

**GOVT. HOLKAR (MODEL AUTONOMOUS)
SCIENCE COLLEGE, INDORE**



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



SSR DOCUMENT

2017-18 TO 2021-22

CRITERION -1

CURRICULAR ASPECTS

Metric No.:1.4.1

Document Title:
Academic Council



Title: - Academic Council

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**Government Holkar (Model Autonomous) Science College,
Indore (M.P.)**
(ISO 9001:2015 & ISO 14001:2015 Certified)



Title: - Minutes of Meeting of Academic Council 2017-2018.



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

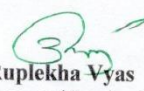
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E-mail: principalhsc@rediffmail.com, Web Address: www.collegeholkar.org
(Re-accredited 'A' Grade by NAAC)

Notice

The following Member are informed that the meeting of the Academic Council is scheduled to be held on 4th Oct. 2017 at 1:30 PM at the Conference Hall.

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

S. No.	Name	Post
1	Dr. Angur Bala Bafna	Member
2	Dr. A. Siddique	Member
3	Dr. Arun Kumar Kher	Member
4	Dr. Anamika Jain	Member
5	Dr. Pradeep Kumar Sharma	Member
6	Dr. C. S. Shrivastava	Member
7	Dr. Vijay R. Chourey	Member
8	Dr. Vishnu Gadgil	Member
9	Dr. Ravindra Garg	Member
10	Dr. Sanjay Vyas	Member
11	Dr. M. K. Dwivedi	Member
12	Dr. Mangla Choragade	Member
13	Dr. Kislava Pancholi	Member
14	Dr. Manorama Agrawal	Member
15	Dr. Indu Tiwari	Member
16	Dr. Rekha Sharma	Member
17	Dr. Hemraj Singh Dagar	Member
18	Dr. Vivek Raich	Member
19	Dr. R.K.Sharma	Member
20	Dr. Rekha Killedar	Member
21	Dr. A. Mishra	Member
22	Dr. A. Sharma	Member
23	Dr. G. K. Pandey	Member
24	Dr. R. C. Dixit	Member Secretary


Dr. Ruplekha Vyas
Principal / Chairperson (Academic Council)
Government Holkar (Model Autonomous)
Science College, Indore

Principal
Government Holkar (Model Autonomous)
Science College, Indore

Govt. Holkar (Model, Autonomous) Science College Indore.

Minutes of the Academic Council

Minutes of the Academic Council of Government Holkar (Model Autonomous) Science College Indore, held at 1 P.M, date 4th October 2017 at the conference hall.

Members Present;

1. Dr A.Mishra
2. Dr R.C Dixit
3. Dr.Arun Kumar Kher
4. Dr.P.K. Sharma
5. Dr.Vishnu Gadgil
6. Dr C.S. Shrivastava
7. Dr.Anamika Jain
8. Dr. A. Bafna
9. Dr.A.Siddique
- 10.Dr.Vijay R. Chourey .
- 11.Dr.Ravindra Garg
- 12.Dr.Sanjay Vyas .
- 13.Dr.M.K. Diwedi .
- 14.Dr. Mangala Choragade
- 15.Dr.Kislay Panchol
- 16.Dr. H.S. Dagar
- 17.Dr. Manorama Agrwal
- 18.Dr. Indu Tiwari

Item no 1 Welcome

Dr. Ruplekha Vyas principal and chairperson extended a warm welcome to the members of the academic council

After this, the agenda was taken up for discussion.

Item no 2: Confirmation of the minutes of the previous meeting.

The chairperson presented the minutes of the previous meeting held on date 6/10/2016 and the action taken thereon.

Dr. M.K. Diwedi proposed to approve the minutes and Dr. Sanjay Vyas supported it. As the member had no objection, The Academic Council unanimously resolved to confirm the minutes of the previous meeting of the Academic Council held on Date 6/10/2016.

Item no 3: To approve the introduction of a yearly scheme for Bachelor and Postgraduate of Science

As per the feedback from students and directions of the Department of Higher Education Government of Madhya Pradesh, from the session 2017 -18 college proposes the yearly scheme in place of the semester scheme. Dr. Anguarbala Bafna proposed a chart for CBCS exam scheme. Dr Pradeep Sharma Suggested that this scheme should be attached with syllabus.

After a brief discussion Academic council approves the curriculum, rules and regulations, scheme of examinations, pattern of evaluation and implementation of the courses from the academic year 2017-18 onwards for Undergraduate and Postgraduate programme.

Item no 4: Marginal increase of seats for 2017-18

Considering the high demand for various UG & PG programmes during 2016-17 Dr Vivik Raich proposed a marginal increase of seats in UG & PG Programmes.

The academic council approve the increase of seats in UG & PG Programs. as the Department of Higher education also permitted for increase in seats.

Item no 5 : Approval of the minutes of board of Studies various department

The chairman invited Chairpersons BOS to present the minutes of the BOS in Alphabetic Order.

5.1 Dr.Bafna presented the minutes of BoS Biochemistry for discussion , the academic Council resolved to approve the introduction of two new courses in B,Sc. First year and also approve the change , modification made in the syllabus of PG.

5.2 Dr.A.Siddique presented the minutes of BoS Bio technology And Bioinformatics for discussion , the academic Council resolved to approve the introduction of two new courses in B,Sc. First year and also approve the change , modification made in the syllabus of PG(Biotechnology) .

5.3 Dr.Arun Kumar Kher presented the minutes of BoS Biotony for discussion , the academic Council resolved to approve the introduction of two new courses in B,Sc. First year and also approve the change , modification made in the syllabus of PG.

5.4 Dr.Anamika Jain presented the minutes of BoS Chemistry for discussion , the academic Council resolved to approve the introduction of two new courses in B,Sc. First year and also approve the change , modification made in the syllabus of PG.

5.5 Dr.P.K. Sharma presented the minutes of BoS Computer Science for discussion , the academic Council resolved to approve the introduction of two new courses in B,Sc. First year and also approve the change , modification made in the syllabus of PG.

5.6 Dr C.S. Shrivastava presented the minutes of BoS Fishries and Zoology for discussion , the academic Council resolved to approve the introduction of two new

courses in B,Sc. First year and also approve the change , modification made in the syllabus of PG.

5.7 Dr.Vijay R. Chourey presented the minutes of BoS Forensic Science for discussion , the academic Council resolved to approve the introduction of two new courses in B,Sc. First year and also approve the change , modification made in the syllabus of PG.

5.8 Dr.Vishnu Gadgil presented the minutes of BoS Geography and Geology for discussion , the academic Council resolved to approve the introduction of two new courses in B,Sc. First year and also approve the change , modification made in the syllabus of PG.

5.9 Dr.Ravindra Garg presented the minutes of BoS Mathematics for discussion , the academic Council resolved to approve the introduction of two new courses in B,Sc. First year and also approve the change , modification made in the syllabus of PG.

5.10 Dr.Sanjay Vyas presented the minutes of BoS Microbiology for discussion , the academic Council resolved to approve the introduction of two new courses in B,Sc. First year and also approve the change , modification made in the syllabus of PG.

5.11 Dr.M.K. Diwedi presented the minutes of BoS Pharma Chemistry for discussion , the academic Council resolved to approve the introduction of two new courses in B,Sc. First year and also approve the change , modification made in the syllabus of PG.

5.12 Dr.R.C. Dixit presented the minutes of BoS Physics for discussion , the academic Council resolved to approve the introduction of two new courses in B,Sc. First year and also approve the change , modification made in the syllabus of PG.

