



कार्यालय प्राचार्य

# शासकीय होलकर विज्ञान महाविद्यालय, इन्दौर

☎ : 0731-2464074 Fax : 0731-2446806, 2764027

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दिनांक :- 01.07.2017


## आंतरिक गुणवत्ता प्रकोष्ठ (आई.क्यू.ए.सी.) हेतु

### समिति का गठन

महाविद्यालय में नैक द्वारा मापदण्डों के अनुरूप सत्र 2017-18 हेतु निम्नानुसार आंतरिक गुणवत्ता प्रकोष्ठ (आई.क्यू.ए.सी.) का गठन किया जाता है। समिति तत्काल प्रभाव से नैक के मापदण्डों के अनुरूप कार्य संपादित करेगी -

क्रमांक	नाम	पद	विवरण
1	डॉ. रूपलेखा व्यास	प्राचार्य	प्राचार्य
2	प्रो. आर.के. शर्मा	प्राध्यापक, गणित	को-आर्डिनेटर
3	प्रो. तौशीह अब्बासी	सहायक प्राध्यापक, अंग्रेजी	सदस्य
4	प्रो. विवेक रैच	सहायक प्राध्यापक, गणित	सदस्य
5	प्रो. एम.के. द्विवेदी	प्राध्यापक, रसायनशास्त्र एवं यू.जी.सी. प्रभारी	सदस्य
6	प्रो. विपुल कीर्ति शर्मा	प्राध्यापक, प्राणिकी	सदस्य
7	प्रो. एन.के. जोशी	सहायक प्राध्यापक, भूगर्भशास्त्र	सदस्य
8	प्रो. आर.सी. दीक्षित	सहायक प्राध्यापक, भौतिकी	सदस्य
9	प्रो. एन.के. जैन	सहायक प्राध्यापक, वनस्पतिशास्त्र	सदस्य
10	प्रो. नेतराम कौरव	सहायक प्राध्यापक, भौतिकी	सदस्य
11	प्रो. गुणवन्त होलकर	रिटायर प्राध्यापक, रसायनशास्त्र	स्मुदायिक प्रतिनिधि
12	प्रो. अनुपम जैन	प्राध्यापक, गणित	सदस्य
13	श्री बी.एस. पंवार	लेखापाल	प्रशासनिक स्टॉफ
14	प्रो. व्ही. रमन	सहायक प्राध्यापक, गुजराती महाविद्यालय, इन्दौर	बह्व्य विशेषज्ञ
15	प्रो. पी. खाबिया	रिटायर प्राध्यापक, गणित	बह्व्य विशेषज्ञ
16	श्री युवराज जाधव	छात्र, एम.एस-सी. गणित	छात्र प्रतिनिधि

  
को-आर्डिनेटर

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



Office of the Principal

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(Re-accredited 'A' Grade by NAAC)


Date:-

Date: 01.07.2017

As per the guideline of NAAC, following members are nominated for Internal Quality Assurance Cell (IQAC) 2017-18. The Committee will execute the work according to the parameters of the NAAC with immediate effects-

S.No.	Name	Post	Description
1	Dr. Rooplekha Vyas	Principal	Principal
2	Prof. R.K. Sharma	Professor, Mathematics	Co-ordinator
3	Prof. Toushee Abasi	Asst. Professor, English	Member
4	Prof. Vivek Rich	Asst. Professor, Mathematics	Member
5	Prof. M.K. Dwivedi	Professor, Chemistry & U.G.C Incharge	Member
6	Prof. Vipul Kirti Shrama	Professor, Zoology	Member
7	Prof. N.K. Joshi	Asst. Professor, Geology	Member
8	Prof. R.C. Dixit	Asst. Professor, Physics	Member
9	Prof. N.K. Jain	Asst. Professor, Botany	Member
10	Prof. Netram Korav	Asst. Professor, Physics	Member
11	Prof. Anupam Jain	Professor, Mathematics	Member
12	Prof. Gunwant Holkar	Retired Professor, Chemistry	Community Representative
13	Mr. B.S. Pawar	Accountant	Administrative Staff
14	Prof. V. Raman	Asst. Professor, Gujrati College, Indore	External Expert
15	Prof. P. Khabia	Retired Professor, Mathematics	External Expert
16	Mr. Yuvraj Jadhav	Student, M.Sc. Mathematics	Student Representative

  
Co-ordinator

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



**Government Holkar (Model Autonomous) Science College,  
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**NOTICE**

A meeting is scheduled to be held on 17/7/2017 at 2.30 pm in the Conference Hall. All concerned members are requested to attend the meeting.

**Agenda:**

1. Opening Remarks.
2. Approval of Minutes of Previous Meeting.
3. Academic programmes proposed.
4. Infrastructure development proposed.
5. Extension/Value added programmes proposed.
6. Skill oriented and student mentoring programmes proposed.

Your presence is highly appreciated.

Dr. R.K Sharma  
IQAC Coordinator



## **Minutes of Meeting**

**Meeting Title:** IQAC Meeting 2017-18

**Date:** 17/7/2017

**Location:** Conference Hall

**Attendees:** Dr. Ruplekha Vyas, Dr. T. Abbasi, Dr. Vivek Raich, Dr. M. K. Diwedi, Dr V. K. Sharma, Dr .N.K. Joshi, Dr. R.C. Dixit, Dr. Netram Korav, Dr. A. Jain, Dr. G .Holkar, Dr. V Raman and Dr R.K. Sharma.

### **Agenda Items:**

- 1 Opening Remarks.
- 2 Approval of Minutes of Previous Meeting.
- 3 Academic programmes proposed.
- 4 Infrastructure development proposed.
- 5 Extension/Value added programmes proposed.
- 6 Skill oriented and student mentoring programmes proposed.

### **1 Opening the Meeting:**

The Chairperson Dr. Ruplekha Vyas called the meeting to order and welcome all the attendees. The purpose of the meeting was explained and agenda was presented.

### **2 Approval of Minutes of Previous Meeting:**

The minutes of the previous meeting which was held on 9/7/2016 are presented for review and approval. The members discussed the minutes and minutes were approved.

### **3 Academic programmes proposed:**

- The proposal to start B.Sc.-B.Ed., MBA, M.Phil. in Physics, Mathematics, and M.Sc. in Genetics was discussed and approved by the attendees.



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- The proposal to organize academic tours and lectures / seminars / workshops / symposium was also approved.
- It was suggested that new certificate courses could be introduced, and a new award could be started in the future.
- The attendees agreed to motivate faculties for publication work.

### **4 Infrastructure Development Proposed:**

- The attendees agreed to develop separate blocks for each department and construct extra classrooms.
- The proposal to construct new laboratories and renovate playgrounds was also approved.
- Enriching the library, covering gardens with boundary walls, providing drinking water facilities, upgrading the canteen facility, and installing CCTV cameras in the campus and classrooms were also discussed and approved.
- The attendees also agreed to provide Wi-Fi facilities in the campus.

### **5 Extension/Value Added Programmes Proposed:**

- The attendees agreed to start a cleanliness drive in the college and make it a polythene-free zone.
- The proposal to conduct Yoga Karyakram for students and gender equality programmes, self-defence programmes, etc., was discussed and approved.
- The suggestion to incorporate subjects like Moral Values as a compulsory subject was also approved.
- Lectures related to Moral values, spirituality, national integration, Indian tradition and culture, etc., and social welfare activities like blood donation camp, disease awareness camps, women's empowerment programmes, cancer/breast cancer awareness programmes, etc., were also discussed and approved.
- The attendees agreed to conduct civic development activities such as road safety programmes, awareness about RTI, gender sensitivity, voting awareness campaigns, etc.

### **6 Skill-Oriented and Student Mentoring Programmes Proposed:**

- The proposal to organize lectures on entrepreneurship skill development, personal grooming, personality development, and attitude building was discussed and approved.
- The attendees also agreed to organize a career fair in the college, lectures on the use of social networking sites, and awareness for cybercrime.
- The proposal to conduct job-oriented projects, entrepreneurship development programme for self-employment, and workshops for improving communication skills was discussed and approved.



