dept. Of Botany

Board of Studies 2018-19

Minutes of the Meeting

Date: **26/6/2018**

Location: Conference Hall, Department of Botany

Attendees:

List attached

Agenda:

1. Approval of minutes from the previous meeting.
2. Report on course evaluations and feedback from students.
3. Approval of the syllabus of two newly added courses in B.Sc. IIyr - Paper I and Paper II.
4. Discussion and decision on proposed changes to the curriculum for the next academic year.
5. Any other business

Proceedings:

1 Approval of minutes from the previous meeting:

The Board of Studies (BoS) meeting for the Botany department was held on 14/7/2018 at the Conference Hall of Botany. The meeting was chaired by Dr. Arun Kher.

2 Report on course evaluations and feedback from students:

Dr. Kishore Pawar presented a report on the course evaluations and feedback received from the students. Members discussed the feedback and suggested improvements in the courses.

3 Approval of the syllabus of two newly added courses in B.Sc, II yr

The syllabus of two newly added courses in B.Sc. II yr namely

Paper I **Structure , Development and Reproduction in Flowering Plants.**

Paper II **Plant Ecology, Biodiversity and Phytogeography.**

was presented by Dr. Kamla Shivani. Members discussed the syllabus in detail and approved it.

4 Discussion and decision on new courses and course content for the next academic year:

Dr. Preeti Chaturvedi presented a proposal for new courses and course content for the next academic year. Members discussed the proposal and suggested changes. It was decided to approve the proposal with necessary modifications.

5 Any other business: While considering the student feedback, the BoS has decided that there are no proposed changes to the syllabus of M.Sc. program for this academic year

Conclusion:

The meeting concluded with a vote of thanks to the chairperson and all the members for their valuable inputs and suggestions.

Minutes recorded by:

Dr. Kamla Shivani

Coordinator, Department of Botany

Coordinator, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Chairperson, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Govt. Holkar(Model Autonomous) Science College Indore

Department of Chemistry

Board of Studies 2018-19

Minutes of the Meeting

Date: **30//6/2018**

Location: Conference Hall, Department of Chemistry

Attendees: List attached

Agenda:

1. Approval of the minutes of the previous meeting.
2. Discussion and decision on the FTIR research project.
3. Report on the upcoming Deshpande Award .
4. Approval of the syllabus of newly introduced three papers in B.Sc. II yr
5. Approval of the syllabus of three value added course
   (i) Food Adulteration
   (ii) Soap and Detergents: Entrepreneurial context
   (iii) Cheminformatics and Biophysical Technique.
6. Any other business.

Proceedings:

The Board of Studies (BoS) meeting for the Chemistry department was held on 30/6/2018 at the Conference Hall of Chemistry. The meeting was chaired by Dr. Anamika Jain.

Approval of the minutes of the previous meeting: The minutes of the previous meeting were read, discussed, and approved by the members.

Discussion and decision on the FTIR research Work : Dr. Vijay Chourey presented a research proposal on the application of Fourier Transform Infrared Spectroscopy (FTIR) in Chemistry. After a detailed discussion, the project was approved with some modifications.

Report on the upcoming Deshpande Award: Dr. B. Rai gave a report on the upcoming Deshpande Award for Excellence in Chemical Research. The members were informed about the nomination process and the award ceremony scheduled for August.

Approval of the syllabus of newly introduced three papers in B.Sc. II yr: The syllabus of three newly introduced papers in B.Sc. II year was presented by Dr. M.K. Diwedi. After review and discussion, the syllabus was approved by the members.

Paper I Physical Chemistry

Paper II Inorganic Chemistry

Paper III Organic Chemistry

Approval of the syllabus of three value-added courses: Dr. M.K. Dwivedi presented the syllabus of three value-added courses, namely

(i) Food Adulteration

(ii) Soap and Detergents :Entrepreneurial context

(iii) Cheminformatics and Biophysical Technique

The syllabus of all three courses was reviewed, discussed, and approved by the members.

Any other business: Discussions regarding activities of Chemistry Club, Departmental Social extension activities, Seminar and Industry visits for PG students, proposed types of CCEs and other activities were discussed.

Conclusion:

The meeting concluded with a vote of thanks to the chairperson and all the members for their valuable inputs and suggestions.

Minutes recorded by:

Dr. A. Gandhe

Coordinator, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Coordinator, Department of Chemistry

Chairperson, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Govt. Holkar Model Autonomous) Science College Indore

Department Of Computer Science

Board of Studies 2018-19

Minutes of the Meeting

Date: 25/07/2018 Time 02.00 pm

Location: Seminar Hall, Department of Computer Science

Attendees:

List attached

Agenda:

1. Approval of the minutes of the previous meeting.
2. Approval of the syllabus of newly introduced three papers in B.Sc. II year
3. Review and approval of the curriculum and syllabus of PG programme
4. Approval of the syllabus of three value added course:
   (i) Web Development
   (ii) Programming & Problem Soling through Python
5. Any other item with the permission of the Chair.

Proceedings:

The Board of Studies (BOS) meeting for the Computer Science department was held on 25/6072018 at the Seminar Hall of Computer Science. The meeting was chaired by Dr. Pradeep Sharma.

Approval of the minutes of the previous meeting:

The minutes of the previous meeting were read, discussed, and approved by the members.

Approval of the syllabus of newly introduced two papers in B.Sc. II Year:

The syllabus of two newly introduced papers in B.Sc. Il year was presented by Prof. Manish Singh. After review and discussion, the syllabus was approved by the members.

Paper I: Object Oriented Programming Concept Using C++

Paper II: Data Structure

Review and approval of the curriculum and syllabus of PG programme:

The curriculum and syllabus of the PG programme were presented to the members. After a thorough review and discussion, the members approved the curriculum and syllabus with a few minor modifications.

Approval of the syllabus of three value-added courses: Prof. Pooja Rathore presented the syllabus of three value-added courses, namely

(i) Web Development

(ii) Programming & Problem Soling through Python

The syllabus of all three courses was reviewed, discussed, and approved by the members.

Any other business: No other business was brought up for discussion.

Conclusion:

The meeting concluded with a vote of thanks to the chairperson and all the members for their valuable inputs and suggestions.

Minutes recorded by: Prof. Shivlal Mewada

Mr. Manish Singh
Coordinator BoS, Computer Science

Coordinator, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Dr. Pradeep Sharma
Chairman BoS, Computer Science

Chairperson, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Formation of Board of Studies of Computer Science

(As per Annexure - V of UGC Autonomy Guidelines)

For Session 2018-19 and Onwards

Attendance and Minutes

Board of studies meeting of Computer Science subjects is organized in the Department of Computer Science at 2:00 PM for approving the Syllabus of B.C.A., B.Sc., M.Sc. (Computer Science) and Syllabus of M.Phil. Computer Science for the students who are taking admission in 2018-19 *and* onwards. Following Persons are the members of Board of studies:-

1. **Chairman Board of Studies-** Head, Department of computer Science
2. **Member-** The entire Faculty Member of Department of Computer Science
3. Two subject Experts nominated by the academic council

   (As per letter no.558/स्था./2012 Dated 12/06/2012)

   (i) Dr. S. S. Gautam, MGCGV, Chitrakoot, Satna

   (ii) Dr. Preeti Saxena, DAVV, Indore
4. One subject Experts nominated by the Vice- Chancellor

   (As per letter no.558/स्था./2012 Dated 12/06/2012)

   (i) Dr. K.K. Tiwari, Principal, Takshshila College Bhopal
5. One representative from industry/allied areas-

   (As per letter no.558/स्था./2012 Dated 12/06/2012)

   (i) Shri Amit Dhakad, Power Battery, Indore
6. One post Graduate Computer Science Department meritorious alumnus

   (i) Diksha Verma

Govt. Holkar (Autonomous) Science College, Indore (M.P.)

Department of Computer Science

Unanimously following decision was taken for 2018-19

1) B.Sc. Computer Science syllabus of Computer Science is approved.

2) B.C.A. Computer Science syllabus approved

3) M.Sc. Computer Science syllabus will be the same as approved by the D.A.V.V. Syllabus Committee

Experts Members (Name & Sig.)

S.No.	Name of Members	Signature
1	DR. RUPLEKHA VYAS	
2	DR. PRADEEP KUMAR SHARMA	
3	DR. R.GARG	
4	DR. R.C. DIXIT	
5	Prof. M. CHAURAGADE	25-7-18
6	DR. INDU TIWARI	
7	DR. MANORAMA AGRAWAL	
8	DR. K.K. TIWARI	
9	DR. PREETI SAXENA	
10	DR. S. S. GAUTAM	
11	SHRI AMIT DHAKAD	
12	SHIVLAL MEWADA	
13	YOUGAL K SHARMA	
14	MANOHAR RAKSHA	
15	JAYA SHARMA	
16	DHEERAJ SHARMA	
17	RAVI PATHARIYA	
18	MANISH SINGH	
19	PRIYANKA AGRWAL	
20	SANJAY BHUMARKAR	
21	PAYAL JAIN	
22	POOJA PARMAR	
23	AARTI SHRIVASTAVA	
24	ANURADHA MANDWALE	
25	JAYA VANPURE	
26	HARSH PALIWAL	
27	DIPTI DUBEY	
28	DIVYA RATHOD	
29	DIVYA TOMAR	
30	BHAWANA BHADKARE	
31	SAPANA KANERIA	
32	MRINALINI JADHAV	
33	SARITA SHARMA	
34	GAZALA PARVEEN	
35	DIPIKA MANDWARIYA	
36	B. PATHAK Bhagyashree Pathak	
37	MEGHA ARYA	
38	DIKSHA VERMA	

For kind approval of Principal Govt. Holkar science college, Indore

Approved by Principal

HEAD
Department of Computer Science
Govt. Holkar Science College,
INDORE (M.P.)

Govt. Holkar (Model Autonomous) Science College Indore

Department of Economics

Board of Studies 2018-19

Minutes of the Meeting

Date:**18/9/2018**

Location: Conference Hall, Department of Economics

Attendees:

List attached

Agenda:

1. Approval of minutes from the previous meeting.
2. Report on course evaluations and feedback from students.
3. Approval of the syllabus of two newly added courses in B.Sc., II Yr. - Paper I and Paper II.
4. Discussion and decision on proposed changes to the curriculum for the next academic year.
5. Vote of thanks

Proceedings:

1 Approval of minutes from the previous meeting:

The Board of Studies (BoS) meeting for the Economics department was held on 18/9/2018 at the Conference Hall of Economics.

2 Report on course evaluations and feedback from students:

Dr. Rekha Verma presented a report on the course evaluations and feedback received from the students. Members discussed the feedback and suggested improvements in the courses.

3 Approval of the syllabus of two newly added courses in B.Sc, IIyr

The syllabus of two newly added courses in B.Sc, II yr namely

Paper I. **Macro Economics**

Paper II. **Public Finance & International Economics**

was presented by Prof. Mangla Chauragade. Members discussed the syllabus in detail and approved it.

4 <u>Discussion and decision on new courses and course content for the next academic year</u>:

Dr. Rekha Verma presented a proposal for new courses and course content for the next academic year. Members discussed the proposal and suggested changes. It was decided to approve the proposal with necessary modifications.

5 Vote of thanks:

The meeting concluded with a vote of thanks to the chairperson and all the members for their valuable inputs and suggestions.

Minutes recorded by:

Rekha

BoS coordinator

Coordinator, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Chairman BoS

Chairperson, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

सत्र 2018-2019

अर्थशास्त्र अध्ययन मंडल परिषद् की बैठक आज दिनांक 18-09-2018 को सांख्यिकी-विभाग में आयोजित की गई। बैठक में निम्न सदस्य उपस्थित हुए।

1. डा० अरुणा कुसुमाकर (Subject Expert) 18.9.18
2. डा० संध्या कोचलेकर (Subject Expert) 18/9/2018
3. डा० अंजना सक्सेना (Subject Expert) A-Saxena 18.9.18
4. प्रो० मंगला चौरागढ़े (Chairperson) Mhande 18.9.18
5. डा० रेखा वर्मा (सदस्य) 18.9.18
(अतिथि विद्वान, अर्थशास्त्र, हो०वि०मह्वि०, इन्दौर)
6. डा० रश्मि अवाड (सदस्य) 18/9/18
(अतिथि विद्वान, सांख्यिकी, हो०वि०मह्वि०, इन्दौर)
7. प्रो० अश्विनी व्यास (सदस्य) 18/9/18
(अतिथि विद्वान, सांख्यिकी, हो०वि०मह्वि०, इन्दौर)
8. प्रो० स्वाती मिश्रा (सदस्य) 18-9-18
(अतिथि विद्वान, सांख्यिकी, हो०वि०मह्वि०, इन्दौर)

बैठक में निर्णय निम्नानुसार लिये गये:

उच्च शिक्षा विभाग, मध्यप्रदेश सरकार की वार्षिक स्नातक पाठ्यक्रम दोहरी प्रश्न-पत्र प्रणाली

के तहत केन्द्रीय अध्ययन मंडल से अनुशंसित और मध्यप्रदेश के राज्यपाल द्वारा अनुमोदित बी० ए० प्रथम वर्ष एवम् बी० ए० द्वितीय वर्ष के पाठ्यक्रम को बी०एस०सी० प्रथम वर्ष एवम् द्वितीय वर्ष (अर्थशास्त्र) में सत्र २०१८-१९ में यथावत् लागू करने की अनुशंसा की गई है।

बी० ए० पंचम एवम् षष्ठम सेमेस्टर तक के पाठ्यक्रम को बी०एस०सी० पंचम एवम् षष्ठम सेमेस्टर तक यथावत लागू करने की अनुशंसा की गई है। (सत्र २०१८-१९)

सभी विशेषज्ञों के अभिमत से प्रस्तावित में पुनरीक्षित पाठ्यक्रमों को शैक्षणिक वर्ष २०१८-१९ के लिए पढ़ाये जाने की अनुशंसा की गई।

विभागाध्यक्ष द्वारा अध्ययन परिषद में आमंत्रित महानुभावों को धन्यवाद देकर मीटिंग समाप्त की गई।

डॉ. अरुणा कुलश्रेष्ठ — 18.9.18

(संध्या कोथलीकर) — 18.9.18 (M.C.)

A. Saxena
श्री अंजना सक्सेना — 18/9/18

18-9-18 — 18/9/18

Govt. Holkar(Model Autonomous) Science College Indore

Department of Electronics

Board of Studies 2018-19

Minutes of the Meeting

Date:**02/7/2018**

Location: Department of Electronics

Attendees:

List attached

Agenda:

1. Approval of minutes from the previous meeting.
2. Report on course evaluations and feedback from students.
3. Approval of the syllabus of newly added courses in B.Sc. II Year - I and II Paper.
4. Discussion and decision on proposed changes to the curriculum for the next academic year.
5. Vote of thanks

Meeting:

The Board of Studies (BoS) meeting for the Electronics department was held on the 02 of July, 2018 at the Conference Hall of Electronics. The meeting was chaired by the designated individual.

- **Item 1 - Approval of minutes from the previous meeting:**

The attendees reviewed the minutes of the previous meeting and approved them without any objections.

Action taken: The attendees approved the minutes of the previous meeting.

- **Item 2 - Report on course evaluations and feedback from students**:

A report on the course evaluations and feedback received from the students was presented. Members discussed the feedback and suggested improvements in the courses.

Action taken: The attendees discussed the feedback and suggestions for course improvements.

- **Item 3 - Approval of the syllabus of newly added courses in B.Sc. II Yr.**

The syllabus of newly added courses in B.Sc., II yr. namely Paper I and Paper II was presented.The details are as follow

Paper I: Digital Electronics and Microprocessor

Paper II: Operational Amplifier and Instrumentation

Practical Course

Members discussed the syllabus in detail and approved it.

- **Item 4 - Approval of the syllabus of value-added course**

Mobile Repairing and DTH Installation & TV Repairing

- **Item 5 – Review of B.Sc. I year Syllabus. It has been decided to continue with as it is.**
- **Item 6 – Discussion and approval of B.Sc. V and VI Sem Syllabus**

Action taken: The attendees reviewed the syllabus and approved it

- **Item 7 - Discussion and decision on proposed changes to the curriculum for the next academic year:**

A proposal for changes to the curriculum for the next academic year was presented. Members discussed the proposal and suggested changes. It was decided to approve the proposal with necessary modifications.

Action taken: The attendees discussed the proposal and approved it with necessary modifications.

- **Item 8 - Vote of thanks:**

The meeting concluded with a vote of thanks to the chairperson and all the members for their valuable inputs and suggestions.

Action taken: The meeting concluded with a vote of thanks to the chairperson and all the members.

Minutes recorded by:

Coordinator

Coordinator, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Chairman

Chairperson, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Govt. Holkar(Model Autonomous) Science College Indore

Dept. Of Forensic Science

Board of Studies 2018-19

Minutes of the Meeting

Date: **30/08/2018**

Location: Conference Hall, Department of Forensic Science

Attendees:

List attached

Agenda:

1. Approval of minutes from the previous meeting.
2. Report on course evaluations and feedback from students.
3. Approval of the syllabus of two newly added courses in B. Sc. II yr. - Paper I and Paper II.
4. Discussion and decision on proposed changes to the curriculum for the next academic year.
5. Any other business

Proceedings:

1 Approval of minutes from the previous meeting:

The Board of Studies (BoS) meeting for the Forensic Science department was held on 30/08/2018 at the Conference Hall of Forensic Science Department. The meeting was chaired by Dr. V.R. Chourey.

2 Report on course evaluations and feedback from students:

Prof. Neha Chourasia presented a report on the course evaluations and feedback received from the students. Members discussed the feedback and suggested improvements in the courses.

3 Approval of the syllabus of two newly added courses in B. Sc. II yr.

The syllabus of two newly added courses in B. Sc. II yr. namely

Paper I "Indian Penal Code, Criminal Procedure Code, Indian Evidence and Judicial System".

Paper II **"Examination of Physical Evidences & Forensic Ballistics".**

was presented by Prof. Neha Chourasia. Members discussed the syllabus in detail and approved it.

4 Discussion and decision on new courses and course content for the next academic year:

Prof. Ankesh Ahirwar presented a proposal for new courses and course content for the next academic year. Members discussed the proposal and suggested changes. It was decided to approve the proposal with necessary modifications.

5 Any other business:

.Conclusion:

The meeting concluded with a vote of thanks to the chairperson and all the members for their valuable inputs and suggestions.

Coordinator
Department of Forensic Science

Coordinator, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Chairperson
Department of Forensic Science

Chairperson, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Govt. Holkar (Model Autonomous) Science College Indore

Department of Geography

Board of Studies 2018-19

Minutes of the Meeting

Date: 06/ 08/ 2018

Time: 12.00 P.M.

Location: Conference Hall, Department of Geology

Attendees: List attached

Agenda:

1. Approval of minutes from the previous meeting.
2. Report on course evaluations and feedback from students.
3. Approval of the syllabus of two newly added courses in B. Sc. II year - I and II Paper.
4. Discussion and decision on proposed changes to the curriculum for the next academic year.
5. Vote of thanks

Meeting:

The Board of Studies (BoS) meeting for the Geography department was held on the 6th of August, 2018 at the Conference Hall of Geology. The meeting was chaired by Dr. Vishnu Gadgil.

Item 1 - Approval of minutes from the previous meeting:

The members including subject expert Dr. Sanjay Sohani reviewed the minutes of the previous meeting and approved them without any objections.

Action taken: The attendees approved the minutes of the previous meeting.

Item 2 - Report on course evaluations and feedback from students:

A report on the course evaluations and feedback received from the students was presented by Dr. Roohi Ansari. Members discussed the feedback and suggested improvements in the courses.

Action taken: The attendees discussed the feedback and suggestions for course improvements.

Item 3 - Approval of the syllabus of two newly added courses in B. Sc. II year.

The syllabus of two newly added courses in B.Sc. II year namely, Paper I and Paper II was presented by Dr. Shailesh Chaure.

Paper I: Physical Geography (Atmosphere and Hydrosphere)

Paper II: Economic Geography

Members discussed the syllabus in detail and approved it.

Action taken: The attendees reviewed the syllabus and approved it.

Item 4 - Discussion and decision on proposed changes to the curriculum for the next academic year:

A proposal for changes to the curriculum for the next academic year was presented by Dr. Roohi Ansari. Members discussed the proposal and suggested changes. It was decided to approve the proposal with necessary modifications.

Action taken: The attendees including subject expert discussed the proposal and approved it with necessary modifications.

Item 5 - Vote of thanks:

The meeting concluded by Dr. Narendra Joshi with a vote of thanks to the chairperson, subject expert and all the members for their valuable inputs and suggestions.

Action taken: The meeting concluded with a vote of thanks to the chairperson and all the members.

Minutes recorded by: Dr. Roohi Ansari.

Ansari 06/08/18

Dr. Roohi Ansari
Coordinator, BoS Geography

Coordinator, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Dr. Vishnu Gadgil
Chairperson, BoS Geography

Chairperson, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Govt. Holkar(Model Autonomous) Science College Indore

Department Of Geology

Board of Studies 2018-19

Minutes of the Meeting

Date:**01/8/2018**

Time: 2:30 PM

Location: Conference Hall, Department of Geology

Attendees:

List attached.

Agenda:

1. Approval of minutes from the previous meeting.
2. Report on course evaluations and feedback from students.
3. Approval of the syllabus of two newly added courses in B.Sc.IIyr - Paper I and Paper II.
4. Discussion and decision on proposed changes to the curriculum for the next academic year.
5. Vote of thanks

Proceedings:

1 Approval of minutes from the previous meeting:

The Board of Studies (BoS) meeting for the Geology department was held on 25/7/2017 at the Conference Hall of Geology. The meeting was chaired by Dr. Vishnu Gadgil

2 Report on course evaluations and feedback from students:

Dr Narendra Joshi presented a report on the course evaluations and feedback received from the students. Members discussed the feedback and suggested improvements in the courses. Geological field work, industry visit and internships with concerned geoscientific organizations are essential parts of the curriculum subject experts and other members agreed for continuing this good practice.

2018-19

3 Approval of the syllabus of two newly added courses in B.Sc. II yr.

The syllabus of two newly added courses in B.Sc. II yr. namely
Paper I **Petrology.**
and Paper II **Structural Geology.**
was presented by Mr. Poonam Bhatnagar. Subject expert Prof. P.K. Verma and all other members discussed the syllabus in detail and approved it.

4. Discussion and decision on new courses and course content for the next academic year:

Dr. Shailesh Chaure presented a proposal for new courses and course content for the next academic year. Subject expert Prof. P.K. Verma has and members discussed the proposal and suggested changes. It was decided to approve the proposal with necessary modifications.

5. Vote of thanks:

The meeting concluded with a vote of thanks to the chairperson and all the members for their valuable inputs and suggestions.

Minutes recorded by: Dr. Sailesh Chaure,
Coordinator, Department of Geology

Coordinator BoS

Coordinator, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Chairperson BoS

Chairperson, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

शा० बेलिक विज्ञान सत्र 2018-19

महाविद्यालय इन्दौर भाषा विभाग

(म०प्र०) हिन्दी-भाषा

PAGE No. Standard

DATE 14 08 2018

अध्ययन परिषद की बैठक - 2018-19

दिनांक 14.8.18 को अपराह्न 1.00 बजे हिन्दी विभाग की अध्ययन परिषद् की बैठक संपन्न हुई। इसमें सर्वसम्मति से यह निर्णय लिया गया कि म.प्र. उच्च शिक्षा विभाग की केन्द्रीय अध्ययन परिषद द्वारा अनुशंसित एवं म.प्र. के महामहिम राज्यपाल द्वारा अनुमोदित बी.एस.सी. प्रथम वर्ष / बी एस सी द्वितीय वर्ष / बी.एस.सी V एवं VI सेम एवं बी.सी.ए II सेम या बी.सी.ए प्रथम वर्ष के पाठ्यक्रम को महाविद्यालयीन छात्र/छात्राओं के अध्ययन हेतु यथावत रखा जावे।

बी.एस.सी. प्रथम वर्ष एवं द्वितीय वर्ष के हिन्दी प्रश्न-पत्र हिन्दी भाषा एवं नैतिक मूल्य के लिए 40+10 CCE (5+5) अंक निर्धारित है। बी.एस.सी V एवं VI सेम के लिए 50+10 CCE अंक निर्धारित है। बी.सी.ए द्वितीय सेम या प्रथम वर्ष के लिए 40+10 CCE अंक निर्धारित है।

यह पाठ्यक्रम दोनो समूह (Maths + Bio) के लिए लागू होगा।

बैठक में निम्न सदस्य उपस्थित रहें।

(1) डॉ. मनोरमा अग्रवाल (विभागाध्यक्ष) – 14/8/18
(2) श्री स्मनिधि गुप्ता (उद्योग प्रतिनिधि) – 14-8-2018
(3) डॉ. योगेन्द्र नाथ शुक्ल (विषय विशेषज्ञ) – 14/08/18
(4) डॉ. शोभा चतुर्वेदी (विषय विशेषज्ञ) – Chaturvedi 14.08.2018
(5) डॉ. सुषमा श्रीवास्तव (विषय विशेषज्ञ) – Pragatim 14.8.18
(6) प्रो. प्रगति मिमरोट
(7) डॉ. इन्दु तिवारी (विभागाध्यक्ष-भाषा)
(8) प्रो. कवीन्द्र भारद्वाज
(09) डॉ. अनुश्री सोलंकी
(10) डॉ. आराधना कोरखे
(11) डॉ. भारती सिसोदिया
(12) डॉ. सोना खांडे

Bharti

Sona

Govt. Holkar(Model Autonomous) Science College Indore

Dept. Of Horticulture

Board of Studies 2018-19

Minutes of the Meeting

Date:**20/7/2018**

Location: Conference Hall, Department of Horticulture

Attendees:

List attached

Agenda:

1. Approval of minutes from the previous meeting.
2. Report on course evaluations and feedback from students.
3. Approval of the syllabus of two newly added courses in B.Sc, IIyr - I and II Paper.
4. Discussion and decision on proposed changes to the curriculum for the next academic year.
5. Vote of thanks

Meeting:

The Board of Studies (BoS) meeting for the Horticulture department was held on the 20th of March, 2023 at the Conference Hall of Horticulture. The meeting was chaired by the designated individual.

Item 1 - Approval of minutes from the previous meeting:

The attendees reviewed the minutes of the previous meeting and approved them without any objections.

Action taken: The attendees approved the minutes of the previous meeting.

Item 2 - Report on course evaluations and feedback from students:

A report on the course evaluations and feedback received from the students was presented. Members discussed the feedback and suggested improvements in the courses.

Action taken: The attendees discussed the feedback and suggestions for course improvements.

Item 3 - Approval of the syllabus of two newly added courses in B.Sc., II yr:

The syllabus of two newly added courses in B.Sc., II yr namely Paper I and Paper II was presented.

Paper I: **Establishment & management of orchard and nursery.**

Paper II **Farming, System in Horticulture**

Members discussed the syllabus in detail and approved it.

Action taken: The attendees reviewed the syllabus and approved it.

Item 4 - Discussion and decision on proposed changes to the curriculum for the next academic year:

A proposal for changes to the curriculum for the next academic year was presented. Members discussed the proposal and suggested changes. It was decided to approve the proposal with necessary modifications.

Action taken: The attendees discussed the proposal and approved it with necessary modifications.

Item 5 - Vote of thanks:

The meeting concluded with a vote of thanks to the chairperson and all the members for their valuable inputs and suggestions.

Action taken: The meeting concluded with a vote of thanks to the chairperson and all the members.

Minutes recorded by:

Coordinator, Department of Horticulture.

Coordinator, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Chairperson, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Regenerate response

Govt. Holkar(Model Autonomous) Science College Indore

Dept. Of Mathematics

Board of Studies 2018-19

Minutes of the Meeting

Date: **19/7/2018**

Location: Conference Hall, Department of Mathematics

Attendees:

List attached

Agenda:

Agenda:

1. Approval of minutes from the previous meeting.
2. Report on course evaluations and feedback from students.
3. Approval of the syllabus of two newly added courses in B.ScII yr - Paper I, Paper II and Paper III.
4. Discussion and decision on proposed changes to the curriculum for the next academic year.
5. Vote of thanks.
6.

Meeting:

The Board of Studies (BoS) meeting for the Mathematics department was held on the 20th of March, 2023 at the Conference Hall of Mathematics. The meeting was chaired by the designated individual.

Item 1 - Approval of minutes from the previous meeting: The attendees reviewed the minutes of the previous meeting and approved them without any objections.

Action taken: The attendees approved the minutes of the previous meeting.

Item 2 - Report on course evaluations and feedback from students: A report on the course evaluations and feedback received from the students was presented. Members discussed the feedback and suggested improvements in the courses.

Action taken: The attendees discussed the feedback and suggestions for course improvements.

Item 3 - Approval of the syllabus of three newly added courses in B.Sc. II yr: The syllabus of three newly added courses in B.Sc. II yr namely

Paper I: **Abstract Algebra.**

Paper II: **Advanced calculus.**

Paper III: **Differential Equation.**

was presented. Members discussed the syllabus in detail and approved it.

Action taken: The attendees reviewed the syllabus and approved it.

Item 4 - Discussion and decision on proposed changes to the curriculum for the next academic year: A proposal for changes to the curriculum for the next academic year was presented. Members discussed the proposal and suggested changes. It was decided to approve the proposal with necessary modifications.

Action taken: The attendees discussed the proposal and approved it with necessary modifications.

Item 5 - Vote of thanks: The meeting concluded with a vote of thanks to the chairperson and all the members for their valuable inputs and suggestions.
Action taken: The meeting concluded with a vote of thanks to the chairperson and all the members.

Minutes recorded by: Coordinator, Department of Mathematics.

Coordinator, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Chairperson, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Govt. Holkar(Model Autonomous) Science College Indore

Dept. Of Microbiology

Board of Studies 2018-19

Minutes of the Meeting

Date: 14//7/2018

Location: Conference Hall, Department of Microbiology

Attendees:

List attached

Agenda:

1. Approval of minutes from the previous meeting.
2. Report on course evaluations and feedback from students.
3. Approval of the syllabus of two newly added courses in B.Sc, Hyr - Paper I and Paper II.
4. Discussion and decision on proposed changes to the curriculum for the next academic year.
5. Any other business

Proceedings:

1 Approval of minutes from the previous meeting:

The Board of Studies (BoS) meeting for the Microbiology department was held on 14/7/2018 at the Conference Hall of Microbiology . The meeting was chaired by Dr. Sanjay Vyas .

2 Report on course evaluations and feedback from students:

Dr. Deepti Khare presented a report on the course evaluations and feedback received from the students. Members discussed the feedback and suggested improvements in the courses.

3 Approval of the syllabus of two newly added courses in B.Sc, Hyr

The syllabus of two newly added courses in B.Sc, II yr namely

Paper I **Biochemistry and Microbial Physiology.**

and Paper II **Microbial Genetics and Molecular Biology.**

was presented by Dr. Anita Mukati . Members discussed the syllabus in detail and approved it.

4 Discussion and decision on new courses and course content for the next academic year:

Dr. Anita Mukati presented a proposal for new courses and course content for the next academic year. Members discussed the proposal and suggested changes. It was decided to approve the proposal with necessary modifications.

5 Any other business

During a meeting, Dr. Vinod Gupta suggested that students should be given basic knowledge of biotechnology. Dr. Sudeep Ray suggested that Algae cultivation should be added as a topic of study in the MSC program

Conclusion:

The meeting concluded with a vote of thanks to the chairperson and all the members for their valuable inputs and suggestions.