5.13 Dr. Mangala Choragade presented the minutes of BoS Statistics (UG &PG) Economics (UG) for discussion , the academic Council resolved to approve the introduction of two new courses in B,Sc. First year and also approve the change , modification made in the syllabus of PG.

5.14 Dr.Kislay Panchol presented the minutes of BoS Seed Technology for discussion , the academic Council resolved to approve the introduction of two new courses in B,Sc. First year and also approve the change , modification made in the syllabus of PG.

5.15 Dr. H.S. Dagar I presented the minutes of BoS Electronics for discussion , the academic Council resolved to approve the introduction of new courses in B,Sc. Second year

5.16 Dr. Manorama Agrwal presented the minutes of BoS Hindi for discussion , the academic Council resolved to approve the introduction of new courses in B,Sc. First year

5.17 Dr. Indu Tiwari I presented the minutes of BoS English for discussion , the academic Council resolved to approve the introduction of o new courses in B,Sc. First year

Item no 6: Approval of the minutes of result committee

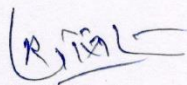
Exam Controller Dr M.M.P.Shrivastava presented the minutes of result committee for approval of results of the end semester examinations for the academic programmes and career-oriented add-on course examinations held during 2016-17. The Academic Council unanimously resolved to confirm the minutes of the result committee meeting .

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

Academics Council Approves the syllabus of Value added course in Physics, Zoology, Computer Science, Chemistry and Micro biology.

Academic Council approved all the MoU Signed by the college/ Departments. The committee congratulate everyone involved and appreciated their efforts taken to sign the MoU.

The Member Secretary Dr.R.C. Dixit delivered the vote of thanks and the academic council meeting ended at 4.30 pm.



Dr. R.C Dixit

Member Secretary Academic Council

Member Secretary, Academic Council
Govt. Holkar (Model Autonomous)
Science College, Indore



Dr. Ruplekha Vyas

Chairperson Academic Council

Chairperson, Academic Council
Govt. Holkar (Model Autonomous)
Science College, Indore



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Title: - Minutes of Meeting of Academic Council 2018-2019.



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Notice

The following Member are informed that the meeting of the Academic Council is scheduled to be held on 12th Oct. 2018 at 1:00 PM at the Conference Hall.

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

S. No.	Name	Post
1	Dr. Angur Bala Bafna	Member
2	Dr. Kiran Bilore	Member
3	Dr. Arun Kumar Kher	Member
4	Dr. Anamika Jain	Member
5	Dr. Pradeep Kumar Sharma	Member
6	Dr. M.M.P. Shrivastava	Member
7	Dr. Vijay R. Chourey	Member
8	Dr. Vishnu Gadgil	Member
9	Dr. Ravindra Garg	Member
10	Dr. Sanjay Vyas	Member
11	Dr. M. K. Dwivedi	Member
12	Dr. R. C. Dixit	Member
13	Dr. Mangla Choragade	Member
14	Dr. Kislaya Pancholi	Member
15	Dr. Manorama Agrawal	Member
16	Dr. Indu Tiwari	Member
17	Dr. Rekha Sharma	Member
18	Dr. Hemraj Singh Dagar	Member
19	Dr. Vivek Raich	Member
20	Dr. Rekha Killedar	Member
21	Dr. A. Mishra	Member
22	Dr. A. Sharma	Member
23	Dr. G. K. Pandey	Member


Dr. Ruplekha Vyas

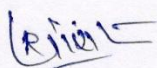
Principal / Chairperson (Academic Council)
Government Holkar (Model Autonomous)
Science College, Indore

Principal
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Science College, Indore

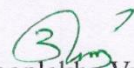
Govt. Holkar (Model, Autonomous) Science College Indore.

***AGENDA FOR THE ACADEMIC COUNCIL AT 1.00PM ON 12th October
2018, AT CONFERENCE HALL***

- Item no.1 :** Welcome and Introductory remarks of the Chairman.
- Item no.2 :** Confirmation of the minutes of the previous meeting.
- Item no 3:** To approve the new Courses
- Item no 4:** To approve the new Value Added Course.
- Item no 5 :** Ratification of the minutes of board of Studies various department.
- Item no 6:** Approval of the minutes of result committee results of the end semester examinations for the academic programs and career-oriented add – on course examinations held during 2017-18
- Item no.7 :** Any other item with the permission of the Chair.



Dr. R.C. Dixit
BoS Coordinator
Member Secretary, Academic Council
Govt. Holkar (Model Autonomous)
Science College, Indore



Dr Rooplekha Vyas
Chairman BoS
Chairperson, Academic Council
Govt. Holkar (Model Autonomous)
Science College, Indore

Govt. Holkar (Model, Autonomous) Science College Indore

Minutes of the Academic Council

Mitting of the Academic Council of Government Holkar (Model Autonomous) Science College Indore was held at 1 P.M, date 12th October 2018 at the conference hall.

Members Present;

1. Dr R.C Dixit
2. Dr. Indu Tiwari
3. Dr.Arun Kumar Kher
4. Dr. M.M.P Shriwatava
5. Dr.P.K. Sharma
6. Dr.Vishnu Gadgil
7. Dr.Anamika Jain
8. Dr. A. Bafna
9. Dr.Kiran Billore
- 10.Dr.Vijay R. Chourey .
- 11.Dr.Ravindra Garg
- 12.Dr.Sanjay Vyas .
- 13.Dr.M.K. Diwedi .
- 14.Dr. Mangala Choragade
- 15.Dr.Kislay Panchol
- 16.Dr. H.S. Dagar
- 17.Dr. Manorama Agrwal
- 18.Dr A.Mishra

Member secretary welcomed the members and invited the external members along with principal for Sarswati pooja. After Sarswati pooja, the member secretary invited the chair to preside over meeting.

Item no 1 Welcome

Dr. Ruplekha Vyas of principal and chairperson extended a warm welcome to the members of the academic council. After this, the agenda was taken up for discussion.

Item no 2: Confirmation of the minutes of the previous meeting.

The chairperson presented the minutes of the previous meeting held on 4th October 2017 and the action taken thereon.

Dr. Anamik Jain proposed to approve the minutes and Dr.P.K Sharma supported it. As the member had no objection, The Academic Council unanimously resolved to confirm the minutes of the previous meeting of the Academic Council held on 4/10/2017.

Item no 3: To approve the new Courses

As per the feedback from students and stakeholders various department has proposed to start a new courses in various classes. The following list of new courses introduced by the various department was tabled by the Dr. Vishnu Gadgil

1. Enzymology
2. Intermediary Metabolism
3. Introduction to Computer & Programming
4. Structural Bioinformatics
5. Biophysics and Biochemistry
6. Bio instrumentation Biostatistics and Bioinformatics
7. Physical Chemistry

8. Inorganic Chemistry
9. Organic Chemistry
10. Object Oriented Programming concept using C++
11. Data Structure
12. Digital Electronics and Microprocessor
13. Operational Amplifier & Instrumentations
14. English Language
15. Hindi Language
16. Environmental Studies
17. Petrology
18. Structural Geology
19. Establishment & management of orchard and nursery
20. Farming Systems in Horticulture
21. Abstract Algebra
22. Advanced calculus
23. Differential Equation
24. Biochemistry and Microbial Physiology
25. Microbial Genetics and Molecular Biology
26. Medicinal Chemistry -I
27. Chemistry of Natural Products
28. Plant Breeding
29. Seed Testing and Quality Control
30. Statistical Inference
31. Sampling Technique
32. Vertebrates & Evolution
33. Animal Physiology & Bio-Chemistry
34. Macro Economics

- 35.Public Finance &International Economics
- 36.Indian Penal Code, Criminal Procedure Code, Indian Evidence Act and Judicial System
- 37.Examination of physical Evidence and Forensic Ballistics
- 38.Physical Geography (Atmosphere and Hydrosphere)
- 39.Economic Geography
- 40.Digital Computer Organization
- 41.Operating System Fundamentals
- 42.Structure , Development and Reproduction in Flowring Plants
- 43.Plant Ecology, Biodiversity and Phytogeography
- 44.Aquaculture, Fish Dieases &pwan Culture
- 45.Aquarium Fishes, Ichthyology (Fish) &Posthavest techniques
- 46.Optics
- 47.Elecostaticss, Magneto Statics Electrodynamics

After a brief discussion Academic council approves the curriculum, rules and regulations, scheme of examinations, pattern of evaluation and implementation of the new added courses from the academic year 2018--19 onwards.