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- The attendees agreed to organize zero-hour classes, bridge classes, remedial classes, classes for the preparation of competitive examinations, and talent search examinations.

**Action Items:**

- The attendees agreed to form committees to implement the proposed academic, infrastructure, extension/value-added, and student mentoring programme
- The committees will be responsible for designing the programmes, identifying resources required, and scheduling activities.
- The committees will also monitor the progress of the programmes and report to the attendees.

**Adjournment:**

- The Chairperson summarized the discussions and decisions that were made during the meeting. Thereafter Dr. Vivek Raich proposed a vote of thanks. He thanked the members of the IQAC for their suggestion to improve the quality of education. Principal and chairperson DR Ruplekha Vyas adjourned the meeting . the meeting concluded with National Anthem.

**Dr. Ruplekha Vyas**

**Principal**

**Government Holkar (Model Autonomous)  
Science College, Indore**



## **ACTION TAKEN 2017-18**

### **Academic programmes implemented:**

- 149 faculty members participated in various seminars/workshops.
- 55 papers were presented by the faculties in various seminars.
- 15 candidates awarded Ph.D. degree under the guidance of faculty members during the session.
- 01 major and 02 minor projects are ongoing while 03 major and 01 minor projects have been completed during the session.
- About 69 research papers are published by the faculty member in various peer-reviewed journals /proceedings.
- Switched on annual system at UG level so that whole syllabi at UG level is revised and introduced.

### **Infrastructure development implemented:**

- Four new classrooms on the first floor of the Academic Block have been constructed.
- Play grounds of cricket, Football, Kabbadi, Kho-Kho, Volley-ball, Basketball and Tennis were renovated during the session.
- For drinking water RO, installed in all the departments, Library, Red Building, Academic block, Examination department and various places of the college campus.
- All gardens were surrounded by boundary walls during the session.
- CCTV camera in campus and classrooms were installed during the session.
- Wi-Fi facility is available in college campus.
- Gardens were covered by boundary walls to protect them from external damage.
- Drinking water facility was improved for the students(viii) Canteen facility was upgraded to provide better food and service.
- CCTV cameras were installed in the campus and classrooms to ensure the safety and security of the students
- Wi-Fi facilities were improved to provide uninterrupted internet connectivity to the students.

### **Extension/Value added programmes implemented:**

- A cleanliness drive was started in the college, and the campus was declared a polythene-free zone.
- Yoga Karyakram was started for the students to improve their physical and mental health.
- Various programmes on gender equality, self-defence, moral values, and social welfare were organized during the last academic session.



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- Lectures related to moral values, spirituality, national integration, Indian tradition, and culture were organized for the students.
- Various social welfare activities such as blood donation camps, awareness campaigns on different diseases, health check-up camps, eradication of child labourers, Women's Day, and World Diabetes Day were organized during the last academic session.
- Civic development activities such as road safety programmes, awareness about RTI, and gender sensitivity were also organized during the last academic session.

### **Skill-oriented and student mentoring programmes implemented:**

- Lectures on entrepreneurship skill development were organized for the students.
- Lectures on personal grooming, personality development, and attitude building were organized to help the students face placement agencies.
- A career fair was organized in the college to help the students find suitable jobs.
- Lectures on the use of social networking sites and awareness of cybercrime were organized to educate the students.
- Job-oriented projects were introduced to help the students gain practical experience.
- Entrepreneurship development programmes were started to encourage self-employment among the students.
- Workshop for improving communication skills was organized for the students.
- Zero hour classes and bridge classes were organized for the students who need additional support.
- Remedial classes were organized for the students who need additional help.
- Classes for the preparation of competitive examinations were organized for the students.
- Talent search examinations were organized to identify the talented students and provide them with the necessary support

  
Dr. Ruplekha Vyas

**Principal**  
Government Holkar (Model Autonomous)  
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**(Re-accredited 'A' Grade by NAAC)**

Date:-

As per the guidelines issued by the NAAC Bengaluru, India, following composition of IQAC is constituted for Government Holkar (Model Autonomous) Science College, Indore, for the session 2018-19.

**IQAC 2018-2019**

S.No.	Name	Member
1.	Dr. Ruplekha Vyas	Principal & Chairperson
<b>Teachers (Three to Eight)</b>		
S. No.	Name	Department
1.	Dr. R. C. Dixit	Administrative Officer
2.	Dr. Anamika Jain	Chemistry
3.	Dr. Pramila Kori	Chemistry
4.	Dr. Vivek Raich	Mathematics
5.	Dr. Vipul Kirti Sharma	Zoology
6.	Dr. Kanta Moolchandani	English
7.	Dr. Sanjay Vyas	Botany
<b>Nominated Member</b>		
S. No.	Name	Category of Nomination
1.	Dr. Sudha Silawat	Stakeholder
2.	Shri Shailesh Kasliwal	Industrialists
3.	Dr. D. K. Sharma Professor MYH Indore	Local Society
4.	Ms. Shivani Jain	Student
5.	Dr. R.K. Tugnawat	Alumni
6.	Dr. R.K. Sharma	Coordinator

  
**Dr. Ruplekha Vyas**  
**Principal**  
**Government Holkar (Model Autonomous)**  
**Science College, Indore**



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



**NOTICE**

A meeting is scheduled to be held on 18/7/2018 at 2.30 pm in the Conference Hall. All concerned members are requested to attend the meeting.

**Agenda:**

1. Academic programmes proposed
2. Infrastructure development proposed
3. Extension/Value added programmes proposed
4. Skill oriented and student mentoring programmes proposed

Your presence is highly appreciated.

Dr. R.K Sharma  
Coordinator  
IQAC



## **Minutes of Meeting**

**Meeting Title:** IQAC Meeting 2018-19

**Date:** 18/7/2018

**Location:** Conference Hall

**Attendees:** Dr. Ruplekha Vyas , Dr. T. Abbasi, Dr. Vivek Raich, Dr. M.K.Diwedi, Dr V.K.Sharma, Dr .N.K.Joshi, Dr. R.C.Dixit, Dr.Netram Korav, Dr. A. Jain, Dr. G .Holkar, Dr. V Raman Dr R.K. Sharma

### **Agenda Items:**

- 1 Opening Remarks
- 2 Approval of Minutes of Previous Meeting
- 3 Academic programmes proposed
- 4 Infrastructure development proposed
- 5 Extension/Value added programmes proposed
- 6 Skill oriented and student mentoring programmes proposed

**1 Opening the Meeting:** The Chairperson Dr. Ruplekha Vyas called the meeting to order and welcome all the attendees. The purpose of the meeting is explained and agenda is presented

**2 Approval of Minutes of Previous Meeting:** The minutes of the previous meeting which was held on 17/7/2017 are presented for review and approval. The members discuss the minutes and minutes are approved

### **3 Academic Programmes Proposed:**

- The committee discussed the need to organize academic tours to provide practical exposure to the students. It was suggested that tours should be arranged to relevant industries, research institutions and field sites.



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



- The committee proposed to organize Lectures / seminars/ workshop/ symposium for students and faculty members to provide an opportunity for sharing knowledge, skills and best practices.
- It was suggested to start new certificate courses on relevant subjects that can enhance employability of the students.
- The committee also discussed the need to start new awards to recognize outstanding academic and research performance.
- To motivate faculties for Research activities, it was suggested to provide incentives, training, and resources.
- The committee proposed to organize a Science Exhibition to promote interest and curiosity in science among the students.
- The committee also proposed to organize remedial classes for students who need extra support to improve their academic performance.

### **4 Infrastructure Development Proposed:**

- The committee discussed the need to develop separate blocks for each department to provide better infrastructure and facilities.
- The committee proposed to construct extra classrooms to accommodate more students and increase the student-teacher ratio.
- The committee also proposed to construct new laboratories to provide better practical exposure to the students.
- It was suggested to renovate playgrounds to provide better sports facilities to the students.
- The committee proposed to enrich the library with more books, journals and digital resources.
- It was suggested to upgrade the canteen facility to provide better quality food and hygiene.