Minutes recorded by:

Dr. Deepti Khare

Coordinator, Department of Micro Biology

Coordinator, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Dr. Sanjay Vyas

Chairman, BOS

Chairperson, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Govt. Holkar (Autonomous) Science College, Indore [M.P]

Department of Microbiology

Date: 14/07/2018

Attendees:

Dr. Sanjay Vyas, Chairperson

Dr. Mamta Shrivastav, Member

Dr. Sudeep Ray, Member

Mr. Vinod Gupta, Member

Dr. Shweta Hardia, Member

Dr. Anita Mukati, Member

Prof. Anuja Sharma, Member

Dr. Deepti Khare, Coordinator

Dr. Sanjay Vyas

Chairman, BoS
Department of Microbiology

Chairperson, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Govt. Holkar(Model Autonomous) Science College Indore

Dept. Of Pharmaceutical Chemistry

Board of Studies 2018-19

Minutes of Meeting

Date- 30/07/2018

Attendees-

List attached

Agenda-

- To approve minutes of last meeting of BOS.
- To approve syllabus of new courses in B.Sc. II year .
- To approve Internship in UG and PG programme.
- To approve modifications and additions in UG and PG programme in **CBCS** system.

Proceedings-

- Meeting of Board of Studies is conducted in Pharmaceutical Chemistry Department on 30/07/18. In the meeting decisions were taken regarding syllabus modifications and additions in UG & PG **(CBCS)** Classes.
- Syllabus of two new courses were approved in B.Sc. II year with the titles-
  1) Medicinal Chemistry
  2) Chemistry of natural Products
- In B.Sc. Final Year- Internship/Project of 100 Marks. Is approved.
- Syllabus of B.Sc. is designed as per the guidelines of M.P. Higher Education Department and some topics are added accordingly.

  In B.Sc. I year – Pharmaceutical preparations are added :- Chrome Alum , Mouthwashes , Lotions, Solutions , Glycerites , Gargles , Emulsions, Suspensions , Infusions ,Mucilages, Jellies, Decoctions.

  In B.Sc. II year – Compound Synthesis are added - Acetanilide, 1 Phenyl azo B Nepthol. Isolations – Starch from potatoes, Lycopene from Tomato.Identification of drugs- Aspirin , Paracetamol, Ibuprofen, Anaigin, Chloroquine , Metronidazole , Ascorbic acid.

Paper II - **Instrumental Analysis.**

was presented and reviewed. After incorporating the suggestions, the final syllabus was approved by the attendees.

Discussion and decision on proposed changes to the curriculum for the next academic year:

The proposed changes to the curriculum for the next academic year were discussed in detail, and action was taken to incorporate the necessary modifications.

Any other agenda :

Adoption of an annual system in BSc III year, the introduction of new courses in PG.

Action taken:

It was decided that annual system in B.Sc. III year will be introduced and introduced new courses will be taken up in next session.

The meeting was concluded with a vote of thanks to the chair and the members.

Dr. M.K. Dwivedi

Chairperson Board Of Studies

PROFESSOR & HEAD
Deptt. of Pharmaceutical Chemi...
Govt. Holkar Science Coll...
INDORE (M.P.)

Government Holkar(Model Autonomous) Science College Indore

Department of PHYSICS

Minutes of the Board of Studies meeting

The BoS meeting of the department of Physics was conducted on 14 /07/2018 at 12.00noon .-the following members were present.

sn	Name	type
1	Dr. S.N. Kane	University Nominee
2	Dr. R.J Chodhary	University Nominee
3	Dr. P.K. Kekare	Subject Expert
4	Dr. Nidhi Parmar	Subject Expert
5	S.Soni	
6	S. Malviya	
7	Dr. Janvi Sharma	
8	Dr. Anuradha Gupta	
9	Prof Vinod Rathore	
10	Dr. Bhavna Chouresia	
11	Dr. Saligram Verma	
12	Dr. H.S.Dagar	
13	Dr. Netram KAurav	
14	Prof Ravi Rathore	
15	Dr. M.P. Sharma	
16	Dr R.C Dixit	
17	Kartika Shukla	
18	Rakhi Verma	

19	**Dr.Vinay Dashore**	
20	**Mohd Saleem Mulla**	
21	**Adish Jain**	
22	**Vishal tandon**	
23	**Pavitra Lodhi**	
24	**Taruna Verma**	
25	**Dr Prasad Deshpande**	
26	**Piyush Joshi**	
27	**Suraj Parwani**	
28	**Dr M.P. Mishra**	

Dr R.C Dixit - Chairman of BoS opened the meeting by welcoming and introducing the external members to the internal members. The chairman placed the following agenda for the deliberation and discussion of the members. The following are the deliberation made during the meeting (as per the item of circulated)

Item no.1 : To approve the minutes of the last meeting of the BoS held on 26/7/2017

Dr. M.K. H.S Dagar proposed to approve the minutes and Dr. Prasad Deshpande supported it. As the member had no objection , The BoS unanimously resolved to confirm the minutes of the previous meeting of the BoS.

Item no 2 : To consider the approval of the <u>new course</u> in B.Sc. Second year

Board has suggested the following new courses to be introduced in the syllabus of the B.Sc. Second year

(1) **Optics**

(2) **Elecostaticss, Magneto Statics Electrodynamics**

The rest recommend were approved.

Item no 3: To review and approve the curriculum and syllabus of the PG program.

As per the feedback back received from the students it seems that students are satisfy with the syllabus introduced in the last academic session hence BoS agreed to keep the last syllabus as it is for the session 2018-19 .

Item no4: To start new value added course :

The BoS authorized the HoD to continue the last sessions value added course for this session(2018-19) .

Item no.6 : Any other item with the permission of the Chair.

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The meeting concluded at 4 pm with a vote of thanks by Dr.Netram Kaurav

Coordinator, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Chairperson, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Govt. Holkar(Model Autonomous) Science College Indore

Dept. Of Seed Technology

Board of Studies 2018-19

Minutes of the Meeting

Date:**06//7/2018**

Location: Conference Hall, Department of Seed Technology

Attendees:

List attached

Agenda:

1. Approval of minutes from the previous meeting.
2. Report on course evaluations and feedback from students.
3. Approval of the syllabus of two newly added courses in B.Sc, IIyr - Paper I and Paper II.
4. Discussion and decision on proposed changes to the curriculum for the next academic year.
5. Vote of thanks

Proceedings:

1 Approval of minutes from the previous meeting:

The Board of Studies (BoS) meeting for the Seed Technology department was held on 14/7/2018 at the Conference Hall of Seed Technology . The meeting was chaired by Dr. Kishore Pawar

2 Report on course evaluations and feedback from students:

Mr Ashok Jat presented a report on the course evaluations and feedback received from the students. Members discussed the feedback and suggested improvements in the courses.

3 Approval of the syllabus of two newly added courses in B.Sc, IIyr

The syllabus of two newly added courses in B.Sc, II yr namely

Paper I **Plant Breeding.**

and Paper II **Seed Testing and Quality Control.**

was presented by Mr. Govind Jat . Members discussed the syllabus in detail and approved it.

4 <u>Discussion and decision on new courses and course content for the next academic year</u>:

Dr. Indar Patidar presented a proposal for new courses and course content for the next academic year. Members discussed the proposal and suggested changes. It was decided to approve the proposal with necessary modifications.

5 Vote of thanks:

The meeting concluded with a vote of thanks to the chairperson and all the members for their valuable inputs and suggestions.

विभागाध्यक्ष
सीड टेक्नोलॉजी विभाग
शा. होलकर विज्ञान महाविद्यालय,
इन्दौर (म.प्र.)

Minutes recorded by:

Dr. ~~Ashok Jat~~ Dharmender Jat

Coordinator , Department of Seed Technology

Coordinator, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Chairperson, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Govt. Holkar (Model Autonomous) Science College Indore

Department of Statistics

Board of Studies 2018-19

Minutes of the Meeting

Date:**06//9/2018**

Location: Conference Hall, Department of Statistics

Attendees:

List attached

Agenda:

1. Approval of minutes from the previous meeting.
2. Report on course evaluations and feedback from students.
3. Approval of the syllabus of two newly added courses in B.Sc, IIyr - I and II Paper.
4. Discussion and decision on proposed changes to the curriculum for the next academic year.
5. Vote of thanks

Meeting:

The Board of Studies (BoS) meeting for the Statistics department was held on the 6th of September, 2018 at the Conference Hall of Statistics. The meeting was chaired by the designated individual.

Item 1 - Approval of minutes from the previous meeting:

The attendees reviewed the minutes of the previous meeting and approved them without any objections.

Action taken: The attendees approved the minutes of the previous meeting.

Item 2 - Report on course evaluations and feedback from students:

A report on the course evaluations and feedback received from the students was presented. Members discussed the feedback and suggested improvements in the courses.

Action taken: The attendees discussed the feedback and suggestions for course improvements.

Item 3 - Approval of the syllabus of two newly added courses in B.Sc. II yr:

The syllabus of two newly added courses in B.Sc., II yr namely Paper I and Paper II was presented.

Paper I:

Paper II : Members discussed the syllabus in detail and approved it.

Action taken: The attendees reviewed the syllabus and approved it.

Item 4 - Discussion and decision on proposed changes to the curriculum for the next academic year:

A proposal for changes to the curriculum for the next academic year was presented. Members discussed the proposal and suggested changes. It was decided to approve the proposal with necessary modifications.

Action taken: The attendees discussed the proposal and approved it with necessary modifications.

Item 5 - Vote of thanks:

The meeting concluded with a vote of thanks to the chairperson and all the members for their valuable inputs and suggestions.

Action taken: The meeting concluded with a vote of thanks to the chairperson and all the members.

Minutes recorded by:

BoS coordinator

Coordinator, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Chairman, BoS

Chairperson, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

सत्र 2018-2019

सांख्यिकी अध्ययन मंडल परिषद् की बैठक आज दिनांक 06-09-2018 को विभाग में आयोजित की गई। बैठक में निम्न सदस्य उपस्थित हुए।

1. डा० जे० आर० सिंग (Subject Expert) 6.9.18
(विभागाध्यक्ष, सांख्यिकी विक्रम वि०वि० उज्जैन)

2. डा० शमित बेनर्जी (Subject Expert) 6.9.18
(विभागाध्यक्ष, सांख्यिकी, दे० अ० वि० वि०, इन्दौर)

3. प्रो० के० बी० राजोले (Subject Expert) 6.9.18
(सेवानिवृत्त विभागाध्यक्ष सांख्यिकी H.S.C. इन्दौर)

4. प्रो० मंगला चौरागड़े (Chairperson) 06.09.18
(विभागाध्यक्ष सांख्यिकी होल्कर वि० महा वि०, इन्दौर)

5. डा० रशिम अवड (सदस्य) 06/9/18
(अतिथि विद्वान, सांख्यिकी, होल्कर वि० महा वि०, इन्दौर)

6. डा० उन्नति धायरे (सदस्य) 06/09/18
(अतिथि विद्वान, सांख्यिकी, होल्कर वि० महा वि०, इन्दौर)

7. प्रो० स्वाती मिश्रा (सदस्य) 06-09-18
(अतिथि विद्वान, सांख्यिकी, होल्कर वि० महा वि०, इन्दौर)

8. प्रो० अश्विनी व्यास (सदस्य) 06/09/18
(अतिथि विद्वान, सांख्यिकी, होल्कर वि० महा वि०, इन्दौर)

09. डा० रेखा वर्मा (सदस्य)
(अतिथि विद्वान, अर्थशास्त्र, हो०कि०वि०इन्दौर)

बैठक में निर्णय निम्नानुसार लिए गये -

1. उच्च शिक्षा विभाग मध्यप्रदेश सरकार की वार्षिक स्नातक पाठ्यक्रम दोहरी प्रश्न पत्र प्रणाली के तहत केन्द्रीय अध्ययन मंडल से अनुशंसित बी.एससी० प्रथम वर्ष एवम् बी. एससी. द्वितीय वर्ष पाठ्यक्रम में को सत्र 2018-19 में यथावत् लागू करने की अनुशंसा की गई है।

2. स्नातक स्तर पर बी० एससी० पंचम एवम् षष्टम सेमेस्टर पद्धति के अन्तर्गत एकल प्रश्न-पत्र प्रणाली अनुसार पाठ्यक्रम केन्द्रीय अध्ययन मंडल द्वारा अनुशंसित तथा म० प्र० के महामहिम राज्यपाल महोदय द्वारा अनुमोदित सत्र 2018-19 में पूर्व पाठ्यक्रम को उचित सुधार कर विद्यार्थियों के हित में किया गया।

3. बी. एस सी० द्वितीय वर्ष में प्रथम प्रश्न पत्र Statistical Inference (सांख्यिकीय निष्कर्ष) का सैद्धांतिक प्रश्न पत्र के अधिकतम अंक 40 व उत्तीर्णांक 14 एवं तिमाही व छः माही परीक्षा के अंक 10 पूर्णांक होंगे। कुल अंक 50 [सैद्धांतिक + तिमाही, छः माही] होंगे।

4. इसी प्रकार बी॰ एस॰ सी॰ द्वितीय वर्ष में द्वितीय प्रश्न पत्र Sampling Techniques [प्रतिचयन तकनीक] का द्वितीय प्रश्न पत्र के अधिकतम सैद्धांतिक के 40 व उत्तीर्णांक 14 एवं तिमाही व छः माही परीक्षा के अंक 10 पूर्णांक होंगें। कुल अंक 50 [सैद्धांतिक + तिमाही, छः माही] होंगें।

5. (Practical) प्रायोगिक परीक्षा दोनों पेपर की एक ही होगी। कुल अंक 50 होगा।

6. इस प्रकार कुल प्रश्न पत्र (दो) + प्रायोगिक मिलाकर 150 अंक पूर्णांक होंगे।

7. स्नातकोत्तर पाठ्यक्रमों की संपूर्ण समीक्षा की गई। प्रथम, द्वितीय, तृतीय एवं चतुर्थ सेमेस्टर में CBCS पद्धति से पढ़ाया जा रहा है।

8. CBCS पद्धति में एम॰ एस॰ सी॰ तृतीय सेमेस्टर में एक पेपर One Elective Paper का पाठ्यक्रम पिछले वर्षों से पढ़ाया जा रहा है। इसे अन्य विषयों में स्नातकोत्तर स्तर के तृतीय सेमेस्टर के विद्यार्थियों को पढ़ाया जाता है।

9. सभी विशेषज्ञों के अभिमत से संगठित में पुनरीक्षित पाठ्यक्रमों के शैक्षणिक वर्ष

2018-2019 के लिए पढ़ाये जाने की अनुशंसा की गई।

10. बैठक में प्रत्येक प्रश्न पत्रों के पाठ्यक्रम पर विस्तृत चर्चा के उपरान्त विशेषज्ञों द्वारा सुझाव एवं परिवर्तन कर पाठ्यक्रमों का अनुमोदन किया गया एवं सुधारों को समीचीन किया गया।

11. विभागाध्यक्ष द्वारा अध्ययन परिषद में आमंत्रित महानुभावों को धन्यवाद देकर मीटिंग समाप्त की गई।

6.9.18

06.09.18

06/09/18

6.9.18

6/9/18

06/09/18

06/09/18

06-09-18

NOTICE

Government Holkar(Model Autonomous) Science College Indore

Department of ZOOLOGY

A meeting of the Board of Studies of the Department of Zoology will be held on 20 /7/2018 at 12.00 noon in the department seminar hall

You are requested to make it convenient to attend the same.

AGENDA FOR PROPOSED BOARD OF STUDIES

Item no.1 : To approve the minutes of the last meeting of the BoS held on 8/09/2017.

Item no 2 : To consider the approval of the new course in B.Sc. Second year(1) **Vertebrates & Evoltution (2) Animal Physology & Bio-Chemistry**

Item no 3: To review and approve the curriculum and syllabus of PG programme

Item no 4 : To start new value added course

Item no.6 : Any other item with the permission of the Chair.

Government Holkar(Model Autonomous) Science College Indore

Department of ZOOLOGY

Minutes of the Board of Studies meeting

The BoS meeting of the department of Zoology was conducted on 14 /07/2018 at 12.00noon .-the following members were present.

List Attached

Dr Dr M.M.P. Shriwastava - Chairman of BoS opened the meeting by welcoming and introducing the external members to the internal members. The chairman placed the following agenda for the deliberation and discussion of the members. The following are the deliberation made during the meeting (as per the item of circulated)

Item no.1 : To approve the minutes of the last meeting of the BoS held on 8/9/2017

Dr. V.K. Shrma proposed to approve the minutes and Dr. DR. Santosh Geharwal supported it. As the member had no objection , The BoS unanimously resolved to confirm the minutes of the previous meeting of the BoS.

Item no 2 : To consider the approval of the new course in B.Sc. Second year

Board has suggested the following new courses to be introduced in the syllabus of the B.Sc. Second year

(1) **Vertebrates & Evolution (2) Animal Physiology & Bio-Chemistry**

The rest recommend were approved.

Item no 3: To review and approve the curriculum and syllabus of the PG program.

As per the feedback back received from the students it seems that students are satisfy with the syllabus introduced in the last academic session hence BoS agreed to keep the last syllabus as it is for the session 2018-19 .

Item no4: To start new value added course :

The BoS authorized the HoD to continue the last sessions value added course for this session(2018-19) .

Item no.6 : Any other item with the permission of the Chair.

.

The meeting concluded at 4 pm with a vote of thanks by Dr.Rekha Sharma

Coordinator, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Rsharma

Chairperson, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

2019-2020

Govt. Holkar (Model Autonomous) Science College Indore

Dept. Of Biochemistry

Board of Studies 2019-20

Minutes of the Meeting

Date: **06/07/2019**

Location: Conference Hall, Department of Biochemistry

Attendees:

List attached

Agenda:

1. Approval of minutes from the previous meeting.
2. Report on course evaluations and feedback from students.
3. Approval of the syllabus of two newly added courses in B.Sc. III year - Paper I and Paper II.
4. Discussion and decision on proposed changes to the curriculum for the next academic year.
5. Any other business

Proceedings:

The attendees approved the minutes from the previous meeting.

A report on course evaluations and feedback from students was presented and discussed.

The syllabus of two newly added courses in B.Sc. III year - Paper I and Paper II - was presented, reviewed, and approved with a few suggested changes.

Proposed changes to the curriculum for the next academic year were discussed and a decision was made after a detailed discussion.

No other matters were raised for discussion during the meeting.

Action taken:

The approved minutes from the previous meeting were recorded and filed.

The syllabus of two newly added courses in B.Sc. III year - Paper I and Paper II - was finalized and implemented for the current academic year.

Paper I: Molecular Biology

Paper II: Nutritional, clinical and Environmental Biochemistry.

The proposed changes to the curriculum for the next academic year were discussed and decided upon.

Faculty development programs were conducted to train faculty members on the latest teaching techniques and methods.

Research seed money was provided to deserving students.

The meeting was adjourned, and the attendees were thanked for their participation.

Coordinator, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Chairperson, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Govt. Holkar(Model Autonomous) Science College Indore

Dept. Of Bio-informatics

Board of Studies 2019-20

Minutes of the Meeting

Date:03/06/2019

Time: 1.30 pm

Location: Conference Hall, Department of Bio-informatics

Attendees:

List attached

Agenda:

1. Approval of minutes from the previous meeting.
2. Report on course evaluations and feedback from students.
3. Approval of the syllabus of two newly added course in B.Sc. III year
4. Discussion and decision on proposed changes to the curriculum for the next academic year.
5. Discussion and decision on new courses and course content for the next academic year.

Proceedings:

Approval of minutes from the previous meeting:

The minutes of the previous meeting were approved after a brief discussion.

Report on course evaluations and feedback from students:

Dr. Sharma presented a report on the course evaluations and feedback received from the students. Members discussed the feedback and suggested improvements in the courses.

Approval of the syllabus of two newly added courses in B.Sc, III yr –

Paper I : Biostatistics

and Paper II: Mathematics for Biological Sciences

The syllabus of two newly added courses in B.Sc, IIyr - Paper I and Paper II was presented by Dr. Rashmi . Members discussed the syllabus in detail and approved it.

Discussion and decision on proposed changes to the curriculum for the next academic year:

The proposed changes to the curriculum for the next academic year were presented by Dr. Jain. Members discussed the changes and suggested modifications. It was decided to implement the changes with necessary modifications.

Discussion and decision on new courses and course content for the next academic year:

Dr. Rashmi presented a proposal for new courses and course content for the next academic year. Members discussed the proposal and suggested changes. It was decided to approve the proposal with necessary modifications.

Conclusion:

The meeting concluded with a vote of thanks to the chairperson and all the members for their valuable inputs and suggestions.

Minutes recorded by:

Coordinator ,

Department of Bio-informatics

Chairperson, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Coordinator, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Govt. Holkar (Model Autonomous) Science College Indore

Dept. Of Bio technology

Board of Studies 2019-20

Minutes of the Meeting

Date: **03/6/2019**

Location: Conference Hall, Department of **Bio technology**

Attendees:

List attached

Agenda

1. Approval of minutes from the previous meeting.
2. Report on course evaluations and feedback from students.
3. Approval of the syllabus of two newly added courses in B.Sc. II yr - Paper I and Paper II.
4. Discussion and decision on proposed changes to the curriculum for the next academic year.
5. Any other business

Proceedings:

Approval of minutes from the previous meeting.

The attendees reviewed the minutes of the previous meeting and approved them without any objections.

Approval of Syllabus for UG and PG Classes.

The syllabus for undergraduate and postgraduate classes was presented and reviewed by the attendees. A few changes were suggested, which were incorporated, and the final syllabus was approved.

Adoption of Annual System in BSc III Year.

The pros and cons of adopting an annual system for the BSc III year were presented, and after a detailed discussion, it was decided to adopt the annual system. The attendees agreed that this would be beneficial for the students in the long run.

Introduction of New Courses in UG& PG Program

New courses for B.Sc. III year were proposed, and their benefits were explained.

Paper I: Molecular Biology and Genetic Engineering

Paper II Applied Biotechnology.

After a detailed discussion, it was decided to introduce the proposed new courses in the current academic year. The attendees agreed on this decision.

Feedback on Proposed Changes to Syllabus

Feedback on proposed changes to the syllabus was provided by the attendees. A few changes were suggested, and the final syllabus was updated accordingly.

Faculty Development Program (FDP)

The importance of faculty development programs was discussed, and it was decided to conduct training sessions for faculty members on the latest teaching techniques and methods. The attendees agreed on this decision.

Proposal for Research Seed Money for Students

A proposal was presented to provide research seed money for deserving students, and the attendees approved the importance of funding for research and approved the proposal.

Any other business

No other matters were raised for discussion.

The meeting was adjourned with a vote of thanks to the chair.

Coordinator, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Chairperson, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Govt. Holkar (Model Autonomous) Science College Indore

Dept. Of Botany

Board of Studies 2019-20

Minutes of the Meeting

Date: **22/06/2019**

Location: Conference Hall, Department of Botany

Attendees:

List attached

Agenda:

1. Approval of minutes from the previous meeting.
2. Report on course evaluations and feedback from students.
3. Approval of the syllabus of two newly added courses in B. Sc. III year - Paper I and Paper II.
4. Discussion and decision on proposed changes to the curriculum for the next academic year.
5. Any other business

Proceedings:

Approval of minutes from the previous meeting.

The attendees reviewed the minutes of the previous meeting and approved them without any objections.

Approval of Syllabus for UG and PG Classes.

The syllabus for undergraduate (B.Sc. I and B.Sc. II) and Postgraduate classes was presented by Dr. Sanjeeda Iqbal. The attendees reviewed the syllabus and suggested a few changes, which were incorporated. The final syllabus was approved by the attendees.

Adoption of Annual System in BSc III Year.

Dr. Kamla Shivani presented the pros and cons of adopting an annual system for the BSc III year. After a detailed discussion, it was decided to adopt the annual system. The attendees agreed that this would be beneficial for the students in the long run.

Introduction of New Courses in UG& PG Program

Dr. Navin Jain proposed new courses for B.Sc. III year , and their benefits were explained.

Paper I **Plant Physiology & Biochemistry**

Paper II **Cell Biology Genetics & Biotechnology.**

B.Sc. II

Paper I **Taxonomy & Embryology of Angiosperm**

After a detailed discussion, it was decided to introduce the proposed new courses in the current academic year. The attendees, agreed on this decision.

Feedback on Proposed Changes to Syllabus

The attendees, including Dr. Smita Dubey, Dr. Amiy Pahare, Dr. Priti, provided their feedback on proposed changes to the syllabus. A few changes were suggested, and the final syllabus was updated accordingly.

Faculty Development Program (FDP)

Dr. Uday Chitnis discussed the importance of faculty development programs, and it was decided to conduct training sessions for faculty members on the latest teaching techniques and methods. The attendees agreed on this decision.

Proposal for Research Seed Money for Students

Dr. Sanjay Vyas presented a proposal to provide research seed money for deserving students. The attendees agreed on the importance of funding for research and approved the proposal.

Any other business

No other matters were raised for discussion.

The meeting was adjourned with a vote of thanks to the chair.

Dr.Priti Chaturvedi

Coordinator, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Chairperson, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Govt. Holkar(Model Autonomous) Science College Indore

Department of Chemistry

Board of Studies 2019-20

Minutes of the Meeting

Date: **19/06/2019** Time 2.30 pm

Location: Conference Hall, Department of Chemistry

Attendees: List attached

Agenda:

1. Approval of minutes from the previous meeting
2. Approval of Syllabus for UG and PG Classes
3. Adoption of Annual System in BSc III Year
4. Introduction of New Courses in UG& PG Program
5. Approval of syllabus of Value added course "Instrumentation Techniques"
6. Feedback on Proposed Changes to Syllabus
7. Faculty Development Program (FDP)
8. Proposal for Research Seed Money for Students
9. Any other business

Proceedings:

Approval of Minutes from the Previous Meeting:

The chair called the meeting to order and asked the attendees to approve the minutes of the previous meeting. The minutes were reviewed, and there were no objections. The attendees approved the minutes without any changes.

Approval of Syllabus for UG and PG Classes:

The proposed syllabus for UG(I and II Year) and PG Classes was presented, and all attendees provided their feedback. The attendees suggested a few minor changes, including adding Principal involved in Quantitative & Qualitative analysis in unit V of paper first(class MSc I sem,) adding different types of titration in Volumetric analysis in Inorganic chemistry practical, changing the practical marks distribution, adding paper chromatography in inorganic chemistry practical of class MSc II semester, redistributing marks in inorganic practical and

physical practical, shifting kinds of reaction catalysed by enzymes in unit II from Unit III in MSc IV semester, and making some additions to each unit of medicinal chemistry. The changes were incorporated into the final syllabus, which was then approved by the attendees.

Adoption of Annual System in BSc III Year:

The adoption of the annual system in BSc III Year was discussed, and the attendees analyzed the pros and cons of this system. After a detailed discussion, it was decided to adopt the annual system. The attendees agreed that this would be beneficial for the students in the long run.

Introduction of New Courses in UG& PG Program:

New courses in UG and PG programs were proposed by the faculty members, and their benefits were discussed. After a detailed discussion, it was decided to introduce the courses starting from the this academic year after making the necessary arrangements.

Paper I Physical Chemistry

Paper II Inorganic Chemistry

Paper III Organic Chemistry

Approval of Syllabus of Value Added Course "Instrumentation Techniques":

The syllabus of the value-added course "Instrumentation Techniques" was presented by the faculty member in charge of the course. The syllabus was discussed, and all attendees unanimously approved it.

Feedback on Proposed Changes to Syllabus:

The attendees provided their feedback on the proposed changes to the syllabus, and their suggestions and recommendations for improvement were taken into account. It was decided to implement the changes from the next academic year.

Faculty Development Program (FDP):

The attendees discussed the need for training sessions for faculty members on the latest teaching techniques and methods. After a detailed discussion, it was decided to conduct a training session for the faculty members on the latest teaching techniques and methods.

Proposal for Research Seed Money for Students:

A proposal for research seed money for students was presented and discussed. The attendees agreed on the importance of providing students with the necessary funds for research. It was unanimously approved to provide seed money for research to deserving students.

Any Other Business:

Varied modes of CCEs to be conducted, Chemical Club activities to be conducted, Industrial Visit and Seminar activities were discussed.

The meeting was adjourned with a vote of thanks to the chair.

Respectfully submitted,

[Dr A. Gandhe]

Coordinator, Board of Studies, Chemistry.

Coordinator, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Chairperson, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Govt. Holkar (Model Autonomous) Science College Indore

Department Of Computer Science

Board of Studies 2019-20

Minutes of the Meeting

Date: **12/07/2019** Time 02.00 pm

Location: Seminar Hall, Department of Computer Science

Attendees:

List attached

Agenda:

1. Approval of minutes from the previous meeting
2. Approval of Syllabus for UG and PG Classes
3. Adoption of Annual System in B.Sc. III Year
4. Introduction of New Courses in UG & PG Program
5. Approval of syllabus of Value added course "Basic Of Computer"
6. Feedback on Proposed Changes to Syllabus
7. Faculty Development Program (FDP)
8. Proposal for Research Seed Money for Students
9. Any other business

Proceedings:

Approval of Minutes from the Previous Meeting:

The chair called the meeting to order and asked the attendees to approve the minutes of the previous meeting. The minutes were reviewed, and there were no objections. The attendees approved the minutes without any changes.

Approval of Syllabus for UG and PG Classes:

The proposed syllabus for UG(I and II Year) and PG Classes was presented, and all attendees provided their feedback. The attendees suggested a few minor changes, including adding examples of algorithms involved in Design and Analysis of Algorithm in unit II and III of paper second (class MSc IV Semester).

Adoption of Annual System in BSc III Year:

The adoption of the annual system in B.Sc. III Year was discussed, and the attendees analyzed the pros and cons of this system. After a detailed discussion, it was decided to adopt the annual system. The attendees agreed that this would be beneficial for the students in the long run.

Introduction of New Courses in UG & PG Program:

New courses in UG and PG programs were proposed by the faculty members and their benefits were discussed. After a detailed discussion, it was decided to introduce the courses starting from the academic year after making the necessary arrangements.

Paper I: Database management System

Paper II: Operating System Concepts

Approval of Syllabus of Value Added Course "Basic of Computer": The syllabus of the value-added course "Basic of Computer" was presented by the faculty member incharge of the course. The syllabus was discussed, and all attendees unanimously approved it.

Feedback on Proposed Changes to Syllabus:

The attendees provided their feedback on the proposed changes to the syllabus, and their suggestions and recommendations for improvement were taken into account. It was decided to implement the changes from the next academic year.

Faculty Development Program (FDP):

The attendees discussed the need for training sessions for faculty members on the latest teaching techniques and methods. After a detailed discussion, it was decided to conduct a training session for the faculty members on the latest teaching techniques and methods.

Proposal for Research Seed Money for Students;

A proposal for research seed money for students was presented and discussed. The attendees agreed on the importance of providing students with the necessary funds for research. It was unanimously approved to provide seed money for research to deserving students.

Any Other Business:

There was no other business to discuss..

The meeting was adjourned with a vote of thanks to the chair,

Mr. Manish Singh

Coordinator BoS, Computer Science

Coordinator, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Dr. Pradeep Sharma

Chairman BoS, Computer Science

Chairman, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Govt. Holkar (Model, Autonomous) Science College, Indore [M.P.]
Department of Computer Science

Formation of Board of Studies of Computer Science

(As per Annexure - V of UGC Autonomy Guidelines)

For *Academic Year: 2019-2020*

Attendance and Minutes

Board of studies meeting of Computer Science subjects is organized in the Department of Computer Science at 2:00 PM for approving the Syllabus of B.C.A., B.Sc., M.Sc. (Computer Science) and Syllabus of M.Phil. Computer Science for the students who are taking admission in 2019-20 *and* onwards. Following Persons are the members of Board of studies:-

1. **Chairman Board of Studies-** Head, Department of computer Science
2. **Member-** The entire Faculty Member of Department of Computer Science
3. Two subject Experts nominated by the academic council

   (As per letter no.558/स्था./2012 Dated 12/06/2012)

   (i) Dr. S. S. Gautam, MGCGV, Chitrakoot, Satna

   (ii) Dr. Preeti Saxena, DAVV, Indore
4. One subject Experts nominated by the Vice- Chancellor

   (As per letter no.558/स्था./2012 Dated 12/06/2012)

   (i) Dr. K.K. Tiwari, Principal, Takshshila College Bhopal
5. One representative from industry/allied areas-

   (As per letter no.558/स्था./2012 Dated 12/06/2012)

   (i) Shri Amit Dhakad, Power Battery, Indore
6. One post Graduate Computer Science Department meritorious alumnus

   (i)Ms. Praneeta Joshi

Govt. Holkar (Model, Autonomous) Science College, Indore [M.P.]