Item no 4: To approve the new Value Added Course.

Dr Vijay Chore tabled three new value added course for the session 2018-19

- 1 The Mobile Repairing and DTH Installation & TV Repairing (Department of Electronics & Career Guidance Cell)
- 2 Tissue Culturing of Medical Plants and Organic Farming” (Department of Biotechnology & Career Guidance Cell)
- 3 Computer Hardware & Networking.
- 4 Chem-Informatics and Biophysical Techniques (Dept. of Chemistry + Bio. Tech. & Bio. Info.).

After a brief discussion on the syllabus of the value added courses the council approved the course . Council also authorized all HoD for starting a value added courses if student demand for same

Item no 4 : Approval of the minutes of board of Studies various department

The chairman invited Chairpersons BOS to present the minutes of the BOS in Alphabetic Order.

5.1 Dr.Bafna presented the minutes of BoS Biochemistry for discussion Academic Council approved the syllabus .

5.2 Dr.Kiran Billore presented the minutes of BoS Bio technology And Bioinformatics for discussion , the academic Council resolved to approve the syllabus

5.3 Dr.Arun Kumar Kher presented the minutes of BoS Biotony for discussion , the academic Council resolved to syllabus

5.4 Dr.Anamika Jain presented the minutes of BoS Chemistry for discussion , the academic Council resolved to approve syllabus.

5.5 Dr.P.K. Sharma presented the minutes of BoS Computer Science for discussion , the academic Council resolved to syllabus

5.6 Dr M.M.P. Shrivastava presented the minutes of BoS Fishries and Zoology for discussion , the academic Council resolved to approve syllabus

5.7 Dr.Vijay R. Chourey presented the minutes of BoS Forensic Science for discussion , the academic Council resolved to approve syllabus

5.8 Dr.Vishnu Gadgil presented the minutes of BoS Geography and Geology for discussion , the academic Council resolved to syllabus

5.9 Dr.Ravindra Garg presented the minutes of BoS Mathematics for discussion , the academic Council resolved to approve the syllabus

5.10 Dr.Sanjay Vyas presented the minutes of BoS Microbiology for discussion , the academic Council resolved to approve the syllabus

5.11 Dr.M.K. Diwedi presented the minutes of BoS Pharma Chemistry for discussion , the academic Council resolved to approve syllabus

5.12 Dr.R.C. Dixit presented the minutes of BoS Physics for discussion , the academic Council resolved to approve the syllabus.

5.13 Dr. Mangala Choragade presented the minutes of BoS Statistics (UG &PG) Economics (UG) for discussion , the academic Council resolved to approve the syllabus.

5.14 Dr.Kislay Panchol presented the minutes of BoS Seed Technology for discussion , the academic Council resolved to approve syllabus

5.15 Dr. H.S. Dagar presented the minutes of BoS Electronics for discussion , the academic Council resolved to approve the introduction of new courses in B,Sc. Second year

5.15 Dr. Manorama Agrwal presented the minutes of BoS Hindi for discussion , the academic Council resolved to approve the introduction of new courses in B,Sc. Second year

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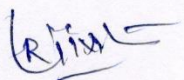
Item no 6: Approval of the minutes of result committee

Exam Controller informed the academic council about the details of the final result of UG and PG examinations and tabled the minutes of result committee for approval of results of the end semester examinations for the academic programmes and career-oriented add-on course examinations held during 2017-18. The Academic Council unanimously resolved to confirm the minutes of the result committee meeting. the council applauded the controller and his office staff for their efficiency in conducting examination and declaring the results as per schedule. .

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

Approved by the chair, Dr R.K.Sharma Coordinator IQAC proposed to start the OBE form next academic session . After brief discussion Council resolved to approve the introduction of OBE in all programmes run by the college from session 2019-20 .

,than Member Secretary Dr.R.C. Dixit delivered the vote of thanks and the academic council meeting ended at 4.30 pm.



Dr. R.C Dixit

Member Secretary Academic Council

Member Secretary, Academic Council
Govt. Holkar (Model Autonomous)
Science College, Indore



Dr. Ruplekha Vyas

Chairperson Academic Council

Chairperson, Academic Council
Govt. Holkar (Model Autonomous)
Science College, Indore



Minutes of Academic Council Meeting

2019-20

Date: 7/9/2019

Time: 1.00PM

Venue: conference Hall

1. Welcome Address by Chairman and Introduction of New Member:

The Chairman DR. Suresh T. Silawat welcomed all the members of the Academic Council and introduced the agenda of the meeting. The Secretary DR. R.C. Dixit introduced the new members of the Academic Council and briefed them about the roles and responsibilities of the Council.

2. Confirmation of Minutes of Last Meeting:

The minutes of the previous Academic Council Meeting were presented for confirmation. The members discussed the minutes. The Chairman then asked for a motion to confirm the minutes, and the members unanimously passed them..

3. Endorsing the decision of BOS

The academic council unanimously endorses the decision of the Board of Studies (BOS) as presented by each Head of Department (HOD) in alphabetical order. The BOS reports provided a comprehensive and insightful overview of each department's academic activities, showcasing curriculum updates, faculty development initiatives, student feedback, and future plans for growth and improvement.

With this endorsement, the college looks forward to implementing the recommendations and initiatives outlined in the BOS reports to further elevate the educational experience and empower students to achieve their academic and career aspirations.

The academic council acknowledges the significance of these reports in shaping the college's future academic endeavors and remains committed to fostering a culture of continuous improvement and innovation across all departments.



4. Academic and Administrative Reports:

Dr M.M.P Shrivastava NAAC, Coordinator presented the academic and administrative reports of the college. Dr Shrivastva informed that various workshops and webinars will be organized by the college on intellectual property rights, life science, research methodology, qualitative and quantitative analysis, etc. The college will also organize several social welfare activities such as blood donation camps, awareness., health check-up camps, tree plantation drives, etc.

Dr. R.K.. Sharma coordinator IQAC Briefly presented a power point presentation on feedback received from stockholders, explain the process of collecting feedback from students, teachers, alumni, and employers. Mention the response rate and data collection period.

❖ Student Feedback:

Informed the council about overall student satisfaction with the curriculum, teaching methods, and academic support. Overall, the students have expressed contentment with the curriculum and teaching methodologies. However, some students have indicated the need for more practical sessions and greater exposure to real-world applications of their studies. It is suggested that the respective departments consider incorporating more hands-on experiences and industry collaborations to address these concerns effectively

❖ Teacher Feedback:

The faculty members have appreciated the academic facilities and support provided by the institution. However, we have received requests for more opportunities for professional development, particularly in innovative teaching techniques and modern pedagogical approaches. To ensure continuous faculty growth, the council may consider organizing regular workshops and training sessions for our esteemed teachers.