### **5 Extension/Value Added Programmes Proposed:**

- The committee proposed to start a cleanliness drive in the college and make it a polythene-free zone to promote environmental awareness.
- It was suggested to organize a Yoga Karyakram for students to promote physical and mental wellbeing.



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- The committee proposed to organize gender equality programs and self-defense programs to promote gender sensitivity and safety.
- The committee proposed to organize lectures related to moral values, spirituality, national integration, Indian tradition, and culture to promote cultural awareness among the students.
- The committee proposed to organize social welfare activities such as blood donation camps, organ/body donation programs, and awareness campaigns about diseases and health issues.
- It was suggested to organize civic development activities such as road safety programs, awareness about RTI, and gender sensitivity, and voting awareness campaigns.

### **6 Skill Oriented and Student Mentoring Programmes Proposed:**

- The committee proposed to organize lectures on entrepreneurship skill development to promote self-employment and job creation among the students.
- It was suggested to organize lectures on personal grooming, personality development, and attitude building to enhance employability and prepare students to face placement agencies.
- The committee proposed to organize job-oriented projects to provide practical exposure to the students.
- It was suggested to organize remedial classes for students who need extra support to improve their academic performance.
- The committee proposed to organize classes for the preparation of competitive examinations to enhance employability among the students.

### **Action Items:**

- The committee will identify suitable destinations and prepare a plan to organize academic tours for the students.
- The committee will identify suitable speakers and prepare a plan to organize Lectures/seminars/workshop/symposium.



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Indore (M.P.)**



- The committee will identify suitable courses and prepare a plan to start new certificate courses.
- The committee will finalize the criteria and prepare a plan to start new awards if any.
- The committee will prepare a plan to motivate faculties for research activities.

**Adjournment:**

- The Chairperson summarizes the discussions and decisions made during the meeting Thereafter Dr. V.K .Sharma proposed a vote of thanks. He thanked the members of the IQAC for their suggestion to improve the quality of education Principal and chairperson Dr. Ruplekha Vyas adjourned the meeting . the meeting concluded with National Anthem.

  
Dr. Ruplekha Vyas

Principal

Government Holkar (Model Autonomous)  
Science College, Indore



## **Action Taken Report: 2018-19**

The college has implemented various academic, infrastructure, extension/value-added programs, skill-oriented, and student mentoring programs during the academic session.

### **Academic Programs:**

- Three national/international seminars/conferences and seven training programs/workshops/seminars for students were organized by different departments/cells of the college.
- Bhuvisanwad Programme by the Department of Geology was held on 31/10/18.
- Two certificate courses on "Mobile Repairing, DTH Installation & T.V. Repairing" and "Computer hardware & Network" for students were organized during the session.
- Two workshops for teachers and other staff members were organized during the session.
- Approx. 185 faculties participated in various seminars/workshops, and approximately 53 papers were presented by the faculty members in various seminars.
- Thirteen candidates have been awarded Ph.D. degrees under the guidance of faculty members during the session.
- About 92 research papers were published by the faculty members in various peer-reviewed journals/proceedings.
- Annual system at UG level started. All the syllabi at UGII Year level have been revised and implemented.
- Two new courses M.Phil., in Physics, Mathematics are in progress.
- Ten educational excursions were organized by the college during the session.
- Science Exhibition by the Department of Pharma Chem.



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### **Infrastructure Development:**

- Two new classrooms on the first floor of the Academic Block were constructed.
- Horticulture, Pharma Chem., Chemistry, Physics, Botany Labs have been updated during the session.
- Playgrounds of cricket, football, kabbadi, kho-kho, volleyball, basketball, and tennis were renovated during the session.
- Proposal for a new canteen building and Gym has been processed.
- Gardens are surrounded by boundary walls during the session.

### **Extension/Value-Added Programs:**

- Students participated in various programs held on the occasion of Independence Day, Republic Day and Gandhi Jayanti.
- The NCC cadets of the college performed various activities like tree plantation, Nukkad Natak, etc., during the session.
- The NSS unit organized various programs like Population Rally, Plantation, Swacchhata Programmes, Voter awareness Programme, aIDs Awareness pledge, Road Safety week, Blood Donation Camp, 7 days camp at village Asrawad, etc., during the session.
- The Red Cross Society organized Plantation, Komi Ekta Week, Health Check-up camp, Eye Test Camp, etc., during the session.
- Visit to Jyoti Niwas Old home by Dept. of Pharma Chem., Gosthi on Jal evam Paryavaran by Dept. of Geology, Banking Awareness Programme by Dept. of Micro. Bio., etc., during the session.
- For drinking water "Microbial analysis of Water samples from different locations on GHSC campus" was conducted by the Department of Microbiology during the session.
- Women empowerment programs: Lecture by IG Police on "Safety & Security," safety camp, etc., were organized by the women empowerment cell during the session.



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**Skill-Oriented and Student Mentoring Programs:**

- Entrepreneurship Development is taught at the UG level as a separate course.
- Swami Vivekananda career guidance cell organized various training programs, lectures, and essay writing on entrepreneurship development, computer hardware and networking, plant tissue of medicinal plant and organic farming, mobile repairing and DTH installation & TV repairing, time management, Swarojgar, development of women & children, banking & other competitive exams, etc.
- Personality development cell organized lectures on Responsibility of Teachers for Students, Ek Bharat Akhand Bharat, essay writing on Ahinsa and Gandhi Darshan and Mere Sapno Ka Bharat, patriotic song competition on Jara Yaad Kar

Digitally signed by Nagesh Dagaonkar  
DN: cn=Nagesh Dagaonkar, o=GOVT  
Holkar(Modelautonomous) Science college  
Indore, ou=IQAC coordinator,  
email=nagesh.dagaonkar@gmail.com, c=IN  
Date: 2023.02.22 15:32:46 +05'30'

  
**Dr. Ruplekha Vyas**

**Principal**  
**Government Holkar (Model Autonomous)**  
**Science College, Indore**



Office of the Principal

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(Re-accredited 'A' Grade by NAAC)

Date: 01.07.2019

Date:-

As per the guideline of NAAC, following member are nominated for Internal Quality Assurance Cell (IQAC) 2019-2020.

S.No.	Name	Post	Description
1	Dr. Suresh T. Silawat	Principal	Principal
2	Prof. R.K. Sharma	Professor, Mathematics	Co-ordinator
3	Prof. M.K. Dwivedi	Professor, Chemistry & U.G.C Incharge	Member
4	Prof. M.M.P. Shrivastav	Professor, Zoology	Member
5	Prof. Ravindra Garg	Professor, Mathematics	Member
6	Prof. R.C. Dixit	Asst. Professor, Physics	Member
7	Prof. Toushee Abasi	Asst. Professor, English	Member
8	Prof. Vishnu Gardgil	Professor, Geology	Member
9	Prof. Vivek Rich	Asst. Professor, Mathematics	Member
10	Prof. Angurbala Bafna	Asso. Professor, Biochemistry	Member
11	Prof. Poonam Bhatnagar	Asso. Professor, Geology	Member
12	Prof. Suwarna Tanwani	Asso. Professor, English	Member
13	Prof. Netram Kaurav	Asst. Professor, Physics	Member
14	Prof. Kamla Shivani	Professor, Botany	Member
15	Prof. Naresh Patel	Asst. Professor, Mathematics	Member
16	Prof. Renu Jain	Asso. Professor, Zoology	Member
17	Prof. Ashok Barua	Asst. Professor, Chemistry	Member
18	Prof. A.K. Sharma	Retired Professor, Director of Life Science, Choithram College of Professional Studies, Indore	Alumni
19	Prof. R. S. Gupta	Retired Professor, Govt. Veterinary college, Mhow	Alumni
20	Mr. Rajesh Sharma	Director, IBM, Ace, Decit Pvt. Ltd.	Management Representative
21	Prof. Gunwant Holkar	Retired Professor, Chemistry	Community Representative
22	Mr. B.S. Pawar	Accountant	Administrative Staff
23	Mrs. Saroj Tiwari	Lab Technician	Technical Staff
24	Prof. V. Raman	Asst. Professor, Gujarati College, Indore	External Expert
25	Prof. P. Khabla	Retired Professor, Mathematics	External Expert
26	Mr. Yuvraj Jadhav	Student, M.Sc. Mathematics	Student Representative
27	Ku. Pooja Gupta	Student, M.Sc. Biochemistry	Student Representative

Co-ordinator

Principal  
Govt. Model Autonomous  
Holkar Science College  
Indore (M.P.) Ph. 246074



### **Notice**

This is to inform you that a meeting of the Internal Quality Assurance Cell (IQAC) is scheduled to be held on **20/7/2019** at **2.30 pm** at the Conference Hall of the college.