Department of Computer Science

Unanimously following decisions were taken for academic session 2019-20

1) B.Sc. I, II & III year's Computer Science syllabus approved.
2) B.C.A. I, II, III, IV, V & VI semester's Computer Application syllabus approved.
3) M.Sc. I, II, III & IV semester's Computer Science syllabus approved.
4) M.Phil. I, II, III semester's Computer Science syllabus approved.

Experts Members, Faculty Members (Name & Sig.)

S.No.	Name of Members	Signature
1	DR. SURESH T. SILAWAT	
2	DR. PRADEEP KUMAR SHARMA	
3	DR. K.K. TIWARI	
4	DR. PREETI SAXENA	
5	DR. S. S. GAUTAM	
6	SHRI AMIT DHAKAD	
7	DR. R. GARG	
8	Prof. M. CHAURAGADE	
9	DR. INDU TIWARI	
10	DR. MANORAMA AGRAWAL	
11	DR. SANJEEDA IQBAL	
12	Mr. SHIVLAL MEWADA	
13	Mr. MANISH SINGH	
14	Mr. MANOHAR RAKSHA	
15	Ms. JAYA SHARMA	
16	Mr. DHEERAJ SHARMA	
17	Mr. RAVI PATHARIYA	
18	Mr. YOUGAL K SHARMA	
19	Ms. PRIYANKA AGIWAL	
20	Mr. SANJAY BHUMARKAR	
21	Ms. PAYAL JAIN	
22	Ms. POOJA ~~PARMAR~~ RATHORE	
23	Ms. AARTI SHRIVASTAVA	
24	Ms. JAYA VANPURE	
25	Ms. HARSH PALIWAL	
26	Ms. DIPTI DUBEY	
27	Ms. DIVYA RATHOD	
28	Ms. BHAWANA BHADKARE	
29	Ms. SAPANA KANERIA	
30	Ms. MRINALINI JADHAV	
31	Ms. SARITA SHARMA	
32	Ms. GAZALA PARVEEN	
33	Ms. DIPIKA MANDWALIYA	
34	Ms. BHAGYASHREE PATHAK	
35	Ms. MEGHA ARYA	
36	Ms. PRANEETA JOSHI	

For kind approval of Principal Govt. Govt. Holkar Science college, Indore

Approved by Principal .....

Head

Department of Computer Science

सत्र - 2019 - 2020

अर्थशास्त्र अध्ययन मंडल परिषद की बैठक आज दिनांक 13-07-2019 को सांख्यिकी-विभाग में आयोजित की गई। बैठक में निम्न सदस्य उपस्थित हुए।

1. डा० अरुणा कुसुमाकर (Subject Expert) 13.7.19
(प्राध्यापक, अर्थशास्त्र, संस्कृत महा वि. इन्दौर)
2. डा० संध्या कोथलेकर (Subject Expert)
(प्राध्यापक, अर्थशास्त्र, OLD GDC (MJB) इन्दौर) 13/7/2019
3. डा० अंजना सक्सेना (Subject Expert) 13.7.19
(प्राध्यापक, अर्थशास्त्र, महारानी लक्ष्मीबाई महावि. इन्दौर)
4. प्रो० मंगला चौरागडे (Chairperson) 13.7.19
(विभागाध्यक्ष सांख्यिकी एवं अर्थशास्त्र होलकर विज्ञान महाविद्यालय इन्दौर)
5. डा० रेखा वर्मा (सदस्य) 13/7/19.
(अतिथि विद्वान, अर्थशास्त्र, होलकर विज्ञान महाविद्यालय इन्दौर)
6. डा० शहिम अवाड (सदस्य) 13/07/19
(अतिथि विद्वान, सांख्यिकी, होलकर विज्ञान महाविद्यालय इन्दौर)
7. डा० उन्नति भायारे (सदस्य) 13/07/19
(अतिथि विद्वान, सांख्यिकी, होलकर विज्ञान महाविद्यालय इन्दौर)

बैठक में निर्णय निम्नानुसार लिये गये :

उच्च शिक्षा विभाग, मध्यप्रदेश सरकार की वार्षिक स्नातक पाठ्यक्रम दोहरी परीक्षण प्रणाली के तहत केन्द्रीय

Department of Statistics
Holkar Science College, Indore

अध्ययन मंडल से अनुशंसित और मध्यप्रदेश के राज्यपाल द्वारा अनुमोदित बी० ए० द्वितीय वर्ष एवं बी० ए० तृतीय वर्ष के पाठ्यक्रम बी.एससी० द्वितीय एवं तृतीय वर्ष में सत्र 2019-20 में यथावत् लागू करने की अनुशंसा की गई है।

सभी विशेषज्ञों के अभिमत से यह चर्चा हुई कि इस वर्ष 2019-2020 में केन्द्रीय अध्ययन मंडल द्वारा बी० ए० का प्रथम वर्ष में नये पाठ्यक्रम को अगर लागू किया जाता है तो उसी पाठ्यक्रम को इस वर्ष 2019-2020 में बी.एससी. प्रथम वर्ष (अर्थशास्त्र) में यथावत् लागू किया जावेगा।

बी.ए. के पाठ्यक्रम को बी.एससी. में प्रथम प्रश्न पत्र के अन्तर्गत सैद्धांतिक प्रश्न-पत्र के अधिकतम अंक 40 एवं तिमाही व छः माही परीक्षा के प्रत्येक 10 अंक होंगें। प्रथम प्रश्न पत्र के कुल अंक 50 [सैद्धांतिक + तिमाही, छः माही] होंगें।

इसी प्रकार बी.ए. के पाठ्यक्रम को बी.एससी. में द्वितीय प्रश्न पत्र के अन्तर्गत सैद्धांतिक प्रश्न पत्र के अधिकतम अंक 40 एवं तिमाही व छः माही परीक्षा के प्रत्येक 10 अंक होंगें। द्वितीय प्रश्न पत्र के भी कुल अंक 50 [सैद्धांतिक + तिमाही, छः माही] होंगें।

सभी विशेषज्ञों के अभिमत से छात्रहित में पुनरीक्षित पाठ्यक्रमों को शैक्षणिक वर्ष 2019-2020 के लिए पढ़ाये जाने की अनुशंसा की गई।

विभागाध्यक्ष द्वारा अध्ययन परिषद में आमंत्रित सदस्यों को धन्यवाद देकर मीटिंग समाप्त की गई।

डॉ. अरुणा कुलभाकर — 13/7/2019

प्रो. सन्ध्या कोथमीकर — A Saxena 13.7.19

प्रो अंजना सक्सेना

प्रो. एम. चौरागडे — 13.7.19

डॉ रेखा वर्मा — 13.7.19.

Govt. Holkar(Model Autonomous) Science College Indore

Dept. Of Electronics

Board of Studies 2019-20

Minutes of the Meeting

Date:24/06/2019

Time: 1.30 pm

Location: Department of Electronics

Attendees:

List attached

Agenda:

1. Approval of minutes from the previous meeting.
2. Report on course evaluations and feedback from students.
3. Approval of the syllabus of newly added course in B.Sc. III yr
4. Discussion and decision on proposed changes to the curriculum for the next academic year.
5. Discussion and decision on new courses and course content for the next academic year.

Proceedings:

Approval of minutes from the previous meeting:

The minutes of the previous meeting were reviewed and approved without any objections.

Report on course evaluations and feedback from students:

A report on course evaluations and feedback received from the students was presented. Members discussed the feedback and suggested improvements in the courses.

Approval of the syllabus of newly added courses in B.Sc. III Year with following details

- **Paper I: Thyristors, IC technology, Microprocessor & Electrical Motors**
- **Paper II: Communication Electronics.**
- **Practical Course**

- **Review of B.Sc. I and II Year syllabus. It has been decided to continue with as it is.**
- **Approval of the syllabus of Value-added course**

Computer Hardware ,Equipment's Repairing & Fabrication Training

The syllabus for newly added courses in B.Sc., III yr. – Paper I and Paper II and one value added course was presented. Members reviewed the syllabus, made a few suggestions, and approved it.

Discussion and decision on proposed changes to the curriculum for the next academic year:

Proposed changes to the curriculum for the next academic year were presented. Members discussed the changes, made modifications, and agreed to implement the changes.

Discussion and decision on new courses and course content for the next academic year:

A proposal for new courses and course content for the next academic year was presented. Members discussed the proposal, made necessary changes, and approved it.

Conclusion:

The meeting was adjourned with a vote of thanks to the chairperson and all the members for their valuable inputs and suggestions.

Minutes recorded by:

Coordinator

Coordinator, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Chairman

Chairperson, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

MINUTES OF BOARD OF STUDY'S MEETING 2019

PART-A (THEORY) Following changes are recommended in the Syllabus of all 3 years UG Course provided by Department of Higher Education. Incorporation is made as per Board of Study's recommendations.

B.Sc. I Year

Paper –I

1. In Unit- I, Topic "Ethical Issues" is replaced by "Ethics of Forensic Scientist".
2. In Unit- IV, Topic "Role of Investigator".
3. In Unit-V, "Government and Private" word is added.

Paper- II

1. In Unit- II, Topic "Ethics of Crime Scene" is removed.

B.Sc II Year

Paper- I

1. In Unit- I, Section- 354 (A-D) is added and section- 339, 340 are removed.

B.Sc III Year

Paper- I

1. In Unit- I, Topic "NDPS Act" is added.
2. In Unit- II, Topic "Types od Death, PM Changes, Drug of Abuse, Classification, NADA, WADA" are added.
3. In Unit- IV, Topic "Types of Poisoning, Alcoholic Drinks, Classification of Poison, and Metallic Poisons" are added.
4. In Unit- V, Topics are specified.
5. All Units are arranged properly.

PART-B (PRACTICAL) Following changes are recommended in the Syllabus of all 3 years UG Course provided by Department of Higher Education. Incorporation is made as per Board of Study's recommendations.

B.Sc I Year

- Practical 9, 10,11,12,13 are shifted to Practicals of B.Sc II Year.

MINUTES OF BOARD OF STUDY'S MEETING

PART-A (THEORY) Following changes are recommended in the CBCS Based Syllabus of all 2 years PG Course, Incorporation is made as per Board of Study's recommendations.

M.Sc- I Sem

Paper- 1 (Forensic Science and Criminal Justice System)

1. Unit- I is entitled as "Introduction to Forensic Science" and a topic "Quality assurance and accreditation" is added.
2. Unit- II is entitled as "Crime Scene Management and Evidences" and a topic "Response to Radiological Crime Scene" is added.
3. Unit- III is entitled as "Collection, Preservation, Packaging and Forwarding of Evidences".
4. A topic "Collection, Preservation, Packaging and Forwarding" is added from Unit-II to Unit- III.
5. In Unit- V, a topic "Crime" is shifted from Unit- III.

Note- Paper- 3 "Questioned Documents, Fingerprints and Other Impressions" is edited as "Questioned Documents, Fingerprints & Other Prints".

1. Topics "Handwriting and Signature" are merged in Unit-I.
2. In Unit- II, Topics "Typed Typed & Printed Document, Photocopied and Scanned Documents, Digital Signature" are shifted from Unit- III.
3. In Unit- III, Topic "Finger Prints" is shifted to Unit- II.
4. In Unit- III, Topics "Edgeoscopy and Poroscopy" are added.
5. In Unit- IV, Topics " Development of Fingerprint from Cadavers, Automation " are added.
6. In Unit- V, Topic "Examination of tire and skid marks on different surfaces and calculation of speed of vehicle " is removed.
7. Title of Unit- V "Other Impressions" is edited as "Other prints".

Paper- 4 (Instrumental Methods- Physical)

1. In Unit- III, Topic "FTIR" is added.
2. In Unit- IV, Topic "EDX- Ray Spectroscopy" is added.
3. In Unit-V, Topic "ICP-MS" is added.

06/08/19

06 Aug 2019

V.R. Chourey
2.8.19

M.Sc- II Sem

Paper-5 (Instrumental Methods- Chemical)

1. Unit I, Topics are reshuffled and Unit is entitled as "Sample Preparation and Treatment Techniques". "Steam Distillation, Lyophilization, Cleanup Process, Soxhlet Extraction Acid Digestion, Microwave Assisted Extraction" topics are added.
2. In Unit II, Topics are rearranged and edited with "Different Parts of Microscope, Optical Pathways and Applications". "Atomic Force Microscopy, Different Fixation and Staining Techniques" are added.
3. In Unit III, Topics are rearranged and some topics are added like "Supercritical Fluid Chromatography, Interpretation of Different types of Chromatogram, Selection of Column and Mobile Phase Used in Chromatography, Basics Of Chromatogram.
4. In Unit IV, Topics are rearranged and some topics are added like "High Voltage and Low Voltage, Disc Gel Electrophoresis and Pulse Field Gel Electrophoresis".
5. In Unit V, Topic "A brief idea about the various forms of mass spectroscopy coupling with GC" is replaced by "Hyphenated Techniques".

Paper-6 (Forensic Biology)

1. Unit- 1 is entitled as "Cell Biology and System Physiology". Topics "Cell Devision and Cell Cycle, Membrane Structure and Function" are added.

M.Sc III Sem

Note- Paper 13 "Instrumental Methods- Biological" of MSc IV Sem is shifted to Paper-10 of M.Sc III Sem

Paper-10 (Instrumental Methods- Biological)

1. In Unit- I, Topics "Cytological techniques, Biological staining, Culture media techniques, Karyotyping" are added.
2. In Unit- II Topic "Relative centrifugal force" is added.
3. Unit- III is entitled as "Enzymatic methods of Analysis" and Topics "Protein estimation, protein-protein interaction, Radio labelling techniques" are added.
4. Unit- IV is entitled as "Histochemical and Immunotechniques", Some topics are reshuffled.
5. Unit- V entitled as "Applied Genetic Engineering" Some topics are renamed and reshuffled.

Elective- 1, Paper- 11 (DNA Profiling)

1. In unit I, Topics are rearranged, some topics are added like, Organization of eukaryotic cells and their genome, Organization of Gene and Chromosomes, Concept of genes, Conformation of nucleic acid.
2. In Unit II, Topics renaturation and denaturation are shifted from unit I and Methylation is added.
3. Unit III is entitled as "Handling of DNA samples".
4. Some topics from unit III are shifted to unit IV.
5. The topics of unit IV are merged with unit V.
6. Unit IV, is entitled as "Quality assurance and validation".

Elective- 2, Paper-12 (Forensic Serology)

1. Unit- I is entitled as "Biomolecules" and Topics "Structural and Function of Protein, Lipids, Enzymes, Biological Membrane" are added.
2. Unit- II is entitled as "Basic Concept of Genetics and Gene Expression" and rearranged.

M.Sc IV Sem

Note- Paper 13 "Instrumental Methods- Biological" is replaced by "Forensic Physics"

Paper- 13 (Forensic Physics)

1. In Unit II, topic "Electric Meter" is added.
2. In Unit- II, Topic "Tool marks and Impressions" is replaced by "Tool Marks".
3. In Unit IV, Topic "Computer Forensics" is replaced by Topic "Impression Patterns and Reconstruction of Accidents".
4. In Unit- V, Topic "Computer and Networking" is replaced by Topic "Essentials of Mathematics and Statistics in Forensic Science".

Note- Core- 12, Paper- 14 "Scientific Investigation of Crime" is replaced by "Computer & Cyber Forensics".

Note- Elective- 3, Paper- 15 is substituted by Elective- 4, Paper-16 "Emerging Trends in Forensic Science ".

Note- Elective- 3, Paper- 15 "Questioned Documents and their Examination" is removed.

Note- Core- 12, Paper- 14 "Scientific Investigation of Crime" is shifted to Elective- 4, Paper- 16.

Note- Elective- 4, Paper- 16 "Emerging Trends in Forensic Science "of M.Sc IV Sem is shifted to Elective- 3, Paper- 15.

1. Whole Paper is rearranged and some new topics are added.
2. In Unit- I, Topics of Unit- I,II and III are added from Elective-3, Paper- 15 "Forensic Psychology".
3. Topic "Future Technology and Automation" from Unit- V of Elective- I, Paper-11 "DNA Profiling" is shifted to Unit- II of Elective- 3, Paper- 15 "Emerging Trends in Forensic Science".
4. In Unit- II, Topic "Gene Amplification" is added.
5. Unit- III is entitled and introduced as "Microbial Forensics and Bioterrorism".
6. Unit- IV is entitled and introduced as "Social Media Forensics".
7. Unit- V is entitled and introduced as "Advanced Criminal Investigative Techniques".

PART-B (PRACTICAL) Following changes are recommended in the CBCS Based Syllabus of all 2 years PG Course, Incorporation is made as per Board of Study's recommendations.

Practical based on Paper- 9 & 10

1. Practical 1, 2, 3, 6, 8, 9, 10, 11, 12 replaced by Practical 1 to 8 of M.Sc IV Sem.

Practical Based on Paper- 13 & 14

1. New Practicals are introduced according Theory Paper.

Practical Based on Paper- 15 & 16

1. Some new Practicals are introduced according to Theory Paper.

Coordinator, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Chairperson, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

6.8.19

Govt. Holkar (Model Autonomous) Science College Indore

Department of Geography

Board of Studies 2019-20

Minutes of the Meeting

Date: 27/06/2019

Time: 1.30 P.M.

Location: Conference Hall, Department of Geology

Attendees: List attached

Agenda:

1. Approval of minutes from the previous meeting.
2. Report on course evaluations and feedback from students.
3. Approval of the syllabus of two newly added course in B.Sc. year
4. Discussion and decision on proposed changes to the curriculum for the next academic year.
5. Discussion and decision on new courses and course content for the next academic year.

Proceedings:

Approval of minutes from the previous meeting:

The minutes of the previous meeting were reviewed and approved without any objections.

Report on course evaluations and feedback from students:

A report on course evaluations and feedback received from the students was presented by Dr. Roohi Ansari. Members discussed the feedback and suggested improvements in the courses.

Approval of the syllabus of two newly added courses in B. Sc. III Year –

The syllabus for two newly added courses in B.Sc. III year– Paper I and Paper II was presented by Dr. Poonam Bhatnagar namely:

Paper I: Geography and India; and

Paper II: Environment & Resource Management.

Subject expert Dr. Venu Trivedi and other members reviewed the syllabus, made a few suggestions, and approved it.

Discussion and decision on proposed changes to the curriculum for the next academic year:

Proposed changes to the curriculum for the next academic year were presented by Dr. Narendra Joshi. Subject expert and members discussed the changes, made modifications, and agreed to implement the changes.

Discussion and decision on new courses and course content for the next academic year:

A proposal for new courses and course content for the next academic year was presented by Dr. Roohi Ansari. Subject expert Dr. Venu Trivedi and one of the board member Dr. Shailesh Chaure have suggested some changes. Subject expert and other members discussed the proposal, made necessary changes, and approved it.

Conclusion:

The meeting was adjourned with a vote of thanks to the chairperson and all the members for their valuable inputs and suggestions.

Minutes recorded by: Dr. Roohi Ansari

Ansari 27/06/2019

Dr. Roohi Ansari
Coordinator, BoS Geography.

Coordinator, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Dr. Vishnu Gadgil
Chairperson, BoS Geography.

Chairperson, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Govt. Holkar(Model Autonomous) Science College Indore

Department Of Geology

Board of Studies 2019-20

Minutes of the Meeting

Date: **21/06/2019**

Time: 1:30 PM

Location: Conference Hall, Department of Geology

Attendees:

List attached.

Agenda

1. Approval of minutes from the previous meeting
2. Approval of Syllabus for UG and PG Classes
3. Adoption of Annual System in BSc III Year
4. Introduction of New Courses in UG Program
5. Feedback on Proposed Changes to Syllabus
6. Faculty Development Program (FDP)
7. Proposal for Research Seed Money for Students
8. Any other business

Proceedings:

Approval of minutes from the previous meeting:

The chairperson Dr. V.Gadgil welcomed the attendees and presented the minutes from the previous meeting was held on 01/08/2018 . The attendees approved the minutes after a brief discussion.

Approval of Syllabus for UG and PG Classes:

The coordinator of the Syllabus Development Committee Dr. Shailesh Chaure presented the proposed syllabus for UG (B.Sc. I yr, B.Sc. IIyr) and PG classes for the current academic year. The subject expert Prof. P.K. Verma and Dr.V. K. Parashar and other members reviewed the syllabus and suggested a few changes, which were incorporated. The final syllabus was approved unanimously by the attendees.

2019-20

Adoption of Annual System in BSc III Year:

The proposal to shift from the semester to the annual system for BSc III Year was presented and approved based on feedback from students and teachers. It was agreed that it would be compulsory for students to complete an internship or project as a requirement for graduation. The department would ensure that students were provided with sufficient opportunities and resources to successfully complete their internships or projects.

Introduction of New Courses in UG Program (B.Sc. III year):

The department proposed the introduction of two new papers, namely.

Paper 1: Palaeontology and Stratigraphy and

Paper 2: Earth Resources and Applied Geology

for the UG program B.Sc. III yr. After a thorough discussion, the proposal was approved by the BoS.

Feedback on Changes to Syllabus:

The chairperson called for feedback on the proposed changes to the syllabus for UG and PG classes. Members of the committee provided constructive feedback on the proposed changes and suggested modifications that would enhance the syllabus. Geological field studies, excursions and internships with concerned Geoscientific organizations are essential parts of the curriculum subject experts and other members agreed for continuing this good practice. The suggestions of subject experts and members were noted, and it was agreed that the syllabus development committee would review the syllabus to incorporate the suggestions and finalize it.

Faculty Development Program (FDP):

The proposal for FDPs for the faculty was presented, and the attendees were informed that the proposals had been approved. The FDPs would be conducted as planned.

Proposal for Research Seed Money for Students:

A proposal was made to provide research seed money for students to promote research awareness. After a thorough discussion, the proposal was approved, and the department heads were instructed to work out the details and report back to the BoS.

Any Other Business: No other business was raised by the attendees.

Meeting concluded with the vote of thanks, Chairperson thanked all external subject experts and all other members for their participation, and the meeting was adjourned.

Coordinator BoS
Coordinator, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Chairperson BoS
Chairperson, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

शासकीय होल्कर विज्ञान महाविद्यालय इंदौर (म.प्र.)
सत्र - 2019-20

PAGE No.
DATE 10 07 2019

हिन्दी विभाग
हिन्दी भाषा

हिन्दी अध्ययन परिषद् की बैठक — 2019 — 20

दिनांक 10.07.19 को अपराह्न 1.00 बजे हिन्दी विभाग की हिन्दी अध्ययन परिषद् की बैठक संपन्न हुई। इसमें सर्वसम्मति से यह निर्णय लिया गया कि म.प्र. उच्च शिक्षा विभाग की केन्द्रीय अध्ययन परिषद् द्वारा अनुशंसित एवं म.प्र. के महामहिम राज्यपाल द्वारा अनुमोदित बी.एस.सी प्रथम वर्ष, बी.एस.सी द्वितीय वर्ष, बी.एस.सी. तृतीय वर्ष एवं बी.सी.ए द्वितीय सेम के पाठ्यक्रम को महाविद्यालयीन छात्र-छात्राओं के अध्ययन हेतु यथावत रखा जावे।

बी.एस.सी प्रथम वर्ष, द्वितीय वर्ष एवं तृतीय वर्ष के हिन्दी प्रश्न-पत्र 'हिन्दी भाषा और नैतिक मूल्य' के लिए 40 + 10 CCE अंक निर्धारित हैं। बी.सी.ए द्वितीय सेम के हिन्दी प्रश्न-पत्र Hindi Language (पाठ्य-पुस्तक — 'भारतीयता के अमर स्वर') के लिए 40 + 10 CCE अंक निर्धारित हैं। (5+5)

यह पाठ्य-क्रम दोनो समूह (Maths + Bio) के लिए लागू होगा।

म.प्र. शासन द्वारा पाठ्यक्रम में किया गया आंशिक परिवर्तन मान्य होगा।

बैठक में निम्न सदस्य उपस्थित रहें।

1. डॉ. मनोरमा अग्रवाल (विभागाध्यक्ष) 10/07/19
2. श्री रसनिधि कुमार गुप्ता (उद्योग प्रतिनिधि)
3. डॉ. योगेन्द्रनाथ शुक्ल (विषय विशेषज्ञ) 10/07/19
4. डॉ. शोभा चतुर्वेदी (विषय विशेषज्ञ) 10/07/19
5. डॉ. सुषमा श्रीवास्तव (विषय विशेषज्ञ) 10.07.19
6. डॉ. इन्दु तिवारी (विभागाध्यक्ष-अंग्रेजी भाषा) 10.7.2019.
7. प्रो. कवीन्द्रकुमार भारद्वाज
8. डॉ. अनुकूल सोलंकी 10/07/19
9. प्रो. प्रगति मिमरोट
10. डॉ. आराधना कौरव 10/07/19
11. डॉ. कांता मूलचन्दानी 10.7.19
12. डा. सुवर्णा तनवानी — English — English 10.7.19

13 डॉ. तौशीफ़ अब्बासी
14 डॉ. भारती सिसोदिया
15 डॉ. सोना संक्ते

Tabassi 10/07/19
Bharti
Sona

Govt. Holkar(Model Autonomous) Science College Indore

Dept. Of Horticulture

Board of Studies 2019-20

Minutes of the Meeting

Date:05 **/07/2019**

Time: 1.30 pm

Location: Conference Hall, Department of Horticulture

Attendees:

List attached

Agenda:

1. Approval of minutes from the previous meeting
2. Course Evaluations and Feedback from Students
3. Addition some Practical in B.Sc. Iyr
4. Approval of the syllabus of two newly added courses in B.Sc, III yr
5. Discussion and decision on proposed changes to the curriculum for the next academic year
6. Discussion and decision on new courses and course content for the next academic year
7. Other Business

, Horticulture, horticulture, geography

Proceeding :

Approval of minutes from the previous meeting: The minutes of the previous meeting were reviewed and approved with no changes.

Course Evaluations and Feedback from Students: Dr. Jat presented the results of the course evaluations and feedback received from students. Members discussed the feedback and suggestions for improvement were made.

Approval of the syllabus of two newly added courses in B.Sc, III yr: Dr. Patidar presented the syllabus for two newly added courses in B.Sc, III yr. Members discussed the syllabus in detail and approved it with minor modifications.

Paper I **Soil Productivity Agro Forestry**

Paper II **Processing of Horticultural Crops& Value addition**

Addition some Practical in B.Sc. Iyr : Addition some Practical in B.Sc. Iyr : Bos approved the following addition of practical in B.Sc. I yr.

1 Study of different type of seed bed

2 Study of different method of seed treatment

3 Exercise based on Seed treatment

4 Exercise based on system of irrigation

Discussion and decision on proposed changes to the curriculum for the next academic year: Dr. Sandhya presented proposed changes to the curriculum for the next academic year. Members discussed the changes and provided feedback. It was decided to move forward with the proposed changes with a few minor modifications.

Discussion and decision on new courses and course content for the next academic year: Dr. Govind presented a proposal for new courses and course content for the next academic year. Members discussed the proposal and provided feedback. It was decided to approve the proposal with some modifications.

Conclusion: The meeting concluded with a vote of thanks to the chair and all the members for their valuable input and suggestions.

Minutes recorded by: [Dr. JAt] Department Coordinator , Horticulture Department

Coordinator, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Chairperson, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Govt. Holkar(Model Autonomous) Science College Indore

Dept. Of Mathematics

Board of Studies 2019-20

Minutes of the Meeting

Date: **08/07/2019** Time

Location: Conference Hall, Department of Mathematics

Attendees:

List attached

Agenda:

1. Approval of minutes from the previous meeting
2. Approval of Syllabus for UG and PG Classes
3. Adoption of Annual System in BSc III Year
4. Introduction of New Courses in UG& PG Program
5. Feedback on Proposed Changes to Syllabus
6. Faculty Development Program (FDP)
7. Proposal for Research Seed Money for Students
8. Any other business

Proceedings:

Approval of minutes from the previous meeting On -------[date], the Mathematics Department held a meeting chaired by Dr. Ravindra Garg After welcoming the attendees, the minutes of the previous meeting were presented and approved.

Approval of Syllabus for UG and PG Classes The Syllabus Development Committee coordinator presented the proposed syllabus for UG (B.Sc. I yr, B.Sc. IIyr) and PG classes for the current academic year. The Board of Studies (BoS) carefully considered the proposal and approved it.

Adoption of Annual System in BSc III Year The department discussed and approved the proposal to shift from the semester to the annual system for BSc III Year. Students will need to complete an internship or project as a requirement for graduation, and the department will ensure they have adequate opportunities and resources.

Introduction of New Courses in UG& PG Program The Department proposed introducing following three new papers for the UG program B.Sc. III yr, which were carefully considered and approved by the BoS

Paper I **Linear Algebra& numerical analysis**

Paper II **Real and Complex Analysis**

Paper III **Discrete Mathematics**

Similarly, new courses had been introduced in the PG program based on feedback received from students and teachers and approved by the BoS.

Feedback on Proposed Changes to Syllabu Attendees provided constructive feedback on the proposed changes to the syllabus for UG and PG classes, which the chairperson appreciated.

Faculty Development Program (FDP FDPs were proposed for departments, which were approved and will be conducted.

Proposal for Research Seed Money for Students A proposal was made to provide research seed money for students, which the attendees agreed would be beneficial. The proposal was approved, and the department heads were instructed to work out the details and report back to the BoS.

Any other business No other business was raised, and the meeting concluded with a vote of thanks to the chairperson and all the attendees for their valuable inputs and suggestions.

Chairperson, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Coordinator, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Govt. Holkar(Model Autonomous) Science College Indore

Dept. of Microbiology

Board of Studies 2019-20

Minutes of the Meeting

Date: 25/06/2019

Time

Location: Conference Hall, Department of Microbiology

Attendees:

List attached

Agenda

1. Approval of minutes from the previous meeting
2. Update on ongoing research projects and grants
3. Introduction of new courses in the microbiology program
4. Feedback on proposed changes to the microbiology curriculum
5. Faculty development and training opportunities
6. Proposal for student travel grants to attend conferences
7. Any other business

Discussion:

Approval of minutes from the previous meeting:

The chair called the meeting to order and presented the minutes from the previous meeting. The minutes were reviewed and approved by the attendees.

Discussion and approval of new research projects proposed by faculty:

Several faculty members presented their research proposals for the year, which were discussed and approved by the attendees. The proposals included studies on the effects of probiotics on gut microbiota, the development of novel antibiotics, and the investigation of antimicrobial resistance in soil bacteria.

Update on ongoing research projects and grants:

The chair provided an update on the department's ongoing research projects, including those funded by seed money . Attendees were briefed on the progress made so far and any challenges that have arisen. The chair also reminded faculty members to submit grant proposals for upcoming funding opportunities.

Introduction of new courses in the microbiology program:

The department proposed two new courses to be introduced in the microbiology program, namely " **Applied & Environment Microbiology**" and " **Immunology & Medical Microbiology**". As I and II paper in B.Sc. III yr. respectively The proposal was discussed, and after careful consideration, it was approved by the attendees.

Feedback on proposed changes to the microbiology curriculum:

The chairperson called for feedback on proposed changes to the microbiology curriculum. The attendees were given the opportunity to share their opinions, and several suggestions were made. The attendees provided constructive feedback on the proposed changes and suggested modifications that would enhance the curriculum. The chairperson appreciated the attendees' active participation and took note of all the suggestions made. It was agreed by all attendees that the suggestions made would be taken into consideration by the curriculum development committee. The committee would then review the curriculum to incorporate the suggestions and finalize it.

Faculty development and training opportunities:

The chair informed the attendees about upcoming faculty development and training opportunities, including workshops and seminars on teaching methodologies and research techniques. Attendees were encouraged to attend and participate in these events to enhance their skills and knowledge.

Proposal for student travel grants to attend conferences:

A proposal was made to provide travel grants for students to attend microbiology conferences and present their research. The attendees discussed the proposal and agreed that it would be beneficial for the students. The proposal was approved, and the department head were instructed to work out the details and report back to the attendees.