❖ Alumni Feedback:

Share the major findings from the alumni feedback report. Our alumni have reported a strong sense of preparedness for their careers and expressed gratitude for the academic rigor during their time at the institution. However, there is room for improvement in terms of fostering alumni engagement and networking. It is recommended that the institution should



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arrange periodical alumni events to facilitate networking opportunities and strengthen the bond between our alumni and the institution.

❖ **Employer Feedback:**

Present the key insights from the employer feedback report. The employers have generally rated our graduates positively in terms of quality and skills. Nevertheless, there are suggestions for further enhancing students' practical skills and soft skills, such as communication and teamwork. The departments may consider incorporating more skill-focused courses and workshops into the curriculum to ensure our graduates' readiness for the ever-evolving job market.

❖ **Action Plan:**

Based on the feedback analysis and the valuable suggestions from the Academic Council, the following action plan is proposed:

❖ **Internal Committee Formation:**

To ensure a systematic follow-up on the action taken regarding the feedback suggestions, committee authorised IQAC for the formation of an internal committee. This committee will comprise faculty members, administrators, and students who will be responsible for monitoring the progress and reporting back to the Academic Council periodically.

❖ **Progress Reports:**

The internal committee will be tasked for preparing regular progress reports, detailing the steps taken to address the feedback, the status of implementation, and the outcomes achieved. These reports will be presented during subsequent Academic Council meetings for review and evaluation.

5.Approval of Syllabus of Departments:

The heads of departments presented the syllabus of their departmental courses, and the Academic Council approved following new courses for the academic session

- 1 Molecular Biology



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- 2 "Nutritional, clinical and Environmental Biochemistry"
- 3 Biostatistics
- 4 Mathematics for Biological Sciences
- 5 "Molecular Biology and Genetic Engineering"
- 6 Applied Biotechnology
- 7 "Taxonomy & Embryology of Angio sperm"
- 8 "Plant Physiology & Biochemistry"
- 9 "Cell Biology Genetics & Biotechnology"
- 10 Physical Chemistry
- 11 Inorganic Chemistry
- 12 Organic Chemistry
- 13 Database Management System
- 14 Operating system concepts
- 15 "Thyristors, IC technology, Microprocessor & Electrical Motors"
- 16 Communication Electronics
- 17 English Language
- 18 Hindi Language
- 19 Computer Concept
- 20 Palaeontology and Stratigraphy
- 21 Earth Resources and Applied Geology
- 22 Soil Productivity Agro Forestry
- 23 Processing of Horticultural Crops & Value addition"
- 24 Fishery Economics & Extension Education"



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- 25 Limnology and Fish Productivity
- 26 Linear Algebra & numerical analysis"
- 27 Real and Complex Analysis
- 28 Discrete Mathematics
- 29 Applied & Environment Microbiology"
- 30 Immunology & Medical Microbiology"
- 31 Medicinal Chemistry -II
- 32 Instrumental Analysis
- 33 Quantum Mechanics & Spectroscopy"
- 34 Solid state Physics, Semiconductor"
- 35 Seed Pathology & Entomology
- 36 Seed Processing, Storage & Marketing
- 37 Applied Statistics
- 38 SQC & Design of Experiments
- 39 Genetics
- 40 Ecology and Applied Zoology
- 41 Development & Environment Economics"
- 42 Statistics
- 43 Forensic Medicine & Toxicology
- 44 Detective Tools & Techniques
- 45 Geography and India
- 46 Environment & Resources
- 47 Object Oriented Programming Using C++



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- 48 Unix Operating System
- 49 Accounting & Financial Management
- 50 Computer Oriented Numerical Methods (Using 'C' Language)
- 51 Software Engineering
- 52 Programming with JAVA
- 53 Environment Awareness & Green Computing
- 54 Cheminformatics
- 55 Forensic Physics
- 56 Computer & Cyber Forensic
- 57 Advanced Graph Theory-I
- 58 Advanced Graph Theory-II
- 59 Integral Transform-II
- 60 Discrete Mathematics
- 61 Data Structure Using C
- 62 Entrepreneurship
- 63 Instrumental Methods – Biological
- 64 Integral Transform-In 2019-20.

6 Approval of Syllabus of New Value-Added Course:

The Academic Council reviewed and approved the syllabus of several new value-added courses proposed by the college for the session Advance Agro Techniques for Entrepreneurship Development (Department of Botany)

- 1 Personality Development & Communication Skill for M.Sc. Student: Dept. of Chemistry & Carrier Guidance Cell



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- 2 Health and Nutrition” (Students)(Dept. of Biochem. & Career Guidance Cell)
- 3 Instrumentation Techniques (Dept. of Chemistry & Pharma. Chem.)
- 4 Basic Programming with Python (Department of Electronics)
- 5 Embedded System Design Based on Arduino (Dept. of Electronics)
- 6 Computer Hardware, Equipment Repairing & Fabrication (Dept. of Electronics)
- 7 Mobile Repairing and DTH Installation & TV Repairing (Department of Electronics)
- 8 Bioinformatics Analysis from Genomics to Proteomics (Dept. of Bioinformatics)
- 9 Tissue Culturing of Medical Plants and Organic Farming” (Department of Biotechnology)
- 10 Computer Hardware & Networking (Dr. Sanjay & Expert Team)
- 11 Chem-Informatics and Biophysical Techniques (Dept. of Chemistry)
- 12 Understanding Physics using Computer Software (Dept. of Physics)

7 Examination and Evaluation:

Dr Ravindra Garg Contralor of Examination presented the result of 2018-19 .Dr Garg also presrnted the newly IT integration measure adopted by the examination cell The Academic Council appreciate the measure.

8 Research and Development:

Dr. G.D.Gupta presented the last years research activities to the AC. DR G.D. Gupta told that 82 research paper were published by the faulty of the college The Academic Council discussed the research and development activities of the college and suggested review its Exiting Research policy to promote and support such activities.

The meeting concluded with a vote of thanks by the Chairman




Member Secretary, Academic Council
Govt. Holkar (Model Autonomous) Science College, Indore

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Minutes of Academic Council Meeting

2020-21

Introduction of Members:

The meeting commenced with a warm welcome to all attendees. Each member briefly introduced themselves, stating their name, designation, and responsibilities within the organization. This allowed everyone to get acquainted with each other and set the tone for a productive discussion.

Confirmation of Last Meeting Minutes:

The minutes of the previous meeting were presented by Dr R.C. Dixit. The attendees reviewed the minutes to ensure accuracy and comprehensiveness. After a thorough examination, the minutes were approved and accepted by the members, with no corrections or objections raised.

Endorsing the decision of BOS

All the Head of Departments (HODs) presented their respective Board of Studies (BOS) reports in alphabetical order. Each HOD presented their BOS report, which included a comprehensive overview of the department's academic activities, curriculum updates, faculty development initiatives, student feedback, and future plans for the department's growth and improvement. After the presentations, the academic council thoroughly reviewed and deliberated on each BOS report to ensure its quality, coherence, and alignment with the college's vision and objectives.