The purpose of this meeting is to discuss and approve the academic programmes, infrastructure development, extension/value-added programmes, and skill-oriented and student mentoring programmes proposed for the session 19-20. The meeting will also include discussions on other matters related to quality enhancement and sustenance of the college.

All concerned members of the IQAC are requested to attend the meeting on time and actively participate in the discussions. Your presence and valuable inputs will be highly appreciated.

Thank you.

Sincerely,

Dr. R.K Sharma  
IQAC Coordinator



**Agenda for IQAC Meeting for the Session 19-20:**

1. Approval of Minutes of the Last Meeting
2. **Academic Programmes Proposed:** (i) Discussion and approval of proposals for new academic programmes, such as B.Sc.-B.Ed., MBA, B.Sc. (Honours) courses, and M.Sc. in Genetics. (ii) Discussion and approval of proposals for organizing academic tours. (iii) Discussion and approval of proposals for organizing lectures, seminars, workshops, and symposium. (iv) Discussion and approval of proposals for starting new certificate courses.
3. **Infrastructure Development Proposed:** (i) Discussion and approval of proposals for developing separate blocks for each department. (ii) Discussion and approval of proposals for constructing extra classrooms. (iii) Discussion and approval of proposals for constructing new laboratories. (iv) Discussion and approval of proposals for renovating playgrounds. (v) Discussion and approval of proposals for enriching the library. (vi) Discussion and approval of proposals for upgrading canteen facilities.
4. **Extension/Value Added Programmes Proposed:** (i) Discussion and approval of proposals for starting a cleanliness drive in the college and making it a polythene-free zone. (ii) Discussion and approval of proposals for organizing yoga programmes for students. (iii) Discussion and approval of proposals for conducting gender equality programmes, self-defence programmes, etc. (iv) Discussion and approval of proposals for incorporating compulsory subjects such as Moral Values in the curriculum. (v) Discussion and approval of proposals for organizing lectures related to Moral values, spirituality, national integration, Indian tradition and culture, etc. (vi) Discussion and approval of proposals for conducting social welfare activities, such as blood donation camps, awareness about diseases/health, vector-borne disease awareness camps, clean environment programmes, eradication of child labourers, Women's Day, and World Diabetes Day awareness campaign, programmes for women empowerment, cancer/Breast Cancer awareness programme, workshop on violence against women, tree plantation, etc. (vii) Discussion and approval of proposals for conducting civic development activities, such as road



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safety programmes, awareness about RTI, awareness about gender sensitivity, etc.

- 5. Skill-Oriented and Student Mentoring Programmes Proposed:** (i) Discussion and approval of proposals for organizing lectures on entrepreneurship skill development. (ii) Discussion and approval of proposals for organizing lectures on personal grooming, personality development, and attitude building. (iii) Discussion and approval of proposals for organizing career fair in the college. (iv) Discussion and approval of proposals for organizing lectures on the use of social networking sites and awareness for cybercrime. (v) Discussion and approval of proposals for job-oriented projects. (vi) Discussion and approval of proposals for conducting entrepreneurship development programme for self-employment. (vii) Discussion and approval of proposals for organizing workshops for improving communication skills. (viii) Discussion and approval of proposals for organizing zero hour classes and bridge classes. (ix) Discussion and approval of proposals for organizing remedial classes. (x) Discussion and approval of proposals for organizing classes for the preparation of competitive examinations. (xi) Discussion and approval of proposals for organizing talent search examinations.

**6. Any Other Matter with the Permission of the Chair**

**7. Vote of Thanks and Adjournment.**

**Principal**

**Government Holkar (Model Autonomous)  
Science College, Indore**



## **Action Taken Report: 2019- 20**

During the session, several actions were taken by the college to enhance the quality of education and provide opportunities for students and faculty members. The following is a summary of the actions taken:

### **Academic programmes implemented**

- Proposal for B.Sc. (Honours) in Mathematics and Physics: The college has proposed to introduce B.Sc. (Honours) in Mathematics and Physics to provide specialized education in these subjects.
- Seminars, Conferences, Workshops, and Webinars: Four national/international seminars, conferences, workshops, and various webinars were organized through different departments of the college. These events provided opportunities for students and faculty members to learn from experts and enhance their knowledge.
- Training/Internship Programs and Other Programs for Students: Three training/internship programs and various other programs for students were organized through different departments/cells of the college. These programs provided practical exposure to students and helped them gain new skills.
- Bhuvisanwad Programme by Dept. of Geology: The Department of Geology organized a Bhuvisanwad program on 15-16/11/19, which provided a platform for students and faculty members to discuss current issues related to Geology.
- Participation of Faculty Members in Seminars and Workshops: More than 227 faculty members participated in various seminars and workshops, and approximately 05 papers were presented by them.
- Ph.D. Degree Awarded to 14 Candidates: Fourteen candidates were awarded Ph.D. degrees under the guidance of faculty members during the session.
- Ongoing Major Project: One major project is ongoing during the session, which will contribute to the research and development of the college.
- Research Papers Published by Faculty Members: About 82 research papers were published by the faculty members in various peer-reviewed journals/proceedings.



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- Introduction of Annual System at UG Level: The college switched to the annual system at the UG level, and all syllabi at UG (B.Sc.) III Year level were revised and introduced.
- Remedial Classes for Slow Learners: Remedial classes were organized for slow learners to provide them extra support and help them improve their performance.

### **Infrastructure development implemented:**

- Six new classrooms are under construction.
- Fifteen new labs are under construction.
- Construction of two buildings for computer science department and examination are in progress.
- New canteen and gym buildings are under construction.
- First floor of on Library is constructed and Library building renovated during the session.
- Old classrooms in Red-Building, and in Yashwant Hall, Language lab, Dept. of For. Sc.& Dept. of Pharma Chemistry are renovated during the session.
- New building construction for Dept. of Geology is under process
- Play grounds were renovated during the session.
- Sheds are installed in front of Office, and back side of the office and on front of departments during the session.
- NSS wing is renovated during the session. (xi) One store/workshop hall is constructed during the session.

### **Extension/Value added programmes implemented**

- The students participated in the various programmes held on the occasion of Independence Day, Republic day and Gandhi Jayanti.
- (i) The NCC cadets of the college performed various activities like Tree plantation, Nukkad Natak etc during the session.
- The NSS units organized various programmes like: Sadbhavana Divas (20/08/19), Plantation-Hariyali Mahotsav (11/08/19), Rally against "Food Adulteration" (24/08/19) Women Empowerment Session JUDO/Karate (07/09/19), "Kaumi Ekta" Shapath" (19/11/19), Programmes on AIDs awareness (20/11/19, 21/11/19, 28- 30/12/19), Rastriya YUVA Diwas celebration (12/01/20), Blood donation camp (01/12/19 at MY Hospital &



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



30/12/19 in college campus.), Eye Checkup camp (17/11/19), NSS camp (21-27/11/19) etc during the session.