Any other business:

No other business was raised by the attendees.

Conclusion:

The chair thanked the attendees for their participation, and the meeting was adjourned. The attendees left with a renewed sense of purpose and commitment to advancing the field of microbiology through their research, teaching, and service.

Dr. Deepti Khare

Coordinator, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Coordinator, Department of Micro Biology

Dr. Sanjay Vyas

Chairperson, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Chairman, BOS

Govt. Holkar (Autonomous) Science College, Indore [M.P]

Department of Microbiology

Date: 25/06/2019

Attendees:

Dr. Sanjay Vyas, Chairperson

Dr. Mamta Shrivastav, Member

Dr. Sudeep Ray, Member

Mr. Vinod Gupta, Member

Dr. Shweta Hardia, Member

Dr. Anita Mukati, Member

Prof. Anuja Sharma, Member

Dr. Deepti Khare, Coordinator

Dr. Sanjay Vyas

Chairman, BoS

Department of Microbiology

Chairperson, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Govt. Holkar (Model Autonomous) Science College Indore

Dept. Of Pharmaceutical chemistry

Board of Studies 2019-20

Minutes of the Meeting

Date: **15//7/2019**

Location: Conference Hall, Department of Pharmaceutical chemistry

Attendees:

List attached

Agenda:

1. Approval of minutes from the previous meeting.
2. Report on course evaluations and feedback from students.
3. Approval of the syllabus of two newly added courses in B.Sc. III year - Paper I and Paper II.
4. Discussion and decision on proposed changes to the curriculum for the next academic year.
5. Any other agenda with the permission of chair.

Proceedings:

Approval of minutes from the previous meeting:

The minutes from the previous meeting were reviewed and approved by all attendees without any objections.

Report on course evaluations and feedback from students:

The attendees discussed the feedback received from students on various courses. Action was taken to address the concerns and suggestions given by the students.

Approval of the syllabus of two newly added courses in B.Sc., III yr. - Paper I and Paper II:

The syllabus for two newly added courses.

Paper I **- Medicinal Chemistry -II**

In M.Sc. I sem.

MPC-102	Unit I –Partial and Absolute asymmetric synthesis.
	Unit III Ferrocene
MPC-104	Unit I IR spectra of $CHCl_3$ and CCl_4.
	Unit IV Interference in AAS.
Practical's	Lab Course I- preparations :- Aspirin, Acetanilide, Benzanilide

In M.Sc. II sem.

MPC-202 Unit V- Reimer Tiemann reaction , Fridel Craft's reaction, Cannizaro's reaction.

The meeting was adjourned with vote of thanks to chair and the members.

Dr. M. k. Dwivedi

Chairperson , Board Of Studies

PROFESSOR & HEAD
Deptt. of Pharmaceutical Chemistry
Govt. Holkar Science College
INDORE (M.P.)

Govt. Holkar(Model Autonomous) Science College Indore

Dept. Of Physics

Board of Studies 2019-20

Minutes of the Meeting

Date: **5/7/2019**

Time

Location: Conference Hall, Department of Physics

Attendees:

List attached

Agenda:

1. Approval of minutes from the previous meeting
2. Approval of Syllabus for UG and PG Classes
3. Adoption of Annual System in BSc III Year
4. Introduction of New Courses in PG Program
5. Introduction of New Courses in UG Program
6. Feedback on Proposed Changes to Syllabus
7. Faculty Development Program (FDP)
8. Proposal for Research Seed Money for Students
9. Any other business

Discussion:

Approval of minutes from the previous meeting: The attendees unanimously approved the minutes from the previous meeting, which were presented to them.

Approval of Syllabus for UG and PG Classes: The Syllabus Development Committee coordinator presented the syllabus for UG and PG classes, which was carefully considered by the attendees before being approved. This ensured that the syllabus met the academic requirements and standards of the department and would effectively prepare students for their academic and professional pursuits.

Adoption of Annual System in BSc III Year: Based on feedback from students and teachers, the attendees unanimously approved the shift from the semester system to an annual system in BSc III Year. This decision would ensure that students had sufficient time to complete an internship or project as a requirement for graduation, with access to relevant technology or equipment, and funding for travel or other necessary expenses.

Introduction of New Courses: The attendees unanimously approved the proposal to introduce two new papers, namely **"Quantum Mechanics & Spectroscopy"** and **"Solid State Physics, Semiconductor,"** for B.Sc. III year in the UG program. The introduction of these courses would offer students additional chances to improve their academic and professional abilities while staying up-to-date with the latest developments in their field of study. The PG program would also benefit from these new courses, providing students with a more comprehensive and relevant education.

Feedback on Proposed Changes to Syllabus: The attendees were given the opportunity to provide feedback on the proposed changes to the syllabus for UG and PG classes. The constructive feedback and suggestions provided would be taken into consideration by the syllabus development committee, who would then review the syllabus to incorporate the suggestions and finalize it.

Faculty Development Program (FDP): The attendees unanimously approved the proposal for FDPs for faculty. This would provide them with opportunities to enhance their academic and professional skills and stay up-to-date with the latest trends and developments in their field of study.

Proposal for Research Seed Money for Students: The proposal for providing research seed money for students was discussed and approved. This would promote research awareness among students and provide them with opportunities to conduct research projects.

Any Other Business: No other business was raised by the attendees.

In conclusion, the meeting was successful in approving important academic and professional measures, and ensuring that students, faculty, and staff were up-to-date with the latest developments in the department.

Coordinator, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Chairperson, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Govt. Holkar(Model Autonomous) Science College Indore

Dept. Of Seed Technology

Board of Studies 2019-20

Minutes of the Meeting

Date:6/07/2019

Time: 1.30 pm

Location: Conference Hall, Department of Seed Technology

Attendees:

List attached

Agenda:

, seed technology, horticulture, geography

1. Approval of minutes from the previous meeting.
2. Report on course evaluations and feedback from students.
3. Approval of the syllabus of two newly added course in B.Sc,IIIyr
4. Discussion and decision on proposed changes to the curriculum for the next academic year.
5. Discussion and decision on new courses and course content for the next academic year.
6. .

Proceedings:

Approval of minutes from the previous meeting:

The minutes of the previous meeting were approved after a brief discussion.

Report on course evaluations and feedback from students:

Dr. Dharmendra Jat presented a report on the course evaluations and feedback received from the students. Members discussed the feedback and suggested improvements in the courses.

Approval of the syllabus of two newly added courses in B.Sc, III yr –

Paper I **Seed Pathology & Entomology**

and Paper II**: Seed Processing, Storage & Marketing**

The syllabus of two newly added courses in B.Sc., II yr - Paper I and Paper II was presented by Dr. Govind . Members discussed the syllabus in detail and approved it.

Discussion and decision on proposed changes to the curriculum for the next academic year:

The proposed changes to the curriculum for the next academic year were presented by Dr.Ashok. Members discussed the changes and suggested modifications. It was decided to implement the changes with necessary modifications.

Discussion and decision on new courses and course content for the next academic year:

Dr. Dharmendra presented a proposal for new courses and course content for the next academic year. Members discussed the proposal and suggested changes. It was decided to approve the proposal with necessary modifications.

Conclusion:

The meeting concluded with a vote of thanks to the chairperson and all the members for their valuable inputs and suggestions.

विभागाध्यक्ष
सीड टेक्नोलॉजी विभाग
शा. होलकर विज्ञान महाविद्यालय,
इंदौर (म.प्र.)

Minutes recorded by:

[Dr. Dharmendra Jat]

Coordinator , Department of Seed Technology

Coordinator, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Chairperson, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

सत्र 2019-2020

Department of Statistics
Holkar Science College, Indore

सांख्यिकी अध्ययन मंडल परिषद् की बैठक आज दिनांक 12-07-2019 को विभाग में आयोजित की गई। बैठक में निम्न सदस्य उपस्थित हुए।

1. डा० प्रवीण गुप्ता (Subject Expert) 12/7/19
(विभागाध्यक्ष, सांख्यिकी विक्रम विवि. उज्जैन)

2. डा० शक्ति बेनर्जी (Subject Expert)
(विभागाध्यक्ष, सांख्यिकी, दे. अ. वि. वि., इन्दौर)

3. प्रो० के. की. राजोले (Subject Expert) 12.7.19
(सेवा निवृत विभागाध्यक्ष, सांख्यिकी H.S.C. इन्दौर)

4. प्रो. मंगला चौरागढ़े (Chairperson) 12.07.19
(विभागाध्यक्ष, सांख्यिकी, हो. वि. मध्य वि., इन्दौर)

5. डा. रश्मि अवाड (सदस्य) 12/07/19
(अतिथि विद्वान, सांख्यिकी, हो. वि. मध्य वि., इन्दौर)

6. डा. उन्नति भायरे (सदस्य) 12/07/19
(अतिथि विद्वान, सांख्यिकी, हो. वि. मध्य वि., इन्दौर)

7. डा. रेखा वर्मा (सदस्य) 12/07/19
(अतिथि विद्वान, अर्थशास्त्र, हो. वि. मध्य वि., इन्दौर)

बैठक में निर्णय निम्नानुसार लिये गये -

Department of Statistics
Holkar Science College, Indore

1. उच्च शिक्षा विभाग मध्यप्रदेश सरकार की वार्षिक स्नातक पाठ्यक्रम दोहरी प्रश्न पत्र प्रणाली के तहत केन्द्रीय अध्ययन मंडल से अनुशंसित बी.एससी. पाठ्यक्रम को सत्र 2019-2020 में यथावत् लागू करने की अनुशंसा की गई है।

2. स्नातक स्तर पर बी.एससी. तृतीय वर्ष के अन्तर्गत सत्र 2019-20 से वार्षिक दोहरी प्रश्न-पत्र प्रणाली लागू की गई।

3. बी.एससी. पाठ्यक्रम में प्रथम प्रश्न-पत्र के अन्तर्गत सैद्धांतिक प्रश्न पत्र के अधिकतम अंक 40 एवं उत्तीर्णांक 14 तथा तिमाही व छः माही परीक्षा के पूर्णांक 10 अंक होंगें। प्रथम प्रश्न पत्र के कुल अंक 50 [सैद्धांतिक + तिमाही, छः माही] होंगे।

4. इसी प्रकार बी.एससी. पाठ्यक्रम में द्वितीय प्रश्न पत्र के अन्तर्गत सैद्धांतिक प्रश्न पत्र के अधिकतम अंक 40 एवं उत्तीर्णांक 14 तथा तिमाही व छः माही परीक्षा के पूर्णांक 10 अंक होंगे। द्वितीय प्रश्न पत्र के कुल अंक 50 [सैद्धांतिक + तिमाही, छः माही] होंगे।

5. प्रायोगिक परीक्षा [Practical Exam.] दोनों प्रश्न पत्रों की एक ही होगी। कुल अंक 50 होंगें।

6. इस प्रकार कुल प्रश्न पत्र [दो] + प्रायोगिक मिलाकर 150 अंक पूर्णांक होंगें।

7. स्नातकोत्तर पाठ्यक्रमों की संक्षिप्त समीक्षा की गई। प्रथम, द्वितीय, तृतीय एवं चतुर्थ सेमेस्टर में CBCS पद्धति से पढ़ाया जा रहा है।

8. CBCS पद्धति में M.Sc. तृतीय सेमेस्टर में एक पेपर Open Elective का पाठ्यक्रम पिछले वर्षों से पढ़ाया जा रहा है। इसे अन्य विषयों में स्नातकोत्तर स्तर के तृतीय सेमेस्टर के विद्यार्थियों को पढ़ाया जाता है।

09. CBCS पद्धति में एम.एससी. प्रथम सेमेस्टर में प्रथम प्रश्न पत्र Linear Algebra के स्थान पर Real Analysis पढ़ाने की अनुशंसा की गई।

10. CBCS पद्धति में M.Sc. द्वितीय सेमेस्टर में प्रथम प्रश्न पत्र Real Analysis के स्थान पर Linear Algebra पढ़ाने की अनुशंसा की गई।

11. सभी विशेषज्ञों के अभिमत से यह चर्चा हुई कि इस वर्ष 2019-2020 में केन्द्रीय अध्ययन मंडल द्वारा बी.एससी. प्रथम वर्ष में नये पाठ्यक्रम को अगर लागू किया जाता है तो उसी पाठ्यक्रम को इस वर्ष 19-20 में यथावत लागू किया जायेगा।

12. सभी विशेषज्ञों के अभिमत से छात्रहित में पुनरीक्षित पाठ्यक्रमों के शैक्षणिक वर्ष

2019-2020 के लिए पढ़ाये जाने की अनुशंसा की गई।

13. बैठक में प्रत्येक प्रश्न पत्रों के पाठ्यक्रमों पर विस्तृत चर्चा के उपरान्त विशेषज्ञों द्वारा सुझाव एवं परिवर्तन कर, पाठ्यक्रमों का अनुमोदन किया गया एवं सुधारों को समीचीन किया गया।

14. विभागाध्यक्ष द्वारा अध्ययन परिषद में आमंत्रित महानुभावों को धन्यवाद देकर मीटिंग समाप्त की गई।

12.7.19

12.7.19

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12/07/2019

Govt. Holkar(Model Autonomous) Science College Indore

Dept. Of Zoology

Board of Studies 2019-20

Minutes of the Meeting

Date: **25/05/2019**

Time

Location: Conference Hall, Department of Zoology

Attendees:

List attached

Agenda:

1. Approval of minutes from the previous meeting
2. Approval of Syllabus for UG and PG Classes
3. Adoption of Annual System in BSc III Year
4. Introduction of New Courses in PG Program
5. Introduction of New Courses in UG Program
6. Feedback on Proposed Changes to Syllabus
7. Faculty Development Program (FDP)
8. Proposal for Research Seed Money for Students
9. Any other business

Discussion:

Approval of minutes from the previous meeting: The attendees unanimously approved the minutes from the previous meeting, which were presented to them.

Approval of Syllabus for UG and PG Classes: The Syllabus Development Committee coordinator presented the syllabus for UG and PG classes, which was carefully considered by the attendees before being approved. This ensured that the syllabus met the academic requirements and standards of the department and would effectively prepare students for their academic and professional pursuits.

Adoption of Annual System in BSc III Year: Based on feedback from students and teachers, the attendees unanimously approved the shift from the semester system to an annual system in BSc III Year. This decision would ensure that students had sufficient time to complete an internship or project as a requirement for graduation, with access to relevant technology or equipment, and funding for travel or other necessary expenses.

Introduction of New Courses: The attendees unanimously approved the proposal to introduce two new papers, namely " **Genetics"** and " **Ecology and Applied Zoology,"** for B.Sc. III year in the UG program. The introduction of these courses would offer students additional chances to improve their academic and professional abilities while staying up-to-date with the latest developments in their field of study. The PG program would also benefit from these new courses, providing students with a more comprehensive and relevant education.

Feedback on Proposed Changes to Syllabus: The attendees were given the opportunity to provide feedback on the proposed changes to the syllabus for UG and PG classes. The constructive feedback and suggestions provided would be taken into consideration by the syllabus development committee, who would then review the syllabus to incorporate the suggestions and finalize it.

Faculty Development Program (FDP): The attendees unanimously approved the proposal for FDPs for faculty. This would provide them with opportunities to enhance their academic and professional skills and stay up-to-date with the latest trends and developments in their field of study.

Proposal for Research Seed Money for Students: The proposal for providing research seed money for students was discussed and approved. This would promote research awareness among students and provide them with opportunities to conduct research projects.

Any Other Business: No other business was raised by the attendees.

In conclusion, the meeting was successful in approving important academic and professional measures, and ensuring that students, faculty, and staff were up-to-date with the latest developments in the department.

Coordinator, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Chairperson, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

2020-2021

Govt. Holkar(Model Autonomous) Science College Indore

Dept. Of Biochemistry

Board of Studies 2020 -21

Minutes of the Meeting

Date: **21/11/2020**

Location: Conference Hall, Department of Biochemistry

Attendees: List attached

Agenda

1. Approval of implementation of Outcome-based Education in UG & PG
2. Approval for blended teaching method
3. Approval of action taken on feedback of stakeholders
4. Approval of syllabus for UG and PG classes
5. Approval of Value-added courses
6. Approval for FDP
7. Any other business

Proceedings:

The Board of Studies in Biochemistry held a meeting on 14/7/2020 to discuss several matters related to undergraduate and postgraduate programs. The meeting was chaired by Dr. Angurbala Bafna and attended by the members listed in the attached attendance sheet.

Agenda Item 1: Implementation of Outcome-based Education (OBE) in UG and PG

The chairperson informed the members that the college has decided to implement OBE from the academic year 2020-21 in the Academic Council meeting and IQAC meeting. The Department of Biochemistry has also decided to adopt this program in its departmental meeting. The members unanimously approved the proposal.

Agenda Item 2: Approval for Blended teaching method

Prof. Rangwala briefed the committee on the blended teaching method currently used in the department due to the pandemic. The department sought the approval of the Board of Studies for blended teaching methods. The members unanimously approved the proposal.

Agenda Item 3: Approval of action taken on feedback of stakeholders

The internal committee reviewed the feedback (stakeholder) received from the IQAC (and provided suggestions on how to address the identified areas of improvement. The committee members reviewed the feedback and approved measures to address the identified areas of improvement. The members also recommended various student-centric initiatives.

Agenda Item 4: Approval of syllabus for UG and PG classes

The committee decided to maintain the current syllabus for the upcoming academic year and revisit the matter once the National Education Policy (NEP) was implemented and a new syllabus was developed. Following PG Course had been introduced:

New course:

1. Applied Clinical Biochemistry (BC-42)
2. Environmental Biochemistry (BC-44-B)

Agenda Item 5: Approval of Value-added courses

The committee approved the proposed value-added course "Application of Statistics in Biosciences" for 30 hours. The syllabus of the course was approved, and it will be conducted online.

Agenda Item 6: Approval for FDP

The members approved the implementation of a Faculty Development Program (FDP) aimed at enhancing the skills and knowledge of faculty members.

There was no other business to discuss, and the meeting was adjourned with a vote of thanks to the chair.

Respectfully submitted,

Coordinator, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

[Prof. Sheetal Uikey]
Coordinator, Board of Studies in Biochemistry

Chairperson, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Govt. Holkar(Model Autonomous) Science College Indore

Dept. Of Bio- Informatics

Board of Studies 2020 -21

Minutes of the Meeting

Date: **23/11/2020**

Location: Conference Hall, Department of Bio- Technology

Attendees: List attached

Agenda

1. Approval of implementation of Outcome-based Education in UG & PG
2. Approval for blended teaching method
3. Approval of action taken on feedback of stakeholders
4. Approval of syllabus for UG and PG classes
5. Approval for FDP
6. Any other business

Proceedings:

On 14/7/2020, the Department of Bio-Technology held a meeting in the Conference Hall to discuss several matters related to undergraduate and postgraduate programs. Dr. Billore chaired the meeting, and the attendance sheet lists the names of the members present.

Agenda Item 1: Implementation of Outcome-based Education (OBE) in UG and PG

The chairperson informed the members that the college has decided to implement OBE from the academic year 2020-21 in the Academic Council meeting and IQAC meeting. The Department of Bio-Technology has also decided to adopt this program in its departmental meeting. The members unanimously approved the proposal.

Agenda Item 2: Approval for Blended Teaching Method

Due to the pandemic, Dr. Sharma briefed the committee on the blended teaching method currently used in the department. The department sought the approval of the Board of Studies for blended teaching methods. The members unanimously approved the proposal.

Agenda Item 3: Approval of Action Taken on Feedback of Stakeholders

The internal committee reviewed the feedback received from the IQAC and provided suggestions on how to address the identified areas of improvement. The committee members reviewed the feedback and approved measures to address the identified areas of improvement. The members also recommended various student-centric initiatives.

Agenda Item 4: Approval of Syllabus for UG and PG Classes

The committee decided to maintain the current syllabus for the upcoming academic year and revisit the matter once the National Education Policy (NEP) was implemented and a new syllabus was developed.

Agenda Item 5: Approval for Faculty Development Program (FDP)

The members approved the implementation of a Faculty Development Program (FDP) aimed at enhancing the skills and knowledge of faculty members.

The meeting concluded with a vote of thanks to the chair.

Coordinator, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Chairperson, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Govt. Holkar(Model Autonomous) Science College Indore

Dept. Of Bio- Technology

Board of Studies 2020 -21

Minutes of the Meeting

Date: **23/11/2020**

Location: Conference Hall, Department of Bio- Technology

Attendees: List attached

Agenda

1. Approval of implementation of Outcome-based Education in UG & PG
2. Approval for blended teaching method
3. Approval of action taken on feedback of stakeholders
4. Approval of syllabus for UG and PG classes
5. Approval of Value-Added Course:
6. Approval for FDP
7. Any other business

Proceedings:

On 14/7/2020, the Department of Bio-Technology held a meeting in the Conference Hall to discuss several matters related to undergraduate and postgraduate programs. Dr. K. Billore chaired the meeting, and the attendance sheet lists the names of the members present.

Agenda Item 1: Implementation of Outcome-based Education (OBE) in UG and PG

The chairperson informed the members that the college has decided to implement OBE from the academic year 2020-21 in the Academic Council meeting and IQAC meeting. The Department of Bio-Technology has also decided to adopt this program in its departmental meeting. The members unanimously approved the proposal.

Agenda Item 2: Approval for Blended Teaching Method

Due to the pandemic, Dr. Sharma briefed the committee on the blended teaching method currently used in the department. The department sought the approval of the Board of Studies for blended teaching methods. The members unanimously approved the proposal.

Agenda Item 3: Approval of Action Taken on Feedback of Stakeholders

The internal committee reviewed the feedback received from the IQAC and provided suggestions on how to address the identified areas of improvement. The committee members reviewed the feedback and approved measures to address the identified areas of improvement. The members also recommended various student-centric initiatives.

Agenda Item 4: Approval of Syllabus for UG and PG Classes

The committee decided to maintain the current syllabus for the upcoming academic year and revisit the matter once the National Education Policy (NEP) was implemented and a new syllabus was developed.

Agenda Item 5: Approval of Value-Added Course:

The Department of Biotechnology is delighted to announce the launch of a new value-added course titled "Molecular and Computational Biology ". The course aims to provide students with the knowledge and skills of Molecular and Computational Biology. It is open to all students interested in pursuing a career in Molecular and Computational Biology. The program will be conducted by experienced faculty members who are experts in Molecular and Computational Biology

Agenda Item 6: Approval for Faculty Development Program (FDP)

The members approved the implementation of a Faculty Development Program (FDP) aimed at enhancing the skills and knowledge of faculty members.

The meeting concluded with a vote of thanks to the chair.

Coordinator, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Chairperson, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Govt. Holkar (Model Autonomous) Science College Indore

Department of Botany

Board of Studies 2020-21

Minutes of the Meeting

Date: 23/11/2020 time : 2.00 pm

Location: Conference Hall, Department of Botany

Attendees:

List attached

Proceeding

The Board of Studies in Botany held a meeting on 14/7/2020 to discuss various matters related to the undergraduate and postgraduate programs. The following decisions were made:

Approval of Minutes from the Previous Meeting: The chair called the meeting to order and asked the attendees to approve the minutes of the previous meeting. The minutes were reviewed, and there were no objections. The attendees approved the minutes without any changes.

Implementation of Outcome-based Education (OBE) in UG and PG: Dr. Pahare proposed the implementation of Outcome-based Education (OBE) in the undergraduate and postgraduate programs. He informed the committee that the college had decided to adopt the OBE program from the academic year 2020-21 during the Academic Council and Internal Quality Assurance Cell meetings. The Department of Botany also agreed to implement this program in its departmental meeting. Dr. Pahare proposed the adoption of OBE in the undergraduate and postgraduate programs, which was approved by the committee. The Department of Botany established Program Outcomes (POs) and Course Outcomes (COs) based on Blooms Taxonomy, which were approved by a curriculum committee.

Approval for blended teaching method: Dr. Priti Chaturvedi informed the BoS that due to the pandemic, the teachers had to resort to online teaching through Google Classroom, which

allowed them to complete the remaining syllabus effectively. Currently, the department is using the blended mode of teaching, as it has been successfully adapted at the global level. The department sought approval for blended teaching methods, and the committee approved the proposal unanimously after a discussion on the pros and cons of blended mode.

Approval of action taken on feedback of stakeholders: The BoS was informed by Dr. Sharma about the feedback sent by the IQAC on teaching-learning, infrastructure, and other activities. The feedback highlighted certain areas that required improvement to enhance the quality of education being provided by the department.

The internal committee of the department reviewed the feedback and provided suggestions on how to address the identified areas of improvement. The suggestions were presented by Dr. Gupta during the meeting, and the committee members shared their thoughts on the proposed measures. The committee reviewed the feedback from IQAC and approved measures to address the identified areas of improvement, including steps to improve teaching quality, student performance evaluation, and faculty development. The committee also recommended various student-centric initiatives.

Approval of Syllabus for UG and PG Classes: After a detailed discussion, the committee members decided to maintain the current syllabus for the upcoming academic year, with minor updates based on the feedback received from faculty and students. The committee also decided to revisit the matter once the National Education Policy (NEP) was implemented and a new syllabus was developed. Following PG course had been introduce:

New course: Applied Botany (Z-44-C)

Approval of Value-Added Course: The Department of Botany is delighted to announce the launch of a new value-added course titled "Nursery Management of Medicinal Plants". The course aims to provide students with the knowledge and skills to propagate and manage medicinal plants in nurseries. The course will cover topics such as nursery site selection, soil preparation, propagation techniques, irrigation, pest and disease management, and marketing of medicinal plants. It is open to all students interested in pursuing a career in medicinal plant cultivation, research, or related fields. The program will be conducted by experienced faculty members who are experts in the cultivation and management of medicinal plants. Upon

completion of the course, students will be equipped with the necessary skills to start and manage their own medicinal plant nurseries. The committee believes that this course will be beneficial for all students who are interested in contributing to the conservation and sustainable use of medicinal plants.

Approval for Faculty Development Program (FDP): The attendees discussed the need for training sessions for faculty members on the latest teaching techniques and methods. After a detailed discussion, it was decided to conduct a training session for the faculty members on the latest teaching techniques and methods.

Any Other Business:

There was no other business to discuss.

The meeting was adjourned with a vote of thanks to the chair.

Respectfully submitted,

[Dr ---------]

Coordinator , Board of Studies, Botany.

Coordinator, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Chairperson, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Govt. Holkar (Model Autonomous) Science College Indore

Department of Chemistry

Board of Studies 2020-21

Minutes of the Meeting

Date: 17/12/2020 time : 2.00 pm

Location: Conference Hall, Department of Chemistry

Attendees: List attached

Agenda

1. Approval of minutes from the previous meeting
2. Approval of implementation of Outcome based Education in UG & PG
3. Approval for blended teaching method.
4. Approval of action taken on feedback of stakeholders.
5. Approval of syllabus for UG and PG classes.
6. Approval of Value-added course.
7. Approval for FDP.
8. Any other business

Proceedings

The Board of Studies in Chemistry held a meeting on 17/12/2020 to discuss various matters related to the undergraduate and postgraduate programs. The following decisions were made:

Approval of Minutes from the Previous Meeting: The chair called the meeting to order and asked the attendees to approve the minutes of the previous meeting. The minutes were reviewed, and there were no objections. The attendees approved the minutes without any changes.

Implementation of Outcome-based Education (OBE) in UG and PG: Dr. Rai proposed the implementation of Outcome-based Education (OBE) in the undergraduate and postgraduate programs. The department agreed to implement this program in its departmental meeting. The adoption of OBE in the undergraduate and postgraduate programs was approved by the committee. The Department of Chemistry established Program Outcomes (POs) and Course

Outcomes (COs) based on Blooms Taxonomy, which were approved by a curriculum committee.

Approval for blended teaching method: Dr. Jain informed the BoS that due to the pandemic, the teachers had to resort to online teaching through Google Classroom, which allowed them to complete the remaining syllabus effectively. Currently, the department is using the blended mode of teaching, and the committee approved the proposal unanimously after a discussion on the pros and cons of blended mode.

Approval of action taken on feedback of stakeholders: Dr. Gandhe informed the BoS about the feedback sent by the IQAC on teaching-learning, infrastructure, and other activities. The committee reviewed the feedback from IQAC and approved measures to address the identified areas of improvement, including steps to improve teaching quality, student performance evaluation, and faculty development. The committee also recommended various student-centric initiatives.

Approval of syllabus for UG and PG classes: The committee decided to maintain the current syllabus for the upcoming academic year and revisit the matter once the National Education Policy (NEP-2020) is implemented and a new syllabus is developed according to its guidelines.

Approval of Value-added course: The Department of Chemistry announced the launch of a new value-added course titled "Analytical Aspects of Chemistry for Industry." The course is designed to provide students with a comprehensive understanding of the analytical techniques and methods used in the chemical industry for the analysis of various substances.

Approval for FDP: The committee approved the implementation of a Faculty Development Program (FDP) aimed at enhancing the skills and knowledge of our faculty members.

Other business: Discussions pertaining to online mode of curriculum delivery and other activities owing to COVID-19 pandemic was fruitful. It was also discussed that if pandemic conditions improve, then blended mode of teaching will be followed. The meeting was adjourned with a vote of thanks to the chair.

Respectfully submitted,

[Dr. Aparna Gandhe]

Coordinator, Board of Studies, Chemistry

Coordinator, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Chairperson, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Govt. Holkar (Model Autonomous) Science College Indore

Department of Computer Science

Board of Studies 2020-21

Minutes of the Meeting

Date: 14/12/2020 time: 2.00 pm

Location: Seminar Hall, Department of Computer Science

Attendees:

List attached

Agenda

1. Approval of minutes from the previous meeting
2. Approval of implementation of Outcome based Education in UG & PG
3. Approval for blended teaching method.
4. Approval of action taken on feedback of stakeholders.
5. Approval of syllabus for UG and PG classes.
6. Approval of Value added course.
7. Approval for FDP
8. Any other business

Proceedings

The Board of Studies in Computer Science held a meeting on 14/12/2020 to discuss various matters related to the undergraduate and postgraduate programs. The following decisions were made:

Approval of Minutes from the Previous Meeting: The chair called the meeting to order and asked the attendees to approve the minutes of the previous meeting. The minutes were reviewed, and there were no objections. The attendees approved the minutes without any changes.

Implementation of Outcome-based Education (OBE) in UG and PG: Prof. Sarita Sharma proposed the implementation of Outcome-based Education (OBE) in the undergraduate and postgraduate programs. The department agreed to implement this program in its departmental meeting. The adoption of OBE in the undergraduate and postgraduate programs was approved by the committee. The Department of Computer Science established Program Outcomes (POs) and

Course Outcomes (COS) based on Blooms Taxonomy, which were approved by a curriculum committee.

Approval for blended teaching method: Dr. Pradeep Sharma informed the BoS that due to the pandemic, the teachers had to resort to online teaching through Google Classroom, which allowed them to complete the remaining syllabus effectively. Currently, the department is using the blended mode of teaching, and the committee approved the proposal unanimously after a discussion on the pros and cons of blended mode.

Approval of action taken on feedback of stakeholders: Prof. Manish Singh informed the BoS about the feedback sent by the IQAC on teaching-learning, infrastructure, and other activities. The committee reviewed the feedback from IQAC and approved measures to address the identified areas of improvement, including steps to improve teaching quality, student performance evaluation, and faculty development. The committee also recommended various students- centric initiatives.

Approval of syllabus for UG and PG classes. The committee decided to maintain the current syllabus for the upcoming academic year and revisit the matter once the National Education: Policy (NEP) was implemented and a new syllabus was developed,

Approval of Value-added course: The Department of Computer Science announced the launch of a new value-added course titled "Web Development." The course is designed to provide students with a comprehensive understanding of the Web based techniques and methods used in the designing of web sites.

Approval for FDP: The committee approved the implementation of a Faculty Development Program (FDP) aimed at enhancing the skills and knowledge of our faculty members.

There was no other business to discuss, and the meeting was adjourned with a vote of thanks to the chair.