The heads of departments presented the syllabus of their departmental courses, and the Academic Council approved following new courses for the academic session

- 1 Linear Algebra and Geometry
- 2 Computer Networks
- 3 Introduction to Cloud Computing
- 4 Introduction to Data Science
- 5 Human Values and Professional Ethics
- 6 Information Technology Trend



- 7 Operations Research
- 8 Internet and Web Technology using PHP
- 9 Computer Graphics and Multimedia
- 10 Principal and Practices of Management
- 11 Applied Clinical Biochemistry
- 12 Environmental Biochemistry
- 13 Applied Forensic Science and Scientific Investigation of Crime
- 14 Applied Pharmaceutics – I
- 15 Applied Pharmaceutics – II
- 16 Applied Zoology
- 17 Applied Botany

The academic council members commended the HODs for their diligent efforts and valuable contributions to their respective departments. The council members agreed to endorse all the presented BOS reports unanimously.

Discussion on Feedback from Stakeholders:

The next agenda item involved a detailed discussion on the feedback received from various stakeholders, including students, parents, faculty, and alumni. The feedback covered a wide range of topics, such as curriculum improvements, infrastructure suggestions, and overall satisfaction levels. Members actively participated in the discussion, and action points were noted for further consideration and implementation of Action Taken Report:

Action Taken Report:

Issue 1: More Field Visits

Action Taken:

After careful consideration, a list of suitable field visit locations was prepared, covering various aspects of seed technology and agriculture. The committee collaborated with the concerned industries and agricultural institutions to organize these visits, ensuring that students receive hands-on experience and exposure to real-life scenarios.

Issue 2: More Industrial Visits

Action Taken:



Recognizing the importance of industrial exposure, the college will arrange for additional industrial visits. The administration established partnerships with industry experts and organizations to facilitate these visits

Issue 3: Increase in Practical Work

Action Taken:

To enhance practical learning, the curriculum of UG and PG programs has proposed to include more hands-on practical sessions. The college allocated additional resources for laboratory infrastructure and equipment. Faculty members were encouraged to design practical exercises that align with theoretical concepts, promoting experiential learning.

Issue 4: A Separate Time Table for Sports Activities

Action Taken:

To ensure a balanced academic and sports schedule, the college introduced a separate time table for sports activities. The sport department collaborated with the academic departments to create a schedule that allows students to participate in sports without compromising their academic commitments. The new time table ensured that all students have equal opportunities to engage in sports and maintain a healthy lifestyle.

Issue 5: Notice Regarding Extracurricular Activities on the College Website

Action Taken:

The college implemented a policy to post regular updates regarding extracurricular activities, including sports events, cultural programs, workshops, seminars, and guest lectures, on the college website. The website's dedicated section for extracurricular activities was regularly updated to keep students informed about upcoming events. Additionally, the college encouraged students to subscribe to email newsletters and follow official social media accounts to receive timely updates about these activities.

Issue 6: More Certificate Courses

Action Taken: To provide students with additional skill development opportunities, the college introduced a series of value added courses. Students were given the flexibility to



choose certificate courses of their interest, and successful completion of these courses were recorded on their academic transcripts.

Issue 7: Foreign Language Course

Action Taken:

Responding to the demand for foreign language courses, the college offered introductory courses in foreign languages

Overall, the college administration strived to address the feedback provided by the students and continuously endeavoured to improve the educational experience, ensuring holistic development and preparing students for successful careers in the field of Seed Technology.

Action Taken Report:

Issue 8: Need for More Classrooms

Action Taken:

To cater to the increasing number of students and the demand for more classrooms, the college initiated a construction project to build additional classrooms. The project was based on an assessment of the current and projected student intake. The new classrooms were designed to accommodate modern teaching methodologies, equipped with audio-visual aids and comfortable seating arrangements. This expansion not only resolved the issue of classroom shortage but also allowed the college to conduct multiple sessions simultaneously, optimizing the use of available resources.

Faculty Training: Faculty members were provided with comprehensive training on integrating Information and Communication Technology (ICT) tools into their teaching methods. Workshops and webinars were organized to familiarize them with various digital resources, educational software, and online platforms that can facilitate interactive and engaging learning experiences.

Issue 9: ICT-Enabled Classrooms:

The college equipped several classrooms with modern ICT infrastructure, including smart boards, projectors, and audio-visual systems. This allowed instructors to incorporate



multimedia elements into their lectures, making the teaching sessions more dynamic and captivating for students.

Issue 10 :E-Learning Platforms:

An e-learning platform was introduced, where teachers could upload lecture notes, course materials, and additional resources. Students could access these materials anytime, promoting self-paced learning and revision outside the classroom.

Implementation of OBE (Outcome-Based Education) Model in College

Adoption of Revised Bloom's Taxonomy for CO and PO of Courses

The IQAC coordinator presented the revised Bloom's Taxonomy framework, tailored to align with the course outcomes (CO) and program outcomes (PO) of the college's various academic programs. The framework emphasized the importance of defining clear learning objectives, specifying measurable outcomes, and mapping them to respective courses and programs. After a detailed discussion, the attendees unanimously approved the adoption of the revised Bloom's Taxonomy for CO and PO definition. The respective Head of Departments (HODs) and faculty members were assigned the responsibility of mapping the existing COs and POs to the revised Bloom's Taxonomy within a specified time line of two weeks. The IQAC coordinator also presented the proposed method for calculating attainment levels based on students' performance against the defined COs and POs. The proposed approach included rubrics for assessing students' achievements at different levels, providing a comprehensive view of their learning outcomes. The academic council reviewed the proposed method and appreciated its clarity and objectivity.

The academic council approved the proposed attainment level calculation method. The COE and IQAC was tasked with implementing the assessment process in collaboration with faculty members, ensuring accurate data collection and analysis.

Approval of New and Value-Added Courses

Dr G D Gupta presented a list of proposed new courses based on the emerging trends and demands in various fields. The proposed courses covered a diverse range of subjects, including technology, entrepreneurship, sustainability, and interdisciplinary studies. The rationale behind



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each course, its alignment with the college's vision, and potential benefits to students were elaborated upon.

Application of statistics in biosciences (Deptt. of biochemistry)
Fundamental of GIS using open-source software (Deptt. of Geology)
Wildlife certificate course (Deptt. of Zoology)
Applied Zoology (Deptt. of Zoology)
Questioned Documents (Deptt. of Forensic Science)
Analytical aspects of chemistry for industry (Deptt. of Chemistry)
Soft skill (Deptt. Of Botany)
Molecular and Computational Biology
Renewable Energy and Energy Efficiency & Conservation – Technologies, Applications, Approaches, Trends and Policies
Food Manufacturing and Processing (Swami Vivekanand career Guidance cell)
E-Commerce and Online Banking (Swami Vivekanand Career Guidance)
Animal Husbandry and Poultry, Sericulture and fisheries (Swami Vivekanand career Guidance cell)
Solar Energy plant Maintenance and marketing (Swami Vivekanand career Guidance cell)
Advance Agricultural skills (Swami Vivekanand career Guidance cell)
Taxation-IT and GST returns filling (Swami Vivekanand career Guidance cell)
Weaves, block printing and textile manufacturing (Swami Vivekanand career Guidance cell)
Journalism and translation work (Swami Vivekanand career Guidance cell)
Tourism and Travel Management (Swami Vivekananda career Guidance cell)

Discussion on Value-Added Courses;

The meeting proceeded to discuss the concept of value-added courses, which aimed to enhance students' skills and employability. The value-added courses were intended to complement the existing curriculum and provide students with additional expertise and certifications in specific areas. The faculty members shared their insights on potential value-added courses that could benefit students from different departments.

After a thorough discussion and consideration of the proposed new courses and value-added courses, the attendees unanimously agreed on the significance of diversifying the course offerings and enhancing students' learning experiences.