- The NCC units organized various programmes like: Polio Abhiyaan (16/10/19), Kagil Vijay Divas (26/07/19), Painting Programme by cadets: on Gandhi Jayanti (11/07/19), Traffic Control Programme (15/07/19), Tikakaran motivation to people, Assist to Medical Staff, Cleanliness Drive (Sawccha Bharat) (14/12/19), Awarding Ceremony (24/11/19), Visit to Heritage (Kastoorba Gram) (29/11/19) etc.
- The Red Cross Society organized: Plantation on Kargil Martyr (31/07/19), Blood Donation Camp (30/12/19), Polythene Free Campus Prog. (26/01/20), Lecture on scientific basis of cancer awareness and training on CPR (07/02/20), Health Checkup camp on women day (07/03/20), Poster competition on AIDS Awareness (17/01/20), Poster competition on cancer Awareness (04/02/20), Visit to Musakhedi Slum area and Nutrition Awareness (08/08/19), Vigilance Awareness Week (29/10-03/11/19) etc during the session. (vi) Dept. of Botany organized: National AIDS Control Program, Environment Awareness programme on air pollution (30/07/19), Plantation Activities: Botanical Garden (30/08/19), Tagging of Plant (22/09/19), Visit to Jyoti Niwas old age home (14/01/20), Vermi compost Training: Kasturba Gram (25/01/20) etc.
- Dept. of Pharma organized: Poster competition: Route of drug Administration and dosage form (30/12/19), Quiz Competition (14/01/20), Astha Old Age Home Visit (14/11/19), Alumni Meet (02/11/19) etc
- Dept. of Microbiology organized: Research Studies on Unknown Foul Odour of Indore City” (Nov.-Dec. 19), Excursion trip: “Parenteral drugs pvt. Ltd., Mandlehwar” (22/01/20), PTA (04/03/20), Covid-19 Awareness Programme (04-06/06/20) etc.
- Dept. of Biochemistry organized: Kargil Divas Calibration: Basket Ball Complex, Indore (28/07/19), Programme on Health and Nutrition (16/09 – 12/10/19), Alumni Meet (03/11/19, PTA (15/02/20), Mushroom Cultivation training (06/03/20), Online Quiz : (Nutrition and Immunology) (03/06-09/06/20) etc.
- Dept. of Geology organized: Gosthi-Jal Evam Paryavaran Sankat, Samadhan and Upay (06/08/19). (xi) Dept. of Biotech & Bioinfo. Organized: Plantation: 01/08/19, CSIR NET Classes: 01/09-30/11/19,



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- Parents Teacher meeting: 02/11/19, A visit to Jeevan Shala Visharjan Ashram (slum area):02/11/19, Science Olympiad: 29/02/20 etc
- For drinking water "Microbial analysis of Water samples from different locations on GHSC campus" is conducted by Department of Microbiology during the session.
- Various programmes organized by Eco Club & Dept. of See & Horticulture.

**Skill-oriented and student mentoring programs that were implemented include:**

- Entrepreneurship development program was taught at the UG level as a separate course.
- Various programs were organized by the Career Guidance Cell, such as 'SWOT' (29/07/2019), a lecture on 'C.V. Writing' (30/09/2019), a lecture on 'Mock Interview (Practical)' (04/10/2019), a lecture on "Career Aspects of Bio Sciences Students in Conservation of National Parks" (12/12/2019), lectures on "Career Opportunities in Govt. Sector" and "Assessment of Aptitude through handwriting" (30/01/2020), Yoga & Meditation (23/09-14/10/19), a lecture on 'नैतिक मूल्य और विद्यार्थी जीवन\*\*' (07/11/2019), Personal Counseling and Mentoring (23/09-14/10/19), etc.
- The Personality Development Cell organized various events, such as Rashtriya Aandolan (21/08/2019), Aatankvad Samasya Evam Samadhan (09/09/2019), Gandhi Evam Aatmnirbharta (10/10/2019), Gurunanak ke Vichar (27/11/2019), Bangladesh Ke Kranti (28/01/2020), etc.
- Various skill-oriented courses were organized by various departments, such as Hands-on Training on "Programme on Mushroom Cultivation" for self-employment (10-11/10/19) by the Dept. of Horticulture & Seed Technology; Tr. Prog. on "Advanced Agro Techniques for Entrepreneurship Development" (22/01-14/02/20) by the Dept. of Botany & Career Guidance Cell; Tr. Prog. on "Organic Farming for Sustainable Development and Conservation of Environment" (Career Guidance Cell & Dept of Seed & Hort.)( 28/02-03/03/2020); Lectures on "Biodiversity Conservation Through a lens of a Forester," "Technology for Avian Studies," "Wild Life Sustainability and Management," "Zoo Management," "Biodiversity" by (Biochem & Career Guidance Cell)( 02/03/2020); Short-term employment-oriented Tr. On "Health and



**Government Holkar (Model Autonomous) Science College,  
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Nutrition" (16/09-12/10/19 & 02-31/12/19) by the Dept. of Biochem. & Career Guidance Cell; a lecture on career opportunities in Geology (Career Guidance Cell & Dept of Geology) (26/11/2019); lectures on "Job Opportunities in Questioned Documents" & "Forensic Examination of Blood, Bloodstains and Blood Grouping System" (Career Guidance Cell & Dept of For. Sc.) (15/01/2020); Personality Development & Communication Program (Career Guidance Cell & Dept. of Chemistry) (23/09-14/10/19); Language Lab (Career Guidance Cell & Dept. of Chemistry) (23/09-14/10/19); Computer Hardware, Equipment Repairing & fabrication training Workshop (Career Guidance Cell & Dept. of Electronics) (18/11-16/12/19); Tr. On Basic Programming with Python (Career Guidance Cell & Dept. of Electronics) (2019-20); Tr. On Embedded System Design based on Arduino (Career Guidance Cell & Dept. of Electronics) (2019-20), etc.

- Remedial classes were organized by the Dept. of Zoology, Pharma Chemistry, Chemistry, and English for slow learners during the session.

Digitally signed by Nagesh Dagaonkar  
DN: cn=Nagesh Dagaonkar, o=GOVT  
Holkar(Modelautonomous) Science college Indore,  
ou=IQAC coordinator,  
email=nagesh.dagaonkar@gmail.com, c=IN  
Date: 2023.02.22 15:33:53 +05'30'

**Principal**  
**Government Holkar (Model Autonomous)**  
**Science College, Indore**

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

As per the guidelines issued by the NAAC Bengaluru ,India for the composition IQAC. It is noticed that Holkar college has constituted the IQAC for the session 2020-21

### IQAC 2020-21

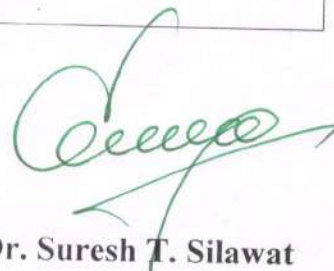
S. no.	Name	Member
1	<b>Dr.Suresh T Silawat</b>	<b>Chairperson</b>
<b>Teachers (Three to eight)</b>		
1	Dr. G.D. Gupta	Professor of Physics
2	Dr. V. Gadgil	Professor of Geology
3	Dr. Anamika. Jain	Professor of Chemistry
4	Dr. V.Raich	Professor of Mathematics
5	Dr K.Moolchandani	Associate Professor
6	Dr. Pramila Kori	Assistant Professor
7	Dr.R.C.Dixit	Administrative Officer
<b>Nominated Member</b>		
S.No.	Name	Category of Nomination
10	Dr. Sudha Silawat	Stakeholder

11	Shri Shailesh Kasliwal	Industrialists
12	Dr. D.K. Sharma Professor MYH Indore	Local Society
13	Sh. R Diwedi (M.Sc.,Physics)	Student
14	Dr. R.k. Tugnawat	Alumni
15	Dr..N.Dagaonkar	Coordinator



**Dr R.C Dixit**

**Administrative officer**



**Dr. Suresh T. Silawat**

**Principal**

**Principal**  
**Govt. Model Autonomous**  
**Holkar Science College**  
**Indore (M.P.) Ph. 246074**

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

## **NOTICE**

**Sub:** Meeting of Internal Quality Assurance Cell to be held on 19th Aug 2020 at 11:30 A.M.

Due to the unavoidable circumstances caused by the spread of corona virus (COVID-19) all the members of Internal Quality Assurance Cell (IQAC) are hereby informed that, an online IQAC meeting is to be held on 19th May at 11:30 AM onwards using Google Meet platform. Presence of all members of IQAC online meeting is solicited. The details of the online meeting are as follows:

**Topic:** IQAC Meeting

**Date & Time:** Aug19, 2020 11:30 AM

**Platform :** Google Meeting.

Meeting ID and passcode will be sent to the respected member on 19 Aug by 10.30 AM.