Mr. Manish Singh

Coordinator BoS, Computer Science

Coordinator, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Dr. Pradeep Sharma

Chairman BoS, Computer Science

Chairperson, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Formation of Board of Studies of Computer Science

(As per Annexure - V of UGC Autonomy Guidelines)

For *Academic Year: 2020-2021*

Attendance and Minutes

Board of studies meeting of Computer Science subjects is organized on online (google meet platform) in the Department of Computer Science at **2:00 PM** on **14-Dec-2020** for approving the Syllabus of B.C.A., B.Sc., M.Sc. (Computer Science) and Syllabus of M.Phil. (Computer Science) for the students who are taking admission in 2020-21 *and* onwards. Following Persons are the members of Board of studies:-

1. **Chairman Board of Studies-** Head, Department of computer Science
2. **Member-**
   (i)The entire Faculty Member of Department of Computer Science
   (ii) Dr. Preeti Saxena, Associate Professor, School of Computer Science & IT, Indore
   (iii) Dr. Priyesh Kanungo, Sr. System Engineer, School of Computer Science & IT, Indore
3. Two subject Experts nominated by the academic council
   (As per letter no.558/स्था./2012 Dated 12/06/2012)
   (i) Dr. S. S. Gautam, MGCGV, Chitrakoot, Satna
   (ii) Dr. H.S. Hota, Department of Computer Sc., Atal Bihari Vajpayee Vishwavidyalaya, Bilaspur, CG-India
4. One subject Experts nominated by the Vice- Chancellor
   (As per letter no.558/स्था./2012 Dated 12/06/2012)
   (i) Dr. Umesh Kumar Singh, Institute of Computer Science, Vikaram University , Ujjain
5. One representative from industry/allied areas-
   (As per letter no.558/स्था./2012 Dated 12/06/2012)
   (i) Shri Manish Kumar, Indore
6. One post Graduate Computer Science Department meritorious alumnus
   (i) MS. Kanchan Jaitpuri

विभागाध्यक्ष
कम्प्यूटर विज्ञान विभाग
शा. होल्कर महाविद्यालय, इन्दौर

Govt. Holkar (Model, Autonomous) Science College, Indore [M.P.]
Department of Computer Science

Unanimously following decisions were taken for academic session 2020-21

1) B.Sc. I, II & III year's Computer Science syllabus approved.
2) B.C.A. I, II, III, IV, V & VI semester's Computer Application syllabus approved.
3) M.Sc. I, II, III & IV semester's Computer Science syllabus approved.
4) M.Phil. I, II, III semester's Computer Science syllabus approved.
5) B.Sc. III year student must completed internship of 60 hours.

Suggestions during BOS meeting:

1. Dr. H.S. Hota suggested that, Department should introduce optional course as certification for the PG students.
2. Dr. Umesh Singh suggested for the CBCS system which is already adopted by the department at the PG level.
3. Mr. Manish Kumar (Industrial Person) suggested that, Department should sign MOU with industry for the internship as well as placement for the students.
4. Dr. Indu Tiwari suggested that, The English department wants modification in the course of English language at BCA level.

Experts Members, Faculty Members (Name & Sig.)

S.No.	Name of Members	Signature
1	Dr. Suresh T. Silawat	
2	Dr. Pradeep Sharma	
3	Dr. H.S. Hota	Online attended
4	Dr. S. S. Gautam	"
5	Dr. U. K. Singh	"
6	Dr. Preeti Saxena	"
7	Dr. Priyesh Kanungo	"
8	Shri Manish Kumar	"
9	Dr. R. Garg	"
10	Prof. M. Chauragade	"
11	Dr. Indu Tiwari	X
12	Dr. Manorama Agrawal	"
13	Dr. Shivlal Mewada	"
14	Mr. Manish Singh	
15	Mr. Manohar Raksha	14/12/2020
16	Ms. Jaya Sharma	
17	Mr. Dheeraj Sharma	
18	Mr. Ravi Pathariya	
19	Mr. Yougal K Sharma	Present. R Pathariya
20	Ms. Priyanaka Agiwal	N Diwan
21	Mr. Sanjay Bhumarkar	
22	Ms. Payal Jain	
23	Ms. Pooja ~~Parmar~~ Rathore	
24	Ms. Aarti Shrivastava	
25	Ms. Jaya Vanpure	
26	Ms. Harsh Paliwal	
27	Ms. Dipti Dubey	
28	Ms. Divya Rathod	
29	Ms. Bhawana Bhadkare	Rathod 15/12/2020
30	Ms. Sapana Kaneria	
31	Ms. Mrinalini Jadhav	
32	Ms. Sarita Sharma	
33	Ms. Gazala Parveen	
34	Ms. Dipika Mandwaliya	
35	Ms. Bhagyashree Pathak	
36	Ms. Kanchan Jaitpuri	Online attended

For kind approval of Principal Govt. Govt. Holkar Science College, Indore

Approved by Principal .....

Head
Department of Computer Science

सत्र - 2020-2021

अर्थशास्त्र अध्ययन मंडल परिषद की बैठक आज दिनांक 01-02-2021 को सांख्यिकी-विभाग में आयोजित की गई। बैठक में निम्न सदस्य उपस्थित हुए।

1. डॉ० अरुणा कुसुमाकर (Subject Expert) 1.2.21
(प्राध्यापक, अर्थशास्त्र, संस्कृत महा वि., इन्दौर)

2. डॉ० सरोज अजय (Subject-Expert) S. Ajay 01-02-21
(प्राध्यापक, अर्थशास्त्र, GACC, इन्दौर)

3. डॉ० अलका जैन (Subject Expert) 01.02.21
(प्राध्यापक, अर्थशास्त्र, GACC, इन्दौर)

4. प्रो० मंगला चौरागढ़े (Chairperson) 01.02.2021
(विभागाध्यक्ष, सांख्यिकी एवं अर्थशास्त्र, हो.वि.महावि. इन्दौर)

5. प्रो० दिव्या त्रिवेदी (सदस्य)
(Visiting Faculty, Economics, हो.वि.महा वि. इन्दौर)

6. प्रो० कुनिका तिवारी (सदस्य)
(Visiting Faculty, statistics, हो.वि.महावि.इन्दौर)

7. प्रो० रीटा कुमावत (सदस्य) 01/02/21
(Visiting Faculty, statistics)

8. प्रो० दर्शिनी चौरसिया (सदस्य) 01/02/2021
(Visiting Faculty statistics)

9. प्रो० सुरभि धोड़की (सदस्य) 01/02/21
(Visiting Faculty statistics)

उच्च-शिक्षा विभाग, मध्यप्रदेश सरकार की वार्षिक स्नातक पाठ्यक्रम दोहरी प्रश्न-पत्र प्रणाली के तहत केन्द्रीय अध्ययन मंडल से अनुशंसित और मध्यप्रदेश के राज्यपाल द्वारा अनुमोदित बी० ए० प्रथम, द्वितीय एवं तृतीय वर्ष के पाठ्यक्रम को बी०एससी० प्रथम, द्वितीय एवम् तृतीय वर्ष में सत्र 2020-2021 में यथावत् लागू करने की अनुशंसा की गई है

बी० ए० के पाठ्यक्रम को बी०एससी० में प्रथम प्रश्न पत्र के अन्तर्गत सैद्धांतिक प्रश्न-पत्र के अधिकतम अंक 40 एवं तिमाही एवं छः माही परीक्षा के पूर्णांक 10 अंक होंगे। प्रथम प्रश्न-पत्र के कुल अंक 50 [सैद्धांतिक + तिमाही, छः माही] होंगे।

इसी प्रकार बी० ए० के पाठ्यक्रम को बी० में द्वितीय प्रश्न-पत्र के अन्तर्गत सैद्धांतिक प्रश्न-पत्र के अधिकतम अंक 40 एवं तिमाही एवं छः माही परीक्षा के पूर्णांक 10 अंक होंगे। द्वितीय प्रश्न-पत्र के कुल अंक 50 [सैद्धांतिक + तिमाही, छः माही] होंगे।

सभी विशेषज्ञों के अभिमत से छात्रहित में पुनरीक्षित पाठ्यक्रमों को शैक्षणिक वर्ष 2020-2021 के लिए पढ़ाये जाने की अनुशंसा की गई।

विभागाध्यक्ष द्वारा अध्ययन परिषद् में आमंत्रित महानुभावों को धन्यवाद देकर मीटिंग समाप्त की गई।

(I) Dr. Vasvi Ajay — S. Ajay 01-02-21

(II) Dr. Alka Jain — Alka Jain 1.2.21

(III) Dr. ARUNA KUSUMAKAR — Aruna 1.2.21

(IV) M. Chauragade — M.C 1.2.21

Rita Kumawat — 01/02/21

Swibhi Khodki — Khodki 01/02/21

KUNIKA TIWARI — Kunika 01/02/2021

Harshini Chamasiya — 01/02/2021

Divya Trivedi

Govt. Holkar(Model Autonomous) Science College Indore

Dept. Of Electronics

Board of Studies 2020-21

Minutes of the Meeting

Date:02/12/2020

Time: 3.30 pm

Location: Department of Electronics

Attendees:

List attached

Agenda:

1. Approval of minutes from the previous meeting.
2. Report on course evaluations and feedback from students.
3. Approval of the syllabus of course in B.Sc. electronics under Graduate program.
4. Discussion and decision on proposed changes to the curriculum for the next academic year.
5. Discussion and decision on new courses and course content for the next academic year.

Proceedings:

Approval of minutes from the previous meeting:

The minutes of the previous meeting were reviewed and approved without any objections.

Report on course evaluations and feedback from students:

A report on course evaluations and feedback received from the students was presented. Members discussed the feedback and suggested improvements in the courses.

- **Approval of the syllabus in B.Sc. I Year**

Paper I: Basice of Semiconductors & Devices

Paper II: Electronics Circuits &Fundamentals of Digital Electronics.

Practical Course

- **Approval of the syllabus in B.Sc. II Year**

Paper I: Digital Electronics and Microprocessor.

Paper II: Operational Amplifier and Instrumentation.

Practical Course

- **Approval of the syllabus in B.Sc. III Year**

Paper I: Thyristors, IC technology, Microprocessor & Electrical Motors

Paper II: Communication Electronics.

Practical Course

The syllabus for courses in B.Sc. I, II, III yr. – Paper I and Paper II was presented. Members reviewed the syllabus, made a few suggestions, and approved it.

Discussion and decision on proposed changes to the curriculum for the next academic year:

Proposed minor changes to the curriculum for the next academic year were presented. Members discussed the modification with following note.

Because of the pandemic covid -19 the Syllabus approved without modification.

Conclusion:

The meeting was adjourned with a vote of thanks to the chairperson and all the members for their valuable inputs and suggestions.

Minutes recorded by:

Coordinator
Coordinator, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Chairman
Chairperson, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Govt. Holkar (Model Autonomous) Science College Indore

Dept. Of Forensic Science

Board of Studies 2020 -21

Date: 23/11/2020

Location: Conference Hall, Department of Forensic Science

Attendees: List attached

Agenda

1. Approval of implementation of Outcome-based Education in UG& PG
2. Approval for blended teaching method
3. Approval of action taken on feedback of stakeholders
4. Approval of syllabus for UG and PG classes
5. Approval of Value-added course
6. Approval for Faculty Development Program (FDP)
7. Any other business

Proceedings

Approval of implementation of Outcome-based Education in UG& PG The committee discussed the implementation of Outcome-based Education (OBE) in the undergraduate and postgraduate programs. It was proposed that the department establish Program Outcomes (POs) and Course Outcomes (COs) based on Blooms Taxonomy. These outcomes were reviewed and approved by the curriculum committee to ensure effective implementation of the OBE program. After a detailed discussion, the committee unanimously approved the proposal for the implementation of the OBE program in the department.

Approval for blended teaching method Due to the pandemic, the department has been using online teaching methods through Google Classroom. Professor Dr. Chourey presented the effectiveness of blended mode in teaching and sought approval from the Board of Studies (BOS) for blended teaching methods. After discussing the pros and cons of the blended mode, the committee unanimously approved the proposal.

Approval of action taken on feedback of stakeholders The committee reviewed the feedback sent by the IQAC on teaching-learning, infrastructure, and other activities. The internal committee of the department reviewed the feedback and provided suggestions to address the areas of improvement. The committee approved the proposed measures, including steps to improve overall teaching quality, student performance evaluation, and faculty development. The committee also recommended various student-centric initiatives, such as organizing regular student feedback sessions, providing counselling services, and encouraging student participation in co-curricular activities.

Approval of syllabus for UG and PG classes The committee discussed the implementation of a new syllabus for undergraduate and postgraduate courses in light of the upcoming National Education Policy (NEP). After reviewing feedback from stakeholders, the committee agreed that no changes should be proposed to the syllabus for the upcoming academic year. It was decided to maintain the current syllabus for the upcoming academic year and revisit the matter once the NEP was implemented and a new syllabus was developed.

New course: Applied Forensic Science and Scientific Investigation of Crime (FS-42)

Approval of Value-added course The committee approved a new value-added course titled "Questioned Documents" aimed at providing an in-depth understanding of handwriting and document analysis, which is a critical aspect of forensic investigations. The course will cover various topics such as handwriting identification, ink analysis, paper examination, and other document examination techniques. The program will be conducted by experienced faculty members and industry experts, who will use a combination of lectures, case studies, and practical demonstrations to provide a comprehensive understanding of the subject.

Approval for Faculty Development Program (FDP) The committee approved the implementation of a Faculty Development Program (FDP) aimed at enhancing the skills and knowledge of faculty members. The FDP will cover a wide range of topics, including teaching methodologies, research skills, pedagogy, and student engagement. The program will be conducted by experienced faculty members and industry experts who are proficient in the latest teaching and research methodologies.

Any Other Business: There was no other business to discuss.

Co-Ordinator

Coordinator, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Chairman of BoS

Chairperson, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Govt. Holkar (Model Autonomous) Science College Indore

Department of Geography

Board of Studies 2020 -21

Minutes of the Meeting

Date: 02/12/ 2020

Time: 2:00 PM

Location: Conference Hall, Department of Geology

Attendees: List attached

Agenda:

1. Approval of implementation of Outcome-based Education in UG
2. Approval for blended teaching method
3. Approval of action taken on feedback of stakeholders
4. Approval of syllabus for UG classes
5. Approval for FDP
6. Any other business

Discussion:

1. The Board discussed the implementation of Outcome-based Education (OBE) in UG programs. The members agreed to implement OBE and suggested that it should be incorporated into the syllabus. The Board also discussed the importance of continuous assessment and feedback from students in achieving the goals of OBE.

Action: The Board approved the implementation of OBE in UG programs.

2. The Board discussed the approval for blended teaching method, which combines face-to-face and online teaching. The members acknowledged the need for flexible teaching methods due to the current pandemic situation. The Board also discussed the importance of training faculty members to effectively use blended teaching methods.

Action: The Board approved the use of blended teaching method for UG programs.

3. The Board discussed the action taken on feedback of stakeholders. The members reviewed the feedback and suggested that the department should address the concerns raised by the stakeholders.

Action: The Board approved the action taken on the feedback of stakeholders.

4. The syllabus of UG in Geography presented by Dr. Roohi Ansari which was reviewed and discussed by the Board. The subject expert Dr. Venu Trivedi and members of the board suggested a few minor changes to the syllabus and discussed the need to incorporate current developments in the field of Geography.

Action: The Board approved the syllabus for UG with the suggested changes.

5. The Board discussed the approval for Faculty Development Program (FDP) for the faculty members. The members acknowledged the need for continuous learning and development of faculty members to improve the quality of education.

Action: The Board approved the FDP for the faculty members.

6. Any other business: There was no other business.

Conclusion:

The Board members discussed and approved the implementation of Outcome-based Education, blended teaching method, action taken on feedback of stakeholders, syllabus for UG classes, and Faculty Development Program. The meeting concluded by Dr. Shailesh Chaure with a vote of thanks to the chairperson, subject expert and all the members for their valuable suggestions.

The meeting was adjourned at 4:00 PM.

Minutes recorded by: Dr. Roohi Ansari

Ansari 02/12/2020

Dr. Roohi Ansari
Coordinator, BoS Geography

Coordinator, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Dr. Vishnu Gadgil
Chairperson, BoS Geography

Chairperson, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Govt. Holkar (Model Autonomous) Science College Indore

Department of Geology

Board of Studies 2020-21

Minutes of the Meeting

Date: 28/11/2020 time : 2.00 pm

Location: Conference Hall, Department of Geology

Attendees:

List attached.

Agenda

1. Approval of minutes from the previous meeting
2. Approval of implementation of Outcome-based Education in UG & PG
3. Approval for blended teaching method
4. Approval of action taken on feedback of stakeholders
5. Approval of syllabus for UG and PG classes
6. Approval of Value-added courses
7. Approval for FDP

Any other business

The Department of Geology held a meeting on 28/11/2020 to discuss various matters related to the undergraduate and postgraduate programs. The following decisions were made:

Approval of minutes from the previous meeting: The chairperson Dr.Vishnu Gadgil welcomed the attendees and asked the subject expert and other members to approve the minutes of the previous meeting that was held on 21/06/2019. The minutes were reviewed, and there were no objections. The members of BoS approved the minutes without any changes.

Approval of Implementation of Outcome-Based Education (OBE) in UG and PG: The department agreed to implement OBE in the undergraduate and postgraduate programs based on Program Outcomes (POs) and Course Outcomes (COs) developed using Bloom's Taxonomy.

Approval for Blended Teaching Method: The department sought approval for the blended mode of teaching, which was successfully adapted at the global level due to the pandemic. The subject expert Prof V. K. Parashar and committee members approved the proposal unanimously.

Approval of Action Taken on Feedback of Stakeholders: The department reviewed the feedback sent by the Internal Quality Assurance Cell (IQAC) on teaching-learning, infrastructure, and other activities. The department approved measures to address the identified areas of improvement, including steps to improve teaching quality, student performance evaluation, and faculty development.

Approval of Syllabus for UG and PG Classes: The department agreed to maintain the current syllabus for the upcoming academic year and revisit the matter once the National Education Policy (NEP) is implemented and a new syllabus is developed in line with NEP objectives. Geological field studies, industry visit, mines visit and internships with concerned geoscientific organizations are essential parts of the curriculum subject experts and other members agreed for continuing this good practice in NEP.

Approval of Value-Added Course: The department approved a new value-added course named "Fundamentals of GIS using Open-Source Software" to equip students with necessary GIS skills.

Approval for Faculty Development Program (FDP): The department decided to conduct a training session for faculty members on the latest teaching techniques and methods.

Any Other Business: : No other business was raised by the attendees.

The coordinator Dr.Shailesh Chaure, Board of studies thanked the all members for their participation, and the meeting was adjourned.

Coordinator BoS

Coordinator, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Chairperson BoS

Chairperson, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

शासकीय होल्कर विज्ञान महाविद्यालय इन्दौर (म.प्र.)
सत्र - 2020-21

हिन्दी विभाग
हिन्दी- भाषा

हिन्दी अध्ययन परिषद की बैठक 2020-21 दिनांक 24/12/2020 को अपराह्न 1.00 बजे हिन्दीविभाग की हिन्दी अध्ययन परिषद की बैठक संपन्न हुई। इसमें सर्वसम्मति से यह निर्णय लिया गया कि म. प्र. उच्चशिक्षा विभाग की केन्द्रीय अध्ययन परिषद द्वारा अनुशंसित एवं म. प्र. के महामहिम राज्यपाल द्वारा अनुमोदित बी. एस. सी. प्रथम वर्ष, बी. एस. सी. द्वितीय-वर्ष, बी. एस. सी. तृतीयवर्ष एवं बी. सी. ए. द्वितीय सेम० के पाठ्यक्रम को महाविद्यालयीन छात्र-छात्राओं के अध्ययन हेतु यथावत रखा जावे।

बी. एस. सी. प्रथम वर्ष, द्वितीयवर्ष एवं तृतीय वर्ष के हिन्दी प्रश्न-पत्र हिन्दी भाषा और नैतिक-मूल्य के लिए 40+10 CCE अंक निर्धारित है।
बी. सी. ए. द्वितीयवर्ष सेम के हिन्दी प्रश्न-पत्र हिन्दीभाषा [पाठ्य-पुस्तक -'भारतीयता के स्वर'] के लिए 40+10 CCE अंक निर्धारित है।

यह पाठ्यक्रम दोनों समूह (maths + Bio) के लिए लागू होगा।
म० प्र. शासन द्वारा पाठ्यक्रम में किया गया आंशिक परिवर्तनमान्य होगा।

बैठक में निम्न सदस्य उपस्थित रहें -

1. डॉ. मनोरमा अग्रवाल [विभागाध्यक्ष] 24/12/2020
2. श्री श्याम शर्मा [उद्योग प्रतिनिधि] 24/12/2020
3. डॉ. वंदना जैन [विषय विशेषज्ञ] 24-12-2020
4. डॉ. शशि जोशी [विषय विशेषज्ञ] 24.12.2020
5. डॉ. योगेन्द्र नाथ शुक्ल [विषय विशेषज्ञ]
6. डॉ. इन्दु तिवारी [विभागाध्यक्ष भाषा] 24.12.2020
7. डॉ. आराधना कौरव
8. श्रीमती एकता गायकवाड़ 24/12/20

9. डॉ. वन्दना चुटैल 24.12.2020
10. डॉ. तौशीफ अल्वासी 24/12/20
11. डॉ. किरण सिखेले 24.12.20
12. प्रो. भारती सिसोदिया 24.12.20
13 प्रो: सोना - सावंत 24/12/20

(1) प्रथम वर्ग के प्रत्येक छात्र की उत्तर-पत्रक का 1 मिनट
में परीक्षण किया जाए। यदि छात्र 4 गलतियाँ
करता है तो उसे अनुत्तीर्ण घोषित किया जाए।
— गलत संख्या 4

(2) यदि कोई छात्र दो बार लगातार अनुत्तीर्ण घोषित
किया जाए तो उसे कक्षा से बाहर निकाल दिया
जाए। — गलत संख्या 2

(3) द्वितीय वर्ग के प्रत्येक छात्र को 3 मिनट
में 5 गलतियाँ करने की छूट दी जाए।
— गलत संख्या 5

(4) तृतीय वर्ग के परीक्षण के लिए 4 मिनट
का समय दिया जाए। 4 से अधिक गलतियाँ
करने पर छात्र को अनुत्तीर्ण घोषित कर दिया
जाए। — गलत संख्या 4

(5) चतुर्थ वर्ग के छात्रों को 5 मिनट में
6 गलतियाँ करने की छूट दी जाए।
— गलत संख्या 6

2020-21

उत्तर- दिनांक 23/11/2020 को उत्तरांचली विभाग- में अध्ययन मंडल की बैठक का आयोजन किया गया। जिसमें निम्नलिखित विषय विशेषज्ञ एवं सदस्य उपस्थित रहे

1. ~~Dr.~~ डॉ. हीरालाल खण्डेलिया -
2. डॉ. के. एस. छिरास
3. डॉ. डी. के. मिश्रा
4. डॉ. विद्यालय पेन्नोली 23/11/2020
5. प्रो. हार्मेन्द्र भाट -
6. प्रो. ए.एल. पाटीदार
7. प्रो. आशीष भाट -
8. प्रो. अर्चना खण्डेलिया -
9. प्रो. गोविन्द भाट -
10. श्री लोकेश राठौर
11. कु. कविता दीक्षित
12 प्रो. एन. के. जैन -
13 डॉ. चिन्मया दुबे
14. डॉ० प्रीति चतुर्वेदी -

उक्त अध्ययन मंडल की बैठक में विषय विशेषज्ञ एवं सदस्यों द्वारा उत्तर-हिन्दी विभाग द्वारा आयोजित बी.एस.सी. I, II, III वर्ष के पाठ्यक्रम का अवलोकन किया गया एवं निम्न समाधान दिए गए एवं 2020-21 के पाठ्यक्रम में जोड़ा गया

(1)

Govt. Holkar(Model Autonomous) Science College Indore

Dept. Of Mathematics

Board of Studies 2020 -21

Minutes of the Meeting

Date: 24/12/2020

Location: Conference Hall, Department of Mathematics

Attendees: List attached

Agenda

1. Approval of implementation of Outcome-based Education in UG & PG
2. Approval for blended teaching method
3. Approval of action taken on feedback of stakeholders
4. Approval of syllabus for UG and PG classes
5. Any other business

Proceedings:

The Board of Studies in Mathematics held a meeting on 14/7/2020 to discuss matters related to the undergraduate and postgraduate programs. The following decisions were made:

Implementation of Outcome-based Education (OBE) in UG and PG: Dr. Dagaonkar proposed the implementation of Outcome-based Education (OBE) in the undergraduate and postgraduate programs, and the proposal was approved by the committee. The Department of Mathematics established Program Outcomes (POs) and Course Outcomes (COs) based on Bloom's Taxonomy, which were approved by a curriculum committee.

Approval for blended teaching method: Due to the pandemic, the department had to resort to online teaching through Google Classroom, which has been successful. The department sought approval for blended teaching methods, and the proposal was approved unanimously by the committee after discussing the pros and cons of the blended mode.

Approval of action taken on feedback of stakeholders : The IQAC sent feedback on teaching-learning, infrastructure, and other activities. The internal committee reviewed the feedback and provided suggestions on how to address the identified areas of improvement. The suggestions were presented during the meeting, and the committee members shared their thoughts on the proposed measures. The committee reviewed the feedback from IQAC and approved measures to address the identified areas of improvement, including steps to improve teaching quality, student performance evaluation, and faculty development. The committee also recommended various student-centric initiatives.

Approval of syllabus for UG and PG classes: The committee decided to maintain the current syllabus for the upcoming academic year and revisit the matter once the National Education Policy (NEP) was implemented and a new syllabus was developed.

There was no other business to discuss, and the meeting was adjourned with a vote of thanks to the chair.

Respectfully submitted,

[Dr. Vivek Raich]

Coordinator, Board of Studies in Mathematics

Coordinator, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Chairperson, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Govt. Holkar (Model Autonomous) Science College Indore

Department of Microbiology

Board of Studies 2020-21

Minutes of the Meeting

Date: 26/11/2020 time : 2.00 pm

Location: Conference Hall, Department of Microbiology

Attendees:

List attached

Agenda

1. Approval of minutes from the previous meeting
2. Approval of implementation of Outcome-based Education in UG & PG
3. Approval for blended teaching method
4. Approval of action taken on feedback of stakeholders
5. Approval of syllabus for UG and PG classes
6. Approval of Value-added courses
7. Approval for FDP

Any other business

Proceeding

Minutes of the Board of Studies Meeting for Microbiology Department held on 14th July 2020 at 2.00 PM in the Conference Hall are as follows:

Attendees: The list of attendees is attached herewith.

The Microbiology Board of Studies convened on 26/11/2020 to discuss various agenda items related to academic programs. The following decisions were made:

Approval of Minutes from Previous Meeting: The Chair called for approval of the minutes from the previous meeting, which were reviewed and found to be accurate. No changes were suggested, and the minutes were approved.

Action: The minutes will be recorded and circulated to all members.

Approval of Implementation of Outcome-Based Education (OBE) in UG and PG: The Board agreed to implement OBE in the undergraduate and postgraduate programs, with Program Outcomes (POs) and Course Outcomes (COs) developed using Bloom's Taxonomy.

Action: The implementation of OBE will be communicated to all faculty members and reflected in the course outlines.

Approval for Blended Teaching Method: The Board sought approval for the blended mode of teaching, which combines face-to-face instruction with online learning platforms. The proposal was approved unanimously.

Action: Faculty members will be trained on blended teaching techniques, and the courses will be designed to accommodate both in-person and online learning.

Approval of Action Taken on Feedback of Stakeholders: The Board reviewed the feedback received from stakeholders, including students and the Internal Quality Assurance Cell (IQAC). Measures were approved to address the identified areas of improvement, such as teaching quality and faculty development.

Action: The Board will monitor the progress of the measures and implement further actions as required.

Approval of Syllabus for UG and PG Classes: The Board agreed to maintain the current syllabus for the upcoming academic year and revisit the matter once the National Education Policy (NEP) is implemented.

Action: Faculty members will be informed of the decision, and the syllabus will be revised in line with NEP objectives once they are released.

Approval for Faculty Development Program (FDP): The Board decided to conduct an FDP for faculty members on the latest teaching techniques and methods.

Action: The FDP will be organized by the Department of Microbiology in collaboration with external experts.

Any Other Business: No other business was discussed.

Action: None required.

The meeting was adjourned with a vote of thanks by the Chairman.

Respectfully submitted,

Dr. Deepti Khare
Coordinator, Department of Micro Biology

Coordinator, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Dr. Sanjay V...
Chairman, Boa...

Chairperson, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Govt. Holkar (Autonomous) Science College, Indore [M.P]

Department of Microbiology

Date: 26/11/2020

Attendees:

Dr. Sanjay Vyas, Chairperson

Dr. Alka Vyas, Member

Dr. Sadhana Nighojkar, Member

Dr. Saugandha Singh, Member

Mr. Vinod Gupta, Member

Ms. Sadhana Solanki, Member

Prof. Anuja Sharma, Member

Dr. Radhika Waghmare, Member

Prof. Preetibala Solanki, Member

Dr. Deepti Khare, Coordinator

Dr. Sanjay Vyas

Chairman, BoS
Department of Microbiology

Chairperson, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Govt. Holkar (Model Autonomous) Science College Indore

Department of Pharmaceutical Chemistry

Board of Studies 2020-21

Minutes of the Meeting

Date: 23/11/2020 time : 2.00 pm

Location: Conference Hall, Department of Pharmaceutical Chemistry

Attendees:

List attached

Agenda

1. Approval of minutes from the previous meeting
2. Approval of implementation of Outcome-based Education in UG & PG Programme.
3. Approval for blended teaching method.
4. Approval of action taken on feedback of stakeholders.
5. Approval of syllabus for UG and PG classes.
6. Approval of Value-added courses.
7. Approval for FDP.
8. 8.Any other agenda with the permission of chair.

Proceedings-

The Pharmaceutical Chemistry, Board of Studies convened on [23/11/2020] to discuss various agenda items related to academic programs. The following decisions were made:

Approval of Minutes from Previous Meeting:

The Chair called for approval of the minutes from the previous meeting, which were reviewed and found to be accurate. No changes were suggested, and the minutes were approved.

Action: The minutes will be recorded and circulated to all members.

Approval of Implementation of Outcome-Based Education (OBE) in UG and PG progrmmes:

The Board agreed to implement OBE in the undergraduate and postgraduate programs, with Program Outcomes (POs) and Course Outcomes (COs) developed using Bloom's Taxonomy.

Action: The implementation of OBE will be communicated to all faculty members and reflected in the course outlines.

Approval for Blended Teaching Method:

The Board sought approval for the blended mode of teaching, which combines face-to-face instruction with online learning platforms. The proposal was approved unanimously.

Action: Faculty members will be trained on blended teaching techniques, and the courses will be designed to accommodate both in-person and online learning.

Approval of Action Taken on Feedback of Stakeholders:

The Board reviewed the feedback received from stakeholders, including students and the Internal Quality Assurance Cell (IQAC). Measures were approved to address the identified areas of improvement, such as teaching quality and faculty development.

Action: The Board will monitor the progress of the measures and implement further actions as required.

Approval of Syllabus for UG and PG Classes: The Board agreed to maintain the current syllabus for the upcoming academic year and revisit the matter once the National Education Policy (NEP) is implemented.

Action: Faculty members will be informed of the decision, and the syllabus will be revised in line with NEP objectives once these are released. Following new PG courses have been introduced in :

1. Applied Pharmaceutics - I

2. Applied Pharmaceutics – II

Approval for Faculty Development Program (FDP): The Board gave an approval to conduct an FDP for faculty members on the latest teaching techniques and methods.

Action: The FDP will be organized by Department of Pharmaceutical Chemistry in collaboration with external experts.

Any other agenda: No other agenda was discussed.

Action: None required.

The meeting was adjourned with a vote of thanks to the Chair and the members.

Respectfully submitted,

[Dr M.K. Dwivedi]

Chairperson , Board of Studies.