Strategies to Overcome Challenges for Teaching during the Pandemic

The agenda point was called to order by the College Principal, who acknowledged the unique challenges faced by educators during the pandemic and stressed the importance of finding effective strategies for teaching in this new environment.

The teaching members shared their experiences and challenges encountered while adapting to remote teaching during the pandemic. Challenges such as student engagement, access to resources, and maintaining the quality of education were discussed in detail.

Dr. Netram HoD electronics presented a proposal to implement G- Suite tools to facilitate blended teaching. The proposal included the use of Google Classroom for organizing online coursework, Google Meet for conducting virtual classes, and Google Drive for file sharing and collaboration.

He also presented a proposal for adopting a Learning Management System (LMS) customized for Holkar College. The LMS would centralize course materials, assessments, and communication, providing a seamless experience for both faculty and students.

Dr Anamika Jain suggest for a faculty development program to ensure that all faculty members received comprehensive training on using G-Suite tools and the LMS. The training sessions would be conducted over the coming weeks to prepare faculty for the upcoming semester

A detailed timeline was drafted, outlining the steps for implementation, training sessions, and the eventual rollout of the G-Suite and LMS. The timeline was shared with all stakeholders for their reference

The academic council approved the proposal for the LMS implementation. The IT Administrator was tasked with exploring suitable LMS options, and a committee was formed to oversee the integration and management of the system.

Sanction Proposal for Seed Money

Dr M.K. Diwedi in-charge research committee presented the proposal for allocating seed money to encourage research, entrepreneurial activities, and other creative projects.



The proposal outlined the purpose of the seed money, the criteria for selecting projects, and the expected outcomes from its utilization.

The faculty members discussed various project ideas

After a detailed discussion and careful consideration of the project proposals, the attendees collectively agreed that the allocation of seed money would be instrumental in fostering creativity, innovation, and professional growth within the college community. The college administration and finance department approved the allocation of the seed money as per the proposed budget. The selected projects were informed about the sanction, and the faculty members were notified about the implementation process.

Any Other Business

The College Principal opened the floor for any other business and invited attendees to bring forward additional topics for discussion.

Item 1: Membership for Institutional Incubation Cell, ARIIa

One of the faculty members proposed the college's membership in the Atal Ranking of Institutions on Innovation Achievements (ARIIa) and suggested for establishment of Institutional Incubation Cell at college. Joining ARIIa would provide the college with opportunities for fostering innovation, entrepreneurship, and industry-academic collaboration.

Action Point:

The college administration and academic council acknowledged the importance of ARIIa membership and approved the proposal to join the program. The Dean of Academics and the Head of Department of Research and Development were designated to initiate the necessary registration process.

The committee was informed that Dr S.Mewada got a patent . College Principal and the Dean of Academics were tasked with officially congratulating Dr. Mewada on behalf of the college. It was decided to recognize the achievement on the official website to inspire and motivate other faculty members and students.



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Closing:

The College Principal extended his appreciation to all attendees for their active participation and valuable contributions to the meeting. He expressed his satisfaction with the progress made in various areas and encouraged continued collaboration and dedication for the college's growth and success.

Adjournment:

With all agenda items addressed, the meeting was adjourned. The attendees were informed that any new topics for discussion could be brought forward in future meetings.

Meeting Recorder: Dr. Nagesh Dagaonkar

Note: These minutes are considered final and do not require further approval.

Member Secretary Academic Council




Member Secretary, Academic Council
Govt. Holkar (Model Autonomous)
Science College, Indore



Minutes of Academic Council Meeting

2021-22

Date: 8/9/2021

Venue: Conference hall

The meeting was formally initiated by the Principal, Dr. Suresh T. Silwat. He welcomed all members present and expressed hope for a fruitful discussion.

1 Introduction of Members:

As a first order of business, each attendee took a moment to introduce themselves, mentioning their respective positions and departments.

Dr. Silawat thanked everyone for their introductions and emphasized the importance of collaboration and shared insights in the upcoming discussions.

2. Confirmation of Last Meeting Minutes:

Dr. Dixit initiated, "The minutes of the last meeting were circulated earlier. Are there any corrections?" Upon receiving no suggestions, Dr. Gupta motioned for approval, seconded by Dr. Jain. Minutes were confirmed unanimously.

3. Implementation of NEP 2020 in UG First Year:

The next agenda item to be addressed was the implementation of the National Education Policy (NEP) 2020 for the undergraduate (UG) first year.

Dr. Gerg, Exam controller, started the discussion. He provided an overview of the NEP 2020 and its significant recommendations for undergraduate programs. He emphasized the flexible approach to learning and holistic education that the policy promotes.

Coming to the specifics, Dr. Gerg discussed the adoption of Ordinance 14A semester and the Choice Based Credit System (CBCS) in the UG courses. He highlighted how this approach would offer students more flexibility in choosing their subjects and promote a multidisciplinary approach.

After extensive discussions and deliberations on each aspect, the council members showed unanimous support for the implementation of NEP 2020 in the UG first year. The adoption of Ordinance 14A semester, CBCS, and the approval of following new courses were also agreed upon without any objections.

1	Biochemical Techniques (Major)
2	Chemistry of Biomolecules (Minor)



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3	Basics of Biochemistry (Open Elective)
4	Chemistry of Biomolecules (Major)
5	Biochemical Techniques (Minor)
6	Analytical Techniques (Open Elective)
7	Cell and Molecular Biology (Major)
8	Cell and Molecular Biology (Minor)
9	General Introduction to Bioinformatics (Open Elective)
10	General Introduction to Bioinformatics (Major)
11	Fundamentals of Bioinformatics (Minor)
12	Basic of Bioinformatics (Open Elective)
13	Cell Biology and Biochemistry (Major)
14	Microbiology and Immunology (Minor)
15	Microbiology and Immunology (Open Elective)
16	Microbiology and Immunology (Major)
17	Cell Biology and Biochemistry (Minor)
18	Microbiology (Open Elective)
19	Applied Botany (Major)
20	Basic Botany (Minor)
21	Basic Botany (Open Elective)
22	Basic Botany (Major)
23	Applied Botany (Minor)
24	Functional Botany (Open Elective)
25	Fundamentals of Chemistry (Major)
26	Analytical Chemistry (Minor)
27	Chemistry in Everyday Life (Open Elective)
28	Analytical Chemistry (Major)
29	Fundamentals of Chemistry (Minor)
30	General Aspects of Chemistry (Open Elective)
31	Computer System Architecture (Major)
32	Programming Methodologies and Data Structure (minor)
33	Computer System Architecture (Open Elective)
34	Multimedia & Animation- I (Open Elective)
35	Programming Methodologies and Data Structure (major)
36	Computer System Architecture (Minor)
37	Multimedia & Animation- II (Open Elective)
38	Programming Methodologies and Data Structure (Open Elective)
39	Semiconductor Devices (Major)
40	Basic Circuit Theory and Network Analysis (Minor)
41	Introduction of Electronics Components and Network (Open Elective)