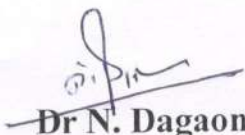
### **Agenda of the Meeting**

1. Introduction of external member to our IQAC committee,
2. To initiate Outcome Based Education(OBE) in the Institution.
3. To Subscribe the G-Suite by the College .
4. To Conduct Orientation for NEP2020
5. To discuss about the feedback received from the various stakeholder
6. To discuss the preparation for the upcoming NAAC visit.
7. To discuss the upcoming Webinar
8. To discuss the upcoming online academic audits.

9. IQAC suggests introduction of the following new courses: M.Sc Geography ,M.Sc. Seed Technology B,Sc Physics(H) and B.Sc. Maths(H) Based on the feedback and suggestions from different stakeholders specially alumni.

10. Any other relevant point may be raised during the meeting with the permission of the Chairman

All members are requested to make it convenient to be present during the meeting.



**Dr N. Dagaonkar**

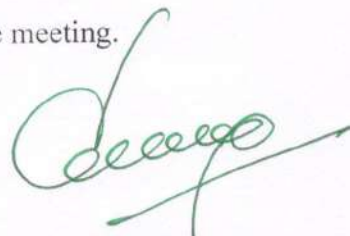
Coordinator

Coordinator (IQAC)  
Govt. Holkar (Model, Autonomous)  
Science College, INDORE



**Dr R.C Dixit**

Administrative officer



**Dr. Suresh T. Silawat**

Principal

Principal  
Govt. Model Autonomous  
Holkar Science College  
Indore (M.P.) Ph. 246074

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

## Minutes of the meeting of IQAC held on 19 August 2020.


As per the prior notice with the permission of the Principal, the meeting of IQAC began on today, 19th August, at the beginning of the meeting, members were welcomed by the IQAC coordinator. Following resolution were passed unanimity.

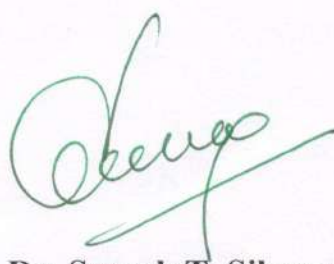
### Resolu

### tions:

- The minutes of the previous of IQAC were read out and confirmed.
- New external member Dr.Sudha Silwat, Sh. Shilesh Kasliwal, Dr. D.K. Sharma , Dr. R.K Tugnawat and Sh. R Diwedi were introduced to the IQAC committee by Dr. V.Gadgil.
- Committee agrees and permitted for OBE-based teaching in the college.
- G-suite-based online teaching is allowed and appreciated by the members.
- Permission is granted to conduct the orientation program for NEP2020.
- Prof. DR. R. Garg, Controller of Examinations, is requested to send the examination policies and student & alumni feedback for updating in the website.
- All the HODs are requested to submit their updated syllabus and to highlight the changed portions (if any) in the syllabus for uploading in the institute website.
- All departmental coordinators are requested to update the faculty list and faculty publication list and give an update on IQAC cell.
- Prof. Dr.R Garg, Controller Of Examinations, updated the committee members about various online examinations conducted by the institute.
- Permission is granted to start the proposed four courses in the college and instructions are given for taking further action.
- The meeting ended with a vote of thanks to the Chair.

  
**Dr N. Dagaonkar**

  
**Dr R.C Dixit**  
Administrative officer

  
**Dr. Suresh T. Silawat**

**Coordinator (IQAC)**  
Govt. Holkar (Model, Autonomous)  
Science College, INDORE

**Principal**  
Govt. Model Autonomous  
Holkar Science College  
Indore (M.P.) Ph. 246074



**Office of the Principal**  
**Govt. Holkar (Model Autonomous) Science College, Indore**  
**(M.P.)**

Contact No. 0731-2464074, 2446806, 2764027 (Exam)

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

**ACTION TAKEN REPORT**

S. No.	PLAN	ACTION TAKEN
1	To Initiate Outcome Based Education in the instruction	OBE introduced in UG & PG classes
2	Subscribe THE G Suite	G Suite Subscribed
3	Conduction OF Orientation for NEP2020	Orientation, FDP & Workshop conducted for all stakeholders
4	Feedback	Feedback from stakeholder was taken and action on feedback was carried out
5	Preparation for upcoming NAAC	AQAR for previous year submitted
6	Upcoming webinar	Several webinars, FDP, SDP, Value-added course were conducted
7	Introduction of M.Sc. Geography, M.Sc. Seed-technology, B.Sc. Physics (Honor) and Mathematics (Honor).	Permission for all the three courses was received from higher education department

Dr. Nagesh Dagaonkar  
IQAC Coordinator

Government Holkar (Model Autonomous) Science

College, Indore

**Government Holkar (Model Autonomous)**  
**Science College, Indore**

Dr. Suresh T. Silawat  
Principal

Government Holkar (Model Autonomous) Science

College, Indore

**Government Holkar (Model Autonomous)**  
**Science College, Indore**





Office of the Principal

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

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e-mail : [principalhsc@rediffmail.com](mailto:principalhsc@rediffmail.com), Web Address: [www.collegeholkar.org](http://www.collegeholkar.org)

(Re-accredited 'A' Grade by NAAC)

Date:-

As Per the guideline issues by the NAAC Bengaluru, India for the composition IQAC. It is noticed that Government Holkar (Model Autonomous) Science College, Indore has constituted the IQAC for the session 2021-22.

**IQAC 2021-22**

S.No.	Name	Member
1.	Dr. Suresh T. Silawat	Chairperson
<b>Teachers (Three to Eight)</b>		
S. No.	Name	Department
1.	Dr. G. D. Gupta	Professor of Physics
2.	Dr. Anamika Jain	Professor of Chemistry
3.	Dr. Bijendra Rai	Professor of Chemistry
4.	Dr. Vivek Raich	Professor of Mathematics
5.	Dr. R. C. Dixit	Administrative Officer
6.	Dr. Kanta Moolchandani	Associate Professor
7.	Dr. Pramila Kori	Assistant Professor
<b>Nominated Member</b>		
S. No.	Name	Category of Nomination
1.	Dr. Sudha Silawat	Stakeholder
2.	Shri Shailesh Kasliwal	Industrialists
3.	Dr. D. K. Sharma Professor MYH Indore	Local Society
4.	Shri R. Diwedi (M.Sc. Physics)	Student
5.	Dr. R.K. Tugnawat	Alumni
6.	Dr. Nagesh Dagaonkar	Coordinator

Dr. R.C. Dixit  
Administrative Officer



Dr. Suresh T. Silawat  
Principal

**Principal**  
**Govt. Model Autonomous**  
**Holkar Science College**  
**Indore (M.P.) Ph. 246074**



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



**NOTICE**

**Subject:** Meeting of IQAC

This is to inform all members of the Institutional Quality Assurance Cell (IQAC) that a meeting of the committee has been scheduled to take place on 18 August 2021 at 11.30 am in Conference Hall . The agenda for the meeting is as follows:

1. Opening Remarks
2. Approval of Minutes of Previous Meeting
3. Presentation of New Action Items academic year 2021-22
4. Formation Language Enrichment Cell
5. Formation of Innovative Teaching Based Paedology
6. Indian Knowledge Excellence Promoting Forum
7. Review of Previous Action Items
8. Any Other Business
9. Adjournment

All members are requested to attend the meeting on time and to come prepared to discuss the agenda items. In case of any conflicts or inability to attend, please notify the undersigned prior to the meeting.