PROFESSOR & HEAD
Deptt. of Pharmaceutical Chemistry
Govt. Holkar Science College
INDORE (M.P.)

Govt. Holkar (Model Autonomous) Science College Indore

Dept. Of Physics

Board of Studies 2020 -21

Minutes of the Meeting

Date: **26/11/2020**

Location: Conference Hall, Department of Physics

Attendees:

List attached

Agenda

1. Approval of implementation of Outcome based Education in UG& PG
2. Approval for blended teaching method .
3. Approval of action taken on feed back of stakeholder.
4. Approval of syllabus for ug and pg classes
5. Approval of Value added course
6. Approval for FDP
7. Any other business

Proceedings:

The Board of Studies in Physics held a meeting on 14/7/2020 to discuss various matters related to the undergraduate and postgraduate programs. The following decisions were made:

Implementation of Outcome-based Education (OBE) in UG and PG:

Dr. Dagaonkar proposed the implementation of Outcome-based Education (OBE) in the undergraduate and postgraduate programs. He informed the committee that the college had decided to adopt the OBE program from the academic year 2020-21 during the Academic Council and Internal Quality Assurance Cell meetings. The Department of Physics also agreed to implement this program in its departmental meeting.

Dr. Dagaonkar proposed the adoption of OBE in the undergraduate and postgraduate programs, which was approved by the committee. The Department of Physics established Program Outcomes (POs) and Course Outcomes (COs) based on Blooms Taxonomy, which were approved by a curriculum committee.

Approval for blended teaching method:

Dr Netram infomed the BoS that due to the pandemic, the teachers had to resort to online teaching through Google Classroom, which allowed them to complete the remaining syllabus effectively. Currently, the department is using the blended mode of teaching, as it has been successfully adapted at the global level.

The department sought approval for blended teaching methods, and the committee approved the proposal unanimously after a discussion on the pros and cons of blended mode.

Approval of action taken on feedback of stakeholders:

The BoS was informed by Dr. Nidhi Parmar about the feedback sent by the IQAC on teaching-learning, infrastructure, and other activities. The feedback highlighted certain areas that required improvement to enhance the quality of education being provided by the department.

The internal committee of the department reviewed the feedback and provided suggestions on how to address the identified areas of improvement. The suggestions were presented by Prof. Dr. Sasligram during the meeting, and the committee members shared their thoughts on the proposed measures.

The committee reviewed the feedback from IQAC and approved measures to address the identified areas of improvement, including steps to improve teaching quality, student performance evaluation, and faculty development. The committee also recommended various student-centric initiatives.

Approval of syllabus for UG and PG classes:

The committee decided to maintain the current syllabus for the upcoming academic year and revisit the matter once the National Education Policy (NEP) was implemented and a new syllabus was developed.

Approval of Value-added course:

The committee approved the launch of a new value-added course titled "Renewable Energy and Energy Efficiency & Conservation – Technologies, Applications, Approaches, Trends and Policies" to equip students with necessary skills and knowledge in renewable energy and energy efficiency.

Approval for FDP:

The committee approved the implementation of a Faculty Development Program (FDP) aimed at enhancing the skills and knowledge of our faculty members.

There was no other business to discuss, and the meeting was adjourned with a vote of thanks to the chair.

Respectfully submitted,

[Dr. Dagaonkar]

Coordinator, Board of Studies, Physics.

Coordinator, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Chairperson, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Govt. Holkar(Model Autonomous) Science College Indore

Dept. Of Seed Technology

Board of Studies 2020 -21

Minutes of the Meeting

Date: 23/11/2020 Time: 2:00 PM

Attendees: List attached

Agenda:

1. Approval of implementation of Outcome-based Education in UG & PG
2. Approval for blended teaching method
3. Approval of action taken on feedback of stakeholders
4. Approval of syllabus for UG and PG classes
5. Approval for FDP
6. Any other business

Discussion:

The Board discussed the implementation of Outcome-based Education (OBE) in UG and PG programs. The members agreed to implement OBE and suggested that it should be incorporated into the syllabus. The Board also discussed the importance of continuous assessment and feedback from students in achieving the goals of OBE.

Action: The Board approved the implementation of OBE in UG and PG programs.

The Board discussed the approval for blended teaching method, which combines face-to-face and online teaching. The members acknowledged the need for flexible teaching methods due to the current pandemic situation. The Board also discussed the importance of training faculty members to effectively use blended teaching methods.

Action: The Board approved the use of blended teaching method for UG and PG programs.

The Board discussed the action taken on feedback of stakeholders. The members reviewed the feedback and suggested that the department should address the concerns raised by the stakeholders.

Action: The Board approved the action taken on the feedback of stakeholders.

The Board reviewed and discussed the syllabus for UG and PG classes. The members suggested a few minor changes to the syllabus and discussed the need to incorporate current developments in the field of Seed Technology.

Action: The Board approved the syllabus for UG and PG classes with the suggested changes.

The Board discussed the approval for Faculty Development Program (FDP) for the faculty members. The members acknowledged the need for continuous learning and development of faculty members to improve the quality of education.

Action: The Board approved the FDP for the faculty members.

Any other business: There was no other business.

Conclusion: The Board members discussed and approved the implementation of Outcome-based Education, blended teaching method, action taken on feedback of stakeholders, syllabus for UG and PG classes, and Faculty Development Program. The meeting was adjourned at 3:30 PM.

विभागाध्यक्ष
सीड टेक्नोलॉजी विभाग
शा. होलकर विज्ञान महाविद्यालय,

Chairperson, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Coordinator, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

सत्र 2020-2021

सांख्यिकी अध्ययन मंडल परिषद् की बैठक आज दिनांक 18-01-2021 को विभाग द्वारा online google meet में की गई। बैठक में निम्न सदस्य online उपस्थित हुए।

1. डॉ० शमित बेनर्जी (Subject Expert)
(विभागाध्यक्ष, सांख्यिकी, दे.अ.वि.वि. इन्दौर)

2. डॉ० प्रवीण गुप्ता (Subject Expert)
(विभागाध्यक्ष, सांख्यिकी, वि.क्रम वि.वि. उज्जैन)

3. डॉ० राजेश टेलर (Subject Expert)
(रीडर, सांख्यिकी, वि.क्रम वि. वि., उज्जैन)

4. प्रो० मंगला चौरागड़े (Chairperson) 18.1.21
(विभागाध्यक्ष, सांख्यिकी, हो.वि.मह.वि., इन्दौर)

offline में निम्न सदस्य उपस्थित हुए।

1. कुनिका तिवारी (सदस्य) Kunika
(V.F. Holkar Sc. College, Indore)

2. रीटा कुमावत (सदस्य)
(V.F. Holkar Sc. College, Indore)

3. हर्षिनी चौरसिया (सदस्य)
(V.F., Holkar Sc. College, Indore)

4. सुरभि घोड़की (सदस्य) Ghodki
(V.F., Holkar Sc. College, Indore)

बैठक में निर्णय निम्नानुसार लिए गये -

1. उच्च शिक्षा विभाग मध्यप्रदेश सरकार की वार्षिक स्नातक पाठ्यक्रम दोहरी प्रश्न-पत्र प्रणाली के तहत केन्द्रीय अध्ययन मंडल से अनुशंसित बी.एस.सी. पाठ्यक्रम को सत्र 2020-2021 में यथावत् लागू करने की अनुशंसा की गई है।

2. बी.एस.सी. द्वितीय वर्ष में इस वर्ष 2020-21 में केन्द्रीय अध्ययन मंडल से अनुशंसित पाठ्यक्रम को लागू किया गया।

3. दोनों प्रश्न-पत्रों के अधिकतम अंक 40-40 होंगे। 10 (दस नंबर) का तिमाही छः माही CCE. होंगे। कुल अंक 50 [सैद्धांतिक + तिमाही छः माही] होंगे।

4. प्रायोगिक परीक्षा [Practical exam.] दोनों प्रश्न पत्रों की एक ही होगी। कुल अंक 50 होंगे।

5. इस प्रकार कुल प्रश्न-पत्र [दो] + प्रायोगिक मिलाकर 150 अंक पूर्णांक होंगे।

6. स्नातकोत्तर पाठ्यक्रमों की संपूर्ण समीक्षा की गई। प्रथम, द्वितीय, तृतीय एवं चतुर्थ सेमेस्टर में CBCS पद्धति से पढ़ाया जा रहा है।

7. बैठक में प्रत्येक प्रश्नपत्रों के पाठ्यक्रमों पर विस्तृत चर्चा के उपरान्त विशेषज्ञों द्वारा सुझाव देकर पाठ्यक्रमों का अनुमोदन किया गया।

8. विभागाध्यक्ष द्वारा अध्ययन परिषद् में आमंत्रित महानुभावों को धन्यवाद देकर मीटिंग समाप्त की गई।

18.01.21

Kunika

Govt. Holkar(Model Autonomous) Science College Indore

Dept. Of Zoology

Board of Studies 2020 -21

Minutes of the Meeting

Date: 18/11/2020

Location: Conference Hall, Department of Zoology

Attendees: List attached

Agenda

1. Approval of implementation of Outcome-based Education in UG & PG
2. Approval for blended teaching method
3. Approval of action taken on feedback of stakeholders
4. Approval of syllabus for UG and PG classes
5. Approval of Value-added courses
6. Approval for FDP
7. Any other business

Proceedings:

The Board of Studies in Zoology held a meeting on 14/7/2020 to discuss matters related to the undergraduate and postgraduate programs. The following decisions were made:

Implementation of Outcome-based Education (OBE) in UG and PG: Dr. Dagaonkar proposed the implementation of Outcome-based Education (OBE) in the undergraduate and postgraduate programs, and the proposal was approved by the committee. The Department of Zoology established Program Outcomes (POs) and Course Outcomes (COs) based on Bloom's Taxonomy, which were approved by a curriculum committee.

Approval for blended teaching method: Due to the pandemic, the department had to resort to online teaching through Google Classroom, which has been successful. The department sought approval for blended teaching methods, and the proposal was approved unanimously by the committee after discussing the pros and cons of the blended mode.

Approval of action taken on feedback of stakeholders: The IQAC sent feedback on teaching-learning, infrastructure, and other activities. The internal committee reviewed the feedback and provided suggestions on how to address the identified areas of improvement. The suggestions were presented during the meeting, and the committee members shared their thoughts on the proposed measures. The committee reviewed the feedback from IQAC and approved measures to address the identified areas of improvement, including steps to improve teaching quality, student performance evaluation, and faculty development. The committee also recommended various student-centric initiatives.

Approval of syllabus for UG and PG classes: The committee decided to maintain the current syllabus for the upcoming academic year and revisit the matter once the National Education Policy (NEP) was implemented and a new syllabus was developed.

New course: Applied Zoology (Z-44-C)

Approval of Value-added courses: **(a.) Applied Zoology** - The Department of Zoology introduced a value-added course on Applied Zoology. The course aims to provide students with an in-depth understanding of the application of zoology in various fields. The course covers topics such as biotechnology, environmental science, wildlife conservation, and bioinformatics. It also includes practical sessions where students get hands-on experience in techniques used in these fields. The course is open to all undergraduate and postgraduate students.

(b.) Wildlife Certificate Course - The department proposed a new value-added course named "Wildlife Certificate Course" in response to the growing need for wildlife conservation and management. The course aims to provide students with a comprehensive understanding of wildlife management, conservation, and research. The course duration will be of 30 hours, and it will cover various topics such as ecology, biodiversity, conservation genetics, wildlife population management, and research techniques.

Approval for FDP: The committee approved the implementation of a Faculty Development Program (FDP) aimed at enhancing the skills and knowledge of our faculty members.

There was no other business to discuss, and the meeting was adjourned with a vote of thanks to the chair.

Respectfully submitted,

[Dr. Dagaonkar]

Coordinator, Board of Studies in Zoology

Coordinator, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Chairperson, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

2021-2022

Govt. Holkar (Model Autonomous) Science College Indore

Department of Biochemistry

Board of Studies 2021-22

Minutes of the Meeting

Board of Studies (BOS) Meeting for Biochemistry

Date: 26/10/2021

Time: 2.30PM

Location: Conference Hall, Department of Biochemistry

Attendees: List attached

Agenda:

1 Approval of last BoS

2 Implementation of NEP in UG first year as per ordinance 14(a) 0f Madhya Pradesh government

3 Approval of new courses (1) Major first semester (2) Minor Second first semester (3) Open elective first semester (4) Major Second semester (5) Minor second Semester (6) Open Elective Second Semester (7) vocational subject (8) Practical Courses

4 Approval of Value-Added Courses

5 Approval of FDP

6 Action taken on feed back

7 Others with the permission of the Chairperson

Discussion:

Approval of Last BoS Minutes: The BoS reviewed and approved the minutes from the last meeting.

Implementation of NEP in UG first year as per ordinance 14(a) 0f Madhya Pradesh government: The BoS discussed the implementation of the National Education Policy (NEP) 2020 in the undergraduate (UG) first year Biochemistry curriculum. The BoS agreed to adopt the semester system and the scheme and credit system as per the government ordinance14 (A). They also identified the necessary changes in the syllabus, teaching methodology, and assessment methods, and set a timeline for implementation.

Approval of New Courses: The BoS reviewed and approved the proposal for new courses. The courses approved are:

(1) I Sem **Biochemical Techniques** (Major)

(2) I Sem **Chemistry of Biomolecules** (Minor)

(3) I Sem Basics **of Biochemistry** (Open Elective)

(4) II Sem **Chemistry of Biomolecules** (Major)

(5) II Sem **Biochemical Techniques** (Minor)

(6) II Sem **Analytical Techniques** (Open Elective)

(7) **Practical courses**

(1) I Sem **Application of techniques Biochemical Analysis** (Major)

(2) I Sem **Bimolecular Analysis** (Minor)

(3) II Sem **Bimolecular Analysis** (Major)

(4) II Sem **Application of techniques Biochemical Analysis** (Minor)

Approval of Value Added Courses: The BoS reviewed and approved the proposal for value-added courses for biochemistry students. The BoS identified the courses that can be offered, determined the eligibility criteria for students, and set the guidelines for course delivery and assessment.

Approval of FDP: The BoS reviewed and approved the Faculty Development Program (FDP) for Biochemistry faculty members. The BoS identified the areas of focus for the FDP, the mode of delivery, and the expected outcomes.

Action Taken on Feedback: The BoS reviewed the feedback received from students, faculty members, and other stakeholders, and discussed the action taken on the feedback. The BoS identified the areas of improvement and set a plan for implementing the feedback.

Others with the Permission of the Chairperson: The Chairperson allowed the discussion of any other matter that was not included in the above agenda.

Adjournment:

The meeting was adjourned after all agenda items were discussed and decisions were made.

Coordinator, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Chairperson, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Govt. Holkar (Model Autonomous) Science College Indore

Department Of Bioinformatics

Board of Studies 2021-22

Minutes of the Meeting

Board of Studies (BOS) Meeting for Bioinformatics

Date: 5/10/2021

Time:2.00PM

Location: Conference Hall, Department of Biotechnology

Attendees:

List attached

Agenda:

1 Approval of last BoS

2 Implementation of NEP in UG first year as per ordinance 14(a) 0f Madhya Pradesh government

3 Approval of new courses (1) Major first semester (2) Minor Second first semester (3) Open elective first semester (4) Major Second semester (5) Minor second Semester (6) Open Elective second Semester (7) vocational subject (8) Practical Courses

4 Approval of FDP

5 Action taken on feed back

6Othes with the permission of the Chairperson

Discussion:

Approval of Last BoS Minutes: The Board of Studies (BoS) reviewed and approved the minutes of the last meeting.

Implementation of NEP in UG first year as per ordinance 14(a) 0f Madhya Pradesh government: The BoS discussed the implementation of the National Education Policy (NEP) 2020 in the undergraduate (UG) first year Bioinformatics curriculum. The BoS agreed to adopt the semester system and the scheme and credit system as per the Government ordinance14 (A). They also identified the necessary changes in the syllabus, teaching methodology, and assessment methods, and set a timeline for implementation. The faculty members actively participated in the discussion and provided their valuable inputs.

Approval of New Courses: The BoS reviewed and approved the proposal for new courses. The courses approved are:

(1) Major in First Semester **Cell and Molecular Biology** (Major)

(2) Minor in Second Semester **Cell and Molecular Biology** (Minor)

(3) Open Elective in First Semester **General Introduction to Bioinformatics** (Open Elective)

(4) Major in Second Semester **General Introduction to Bioinformatics** (Major)

(5) Minor in Second **Semester Fundamentals of Bioinformatics** (Minor)

(6) Open Elective in Second Semester **Basic of Bioinformatics** (Open Elective)

(7) Practical Courses

(1) Major in First Semester **Cell and Molecular Biology** (Major)

(2) Minor in Second Semester **Cell and Molecular Biology** (Minor)

(3) Major in Second Semester **General Introduction to Bioinformatics** (Major)

(4) Minor in Second Semester **Fundamentals of Bioinformatics** (Minor)

The faculty members discussed the potential benefits of each course and provided their insights on the best way to deliver them to students.

Approval of FDP: The BoS reviewed and approved the Faculty Development Program (FDP) for Bioinformatics faculty members. The BoS identified the areas of focus for the FDP, the mode of delivery, and the expected outcomes. The faculty members provided their suggestions on the best ways to implement the FDP.

Action Taken on Feedback: The BoS reviewed the feedback received from students, faculty members, and other stakeholders, and discussed the action taken on the feedback. The faculty members actively participated in the discussion and shared their ideas on how to address the feedback.

Others with the Permission of the Chairperson: The Chairperson allowed the discussion of any other matter that was not included in the above agenda. The faculty members used this opportunity to raise any additional issues or concerns they had.

Adjournment:

The meeting was adjourned after all agenda items were discussed and decisions were made. The faculty members thanked each other for their participation and contributions to the meeting.

Coordinator, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Chairperson, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Govt. Holkar (Model Autonomous) Science College Indore

Department Of Biotechnology

Board of Studies 2021-22

Minutes of the Meeting

Board of Studies (BOS) Meeting for Biotechnology

Date: 5/10/2021

Time:2.00PM

Location: Conference Hall, Department of Biotechnology

Attendees:

List attached

Agenda:

1 Approval of last BoS

2 Implementation of NEP in UG first year as per ordinance 14(a) 0f Madhya Pradesh government

3 Approval of new courses (1) Major first semester (2) Minor first semester (3) Open elective first semester (4) Major Second semester (5) Minor second Semester (6) Open Elective Second Semester (7) vocational subject (8) Practical Courses

4 Approval of Value Added Courses

5 Approval of FDP

6 Action taken on feed back

7Othes with the permission of the Chairperson

Discussion:

Approval of Last BoS Minutes: The Board of Studies (BoS) reviewed and approved the minutes of the last meeting.

Implementation of NEP in UG first year as per ordinance 14 (a) of Madhya Pradesh government: The BoS discussed the implementation of the National Education Policy (NEP)

2020 in the undergraduate (UG) first year **Biotechnology** curriculum. The BoS agreed to adopt the semester system and the scheme and credit system as per the Government ordinance14 (A). They also identified the necessary changes in the syllabus, teaching methodology, and assessment methods, and set a timeline for implementation. The faculty members actively participated in the discussion and provided their valuable inputs.

Approval of New Courses: The BoS reviewed and approved the proposal for new courses. The courses approved are:

(1) Major in First Semester **Cell Biology and Biochemistry** (Major)
(2) Minor in Second Semester **Microbiology and Immunology** (Minor)
(3) Open Elective in First Semester **Microbiology and Immunology** (Open Elective)
(4) Major in Second Semester **Microbiology and Immunology** (Major)
(5) Minor in Second **Cell Biology and Biochemistry** (Minor)
(6) Open Elective in Second Semester **Microbiology** (Open Elective)
(7) Practical Courses

(1) Major in First Semester **Lab work for Cell Biology and Biochemistry** (Practical) (Major)

(2) Minor in First Semester **Lab work for Microbiology and Immunology** (Practical) (Minor)

(3) Major in Second Semester **Lab work for Microbiology and Immunology** (Practical) (Major)

(4) Minor in Second Semester **Lab work for Cell Biology and Biochemistry** (Practical) (Minor)

The faculty members discussed the potential benefits of each course and provided their insights on the best way to deliver them to students.

Approval of Value Added Courses: The department proposed a 30-hour value-added course **on "Molecular and Computational Biology".** The syllabus for the course was presented, and the benefits of the course were discussed. The BoS approved the syllabus for the course, and the department will conduct the course as per the approved syllabus.

Approval of FDP: The BoS reviewed and approved the Faculty Development Program (FDP) for **Biotechnology** faculty members. The BoS identified the areas of focus for the FDP, the mode of delivery, and the expected outcomes. The faculty members provided their suggestions on the best ways to implement the FDP.

Action Taken on Feedback: The BoS reviewed the feedback received from students, faculty members, and other stakeholders, and discussed the action taken on the feedback. The faculty members actively participated in the discussion and shared their ideas on how to address the feedback.

Others with the Permission of the Chairperson: The Chairperson allowed the discussion of any other matter that was not included in the above agenda. The faculty members used this opportunity to raise any additional issues or concerns they had.

Adjournment:

The meeting was adjourned after all agenda items were discussed and decisions were made. The faculty members thanked each other for their participation and contributions to the meeting.

R Tokriya
Coordinator, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Chairperson, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Govt. Holkar (Model Autonomous) Science College Indore

Department Of Botany

Board of Studies 2021-22

Minutes of the Meeting

Board of Studies (BOS) Meeting for Botany

Date:28/10/2021

Time: 2.00 Pm

Location: Conference Hall, Department of Botany

Attendees:

List attached

Agenda:

1 Approval of last BoS

2 Implementation of NEP in UG first year as per ordinance 14(a) 0f Madhya Pradesh government

3 Approval of new courses (1) Major first semester (2) Minor Second first semester (3) Open elective first semester (4) Major Second semester (5) Minor second Semester (6) Open Elective second Semester (7) vocational subject (8) Practical Courses

4 Approval of **Two Value Added Courses**

5 Approval of FDP

6 Action taken on feed back

7 Others with the permission of the Chairperson

Discussion:

Approval of Last BoS Minutes: The BoS reviewed and approved the minutes from the last meeting.

Implementation of NEP in UG first year as per ordinance 14(a) Of Madhya Pradesh government: The BoS, led by Dr. Iqbal, discussed the implementation of the National Education Policy (NEP) 2020 in the undergraduate (UG) first-year Botany curriculum. The faculty members, including Dr. Pahare, Dr. Chaturvedi, Dr. Vyas, and Dr. Chitnis, provided their inputs on the semester system, scheme and credit system, changes in syllabus, teaching methodology, and assessment methods. The BoS set a timeline for implementation and identified the necessary steps to be taken for a smooth transition.

Approval of New Courses: The BoS, led by Dr. Iqbal, reviewed and approved the proposal for new courses in UG Botany. The faculty members, including Dr. Sarika , Dr. Sisodia, Dr. Dubey, and Dr. Sadhav , provided their inputs on the courses proposed, which were as follows:

(1) Major in First Semester **Applied Botany (Major)**

(2) Minor in Second Semester **Basic Botany (Minor)**

(3) Open Elective in First Semester **Fundamental Botany**

(4) Major in Second Semester **Basic Botany (Major)**

(5) Minor in Second Semester **Applied Botany (Minor)**

(6) Open Elective in Second Semester **Functional Botany**

(7) Practical Courses

(1) Major in First Semester **Applied Botany (Major)**

(2) Minor in Second Semester **Basic Botany (Minor**

(3) Major in Second Semester **Basic Botany (Major)**

(4) Minor in Second Semester **Applied Botany (Minor)**

Approval of Value Added Courses: The BoS, , reviewed and approved the proposal for value-added courses titled 1 **" Organic Forming " 2 Mushroom Cultivation and its Marketing**

for students. The BoS approved the proposal for the value-added course on " **Organic Forming & Mushroom Cultivation and its Marketing** " to be conducted by the Botany department. The courses will be of 30 hours duration, and the syllabus for the course were presented and approved by the BoS.

Approval of FDP: The BoS, reviewed and approved the Faculty Development Program (FDP) for Botany faculty members. The faculty members, including Dr. Pahare, Dr. Chaturvedi, Dr. Vyas, and Dr. Chitnis, identified the areas of focus for the FDP, the mode of delivery, and the expected outcomes.

Action Taken on Feedback: The BoS, reviewed the feedback received from students, faculty members, and other stakeholders, and discussed the action taken on the feedback. The faculty members, including Dr. Pahare, Dr. Chaturvedi, Dr. Vyas, and Dr. Chitnis, provided their inputs on the areas of improvement and set a plan for implementing the feedback.

Others with the Permission of the Chairperson: Dr. Iqbal, the Chairperson, allowed the discussion of any other matter that was not included in the above agenda.

Adjournment:

The meeting was adjourned after all agenda items were discussed, and decisions were made, with valuable inputs from all the faculty members present.

Coordinator, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Chairperson, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Govt. Holkar (Model Autonomous) Science College Indore

Department Of Chemistry

Board of Studies 2021-22

Minutes of the Meeting

Board of Studies (BOS) Meeting for Chemistry

Date: 26/10/2021

Time: 10.30 AM

Location: Conference Hall, Department of Chemistry

Attendees:

List attached

Agenda:

1 Approval of last BoS

2 Implementation of NEP-2020 in UG first year as per ordinance 14(a) 0f Madhya Pradesh government

3 Approval of new courses (1) Major first semester (2) Minor Second first semester (3) Open elective first semester (4) Major Second semester(5) Minor second Semester (6) Open Elective second Semester (7) vocational subject (8) Practical Courses

4 Approval of Value Added Courses

5 Approval of FDP

6 Action taken on feed back

7Othes with the permission of the Chairperson

Discussion:

Approval of Last BoS Minutes: Dr. Rai moved the motion to approve the minutes from the last meeting, which was seconded by Dr. Gandhe. The motion was carried unanimously.

Implementation of NEP-2020 in UG first year as per ordinance 14(a) 0f Madhya Pradesh government: Dr. Choure initiated the discussion on the implementation of the National Education Policy (NEP)-2020 in the undergraduate (UG) first year Chemistry curriculum. The

faculty members agreed to adopt the semester system and the scheme and credit system as per the college's ordinance. They also discussed the necessary changes in the syllabus, teaching methodology, and assessment methods and set a timeline for implementation.

Approval of New Courses: Dr. Shrivastava proposed the new courses for UG Chemistry, which were reviewed and approved by the faculty members. The courses approved are:

(1) Major in First Semester **Fundamentals of Chemistry (Major)**

(2) Minor in Second Semester **Analytical Chemistry (Minor)**

(3) Open Elective in First Semester **Chemistry in Everyday Life (Open Elective)**

(4) Major in Second Semester **Analytical Chemistry (Major)**

(5) Minor in Second Semester **Fundamentals of Chemistry (Minor)**

(6) Open Elective in Second Semester **General Aspects of Chemistry (Open Elective)**

(7) Practical Courses

(1) Major in First Semester **Qualitative & Qualitative Chemical Analysis**

(2) Minor in Second Semester **Analytical Processes and Techniques (SEM I)**

(4) Major in Second Semester **Analytical Processes and Techniques (SEM II)**

(5) Minor in Second Semester **Qualitative & Qualitative Chemical Analysis**

Approval of Value Added Courses: Dr. Rai presented the proposal for value-added courses for students, titled **"Analytical Aspects of Chemistry for Industry".** The course will span 30 hours and aims to provide students with an understanding of the analytical aspects of chemistry in the context of the industry. which were reviewed and approved by the faculty members. The faculty members identified the courses that can be offered, determined the eligibility criteria for students, and set the guidelines for course delivery and assessment.

Approval of FDP: Dr. Gandhe discussed the Faculty Development Program (FDP) for Chemistry faculty members. The faculty members identified the areas of focus for the FDP, the mode of delivery, and the expected outcomes, which were approved by the BoS.

Action Taken on Feedback: The faculty members reviewed the feedback received from students, faculty members, and other stakeholders, and discussed the action taken on the feedback. They identified the areas of improvement and set a plan for implementing the feedback.

Others with the Permission of the Chairperson: Internship for inter-departmental and inter-college students plan was discussed. After Post-pandemic scenario, Chemistry Club activities, departmental extension activites and indusrial visit plans were discussed. The Chairperson allowed the discussion of any other matter

Adjournment: The meeting was adjourned after all agenda items were discussed and decisions were made.

Respectfully submitted,

[Dr. Aparna Gandhe]

Coordinator, Board of Studies, Chemistry.

Coordinator, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Chairperson, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Govt. Holkar (Model Autonomous) Science College Indore

Department Of Computer Science

Board of Studies 2021-22

Minutes of the Meeting

Board of Studies (BOS) Meeting for Computer Science

Time: 02:00 PM

Date: 11/11/2021

Location: Seminar Hall. Department of Computer Science

Attendees:

List attached

Agenda:

1 Approval of last BoS

2. Implementation of NEP in UG first year as per ordinance 14(a) OF Madhya Pradesh government

3 Approval of new courses (1) Major first semester (2) Minor first semester (3) Open elective first semester (4) Major Second semester(5) Minor second Semester (6) Open Elective second Semester (7) vocational subject (8) Practical Courses

4 Approval of Value Added Course

5 Approval of FDP

6 Action taken on feed back

7 Other with the permission of the Chairperson

Discussion:

Approval of Last BoS Minutes: Prof. Yugal Sharma moved the motion to approve the minutes from the last meeting, which was seconded by Prof. Manish Singh. The motion was carried unanimously.

Implementation of NEP in UG first year as per ordinance 14(a) of Madhya Pradesh government: Dr. Pradeep Sharma initiated the discussion on the implementation of the National Education Policy (NEP) 2020 in the undergraduate (UG) first year Computer Science curriculum. The

Faculty members agreed to adopt the semester system and the scheme and credit system as per the college's ordinance. They also discussed the necessary changes in the syllabus, teaching methodology, and assessment methods and set a timeline for implementation.

Approval of New Courses: Prof. Pooja Rathore proposed the new courses for UG Computer Science, which were reviewed and approved by the faculty members. The courses approved are:

(1) Major in First Semester: Computer System Architecture (Major)

(2) Minor in First Semester: Programming Methodologies and Data Structures (Minor)

(3) Open Elective in First Semester: 1. Computer System Architecture 2. Multimedia & Animation – I (Open Elective)

(4) Major in Second Semester: Programming Methodologies and Data Structures (Major)

(5) Minor in Second Semester: Computer System Architecture (Minor)

(6) Open Elective in Second Semester: 1. Programming Methodologies and Data Structures 2. Multimedia & Animation - II (Open Elective)

(7) Practical Courses

(1) Major in First Semester: Computer System Architecture

(2) Minor in First Semester: Programming Methodologies and Data Structures

(3) Major in Second Semester: Programming Methodologies and Data Structures

(4) Minor in Second Semester: Computer System Architecture

Prof. Manish Singh proposed the new courses for UG Computer Application, which were reviewed and approved by the faculty members. The courses approved are:

(1) Major in First Semester: Digital Computer Organizations (Major)

(2) Minor in First Semester: Programming &Problem Solving through C (Minor)

(3) Open Elective in First Semester: Statistical Methods- I (Open Elective)

(4) Major in Second Semester: Programming Methodologies and Data Structures (Major)

(5) Minor in Second Semester: Operating System Concept (Minor)

(6) Open Elective in Second Semester: Statistical Methods- I (Open Elective)

(7) Practical Courses

(1) Major in First Semester: Digital Computer Organizations

(2) Minor in First Semester: Programming &Problem Solving through C

(3) Major in Second Semester: Programming Methodologies and Data Structures

(4) Minor in Second Semester: DOS/Linux Based Commands

Prof. Manohar Raksha proposed the new courses Computer Application Diploma for PG, which were reviewed and approved by the faculty members. The courses approved are

Approval of Value Added Courses: Prof. Aarti Shrivastva presented the proposal for value-added courses for students, titled "Web Development". The course will span 30 hours and aims to provide students with an understanding of the analytical aspects of Computer Science in the context of the industry, which were reviewed and approved by the faculty members. The faculty members identified the courses that can be offered, determined the eligibility criteria for students, and set the guidelines for course delivery and assessment.