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42	Basic Circuit Theory and Network Analysis (major)
43	Semiconductor Devices (Minor)
44	Basic of Semiconductor Devices (Open Elective)
45	English Language and Indian Culture
46	Communicative English-I
47	English Language and Indian Culture
48	Communicative English-II
49	भाषा और संस्कृति
50	भाषा और संस्कृति
51	Environmental Education
52	Environmental Education
53	Physical Geology (Major)
54	Crystal and Mineral Sciences (Minor)
55	Elements of Geology (Open Elective)
56	Crystal and Mineral Sciences (Major)
57	Physical Geology (Minor)
58	Minerals and Rocks (Open Elective)
59	Fundamentals of Horticulture (Major)
60	Horticulture Production (Minor)
61	Fundamentals of Horticulture (Open Elective)
62	Horticulture Production (Major)
63	Fundamentals of Horticulture (Minor)
64	Commercial Horticulture Production technology (Open Elective)
65	Fish Introduction and Culture (Major)
66	Anatomy and Biology of Finfish (Minor)
67	Anatomy and Biology of Finfish (Major)
68	Fish Introduction and Culture (Minor)
69	Algebra, Vector Analysis and Geometry (Major)
70	Calculus and Differential Equations (Minor)
71	Mathematical Logic and Sets (Open Elective)
72	Calculus and Differential Equations (Major)
73	Algebra, Vector Analysis and Geometry (Minor)
74	Matrices, Geometry and Vector Algebra (Open Elective)
75	General Microbiology and Cell Structure (Major)
76	Microbial Tools and Techniques (Minor)
77	Instrumentation in Microbiology
78	Microbial Tools and Techniques (Major)
79	General Microbiology and Cell Structure (Minor)
80	Laboratory Techniques in Microbiology
81	Pharmaceutical Inorganic Chemistry (Major)

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82	Pharmaceutical organic Chemistry (Minor)
83	Fundamentals of Drug Chemistry (Open Elective)
84	Pharmaceutical organic Chemistry (Major)
85	Pharmaceutical Inorganic Chemistry (Minor)
86	Basic Concepts of Pharmaceutical Chemistry (Open Elective)
87	Thermodynamics and Statistical Physics (Major)
88	Mechanics and General-Properties of Matter (Minor)
89	Mechanics and General-Properties of Matter (Open Elective)
90	Non-Convectional Energy Source-I
91	Mechanics and General-Properties of Matter (Major)
92	Thermodynamics and Statistical Physics (Minor)
93	Thermodynamics (Open Elective)
94	Non-Convectional Energy Source-II
95	Principles of Seed Technology (Major)
96	Seed Production and practices (Minor)
97	Introduction of Seed Technology (Open Elective)
98	Seed Production and practices (Major)
99	Principles of Seed Technology (Minor)
100	Seed Production and practices (Open Elective)
101	Descriptive Statistics (Major)
102	Basic Statistics (Minor)
103	Elementary Statistics (Open Elective)
104	Probability and Probability Distribution (Major)
105	Theory of Probability and Probability Distribution (Minor)
106	Introduction to Probability Theory (Open Elective)
107	Animal Diversity & Non-Chordates (Major)
108	Cell Biology, Reproductive Biology & Developmental Biology (Minor)
109	Cell Biology, Reproductive Biology (Open Elective)
110	Cell Biology, Reproductive Biology & Developmental Biology (Major)
111	Animal Diversity & Non-Chordates (Minor)
112	Developmental Biology & Reproductive Techniques (Open Elective)
113	Consumer Behaviour & Micro Economics (Major)
114	Micro Economics (Minor)
115	Basics of Economics (Open Elective)
116	Indian & Agricultural Economy (Major)
117	Indian Economy (Minor)
118	Basics of Indian Economy (Open Elective)
119	Criminal Investigation & Law (Major)
120	Introduction to Forensic Science & Criminalistics (Minor)

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121	Introduction to Forensic Science & Criminalistics (Open Elective)
122	Introduction to Forensic Science & Criminalistics (Major)
123	Criminal Investigation & Law (Minor)
124	Criminal Investigation & Law (Open Elective)
125	Human Geography: Environment and Culture (Major)
126	Physical Geography: Lithosphere (Geomorphology) (Minor)
127	Physical Geography (Open Elective)
128	Physical Geography: Lithosphere (Geomorphology) (Major)
129	Human Geography: Environment and Culture (Minor)
130	Environmental Issues and Disaster Management (Open Elective)
131	NCC Awareness
132	NCC Awareness
133	Concept of National Service Scheme
134	Project Tools of NSS
135	Introduction and Concept of Physical Education
136	Introduction and Concept of Physical Education
137	Digital Computer Organization (Major)
138	Programming and Problem Solving through C(Minor)
139	Probability and Statistics (Open Elective)
140	English Language (Foundation)
141	Yoga and Meditation (Foundation)
142	Programming Methodologies and Data Structure (Major)
143	Operating System (Minor)
144	Statistical Methods (Open Elective)
145	Computational Mathematics (Open Elective)
146	Discrete Mathematics (Open Elective)
147	Numerical Methods (Open Elective)
148	Environmental Education (Foundation)
149	Hindi Language (Foundation)
150	Fundamental of Computer
151	"C" Programming
152	Operating System
153	PC Packages
154	System Analysis and Design
155	Web Designing (HTML, XML, DHTML)
156	Visual Basic
157	RDBMS using Oracle
158	Computer Networking
159	Internet & E-Commerce



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160	Group Theory and Spectroscopy-II
161	Python for Data Science
162	Finfish and Shellfish Biology
163	Fish Breeding and Hatchery Technology
164	Aquaculture
165	Fish Nutrition and Feed Technology
166	Fisheries Resource Management
167	Harvest And Post Harvest Technology
168	Aquatic Biology
169	Fish Health Management
170	Introduction To Seed Technology
171	Floral Biology, Seed Development and Maturation
172	Seed Physiology
173	Principles Of Seed Production
174	Seed Production of Cereals, Pulses & Oil Seeds
175	Seed Production in Vegetables, Fiber& Fodder Crops
176	Seed Processing & Storage
177	Seed Quality Testing
178	Geomorphology
179	History of Geographic Thought
180	Geography of India
181	Economic Geography
182	Climatology
183	Resource Management
184	Geography of India: Economy and Region
185	Geography of Environment
186	Personality Development
187	Personality Development

Dr. Silawat concluded this agenda item by stating, “The collective efforts of our faculty and administration in adopting the NEP 2020 will undeniably benefit our students. Let’s ensure a smooth transition.”

The council members nodded in agreement, signalling their commitment to the successful implementation of the proposed changes.

4. Discussion on Feedback from Stakeholders:

Dr. Suresh T. Silawat opened the segment, emphasizing the significance of feedback from various stakeholders for the growth and development of the institution.

1. Students' Feedback:



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Dr. Dagaonkar coordinator IQAC took the lead, presenting the summarized feedback from the students. Major points included:

A need for more interactive online classes.

Requests for more hands-on workshops.

Suggestion for a mentor-mentee system to aid in academic and personal growth.

2. Teachers' Feedback:

Prof Dagaonkar shared feedback from the teaching faculty:

The desire for more training sessions on digital teaching tools.

A suggestion to revise the evaluation metrics, considering the online teaching mode.

Requests for more inter-departmental collaborations.

3. Alumni Feedback:

Dr. Dagaonkar shared insights from the alumni feedback:

A strong desire to contribute to current students' growth through guest lectures and workshops.

Feedback about the industry's current needs and areas where the curriculum could be updated.

Suggestions for establishing a more robust alumni network for job referrals and mentorship.

4. Employers' Feedback:

Lastly, Dr Dagaonkar shed light on feedback from various employers:

Praise for students' theoretical knowledge but a recommendation for more emphasis on practical skills.

A request for more frequent industry-academic interaction sessions.

Suggestions for courses that can make students 'job-ready' from day one.

Dr. Silawat summarized the session, "Feedback is a gift, and we've received some valuable insights today. Let's strategize on incorporating these suggestions to make our institution even better."

The council members nodded in agreement, committing to taking the feedback seriously and implementing changes for the betterment of the institution and its stakeholders.