Your participation in the meeting is highly appreciated.

Thank you.

Sincerely,

Dr. Nagesh Dagaonkar  
Coordinator IQAC



## **MINUTES OF IQAC MEETING**

**Date: 18 August 2021 Time: 11.30 am Location Conference Hall .**

**Attendees: [Insert list of attendees, including their names and affiliations]**

1. Dr. G. D. Gupta Professor of Physics
2. Dr. Anamika Jain Professor of Chemistry Professor of Chemistr
3. Dr. Bijendra Rail Professor of Chemistry
4. Dr. Vivek Raich Professor of Mathematics Administrative Officer
5. Dr. R. C. Dixit Admmministrative Officer
6. Dr. Kanta Moolchandani Associate Professor Assistant Professor
7. Dr. Pramila Kori Associate Professor Chemistry .
8. Dr. Sudga Silawat (Nomnated Member)
9. Shri Shailesh Kasliwal (Nomnated Member)
10. Dr. D. K. Sharma (Nomnated Member)
11. Dr. R. K. Tugnawat (Nomnated Member)
12. Dr. Nagesh Dagaonkar Coordinator

1. **Opening the Meeting:** The Chairperson **Dr. Suresh T .Silawat** calls the meeting to order and welcomes all attendees. The purpose of the meeting is explained and the agenda is presented.
2. **Approval of Minutes of Previous Meeting :** The minutes of the previous meeting which was held on August 19, 2020 are presented for review and approval. The members discuss the minutes and the minutes are approved.
3. **Presentation of New Action Items academic year 2021-2:** The IQAC coordinator Dr. Nagesh Dagaonkar presents the new action items for the academic year 2021-22( attached here with) . Each action item is discussed,

and the members are encouraged to provide their feedback and suggestions  
The above resolutions were approved

4. **Formation Language Enrichment Cell:** The formation of the Language Enrichment Cell is discussed. The members provide their input and suggestions for the composition of the cell, its role and responsibilities, and the timeline for its implementation. The above resolutions were approved
5. **Formation of Innovative Teaching Based Paedology:** The formation of the Innovative Teaching Based Paedology committee is discussed. The members provide their input and suggestions for the composition of the committee, its role and responsibilities, and the timeline for its implementation. The above resolutions were approved
6. **Indian Knowledge Excellence Promoting Forum :** The formation of the Indian Knowledge Excellence Promoting Forum is discussed. The members provide their input and suggestions for the composition of the forum, its role and responsibilities, and the timeline for its implementation. The above resolutions were approved
7. **Review of Previous Action Items :** The progress of the previous action items is reviewed. The members discuss the status of each item and provide updates on their progress.
8. **Any Other Business:** Dr R.K. Tugnawat nominated member sought information about the policy of the college. Respected Members suggested some new policies to be made and also suggested to upgrade the existing policies The above resolutions were approved
9. **Closing the Meeting:** The Chairperson summarizes the discussions and decisions made during the meeting. Thereafter, Dr. B. Rai , Coordinator NAAC proposed a vote of thanks. He thanked the members of the IQAC for their suggestions to improve the quality of education.. Dr. Suresh T

Silawat , Principal and Chairman of IQAC adjourned the meeting. The meeting concluded with the National Anthem.



**Principal**  
**Government Holkar (Model Autonomous)**  
**Science College, Indore**

## **Action plan for the year 21-22**

<b>S.N.</b>	<b>Head</b>	<b>Action Plan for the year</b>
1.	<b>Curricular Planning and Implementation</b>	<ol style="list-style-type: none"> <li>1. Academic activity calendar will be prepared by IQAC for the Annual and Semester patterns.</li> <li>2. IQAC will ensure that Departmental Calendars of Activities (Academic and Co-curricular) are prepared and followed by every department.</li> <li>3. IQAC will ensure that Teaching plans are available and meticulously followed in every department.</li> <li>4. Objectives of the curriculum will be achieved by departments and ensured by IQAC.</li> </ol>
2.	<b>Academic Flexibility</b>	<ol style="list-style-type: none"> <li>1. New education policy will be introduced in UG's first year.</li> <li>2. Semester and choice-based Curriculum will be adopted in UG's first year</li> <li>3. M.Sc. in Seed technology will be started.</li> <li>4. M.Sc. in Geography will be started.</li> <li>5. PGDCA will be started.</li> <li>6. Certificate Course in Mushroom Cultivation</li> <li>7. Value-added Courses in each Department</li> </ol>
3.	<b>Curriculum Enrichment</b>	<ol style="list-style-type: none"> <li>1. IQAC will ensure that Study tours, field visits, group discussions, and seminars are conducted in various departments.</li> <li>2. At least 1-2 Sensitization programs/courses on cross-cutting issues like gender, environment, human values, and professional ethics will be organized.</li> <li>3. No. of projects for students will be enhanced.</li> </ol>
4.	<b>Feedback System</b>	Feedback will be obtained from teachers, students, alumni, and Employers. Feedback will be analyzed and new initiatives will be introduced.

5.	<b>Catering to student diversity</b>	<ol style="list-style-type: none"> <li>1. Initiative to assess the learning levels of students will be enhanced</li> <li>2. Proficiency/Diagnostic tests to identify slow and advanced learners.</li> <li>3. Remedial classes for slow learners.</li> </ol>
6.	<b>Teaching- Learning Process</b>	<p>IQAC will observe the following teaching-learning methods in departments-</p> <ol style="list-style-type: none"> <li>1. Teaching through LMS</li> <li>2. Classroom teaching.</li> <li>3.</li> <li>4. interactive teaching-learning methods,</li> <li>5. Teaching by using PPT.</li> <li>6. Experiential learning through field visits and study tours.</li> <li>7. Collaborative teaching.</li> <li>8. Video lectures.</li> </ol>
7.	<b>Teacher Quality</b>	<ol style="list-style-type: none"> <li>1. IQAC will encourage the teachers to participate in Orientation, Refresher courses, Faculty development programs, Workshops, Conferences, and Seminars.</li> <li>2. IQAC will conduct the Happiness survey for teacher</li> <li>3. Faculty will be motivated for pursuing his/her, Ph.D. and any other relevant course.</li> <li>4. IQAC will organize training workshops for ICT based skill enhancement for teachers</li> </ol>
8.	<b>Evaluation Process and Reforms</b>	<ol style="list-style-type: none"> <li>1. OMR will be used for the Foundation course examination</li> <li>2. Objective Test / Open book tests will be conducted.</li> <li>3. Test series will be started in departments.</li> </ol>
9.	<b>Student Performance and Learning Outcomes</b>	<ol style="list-style-type: none"> <li>1. IQAC will analyze students' performance during the complete evaluation process and steps will be taken to</li> </ol>

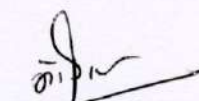
		<p>improve students' performance.</p> <p>4. Group discussion, Viva test series will be conducted to identify slow and fast learners.</p>
10	<b>Promotion of Research</b>	<p>1. At least 02 Major and 05 minor research projects will be undertaken by the faculty subject.</p> <p>2. Student projects will be allotted through the Research Committee.</p> <p>3. Conferences / Seminars / Workshops will be organized in campus</p> <p>4. Students' seminars will be organized by departments</p>
11	<b>Resource Mobilization for Research</b>	Resource mobilization will be done through major and minor research projects and also from PG students' research projects.
12	<b>Research Facilities</b>	Research committee and IQAC will encourage Ph.D. supervisors to Registration of Ph. D. students
13	<b>Research Publications and Awards</b>	Research publications will be done in Peer reviewed with good Impact factor journals. At least 75 publications will be done.
14	<b>Extension Activities and Institutional Social Responsibility</b>	Institution- community network will be strengthened through various extension activities and NSS/NCC, About 08 outreach programs will be conducted
15	<b>Collaboration</b>	<p>1. New MOU/ collaboration will be established.</p> <p>2. Linkages with other institutes for PG/research students will be established by the research committee.</p>
16	<b>Physical Facilities</b>	The college will try to make adequate facilities like in lab, library, Auditorium and Parking space.
17	<b>Library as a Learning Resource</b>	<p>1. Number of titles will be increased.</p> <p>2. Network resource center will be enhanced</p> <p>3. Use of DELnet and N-List will be promoted</p>
18	<b>IT -Infrastructure</b>	<p>1. Number of nodes will be increased.</p> <p>2. IT facilities will be kept updated.</p> <p>3. Interactive boards/ LED tv will be installed in most of</p>