Approval of FDP: Dr. Pradeep Sharma discussed the Faculty Development Program (FDP) for Computer Science faculty members. The faculty members identified the areas of focus for the FDP the mode of delivery, and the expected outcomes, which were approved by the BoS.

Action Taken on Feedback: The faculty members reviewed the feedback received from students, faculty members, and other stakeholders, and discussed the action taken on the feedback. They identified the areas of improvement and set a plan for implementing the feedback.

Others with the Permission of the Chairperson: The Chairperson allowed the discussion of any other matter that was not included in the above agenda.

Adjournment: The meeting was adjourned after all agenda items were discussed and decisions were made.

Mr. Manish Singh
Coordinator BoS, Computer Science

Coordinator, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Dr. Pradeep Sharma
Chairman BoS, Computer Science

Chairperson, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Govt. Holkar (Model, Autonomous) Science College, Indore [M.P.]
Department of Computer Science

Formation of Board of Studies of Computer Science

(As per Annexure - V of UGC Autonomy Guidelines)

For *Academic Year: 2021-2022*

Attendance and Minutes

Board of studies meeting of Computer Science subjects is organized in the Department of Computer Science at **2:00 PM** on **11-Nov-2021** for approving the Syllabus of B.C.A., B.Sc., M.Sc. (Computer Science), PGDCA, Open Elective, Certificate & Vocational Courses and Syllabus of M.Phil. (Computer Science) for the students who are taking admission in 2021-22 *and* onwards. Following Persons are the members of Board of studies:-

1. **Chairman Board of Studies-** Head, Department of computer Science
2. **Member-**
   (i)The entire Faculty Member of Department of Computer Science
   (ii) Dr. Preeti Saxena, Associate Professor, School of Computer Science & IT, Indore
   (iii) Dr. Priyesh Kanungo, Sr. System Engineer, School of Computer Science & IT, Indore
3. Two subject Experts nominated by the academic council
   (As per letter no.558/स्था./2012 Dated 12/06/2012)
   (i) Dr. S. S. Gautam, MGCGV, Chitrakoot, Satna
   (ii) Dr. H.S. Hota, Department of Computer Sc., Atal Bihari Vajpayee Vishwavidyalaya, Bilaspur, CG-India
4. One subject Experts nominated by the Vice- Chancellor
   (As per letter no.558/स्था./2012 Dated 12/06/2012)
   (i) Dr. Umesh Kumar Singh, Institute of Computer Science, Vikaram University , Ujjain
5. One representative from industry/allied areas-
   (As per letter no.558/स्था./2012 Dated 12/06/2012)
   (i) Shri Manish Kumar, Indore
6. One post Graduate Computer Science Department meritorious alumnus
   Mr. Sourabh Mourya

Govt. Holkar (Model, Autonomous) Science College, Indore [M.P.]

Department of Computer Science

Unanimously following decisions were taken for academic session 2020-21

1) B.Sc. I, II & III year's Computer Science syllabus approved.
2) B.C.A. I, II, III, IV, V & VI semester's Computer Application syllabus approved.
3) M.Sc. I, II, III & IV semester's Computer Science syllabus approved.
4) M.Phil. I, II, III semester's Computer Science syllabus approved.
5) PGDCA I & II Semester Syllabus approved.
6) Certificate Courses Syllabus approved
7) B.Sc. III year student must completed internship of 60 hours.

Suggestion: Department should arrange invited lectures for the benefit of students.

Experts Members, Faculty Members (Name & Sig.)

S.No.	Name of Members	Signature
1	Dr. Suresh T. Silawat	
2	Dr. Pradeep Sharma	
3	Dr. H.S. Hota	
4	Dr. S. S. Gautam	
5	Dr. U. K. Singh	
6	Dr. Preeti Saxena	
7	Dr. Priyesh Kanungo	
8	Shri Manish Kumar	
9	Dr. R. Garg	
10	Prof. Uannati Bhayre	
11	Dr. Indu Tiwari	
12	Dr. Manorama Agrawal	
13	Mr. Manish Singh	
14	Ms. Pooja Rathore	
15	Ms. Jaya Sharma	
16	Mr. Dheeraj Sharma	
17	Mr. Ravi Pathariya	
18	Mr. Yougal K Sharma	
19	Ms. Priyanaka Agiwal	
20	Ms. Payal Jain	
21	Mr. Manohar Raksha	
22	Ms. Aarti Shrivastava	
23	Ms. Jaya Vanpure	
24	Ms. Harsh Paliwal	
25	Ms. Dipti Dubey	
26	Ms. Divya Rathod	
27	Ms. Bhawana Bhadkare	
28	Ms. Sapsna Kaneria	
29	Ms. Mrinalini Jadhav	
30	Ms. Sarita Sharma	
31	Ms. Gazala Parveen	
32	Ms. Dipika Mandwaliya	
33	Ms. Bhagyashree Pathak	
34	Mr. Sourabh Mourya	

नोटः– इस सत्र में यदि म.प्र. शासन उच्च शिक्षा विभाग, भोपाल अथवा देवि अहिल्या विश्वविद्यालय, इन्दौर किसी पाठ्यक्रम/कोर्स में परिवर्तन किया जाता है तो तद्नुसार महाविद्यालय के पाठ्यक्रम में परिवर्तन हेतु उक्त BOS की सहमति हैं एवं विभाग प्रमुख कम्प्यूटर विज्ञान को BOS अधिकृत करती हैं।

For kind approval of Principal Govt. Govt. Holkar Science College, Indore

Approved by Principal .....

Science

Head

Department of Computer

HEAD

Govt. Holkar (Model Autonomous) Science College Indore

Department Of Economics

Board of Studies 2021-22

Minutes of the Meeting

Board of Studies (BOS) Meeting for Economics

Date: 27/11/2021

Time:2.30 PM

Location: Conference Hall, Department of Economics

Attendees:

List attached

Agenda:

1 Approval of last BoS

2 Implementation of NEP 2020 in UG first year as per ordinance 14(a) 0f Madhya Pradesh government.

3 Approval of new courses (1) Major first semester (2) Minor Second first semester (3) Open elective first semester (4) Major Second semester (5) Minor second Semester (6) Open Elective second Semester.

4 Action taken on feed back

5 Others with the permission of the Chairperson

Discussion:

Approval of Last BoS Minutes: The BoS reviewed and approved the minutes from the last meeting.

Implementation of NEP 2020 in UG first year as per ordinance 14(a) 0f Madhya Pradesh government: Dr. Unnati Bhayare opened the discussion on the implementation of the National Education Policy (NEP) 2020 in the undergraduate (UG) first year Economics curriculum. The BoS agreed to implement the semester system and the scheme and credit system as per the ordinance 14(A) of the Government of Madhya Pradesh. Prof. Divya Trivedi suggested the

necessary changes in the syllabus, teaching methodology, and assessment methods. The BoS set a timeline for implementation.

Approval of New Courses: The BoS reviewed and approved the proposal for new courses in UG Economics. The courses approved are:

(1) Major in First Semester - **Consumer Behaviour & Micro Economics** (Major)

(2) Minor in First Semester - **Micro Economics** (Minor)

(3) Open Elective in First Semester- **Basics of Indian Economy** (Open Elective)

(4) Major in Second Semester - **Indian & Agricultural Economy** (Major)

(5) Minor in Second Semester - **Indian Economy** (Minor)

(6) Open Elective in Second Semester - **Basics of Indian Economy** (Open Elective)

Action Taken on Feedback: The BoS reviewed the feedback received from students, faculty members, and other stakeholders, and discussed the action taken on the feedback. They suggested the areas of improvement and set the plan for implementing the feedback.

Others with the Permission of the Chairperson:

Dr. Bhayare allowed the discussion of any other matter that was not included in the above agenda.

Minutes recorded by:

Coordinator, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Chairman BoS
Chairperson, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

BOARD OF STUDIES MINUTES

2021-2022

Today on 23/03/2022; Board of Studies Meeting for B. Sc. I Year held in Statistics and Economics Department. Following members were present in the meeting –

1. Dr. Aruna Kusumakar (Subject Expert)
   (Professor, Sanskrit College, Indore)
2. Dr. Saroj Ajay (Subject Expert)
   (Professor, Department of Economics, Govt. Arts & Commerce College, Indore)
3. Dr. Alka Jain (Subject Expert)
   (Professor, Department of Economics, Govt. Arts & Commerce College, Indore)
4. Dr. Unnati Bhayare (Chairperson)
   (Head, Department of Statistics, Govt. Holkar Science College, Indore)
5. Prof. Divya Trivedi (Member)
   (Visiting Faculty, Department of Statistics, Govt. Holkar Science College, Indore)
6. Dr. Rashmi Awad (Member)
   (Guest Faculty, Department of Statistics, Govt. Holkar Science College, Indore)
7. Prof. Kunika Tiwari (Member)
   (Visiting Faculty, Department of Statistics, Govt. Holkar Science College, Indore)
8. Prof. Surbhi Ghodki (Member)
   (Visiting Faculty, Department of Statistics, Govt. Holkar Science College, Indore)
9. Prof. Yamini Gadhwal (Member)
   (Visiting Faculty, Department of Statistics, Govt. Holkar Science College, Indore)

Govt. Holkar (Model Autonomous) Science College Indore

Department Of Electronics

Board of Studies 2021-22

Minutes of the Meeting

Board of Studies (BOS) Meeting for Electronics

Date: 22/11/2021

Time: 3.30 PM

Location: Department of Electronics

Attendees:

List attached

Agenda:

1. Approval of last BoS
2. Implementation of NEP- 2020 in UG first year as per ordinance 14(a) of Department of Higher Education, Govt. of Madhya Pradesh
3. Approval of new courses (1) Major first semester (2) Minor first semester (3) Open elective first semester (4) Practical Courses
4. Approval of Value-Added Courses
5. Action taken on feed back
6. Others with the permission of the Chairperson

Discussion:

Approval of Last BoS Minutes The Board of Studies (BoS) reviewed and approved the minutes of the last meeting.

Implementation of NEP- 2020 in UG first year as per ordinance 14(a) 0f Madhya Pradesh government: The BoS discussed the implementation of the National Education Policy (NEP) 2020 in the undergraduate (UG) first year electronics curriculum. The BoS agreed to adopt the semester system in UG as per ordinance 14(A) of the Government of Madhya Pradesh, and to adopt the scheme and credit system as per the ordinance. The BoS identified the necessary

changes needed in the syllabus, teaching methodology, and assessment methods, and set the timeline for implementation.

Approval of New Courses: The BoS reviewed and approved the proposal for new courses in UG electronics. The courses approved are:

(1) Major in First Semester- **Semiconductor Devices (Major)**

(2) Minor in Second Semester- **Basic Circuit Theory and Network Analysis (Minor)**

(3) Open Elective in First Semester- **Introduction of Electronics Components and Network (Open Elective)**

(4) Practical Courses

Approval of Value-Added Courses: The BoS reviewed and approved the proposal for value-added courses **1 "Robotics" 2 "Fabrication and Maintenance of Laboratory Equipment"** for UG electronics students. The BoS identified the courses that can be offered, determined the eligibility criteria for students, and set the guidelines for course delivery and assessment. The members approved the proposal with a few modifications.

Approval of FDP The BoS reviewed and approved the Faculty Development Program (FDP) for electronics faculty members and other faculties of college. The BoS identified the areas of focus for the FDP, the mode of delivery, and the expected outcomes.

Action Taken on Feedback The BoS reviewed the feedback received from students, faculty members, and other stakeholders, and discussed the action taken on the feedback. The BoS identified the areas of improvement and set the plan for implementing the feedback. BoS emphasise that it is important to follow up with stakeholders to ensure that their concerns have been adequately addressed and that they are satisfied with the action taken.

Others with the Permission of the Chairperson The chairperson allowed the discussion of any other matter that was not included in the above agenda.

Adjournment: The meeting was adjourned after all agenda items were discussed and decisions were made.

Coordinator

Coordinator, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Chairman

Chairperson, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Govt. Holkar (Model Autonomous) Science College Indore

Department Of Forensic Science

Board of Studies 2021-22

Minutes of the Meeting

Board of Studies (BOS) Meeting for Forensic Science

Date: 27/11/2021

Time - 03.00PM

Location: Conference Hall, Department of Forensic Science

Attendees:

List attached

Agenda:

1 Approval of last BoS

2 Implementation of NEP- 2020 in UG first year as per ordinance 14(a) 0f Madhya Pradesh government

3 Approval of new courses (1) Major first semester (2) Minor Second first semester (3) Open elective first semester (4) Major Second semester (5) Minor second Semester (6) Open Elective second Semester (7) vocational subject (8) Practical Courses

4 Approval of Value Added Courses

5 Approval of FDP

6 Action taken on feed back

7Others with the permission of the Chairperson

Discussion:

Approval of Last BoS Minutes:

Dr. Chourey reviewed and proposed some changes in the minutes from the last meeting. The BoS approved the revised minutes.

Implementation of NEP- 2020 in UG first year as per ordinance 14(a) 0f Madhya Pradesh government

Dr. Sarasan led the discussion on the implementation of the National Education Policy (NEP) 2020 in the undergraduate (UG) first year Forensic Science curriculum. The BoS agreed to adopt the semester system and the scheme and credit system as per the ordinance. Dr. Kori highlighted the need for integrating digital technology into the curriculum. They also identified the necessary changes in the syllabus, teaching methodology, and assessment methods, and set a timeline for implementation.

Approval of New Courses:

Prof. Harshita presented the proposal for new courses in UG Forensic Science. The BoS approved the courses proposed:

(1) Major in First Semester- **Criminal Investigation & Law**

(2) Minor in Second Semester of First Year- **Introduction to Forensic Science & Criminalistics**

(3) Open Elective in First Semester- **Basics of Forensic Science**

(4) Major in Second Semester- **Introduction to Forensic Science & Criminalistics**

(5) Minor in Second Semester of Second Year- **Criminal Investigation & Law (Minor)**

(6) Open Elective in Second Semester (Vocational Subject)- **Criminal Investigation & Law**

(7) Practical Courses

(1) Major in First Semester- **Crime Scene Management**

(2) Minor in Second Semester of First Year- **Physical Evidences**

(3) Major in Second Semester- - **Physical Evidences**

(5) Minor in Second Semester of Second Year- **Crime Scene Management**

Approval of Value Added Courses:

Prof. Rai led the discussion on the proposal for value-added courses students under the title **Role of Investigating officer in Crime Scene** . The BoS identified the courses that can be

offered, determined the eligibility criteria for students, and set the guidelines for course delivery and assessment. Dr. Chourey emphasized the need for practical-oriented courses.

Approval of FDP:

Dr. Kori presented the Faculty Development Program (FDP) for Forensic Science faculty members. The BoS identified the areas of focus for the FDP, the mode of delivery, and the expected outcomes. Dr. Sarasan suggested including industry experts as resource persons for the FDP.

Action Taken on Feedback:

Prof. Harshita presented the feedback received from students, faculty members, and other stakeholders, and discussed the action taken on the feedback. Dr. Rai emphasized the need for improving the laboratory infrastructure. The BoS identified the areas of improvement and set a plan for implementing the feedback.

Others with the Permission of the Chairperson:

The Chairperson, Dr. Chourey, allowed the discussion of any other matter that was not included in the above agenda. Dr. Kori raised the concern of limited access to advanced scientific equipment and suggested exploring collaborations with other institutes. The BoS discussed the matter and decided to form a committee to explore possibilities.

Adjournment:

The meeting was adjourned after all agenda items were discussed and decisions were made.

Co- Ordinator

Coordinator, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Chairman of BoS

Chairperson, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Govt. Holkar (Model Autonomous) Science College Indore

Department of Geography

Board of Studies 2021-22

Minutes of the Meeting

Date: 29/11/2021

Time: 11:00 AM

Location: Conference Hall, Department of Geology.

Attendees: List attached.

Agenda:

1. Approval of last BoS.
2. Implementation of NEP- 2020 in UG first year as per ordinance 14(a) of Madhya Pradesh government.
3. Approval of new courses (UG) (i) Major first semester (ii) Minor first semester (iii) Open elective first semester (iv) Major second semester (v) Minor second semester (vi) Open Elective second semester (vii) vocational subject (viii) Practical Courses (ix) Approval of PG Courses.
4. Approval of FDP.
5. Action taken on feedback.
6. Others with the permission of the Chairperson.

Discussion:

Approval of minutes from the previous BOS meeting:

The meeting was called to order by the Chairperson, Dr. Vishnu Gadgil. The subject expert Dr. Venu Trivedi moved to approve the minutes from the previous BOS meeting. The motion was seconded by Dr. Roohi Ansari and the minutes were approved unanimously.

Implementation of NEP in UG first year (First and Second semester) as per ordinance 14(a) of Madhya Pradesh government

Dr. Shailesh Chaure presented the proposed implementation of NEP in UG first year as per ordinance 14(a) of Madhya Pradesh government. After a thorough discussion Dr. Poonam Bhatnagar moved to approve the proposed implementation with some minor modifications, which was seconded by Dr. Parul Pandey. The proposal was approved unanimously.

Approval of new courses of UG & PG:

The following new courses were presented for approval for Undergraduate (UG):

(1) Major first semester- **Human Geography: Environment and Culture.**

(2) Minor first semester- **Physical Geography: Lithosphere (Geomorphology).**

(3) Open elective first semester- **Physical Geography.**

(4) Major second semester- **Physical Geography: Lithosphere (Geomorphology).**

(5) Minor second semester- **Human Geography: Environment and Culture.**

(6) Open elective second semester vocational subject- **Environmental Issues and Disaster Management.**

(7) Practical:

1. Major first semester- **Cartographic Techniques.**
2. Minor second first semester- **General Cartography.**
3. Major first semester- **General Cartography.**
4. Minor second semester- **Cartographic Techniques.**

The following new courses were presented for approval for Postgraduate (PG):

(1) Semester-I- Paper-I: **Geomorphology.**

(2) Semester-I- Paper-II: **History of Geographic Thought.**

(3) Semester-I- Paper-III: **Geography of India: Physical and Resources.**

(4) Semester-I- Paper-IV: **Economic Geography.**

(5) Semester-II- Paper-I: **Climatology.**

(6) Semester-II- Paper-II: **Resources management.**

(7) Semester-II- Paper-III: **Geography of India: Economy and Region**.

(8) Semester-II- Paper-IV: **Geography of Environment.**

Dr. Bhatnagar presented the course proposals and subject expert Dr. Trivedi suggested some modifications to the proposed courses. After a discussion, Dr. Chaure moved to approve the proposed courses with the suggested modifications, which was seconded by Dr. Ansari. The courses were approved unanimously.

Approval of FDP:

Dr. Chaure presented the proposal for the Faculty Development Program (FDP) and its objectives. Dr. Trivedi and Dr. Bhatnagar suggested some modifications to the proposed FDP.

After a discussion, Dr. Pandey moved to approve the proposed FDP with the suggested modifications, which was seconded by Dr. Ansari. The proposal was approved unanimously.

Action taken on feedback:

Dr. Gadgil presented the action taken on the feedback received from the previous BOS meeting. Dr. Bhatnagar suggested some additional actions to be taken. After a discussion, Dr. Ansari moved to approve the actions taken along with the suggested additional actions, which was seconded by Dr. Pandey. The actions were approved unanimously.

Other Matters:

Dr. Bhatnagar raised some other matters to be discussed, but since they were not related to the agenda, the chairperson suggested discussing them in the next meeting.

The meeting was adjourned by the Chairperson, Dr. Gadgil.

Minutes recorded by: Dr. Roohi Ansari

Ansari 29/11/2021

Dr. Roohi Ansari
Coordinator, BoS Geography.

Coordinator, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Dr. Vishnu Gadgil
Chairperson BoS Geography.

Chairperson, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Govt. Holkar (Model Autonomous) Science College Indore

Department Of Geology

Board of Studies 2021-22

Minutes of the Meeting

Board of Studies (BOS) Meeting for Geology

Date: **29/11/2021**

Time:1.30PM

Location: Conference Hall, Department of Geology

Attendees:

List attached

Agenda:

1 Approval of last BoS

2 Implementation of NEP in UG first year as per ordinance 14(a) 0f Madhya Pradesh government

3 Approval of new courses (1) Major first semester (2) Minor first semester (3) Open elective first semester (4) Major Second semester (5) Minor second Semester (6) Open Elective second Semester (7) vocational subject (8) Practical Courses

4 Approval of Value-Added Courses

5 Approval of FDP

6 Action taken on feedback.

7 Others with the permission of the Chairperson

Discussion:

Approval of the minutes of the previous BoS meeting.

The chairperson, Dr. Vishnu Gadgil, called the meeting to order and Dr. Gadgil moved to approve the minutes of the previous BoS meeting that was held on 28/11/2020. Dr. Shailesh Chaure seconded the motion, and the minutes were approved unanimously.

Implementation of NEP in UG first year (First and Second semester) as per ordinance 14(a) of Madhya Pradesh government

Dr. Poonam Bhatnagar presented the proposed implementation of NEP in UG first year (First and Second semester) as per ordinance 14(a) of Madhya Pradesh government. Dr. Shailesh Chaure informed regarding the practical feasibility of the proposed changes. After a thorough discussion, Dr. Parul Pandey moved to approve the proposed implementation with some minor modifications, which was seconded by Dr. Roohi Ansari. The proposal was approved unanimously.

Approval of new courses:

The following new courses were presented for approval:

(1) Major first semester- **Physical Geology**

(2) Minor first semester- **Crystal and Mineral Sciences**

(3) Open elective first semester- **Elements of Geology**

(4) Major second semester- **Crystal and Mineral Sciences**

(5) Minor second semester- **Physical Geology**

(6) Open elective second semester vocational subject- **Minerals and Rocks**

(7) Practical courses

(1) Major first semester- **Physical Geology**

(2) Minor first semester- **Crystal and Mineral Sciences**

(3) Major second semester- **Crystal and Mineral Sciences**

(4) Minor second semester- **Physical Geology**

Dr. Chaure presented the course proposals and Dr. Bhatnagar suggested some modifications to the proposed courses. After a discussion, Dr. Chaure moved to approve the proposed courses with the suggested modifications, which was seconded by Dr. Parul. The courses were approved unanimously.

Approval of value-added courses:

Dr. Roohi Ansari presented the proposed value-added. titled **"Fundamentals of GIS Using Open Source Software"**. The course will span 30 hours and aims to provide students with a strong foundation in GIS and its applications using open-source software.

GIS, or Geographic Information System, is a powerful tool that enables the capture, analysis, and visualization of geospatial data. It has widespread applications in various fields, including geology, urban planning, forestry, and environmental science, to name a few. Overall, this value-added course is an excellent opportunity for students to acquire new skills and enhance their knowledge in GIS and its applications using open source software.

21-22

Dr. Bhatnagar raised some concerns regarding the feasibility of the courses. After a discussion, Dr. Parul moved to approve the proposed value-added courses with some minor modifications, which was seconded by Dr. Chaure. The proposal was approved unanimously.

Approval of FDP :

Dr. Shailesh Chaure presented the proposal for the Faculty Development Program (FDP) and its objectives. Dr. Parul Pandey suggested some modifications to the proposed FDP. After a discussion, Dr. Bhatnagar moved to approve the proposed FDP with the suggested modifications, which was seconded by Dr. Roohi Ansari. The proposal was approved unanimously.

Action taken on feedback.

Dr. Gadgil presented the action taken on the feedback received from the previous BOS meeting. Dr.Chaure suggested some additional actions to be taken. After a discussion, Dr. Parul moved to approve the actions taken along with the suggested additional actions, which was seconded by Dr. Bhatnagar. The actions were approved unanimously.

Other Matters

Geological field studies, industry visit, mines visit and internships with concerned geoscientific organizations in UG and PG classes are essential parts of the curriculum subject experts and other members agreed for continuing this good practice in NEP.

Dr. Pandey raised some other matters to be discussed, but since they were not related to the agenda, the chairperson suggested discussing them in the next meeting.

The meeting concluded with a vote of thanks; Chairperson thanked all members for their participation.

Coordinator BoS

Coordinator, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Chairperson BoS

Chairperson, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

शासकीय होल्कर विज्ञान महाविद्यालय इन्दौर (म.प्र.)

सत्र 2021-22

'भाषा' - विभाग

अध्ययन परिषद की बैठक - 2021-22

हिन्दी-भाषा

दिनांक 01/04/2022 को अपरान्ह 1.00 बजे हिन्दी विभाग में अध्ययन परिषद की बैठक सम्पन्न हुई। जिसमें सर्व सम्मति से यह निर्णय लिया गया कि उच्चशिक्षा विभाग की केन्द्रीय परिषद द्वारा अनुशंसित एवं महामहिम राज्यपाल द्वारा अनुमोदित बी.एस.सी. प्रथम वर्ष / बी.एस.सी. द्वितीय वर्ष / बी.एस.सी. तृतीय वर्ष एवं बी.सी.ए. II (द्वितीय) सेमेस्टर के पाठ्यक्रम को महाविद्यालयीन छात्र / छात्राओं के अध्ययन हेतु रखा जावे।

बी.एस.सी. प्रथम वर्ष का पाठ्यक्रम नई शिक्षा नीति के अन्तर्गत रखा गया है जिसका पेपर 50 अंकों का होगा तथा आधार पाठ्यक्रम के अन्तर्गत होगा जिसका शीर्षक - "भाषा और संस्कृति" तथा परीक्षा का प्रकार वस्तुनिष्ठ प्रश्न होंगे। इसमें CCE नहीं होगा इसके अतिरिक्त ऑर्डिनेन्स (ORDINANCE) 14-A के अन्तर्गत इस पाठ्यक्रम को बायोसमूह प्रथम सेमेस्टर तथा गणितसमूह द्वितीय सेमेस्टर के अनुसार रखा गया है।

बी.एस.सी. द्वितीय व तृतीय वर्ष के प्रश्न पत्र "हिन्दी भाषा और नैतिक मूल्य" के लिए 40+10 CCE अंक निर्धारित हैं परन्तु सत्र 2021-22 में दोनों समूह (बायो + गणित) के प्रश्नपत्रों की पद्धति को बदल कर वस्तुनिष्ठीय

प्रश्नों के रूप में रखी गयी है जिसमें 40 अंकों के प्रश्न व 10 अंकों के CCE होंगे। बी॰ सी॰ ए II सेमेस्टर के लिए भी॰ हिन्दी भाषा का पाठ्यक्रम 50 अंकों का होगा जो गणित समूह के लिए होगा तथा उसके प्रश्न भी॰ बहुविकल्पीय पद्धति से होंगे। बी॰ सी॰ ए॰ पाठ्यक्रम II सेमेस्टर हिन्दी भाषा शीर्षक "भाषा और संस्कृति" होगा।

बैठक में निम्न सदस्य उपस्थित रहे—

1. डॉ॰ मनोरमा अग्रवाल (विभागाध्यक्ष) 01-04-2022
2. श्री श्याम शर्मा (उद्योग प्रतिनिधि)
3. डॉ॰ शशि जोशी [विषय विशेषज्ञ]
4. डॉ॰ वन्दना जैन [विषय विशेषज्ञ] 1.4.22
5. डॉ॰ योगेन्द्र नाथ शुक्ल (विषय विशेषज्ञ) 01.04.2022
6. रेखा शर्मा
7. डॉ॰ इन्दु तिवारी विभागाध्यक्ष (अंग्रेजी विभाग)
8. डॉ॰ रुक्मिणी नवानी प्राध्यापक
9. डॉ॰ कांता मूलचंदानी " (Eng. Dept.)
10. डॉ॰ रजनी मिश्रा "
11. डॉ॰ रेणु ओझा "
12. डॉ॰ किरण सिठोले "
13. डॉ॰ अंजना कौर वनस्पति विज्ञान
14. डॉ॰ एकता गायकवाड़
15. श्रीमती रेखा सोनी
16. डॉ॰ भारती सिसोदिया
17. डॉ॰ सोना साक्ले
18. मुकेश वर्मा

Govt. Holkar (Model Autonomous) Science College Indore

Department Of Horticulture

Board of Studies 2021-22

Minutes of the Meeting

Board of Studies (BOS) Meeting for Horticulture

Date: 11/11/2021

Time:11.00AM

Location: Conference Hall, Department of Horticulture

Attendees:

List attached

Agenda:

1 Approval of last BoS

2 Implementation of NEP- 2020 in UG first year as per ordinance 14(a) 0f Madhya Pradesh government

3 Approval of new courses (1) Major first semester (2) Minor Second first semester (3) Open elective first semester (4) Major Second semester(5) Minor second Semester (6) Open Elective second Semester (7) vocational subject (8) Practical Courses

4 Approval of Value Added Courses

5 Approval of FDP

6 Action taken on feed back

7 Others with the permission of the Chairperson

Discussion:

Approval of Last BoS Minutes:

The BoS reviewed and approved the minutes from the last meeting.

Implementation of NEP- 2020 in UG first year as per ordinance 14(a) 0f Madhya Pradesh government :

The BoS discussed the implementation of the National Education Policy (NEP) 2020 in the undergraduate (UG) first year Horticulcture curriculum. Dr. Pancholi, the Chairperson, emphasized the importance of incorporating the new policies in the curriculum. Dr. Dharmendra, Dr. Jat, Dr. Chaturvedi, and Dr. Vyas shared their perspectives and proposed ideas for implementing the changes. The BoS agreed to adopt the semester system and the scheme and credit system as per the ordinance 14(A) of the government of Madhya Pradesh. They also identified the necessary changes in the syllabus, teaching methodology, and assessment methods, and set a timeline for implementation.

Approval of New Courses:

The BoS reviewed and approved the proposal for new courses . Dr. Jat presented the proposal and explained the course structure and objectives. The BoS discussed the feasibility of the courses and suggested minor modifications to the syllabus. The courses approved are:

(1) Major in First Semester- **Fundamentals of Horticulture**

(2) Minor in Second Semester- **Horticulture Production**

(3) Open Elective in First Semester- **Fundamentals of Horticulture**

(4) Major in Second Semester- **Horticulture Production**

(5) Minor in Second Semester- **Fundamentals of Horticulture**

(6) Open Elective in Second Semester- **Commercial Horticulture Production technology**

(7) practical Courses

(1) Major in First Semester- **Fundamentals of Horticulture**

(2) Minor in Second Semester- **Horticulture Production**

(3) Major in Second Semester- **Horticulture Production**

(4) Minor in Second Semester- **Fundamentals of Horticulture**

Approval of value-added courses:

The chairperson presented a proposal for the introduction of value-added courses" **Nusery Management** " for the students. Dr. Pancholi suggested including courses on soft skills, personality development, and entrepreneurship. The members approved the proposal with a few modifications.

Approval of FDP:

The BoS reviewed and approved the Faculty Development Program (FDP) for Horticulture faculty members. Dr. Pancholi outlined the areas of focus for the FDP members provided their suggestions for the program. The BoS identified the mode of delivery and the expected outcomes of the program.

Action Taken on Feedback:

The BoS reviewed the feedback received from students, faculty members, and other stakeholders, and discussed the action taken on the feedback. The BoS identified the areas of improvement and set the plan for implementing the feedback.

Others with the Permission of the Chairperson:

The Chairperson allowed the discussion of any other matter that was not included in the above agenda.

Adjournment:

The meeting was adjourned after all agenda items were discussed and decisions were made.

Govt. Holkar (Model Autonomous) Science College Indore

Department Of Mathematics

Board of Studies 2021-22

Minutes of the Meeting

Board of Studies (BOS) Meeting for Mathematics

Date:27/11/2021

Time:2.30PM

Location: Conference Hall, Department of Mathematics

Attendees:

List attached

Agenda:

1 Approval of last BoS

2 Implementation of NEP in UG first year as per ordinance 14(a) 0f Madhya Pradesh government

3 Approval of new courses (1) Major first semester (2) Minor Second first semester (3) Open elective first semester (4) Major Second semester(5) Minor second Semester (6) Open Elective second Semester (7) vocational subject (8) Practical Courses

4 Approval of FDP

5 Action taken on feed back

6Othes with the permission of the Chairperson

Agenda:

Approval of last Board of Studies (BOS) meeting minutes - The Chairperson, Dr. Garg, called the meeting to order and the minutes from the last BOS meeting were presented by Dr. Jain. The minutes were reviewed and approved by the members present.