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5. Approval of Value-Added Courses & SOP:

The focus of the meeting transitioned to the introduction and approval of the new Value-Added Courses and the SOP for Value Added and Faculty Development Programs (FDP).

Dr. Rai initiated the segment by detailing the proposed Value-Added Courses. These courses, he emphasized, have been designed considering the changing dynamics of the job market, aiming to endow students with both theoretical knowledge and practical skills.

Following the introduction of the courses, Dr. Rai proceeded to discuss the Standard Operating Procedures for both the Value-Added Courses and the FDP. He touched upon the courses' structure, execution plan, expected deliverables, and the benefits they offer to students and faculty. He also discussed the proposed periodicity of the FDPs, ensuring they're frequent enough to keep the faculty updated with the latest pedagogical methods and industry trends.

Dr. Silawat, acknowledging the thoroughness of Dr. Rai's presentation, remarked, "It's evident that these proposed courses and the SOPs have been meticulously planned. They reflect our commitment to ensuring that our institution remains at the forefront of academic and industry relevance."

The council, in full agreement and with no objections, gave their approval for the introduction of the following Value Added Courses and the SOPs for both Value Added and FDP.

1	Organic Farming (Department of Botany)
2	Mushroom Cultivation and its Marketing (Department of Botany)
3	Application of Tools & Techniques in biology (Department of Zoology)
4	Role Of Investigating Officer in Crime Scene (Department of Forensic Science)
5	Application of statistics in biosciences (Deptt. of biochemistry)
6	Human Impact on Air Environment (Department of Microbiology)
7	An Introduction to Drugs & Medicine (Department of Pharma Chemistry)
8	Basic Programming with Python (Department of Electronics)
9	Robotics (Department of Electronics)
10	Fabrication and Maintenance of Laboratory Equipment (Department of Electronics)
11	Value Addition Course on Nursery Management (Department of Horticulture)
12	Value Added Course on Professional Ethics (Dept. of English)
13	Aurdino (Dept. of Physics)
14	Fundamental of GIS using open source software (Deptt. of Geology)
15	Analytical aspects of chemistry for industry (Deptt. of Chemistry)
16	Synthesis and Characterization of Materials (Dept. of Physics)
17	French Language Course (Deptt. Of English)
18	Nursery Management of Medicinal Plants (Department of Botany)
19	Web Development Certificate Course



6. Change in the Name and Duties of Research Committee:

Prof. Gupta proposed renaming the Research Committee and elaborated on the adjusted duties. Dr. Sharma expressed his support, noting the alignment with global standards. After discussion, changes were approved.

7. Approval of College Policies:

Dr. Suresh T. Silawat., addressed the gathering, "I'd now like to invite the conveners of the policy drafting committees to present their respective policies for the Academic Council's consideration and approval.

1. Anti Ragging Policy: Dr. Vishnu Gadgil presented the policy, emphasizing the college's zero-tolerance approach towards ragging.

2. Attendance Policy: Ravindra Garg outlined the guidelines, including the minimum attendance criteria, the grace percentage allowed, and the repercussions of low attendance.

3. Code of Conduct: Dr. Gupta described the behavioural expectations from both students and faculty, ensuring the creation of a respectful and productive educational environment.

4. Consultancy Policy: Dr. R. C. Dixit detailed the framework guiding faculty's consultancy work, ensuring transparency and benefit to the institution.

5. E-Governance Policy: Dr. R.C. Dixit introduced the measures for digitizing administrative tasks, highlighting the steps for a paperless and efficient system.

6. FDP & SDP Policy: Dr. Anamika Jain discussed the structure and frequency of Faculty Development Programs and Student Development Programs.

7. Gender Sensitization & Women Empowerment Policy: Dr. Angurbala Bafna emphasized the importance of creating a gender-neutral campus, detailing the various initiatives for women empowerment.

8. Green Policy: Dr. Santosh Gahrwal showcased the college's commitment to sustainability, outlining initiatives for reducing carbon footprints.

9. Grievance Redressal Policy: Dr. Sanjay Vyas described the mechanism for addressing and resolving grievances in a timely manner.

10. Innovation & Incubation Policy: Dr. V.K. Sharma detailed the provisions for nurturing start-ups and innovative projects by students and faculty.

11. ISR & ISSR Policy: Dr. Kislay Pancholi presented the frameworks for Institutional Social Responsibility and Institutional Scientific Social Responsibility.



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12. IT Policy: Dr. S.K.Choure provided guidelines on IT infrastructure management, cybersecurity, and digital etiquettes.

13. Infrastructure Maintenance Policy: Dr. Netram discussed the protocols for maintaining and updating the college infrastructure.

14. Mentor Mentee Policy: Dr. Vivek Raich detailed the structure of the mentorship program, emphasizing the nurturing of student-faculty relationships.

15. Policy For Differently Aabled: Prof. S.K.Sharma presented initiatives to ensure inclusivity and accessibility for all students, regardless of physical challenges.

16. Policy For Slow And Advanced Learners: Dr M.K.Mishra described the provisions for catering to the diverse academic needs of students.

17. Research & Research Ethics Policy: Dr.M.K.Divedi highlighted the college's commitment to promoting research while ensuring ethical considerations.

18. Skill Development Policy: Dr.Kanta Mulchandani detailed the initiatives aimed at honing students' soft and hard skills.

19. Waste Management Policy: Dr. Sanjida Iqbal presented the measures for effective waste disposal and recycling.

21. Curriculum Design, Development & Implementation Policy: Dr. Toshi presented Curriculum Design, Development & Implementation Policy for approval

22. Blended Learning Policy: Dr.Chore, who had been instrumental in the formation of this policy, spoke about the importance of combining traditional classroom teaching with online instruction tabled the policy for approval

23 Hazardous Chemical Safety Policy and Manual: Dr A .Gandhe presented the measures for effective waste disposal of Hazardous Chemical

As no major concerns raised, Dr. Suresh T. Silwat concluded, "I'm glad to announce the approval of all the proposed policies. Thank you, everyone, for your dedication and commitment."

7. Approval of Setting an Innovation and Incubation Cell at College:

Dr. Billore outlined the benefits of the cell. Seeing the potential advantages, the proposal was approved.

8. Approval of Annual Reports of Various Committees:

The following committee reports were presented for review and approval:

- 1) Grievance Redressal Against Sexual
- 2) Harassment Report
- 3) Anti-Ragging Committee



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- 4) Internal Complaint Committee
- 5) Code of Conduct Report
- 6) Annual Report of Research Ethic Committee
- 7) Annual Report of Research advisory Committee
- 8) Remaining Statuaries Committee
- 9) Non-Statuaries Committee

After a brief round of discussions and clarifications, there was a general consensus in the council. The reports from all committees were approved unanimously.

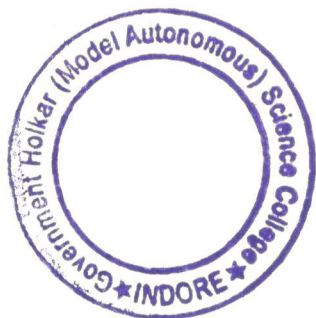
9. Any Other Business:

Prof. Gupta brought up the need for enhanced cybersecurity measures. Dr. Sharma acknowledged and suggested forming a small committee to look into it.

Vote of Thanks

Dr. Vyas propose the vote of thanks

With a nod from Dr. Suresh T. Silawat, the meeting was formally adjourned.



Member Secretary, Academic Council
Govt. Holkar (Model Autonomous)
Science College, Indore