		<p>classrooms and Seminar halls.</p> <p>4. Free Wi-Fi facility will be available for students.</p>
19	<b>Maintenance of Campus Facilities</b>	<ol style="list-style-type: none"> <li>1. Renovation of Yashwant hall</li> <li>2. Renovation of Gents and Ladies toilet will be done.</li> <li>3. Renovation of Ladies Common Room will be done.</li> <li>4. Rain Water Harvesting Unit will be enhanced .</li> <li>5. Trees / Plants/ lawn will be maintained &amp; Beautification of campus will be done.</li> <li>6. Solar Units will be installed.</li> <li>7. Civil / Physical facilities will be maintained as per needs.</li> <li>8. Sensitive equipment will be calibrated from time to time.</li> </ol>
20	<b>Student Mentoring and Support</b>	<ol style="list-style-type: none"> <li>1. Mentor system will be followed.</li> <li>2. Remedial teaching will be provided to slow learners.</li> <li>3. Projects will be allotted to the advanced learners.</li> <li>4. Classes for competitive exams will be arranged</li> <li>5. Co-curricular and Extracurricular activities will be run by each department for students.</li> <li>6. 2 Career counseling activities will be done.</li> <li>7. Placement activities/ drives will be arranged.</li> <li>8. Welfare schemes for students will be enhanced.</li> <li>9. Competitive examinations guidance activities will be conducted by the competitive exams guidance center.</li> <li>10. Guidance to scholarship holder students by the college faculty.</li> </ol>
21	<b>Student Progression</b>	<ol style="list-style-type: none"> <li>1. Student progression to higher education will be enhanced by continuous counseling through the mentor system and career counseling cell.</li> <li>2. Results and completion rate will be increased and</li> </ol>


		drop out will be decreased
22	<b>Student Participation and Activities</b>	Will be ensured through the student council, NSS, Sport department, Cultural committee, College magazine, , and through departmental activities.
23	<b>Strategy Development and Deployment</b>	Strategy development will be done through College Development Committee (CDC), IQAC, and decentralization of administration will be done through different sub-committees run under IQAC.
24	<b>Faculty Empowerment Strategies</b>	Faculty will be sent for participation in Orientation courses, Refresher courses, Faculty Development Programmes, Conferences, Workshops, Seminars and Skill oriented training programs, certificate courses, webinars, MOOC, and SWAYAM.
25	<b>Internal Quality Assurance System</b>	<ol style="list-style-type: none"> <li>1. For quality assurance. As per the norms, we have prepared the cell. We have also included two peer experts from society.</li> <li>2. The IQAC functions throughout the year for quality assurance. There is a regular meeting held quarterly.</li> <li>3. IQAC will subdivide the perspective plan year wise and it will be the action plan of IQAC for subsequent years. This action plan will be executed by IQAC through different college committees and will be monitored in its monthly meetings.</li> </ol>
26	<b>Environment Consciousness</b>	<ol style="list-style-type: none"> <li>1. Carbon footprint of the college will be calculated</li> <li>2. Green audit procedure is in place under the environmental Studies committee.</li> <li>3. Efforts will be strengthened to make the Campus Eco friendly.</li> </ol>
27	<b>Innovations and best practices</b>	<ol style="list-style-type: none"> <li>1. One new innovative practice will be started..</li> <li>2. The report and photographs of Events held in the college will be given regularly to the college website</li> </ol>

		for uploading.
28	<b>E-Content Development</b>	The teachers will prepare E- content for their respective subjects.
29	<b>Guest Lecture</b>	Each department will organize at least one guest lecture.
30	<b>Sports activities</b>	The sports department will organize 2 University level events and 5 college-level sports events, including Yoga.
31	<b>Best Practices 2020-21</b>	1. Academic Audit.

*The above-mentioned activities are discussed and finalized in the IQAC's Meeting held on 18/8/2021.*

  
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## Action Taken 21-22

	Head	<u>Action Taken</u>
1.	<b>Curricular Planning and Implementation</b>	<ul style="list-style-type: none"> <li>• Academic activity calendar was be prepared for the Annual and Semester patterns and posted on the college website</li> <li>• Departmental Calendars of Activities (Academic and Co-curricular) was prepared</li> <li>• Teaching plans were prepared.</li> </ul>
2.	<b>Academic Flexibility</b>	<ul style="list-style-type: none"> <li>• New education policy was introduced in UG's first year (semester system was adopted). 2 PG classes in Seed technology and Geography was started.</li> <li>• Several Value added courses were conducted by various department</li> </ul>
3.	<b>Curriculum Enrichment</b>	<ul style="list-style-type: none"> <li>• Department of Geography, Botany, Zoology, Botany, and Physics conducted the educational tour</li> <li>• Sensitization programs/courses on cross-cutting issues like gender, environment, human values, and professional ethics was organized by Biochemistry, Zoology, and Hindi department</li> </ul>
4.	<b>Feedback System</b>	Done as proposed
5.	<b>Catering to student diversity</b>	Work was done as per policy made for slow and advance learner
6.	<b>Teaching- Learning Process</b>	Teaching through LMS was started. And different pedagogy were adopted by the teacher .
7.	<b>Teacher Quality</b>	1. All most all the teacher attended the FDP .

		2. Happiness survey was conducted 3. FDP on ICT was conducted
8.	<b>Evaluation Process and Reforms</b>	OMR was introduced in Foundation Courses
9.	<b>Student Performance and Learning Outcomes</b>	Through mentor mentee scheme performance of student was observed through the year
10	<b>Promotion of Research</b>	Seed money was sanctioned to teacher and student Students seminars were organized
11	<b>Resource Mobilization for Research</b>	Done as per proposed
12	<b>Research Facilities</b>	No research guide increased
13	<b>Research Publications and Awards</b>	Good quality of publication was published as result college scored a good h index
14	<b>Extension Activities and Institutional Social Responsibility</b>	Number of Extension activities were conducted by NSS AND NCC
15	<b>Collaboration</b>	One more international MOU signed
16	<b>Physical Facilities</b>	Construction of library completed
17	<b>Library as a Learning Resource</b>	Number of hit in N-list increased
18	<b>IT -Infrastructure</b>	Now every class room and all the PG seminar hall ICT enabled
19	<b>Maintenance of Campus Facilities</b>	All the proposed work are completed
20	<b>Student Mentoring and Support</b>	Done as per proposed
21	<b>Student Progression</b>	Progression to higher education was about 63%
22	<b>Student Participation and Activities</b>	Number of student participated in in activities . some student represented the college at national and university and won many national award
23	<b>Strategy Development and Deployment</b>	Strategy plan for next five year is completed
24	<b>Faculty Empowerment Strategies</b>	!00% teacher participated in the FDP

25	<b>Internal Quality Assurance System</b>	Act as per proposal
26	<b>Environment Consciousness</b>	Carbon foot print calculated and environment, Green and Engry Audit was done as per the norm of NAAC
27	<b>Innovations and best practices</b>	Done as per proposed
28	<b>E-Content Development</b>	No teacher prepared E content which was hosted by of HE department Government of MP at their portal for the benefit of student of state
29	<b>Guest Lecture</b>	Every department organized guest lecture
30	<b>Sports activities</b>	As per proposed
31	<b>Best Practices 2020-21</b>	Academic audit was done by the government of MP

Digitally signed by Nagesh Dagaonkar  
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