Implementation of NEP in UG first year as per Ordinance 14(a) of Madhya Pradesh government - Dr. Mujumdar presented the details of the implementation of the National Education Policy (NEP) in the first year of the undergraduate program. Dr. Raich raised some concerns, which were addressed by the members. The proposal was approved unanimously.

Approval of new courses - The following new courses were presented for approval:

Major first semester- **Algebra, Vector Analysis and Geometry**

Minor second first semester- **Calculus and Differential Equations**

Open elective first semester- **Mathematical Logic and Sets**

Major second semester- **Calculus and Differential Equations**

Minor second semester- **Algebra, Vector Analysis and Geometry**

Open elective second semester vocational subject- **Matrices, Geometry and Vector Algebra**

Dr. Randive presented the details of each course and the discussion followed. Dr. Mishra suggested some modifications which were incorporated in the proposal. The proposal was approved with some changes.

Approval of Faculty Development Programs (FDP) - Dr. Raich presented the proposal for FDPs. The members discussed the proposal and unanimously approved it.

Action taken on feedback - Dr. Garg presented the feedback received from the students and the action taken on it. The members appreciated the efforts taken by the faculty.

Other matters with the permission of the chairperson - Dr. Mujumdar raised the issue of the curriculum for the next academic year. Dr. Jain suggested forming a committee to discuss it. Dr. Garg agreed and appointed the committee members, including Dr. Randive, Dr. Mishra, and Dr. Raich.

The meeting was adjourned by Dr. Garg.

Coordinator, Board of Studies
Govt. Holkar (Model Autonomous),
Science College, Indore

Chairperson, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Govt. Holkar (Model Autonomous) Science College Indore

Department Of Micro Biology

Board of Studies 2021-22

Minutes of the Meeting

Board of Studies (BOS) Meeting for Micro Biology

Date: 12/10/2021

Time:2.00PM

Location: Conference Hall, Department of Micro Biology

Attendees:

List attached

Agenda:

1 Approval of last BoS

2 Implementation of NEP in UG first year as per ordinance 14(a) 0f Madhya Pradesh government

3 Approval of new courses (1) Major first semester (2) Minor first semester (3) Open elective first semester (4) Major Second semester(5) Minor second Semester (6) Open Elective second Semester (7) vocational subject (8) Practical Courses

4 Approval of Value Added Courses

5 Approval of FDP

6 Action taken on feed back

7 Other with the permission of the Chairperson

Agenda:

Approval of the minutes of the previous meeting

The minutes of the previous meeting were reviewed and approved by the members present.

Implementation of NEP in UG first year as per ordinance 14(a) of Madhya Pradesh government

DR Vyas discussed the new guidelines for the implementation of NEP in UG first year as per ordinance 14(a) of Madhya Pradesh government. The board approved the guidelines and will implement them in the upcoming academic year.

Approval of new courses

The following new courses were proposed and approved by the board:

(1) Major in **General Microbiology and Cell Structure** - First Semester

(2) Minor in **Microbial Tools and Techniques** - First Semester

(3) Open Elective in **Instrumentation in Microbiology**- - First Semester

(4) Major in **Microbial Tools and Techniques** –Second Semester

(5) Minor in **General Microbiology and Cell Structure** - Second Semester

(6) Open Elective **Laboratory Techniques in Microbiology**- Second Semester

(7) Practical Courses

(1) Major in **Study of Microorganisms** - First Semester

(2) Minor in **Microbial Tools and Techniques** - First Semester

(3) Major in **Microbial Tools and Techniques** – Second Semester

(4) Minor in **General Microbiology and Cell Structure** - Second Semester

Approval of value-added courses

Dr. Vyas proposed a value-added course on **"Human Impact on Air Environment"** .The course was approved by the board.

Approval of FDP

The board approved the proposal for a Faculty Development Programme on "Current Trends in Microbiology Research." Dr. Khare and Prof. Sharma will coordinate the programme.

Action taken on feedback

The board reviewed the feedback received from students and faculty members and discussed the action taken on the suggestions. Dr. Khare will work on the implementation of the suggested changes in the laboratory facilities.

Other matters with the permission of the chairperson

Dr. Vyas gave permission for the following matters to be discussed:

Discussion on the upcoming National Conference on Microbiology to be held in October. Dr. Vyas and Dr. Deepti will coordinate the conference.

Proposal for a new research project on "Antimicrobial resistance in clinical isolates." Prof. Sharma and Dr. Khare will work on the proposal.

The meeting was adjourned at 4:00 pm.

Minutes prepared by:

Dr. Deepti Khare

Coordinator, Department of Micro Biology

Coordinator, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Dr. Sanjay Vyas

Chairperson, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Govt. Holkar (Autonomous) Science College, Indore [M.P]

Department of Microbiology

Date: 12/10/2021

Attendees:

Dr. Sanjay Vyas, Chairperson

Dr. Alka Vyas, Member

Dr. Sadhana Nighojkar, Member

Dr. Saugandha Singh, Member

Mr. Vinod Gupta, Member

Ms. Sadhana Solanki, Member

Prof. Anuja Sharma, Member

Dr. Deepti Khare, Coordinator

Dr. Sanjay Vyas

Chairman, BoS

Department of Microbiology

Chairperson, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Govt. Holkar (Model Autonomous) Science College Indore

Department Of Pharmaceutical Chemistry

Board of Studies 2021-22

Minutes of the Meeting

Board of Studies (BOS) Meeting for Pharmaceutical Chemistry

Date: 29/10/2021

Time:2.00PM

Location: Conference Hall, Department of Pharmaceutical Chemistry

Attendees:

List attached

Agenda:

1 Approval of minutes of previous BOS .

2 Implementation of NEP in UG first year as per ordinance 14(a) 0f Madhya Pradesh , Government .

3 Approval of new courses

B.Sc. I sem.

(1) Major (2) Minor (3) Open elective (4) practical courses

B.Sc. II sem.

(5) Major (6) Minor (7) Open Elective (8) Practical Courses

4 Approval of value added Course

5 Approval of FDP

6 consideration on feed back

7 Any other agenda with the permission of the Chairperson

Proceedings :

Approval of minutes of the last BOS meeting:

The chairperson, Dr. M.K. Diwedi, welcomed all the members of the Board of Studies and called the meeting to order. The minutes of the last BOS meeting were presented and discussed. prof. Hema suggested a few changes, which were duly noted, and the minutes were approved.

Implementation of NEP in UG first year as per ordinance 14(a) of Madhya Pradesh government:

The members discussed the implementation of the New Education Policy (NEP) in the first year of the Undergraduate (UG) course, as per ordinance 14(a) of the Madhya Pradesh government. Dr. Rashmi Agarwal highlighted the need to align the course curriculum with the NEP guidelines.

Approval of new courses:

(1) Major in the first semester **Pharmaceutical Inorganic Chemistry**

(2) Minor in the second semester- **Pharmaceutical organic Chemistry**

(3) Open elective in the first semester- **Fundamentals of Drug Chemistry**

(4) Major in the second semester- **Pharmaceutical organic Chemistry**

(5) Minor in the second semester- **Pharmaceutical Inorganic Chemistry**

(6) Open elective in the second semester- **Basic Concepts of Pharmaceutical Chemistry**

(7) Practical courses

(1) Major in the first semester **Pharmaceutical Inorganic Chemistry**

(2) Minor in the second semester- **Pharmaceutical organic Chemistry**

(3) Major in the second semester- **Pharmaceutical organic Chemistry**

(4) Minor in the second semester- **Pharmaceutical Inorganic Chemistry**

Dr. Sharma suggested that the curriculum for the new courses should be designed keeping in mind the current market demand and the latest research trends. The chairperson instructed the

members to form a sub-committee to prepare the curriculum and present it in the next BOS meeting.

Approval of value-added courses:

The chairperson presented a proposal for the introduction of value-added courses" **An Introduction to Drugs & Medicine"** for the students. Dr. M.K. Diwedi suggested to include a course on soft skills, personality development, and entrepreneurship. Dr. Rashmi Agarwal recommended a course on manufacturing ,analysis and regulatory affairs of drugs and medicines . The members approved the proposal with a few modifications.

Approval of Faculty Development Programs (FDP):

The members discussed the FDP programs for the faculty members. Prof. Hema Kochar proposed organizing a workshop on Good Laboratory Practices (GLP) and Good Manufacturing Practices (GMP) for the faculty members. Dr. Sharma suggested organizing a workshop on Current Good Manufacturing Practices (cGMP) for the faculty members. The chairperson approved the proposals and instructed the members to organize the workshops.

Action taken on feedback:

The feedback received from the students and faculty members was discussed. Prof. Rashmi Joshi suggested organizing regular interaction sessions with the students to address their concerns. The chairperson instructed the members to take necessary actions based on the feedback received and to provide a report on the same in the next BOS meeting.

Others:

The members discussed other matters related to the course curriculum, examinations, and research activities. Dr. Rashmi Agarwal suggested organizing a guest lecture series on recent advancements in the field of pharmaceutical sciences. Prof. Yadav suggested to invite experts from the industry to interact with the students. Dr. M.K. Diwedi instructed the members to explore the possibilities and to present a plan in the next BOS meeting.

The meeting concluded with a vote of thanks to the chairperson and the members.

Dr. M.K. Dwivedi

Chairperson Board Of Studies

PROFESSOR & HEAD
Deptt. of Pharmaceutical Chemistry
Govt. Holkar Science College
INDORE (M.P.)

Govt. Holkar (Model Autonomous) Science College Indore

Department Of Physics

Board of Studies 2021-22

Minutes of the Meeting

Board of Studies (BOS) Meeting for Physics

Date: 30/11/2021

Time: 10.30 AM

Location: Conference Hall, Department of Physics

Attendees:

List attached

Agenda:

1 Approval of last BoS

2 Implementation of NEP in UG first year as per ordinance 14(a) 0f Madhya Pradesh government

3 Approval of new courses (1) Major first semester (2) Minor Second first semester (3) Open elective first semester (4) Major Second semester(5) Minor second Semester (6) Open Elective second Semester (7) vocational subject (8) Practical Courses

4 Approval of Value Added Courses

5 Approval of FDP

6 Action taken on feed back

7Othes with the permission of the Chairperson

Discussion:

Approval of Last BoS Minutes:

The BoS reviewed and approved the minutes from the last meeting.

Implementation of NEP in UG first year as per ordinance 14(a) 0f Madhya Pradesh government:

The BoS discussed the implementation of the National Education Policy (NEP) 2020 in the undergraduate (UG) first year Physics curriculum. Dr. Gupta, the Chairperson, opened the discussion by emphasizing the importance of incorporating the new policies in the curriculum. Dr. Dagaonkar, Dr. Dixit, Dr. Nidhi, and Dr. Netram shared their perspectives and proposed ideas for implementing the changes. The BoS agreed to adopt the semester system and the scheme and credit system as per the ordinance 14(A) of the government of Madhya Pradesh. They also identified the necessary changes in the syllabus, teaching methodology, and assessment methods, and set a timeline for implementation.

Approval of New Courses:

The BoS reviewed and approved the proposal for new courses in UG Physics. Dr. Dixit and Dr. Nidhi presented the proposal and explained the course structure and objectives. The BoS discussed the feasibility of the courses and suggested minor modifications to the syllabus. The courses approved are:

(1) Major in First Semester- **Thermodynamics and Statistical Physics**

(2) Minor in Second Semester- **Mechanics and General-Properties of Matter**

(3) Open Elective in First Semester- **Mechanics and General-Properties of Matter**

(4) Open Elective in First Semester- **Non-conventional Energy Source-I**

(5) Major in Second Semester- **Mechanics and General-Properties of Matter**

(6) Minor in Second Semester- **Thermodynamics and Statistical Physics**

(7) Open Elective in Second Semester **Thermodynamics**

(8) Open Elective in Second Semester **Non-conventional Energy Source-II**

(9) Practical Courses

(1) Major in First Semester- **Thermodynamics and Statistical Physics**

(2) Minor in Second Semester- **Mechanics and General-Properties of Matter**

(3) Major in Second Semester- **Mechanics and General-Properties of Matter**

(4) Minor in Second Semester- **Thermodynamics and Statistical Physics**

Approval of Value Added Courses:

Dr. Dagaonkar and Dr. Netram presented the proposal for value-added courses **Arduino** " students. The BoS discussed the courses that can be offered, determined the eligibility criteria for students, and set the guidelines for course delivery and assessment. The BoS reviewed and approved the proposal.

Approval of FDP:

The BoS reviewed and approved the Faculty Development Program (FDP) for Physics faculty members. Dr. Gupta outlined the areas of focus for the FDP, and Dr. Dagar, Dr. Bhavna , Dr. Sonu , and Dr. Rathore provided their suggestions for the program. The BoS identified the mode of delivery and the expected outcomes of the program.

Action Taken on Feedback:

The BoS reviewed the feedback received from students, faculty members, and other stakeholders, and discussed the action taken on the feedback. Dr. Gupta, Dr. Dagaonkar, Dr. Dixit, Dr. Nidhi, and Dr. Netram provided their inputs and identified the areas of improvement. The BoS set a plan for implementing the feedback.

Others with the Permission of the Chairperson:

The Chairperson allowed the discussion of any other matter that was not included in the above agenda.

Adjournment:

The meeting was adjourned after all agenda items were discussed and decisions were made.

Coordinator, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Chairperson, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Govt. Holkar (Model Autonomous) Science College Indore

Department Of Seed Technology

Board of Studies 2021-22

Minutes of the Meeting

Board of Studies (BOS) Meeting for Seed Technology

Date: 10/11/2021

Time:3.00PM

Location: Conference Hall, Department of Seed Technology

Attendees:

List attached

Agenda:

1 Approval of last BoS

2 Implementation of NEP- 2020 in UG first year as per ordinance 14(a) 0f Madhya Pradesh government

3 Approval of new courses(UG) (1) Major first semester (2) Minor Second first semester (3) Open elective first semester (4) Major Second semester(5) Minor second Semester (6) Open Elective second Semester (7) vocational subject (8) Practical Courses (9) approval of PG Courses

4 Approval of Value Added Courses

5 Approval of FDP

6 Action taken on feed back

7 Others with the permission of the Chairperson

Approval of Last BoS Minutes

The Board of Studies (BoS) reviewed and approved the minutes of the last meeting.

Implementation of NEP- 2020 in UG first year as per ordinance 14(a) 0f Madhya Pradesh government

The BoS discussed the implementation of the National Education Policy (NEP) 2020 in the undergraduate (UG) first year Seed Technology curriculum. The BoS agreed to adopt the semester system in UG as per ordinance 14(A) of the Government of Madhya Pradesh, and to adopt the scheme and credit system as per the ordinance. The BoS identified the necessary changes needed in the syllabus, teaching methodology, and assessment methods, and set the timeline for implementation.

Approval of New Courses UG & PG

The BoS reviewed and approved the proposal for new courses in UG Seed Technology. The courses approved are:

(1) Major in First Semester- **Principles of Seed Technology**

(2) Minor in Second Semester- **Seed Production and practices**

(3) Open Elective in First Semester- **Introduction of Seed Technology**

(4) Major in Second Semester- **Seed Production and practices**

(5) Minor in Second Semester- **Principles of Seed Technology**

(6) Open Elective in Second Semester **Seed Production and practices**

(7) Practical Courses

(1) Major in First Semester- **Principles of Seed Technology**

(2) Minor in Second Semester- **Seed Production and practices**

(3) Major in Second Semester- **Seed Production and practices**

(4) Minor in Second Semester- **Principles of Seed Technology**

The BoS reviewed and approved the proposal for new courses in PG Seed Technology. The courses approved are:

1. 1.Introduction To Seed Technology
2. Floral Biology, Seed Development and Maturation
3. Seed Physiology
4. Principles Of Seed Production
5. Seed Production of Cereals, Pulses & Oil Seeds
6. Seed Production In Vegetables , Fiber& Fodder Crops
7. Seed Processing & Storage
8. Seed Quality Testing

Approval of Value Added Courses

The BoS reviewed and approved the proposal for value-added courses for UG **Seed Technology** students. The BoS identified the courses that can be offered, determined the eligibility criteria for students, and set the guidelines for course delivery and assessment.

Approval of FDP

The BoS reviewed and approved the Faculty Development Program (FDP) for **Seed Technology** faculty members. The BoS identified the areas of focus for the FDP, the mode of delivery, and the expected outcomes.

Action Taken on Feedback

The BoS reviewed the feedback received from students, faculty members, and other stakeholders, and discussed the action taken on the feedback. The BoS identified the areas of improvement and set the plan for implementing the feedback.

Others with the Permission of the Chairperson

The Chairperson allowed the discussion of any other matter that was not included in the above agenda.

Adjournment:

The meeting was adjourned after all agenda items were discussed and decisions were made.

विभागाध्यक्ष
सीड टेक्नोलॉजी विभाग
शा. होलकर विज्ञान महाविद्या...
इन्दौर (म.प्र.)

Coordinator, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Chairperson, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Govt. Holkar (Model Autonomous) Science College Indore

Department Of Statistics

Board of Studies 2021-22

Minutes of the Meeting

Board of Studies (BOS) Meeting for Statistics

Date: 17/03/2022

Time: 11.30 AM

Location: Department of Statistics

Attendees:

List attached

Agenda:

1 Approval of last BoS

2 Implementation of NEP in UG first year as per ordinance 14(a) 0f Madhya Pradesh government

3 Approval of new courses (1) Major first semester (2) Minor first semester (3) Open elective first semester (4) Major Second semester (5) Minor second Semester (6) Open Elective second Semester (7) Practical Courses

4 Approval of FDP

5 Action taken on feed back

6 Others with the permission of the Chairperson

Discussion:

Approval of Last BoS Minutes: The BoS reviewed and approved the minutes from the last meeting.

Implementation of NEP in UG first year as per ordinance 14(a) of Madhya Pradesh government: Dr. Unnati Bhayare initiated the discussion on the implementation of the National Education Policy (NEP) 2020 in the Undergraduate (UG) first year Statistics curriculum. The faculty members agreed to adopt the semester system and the scheme and

credit system as per the college's ordinance. They also discussed the necessary changes in the syllabus, teaching methodology, and assessment methods and set a timeline for implementation.

Approval of New Courses: Dr. Unnati Bhayare proposed the new courses for UG Statistics, which were reviewed and approved by the faculty members. The courses approved are:

(1) Major in First Semester - **Descriptive Statistics**

(2) Minor in Second Semester - **Basic Statistics**

(3) Open Elective in First Semester - **Elementary Statistics**

(4) Major in Second Semester - **Probability and Probability Distribution**

(5) Minor in Second Semester - **Theory of Probability and Probability Distribution**

(6) Open Elective in Second Semester - **Introduction to Probability Theory**

(7) Practical Courses:

(1) Major in First Semester - **Hands on fitting of Standard Probability Distribution**

(2) Minor in First Semester - **Hands on fitting of Standard Probability Distribution**

(4) Major in Second Semester - **Hands on fitting of Standard Probability Distribution**

(5) Minor in Second Semester - **Hands on fitting of Standard Probability Distribution**

Approval of FDP: Dr. Unnati Bhayare discussed the Faculty Development Program (FDP) for faculty members. The faculty members identified the areas of focus for the FDP, the mode of delivery, and the expected outcomes, which were approved by the BoS.

Action Taken on Feedback: The faculty members reviewed the feedback received from students, faculty members, and other stakeholders, and discussed the action taken on the feedback. They identified the areas of improvement and set a plan for implementing the feedback.

Others with the Permission of the Chairperson: The Chairperson allowed the discussion of any other matter that was not included in the above agenda.

Adjournment: The meeting was adjourned after all agenda items were discussed and decisions were made.

Minutes recorded by:

BoS coordinator

Coordinator, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Chairman BoS

Chairperson, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

BOARD OF STUDIES MINUTES

2021-2022

Today on 17/03/2022; Board of Studies Meeting for B. Sc. I Year held in Statistics Department. Following members were present in the meeting –

1. Dr. Shakti Banerjee (Subject Expert)
   (Head, School of Statistics, Devi Ahilya University; Indore)
2. Prof. Mangala Chouragde (Subject Expert)
   (Assistant Professor, Govt. Arts & Science P.G. College, Ratlam)
3. Dr. Unnati Bhayare (Chairperson)
   (Head, Department of Statistics, Govt. Holkar Science College, Indore)
4. Dr. Rashmi Awad (Member)
   (Guest Faculty, Department of Statistics, Govt. Holkar Science College, Indore)
5. Prof. Kunika Tiwari (Member)
   (Visiting Faculty, Department of Statistics, Govt. Holkar Science College, Indore)
6. Prof. Surbhi Ghodki (Member)
   (Visiting Faculty, Department of Statistics, Govt. Holkar Science College, Indore)
7. Prof. Yamini Gadhwal (Member)
   (Visiting Faculty, Department of Statistics, Govt. Holkar Science College, Indore)
8. Prof. Divya Trivedi (Member)
   (Visiting Faculty, Department of Statistics, Govt. Holkar Science College, Indore)

Following decisions were made in the meeting –

- Under letter No. 1148/2021 of Examination Department, Govt. Holkar Science College, Indore, in perspective of National Education Policy under

सत्र - 2021-2022

सांख्यिकी अध्ययन मंडल परिषद की बैठक आज दिनांक 27/11/2021 को विभाग में offline एवं online mode में आयोजित की गई। बैठक में निम्न सदस्य उपस्थित हुए।

1) डॉ. प्रवीण गुप्ता (Subject expert)
(विभागाध्यक्ष, सांख्यिकी विक्रम वि. वि. उज्जैन

2) डॉ. शक्ति बैनर्जी (subject expert)
(विभागाध्यक्ष, सांख्यिकी दे. अ. वि. वि, इन्दौर)

3) प्रो. मंगला चौरागढे (subject expert)
(सहायक प्रध्यापक, शा. कला विज्ञान स्नातकोत्तर महा वि., रतलाम)

4) डॉ. उन्नति भायरे (chairperson)
(विभागाध्यक्ष, सांख्यिकी हो. वि. महा., इन्दौर)

5) डॉ. रश्मि अवाड़ (सदस्य)
(अतिथि विद्वान, सांख्यिकी हो. वि. महा., इन्दौर

6) प्रो. कुनिका तिवारी (सदस्य)
(आमंत्रित शिक्षक, सांख्यिकी हो. वि. महा., इन्दौर

7) प्रो. रीता कुमावत (सदस्य)
(आमंत्रित शिक्षक, सांख्यिकी हो. वि. महा., इन्दौ

8) प्रो. सुरभि घोड़की (सदस्य)
(आमंत्रित शिक्षक, सांख्यिकी हो. वि. मंत्र, इन्दौर)

9) प्रो. यामिनी गढवाल (सदस्य) Yamini Gadwal
(आमंत्रित शिक्षक, सांख्यिकी हो. वि. मंत्र, इन्दौर)

10) प्रो. वैशाली जाधव (सदस्य) Vaishali
(आमंत्रित शिक्षक, सांख्यिकी हो. वि. मंत्र, इन्दौर)

11) प्रो. श्वेता कुशवाह (सदस्य) Shweta
(आमंत्रित शिक्षक, सांख्यिकी हो. वि. मंत्र, इन्दौर)

12) प्रो. दिव्या त्रिवेदी (सदस्य)
(आमंत्रित शिक्षक, अर्थशास्त्र हो. वि. मंत्र, इन्दौर)

बैठक में निम्नानुसार निर्णय लिए गए -

1) परिक्षा विभाग शा. हो. वि. मंत्र, इन्दौर के पत्र क्रं 1154/2021 के तहत मत्स्यविद्यालय में राष्ट्रीय शिक्षा नीति 2020 के तहत मत्स्यविज्ञान परिप्रेक्ष्य में अध्यादेश 14-A के तहत सत्र 2021-22 में नव प्रवेशित बी.एससी प्रथम वर्ष में सेमेस्टर सिस्टम लागू किया जा रहा है।

2) अतः उच्च शिक्षा विभाग म.प्र. सरकार की नवीन शिक्षा नीति के तहत केन्द्रीय अध्ययन मंडल से अनुशंसित अनुशंसित एवं म.प्र.

के राज्यपाल द्वारा अनुमोदित बी.एससी. प्रथम वर्ष के पाठ्यक्रम को सेमेस्टर सिस्टम में लागू करने की अनुशंसा की गई।

3) नवीन शिक्षा नीति के अनुसार बी.एससी. प्रथम सेमेस्टर में मुख्य एवं गौण विषय का एक प्रश्न पत्र (6 क्रेडिट का) एवं वैकल्पिक प्रश्न पत्र (5 क्रेडिट का) लागू किया गया।

4) इस शिक्षा नीति के अनुसार बी.एससी. प्रथम सेमेस्टर में मुख्य एवं गौण विषय की एक प्रायोगिक परीक्षा होगी, जिसके कुल अंक 100 होंगे। जिसमें बाहरी मूल्यांकन के 75 एवं आंतरिक मूल्यांकन के 25 अंक होंगे।

5) नवीन शिक्षा नीति के अनुसार बी.एससी. द्वितीय सेमेस्टर में मुख्य एवं गौण विषय का एक प्रश्न पत्र (6 क्रेडिट का) एवं वैकल्पिक प्रश्न पत्र (5 क्रेडिट का) लागू किया गया।

6) इस शिक्षा नीति के अनुसार बी.एससी. द्वितीय सेमेस्टर में मुख्य एवं गौण विषय की एक प्रायोगिक परिक्षा होगी, जिसके कुल अंक 100 होंगे, जिसमे बाहरी मूल्यांकन के 75 एवं आंतरिक मूल्यांकन के 25 अंक होंगे।

7) उच्च शिक्षा विभाग मध्यप्रदेश सरकार की वार्षिक स्नातक पाठ्यक्रम दोहरी प्रश्न पत्र प्रणाली के तहत केन्द्रीय अध्ययन मण्डल से अनुशासित बी.एससी. द्वितीय एवं तृतीय वर्ष के पाठ्यक्रम को सत्र २०२१-२२ में यथावत लागू करने की अनुशंसा की गई।

8) बी.एससी. द्वितीय एवं तृतीय वर्ष के पाठ्यक्रम में प्रथम प्रश्न पत्र के अंतर्गत सैद्धांतिक प्रश्न पत्र के अधिकतम अंक ५० एवं उत्तीर्णांक १५ तथा तिमाही व छः माही परीक्षा के पूर्णांक १० अंक होंगे। प्रथम प्रश्न पत्र के कुल अंक ६० (सैद्धांतिक + तिमाही, छः माही) होंगे।

9) इसी प्रकार बी.एससी. द्वितीय एवं तृतीय वर्ष के पाठ्यक्रम में द्वितीय प्रश्न पत्र के अंतर्गत सैद्धांतिक प्रश्न पत्र के अधिकतम अंक ५० एवं उत्तीर्णांक १५ तथा तिमाही व छः माही परीक्षा के पूर्णांक १००१० अंक होंगे। द्वितीय प्रश्न पत्र के कुल अंक ६० (सैद्धांतिक + तिमाही, छः माही) होंगे।

10) इस प्रकार कुल प्रश्न पत्र (२) + प्रायोगिक मिलाकर १६० अंक पूर्णांक होंगे।

11) स्नातकोत्तर पाठ्यक्रमो की सम्पूर्ण समीक्षा की गई। प्रथम, द्वितीय, तृतीय, चतुर्थ सेमेस्टर

में CBCS पद्धति से पढाया जा रहा है।

(2) सभी विशेषज्ञो के अभिमत से छात्रहित में पुनरीक्षित पाठ्यक्रमो को शैक्षणिक वर्ष 2021-22 के लिए पढाए जाने की अनुशंसा की गई।

(3) बैठक में प्रत्येक प्रश्नपत्रो के पाठ्यक्रमो पर विस्तृत चर्चा के उपरांत, विशेषज्ञो द्वारा सुझाव देकर पाठ्यक्रमो का अनुमोदन किया गया।

(4) विभागाध्यक्ष द्वारा अध्ययन परिषद में आमंत्रित महानुभावो को धन्यवाद दे कर मीटिंग समाप्त की गई।

Secretary

Vandana Bhargava 27.11.2021

Ward 27/11/2021

Vaishali

Kunjlata

Chairman

Govt. Holkar (Model Autonomous) Science College Indore

Department Of Zoology

Board of Studies 2021-22

Minutes of the Meeting

Board of Studies (BOS) Meeting for Zoology

Date: 1/10/2021

Time: 10.30 AM

Location: Conference Hall, Department of Zoology

Attendees:

List attached

Agenda:

1 Approval of last BoS

2 Implementation of NEP in UG first year as per ordinance 14(a) 0f Madhya Pradesh government

3 Approval of new courses (1) Major first semester (2) Minor Second first semester (3) Open elective first semester (4) Major Second semester(5) Minor second Semester (6) Open Elective second Semester (7) vocational subject (8) Practical Courses

4 Approval of Value Added Courses

5 Approval of FDP

6 Action taken on feed back

7Othes with the permission of the Chairperson

Discussion:

Approval of Last BoS Minutes:

The BoS reviewed and approved the minutes from the last meeting.

Implementation of NEP in UG first year as per ordinance 14(a) 0f Madhya Pradesh government

The BoS discussed the implementation of the National Education Policy (NEP) 2020 in the undergraduate (UG) first year Zoology curriculum. The BoS agreed to adopt the semester system and the scheme and credit system as per the college's ordinance. They also identified the necessary changes in the syllabus, teaching methodology, and assessment methods, and set a timeline for implementation. Dr. Khullar and Dr. Jain provided valuable insights based on their research and experience in teaching the UG first year course.

Approval of New Courses:

The BoS reviewed and approved the proposal for new courses in UG Zoology. The courses approved are:

(1) Major in First Semester- **Animal Diversity & Non Chordates**

(2) Minor in Second Semester- **Cell Bilogy, Reproductive Biology & Devlopmental Biology**

(3) Open Elective in First Semester- **Cell Bilogy, Reproductive Biology**

(4) Major in Second Semester- **Cell Bilogy, Reproductive Biology & Devlopmental Biology**

(5) Minor in Second Semester- **Animal Diversity & Non Chordates**

(6) Open Elective in Second Semester **Developmental Biology & Reproductive Techniques**.

Dr. Prajapat and Dr. Vipul Sharma proposed the inclusion of specific topics in the courses based on the latest research in the field.

Approval of Value Added Courses:

The BoS reviewed and approved the proposal for value-added courses namely, "**Application of Tools & Techniques in Biology**" course will span 30 hours and aims to equip students with knowledge and skills in their respective fields.

Course is designed to enhance students' knowledge and skills in their respective fields, thereby increasing their employability and career prospects. The courses will be taught by experienced faculty members and guest lectures.

Overall, value-added courses is an excellent opportunity for students to acquire new skills and knowledge in **Application of Tools & Techniques in Biology**, and prepare themselves for a successful career in this fields.Dr. Dagaonkar and Dr. Prajapat suggested including field visits as part of the value-added courses to provide students with hands-on experience.

Approval of FDP:

The BoS reviewed and approved the Faculty Development Program (FDP) for Zoology faculty members. The BoS identified the areas of focus for the FDP, the mode of delivery, and the expected outcomes. Dr. Rekha Sharma suggested including sessions on emerging trends in zoology and innovative teaching methods.

Action Taken on Feedback:

The BoS reviewed the feedback received from students, faculty members, and other stakeholders, and discussed the action taken on the feedback. The BoS identified the areas of improvement and set a plan for implementing the feedback. Dr. Prajapat and Dr. Vipul Sharma provided valuable feedback based on their interactions with students.

Others with the Permission of the Chairperson:

The Chairperson allowed the discussion of any other matter that was not included in the above agenda.

Adjournment:

The meeting was adjourned after all agenda items were discussed and decisions were made.

Coordinator, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore

Chairperson, Board of Studies
Govt. Holkar (Model Autonomous)
Science College, Indore