6.5.1: Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes. It reviews teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals and records the incremental improvement in various activities.

Evidence files of some events have been provided here:

In all these five years, many activities were conducted to meet the present day and changing requirements. The broad areas include:

- 1. Curricular, co-curricular activities, and quality enhancement
- 2. Social service, outreach, and community development
- 3. Women empowerment
- 4. Environment consciousness
- 5. Welfare activities for teaching and non-teaching staff

1. Curricular, co-curricular activities and quality enhancement:

IQAC has taken initiatives to increase various programmes at UG, PG and research. The updation of laboratories, procurement of new instruments, chemicals, increase in the ICT facilities, theme-based lectures, seminars, workshops, number of research activities, encouragement for participation in FDP, etc. as per the need of time are some of the examples of academic achievements.

The research articles are available at the links given below:

Research papers in journals https://mohotasci.edu.in/research/

Research articles in proceedings https://mohotasci.edu.in/papers-published-in-national-

international-conference-proceedings-2017-22/

Books and chapters https://mohotasci.edu.in/books-and-chapters-in-edited-volumes-

books-published-during-2017-22/

For professional development of the students, programmes on IPR, plagiarism, campus recruitment training, careers, psychological counselling, etc. were conducted.

IQAC has also motivated the students to excel in many sports events and cultural events at various levels.

Multi-skill development programme is conducted every year with an aim to develop skills of the students beyond the four walls of the classroom. These programmes include various topics like mushroom cultivation, PCB designing, webpage designing, etc.

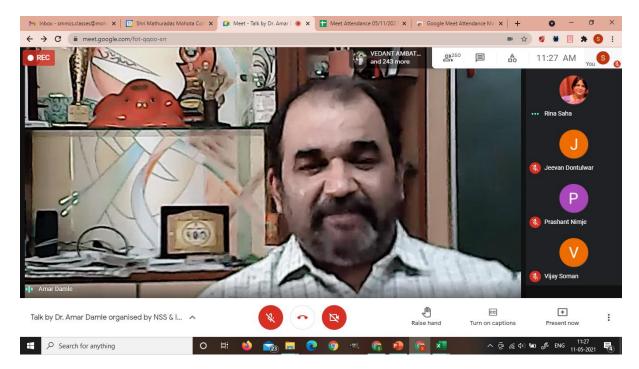
Some of the representative photographs are shown below.



'Unemployment is a Myth' – Lecture by Mr. Bailappa, Bangalore



NAAC Sponsored 'National Seminar on Teaching, Learning, Evaluation and Best Practices'



Guest lecture on 'Being resilient in pandemic' by Dr Amar Damle



Lecture by Dr. Raja Akash – Healthy Mind for successful Education



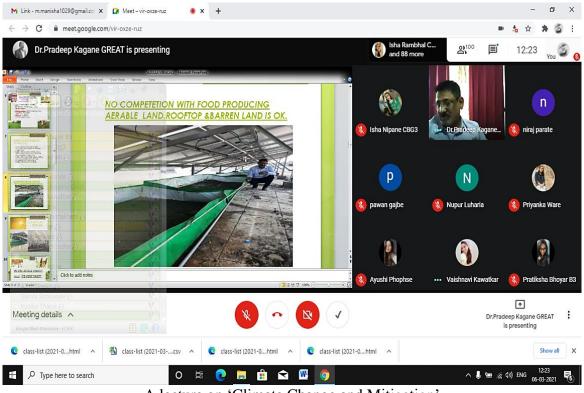
Career Building: Lecture by Shri Nitin Murme



Careers in Banking sector- Lecture by Mr. Hardas



Students' campus recruitment training sessions



A lecture on 'Climate Change and Mitigation'



Exhibition of Museum specimen to School children on National Science Day celebration



Students have bagged many awards in cultural activities



Marathi Bhasha Gaurav Din



Celebration of National Sports Day



Talk on physical fitness under multi-skill development programme

2. Social service, social outreach, and community development:



Sapling plantation on Foundation Day of college



Celebration of International Yog diwas



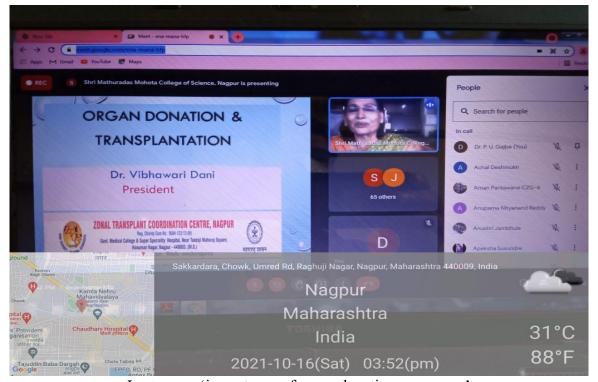
Students' involvement in multiple events at adopted village 'Champa'



Rakshabandhan at an old age home



Blood donation camp on International Womens' Day



Lecture on 'importance of organ donation awareness'



Voter awareness programme



Vaccination drive through collaboration of NSS unit and Nagpur Municipal Corporation



Traffic awareness programme through NSS





Work during COVID-19 pandemic

3. Women empowerment activities:



Online lecture on '9 skills and 9 shaktis of Goddess Durga'



Gratitude letter received for the Navdurga event



Madhubani Painting

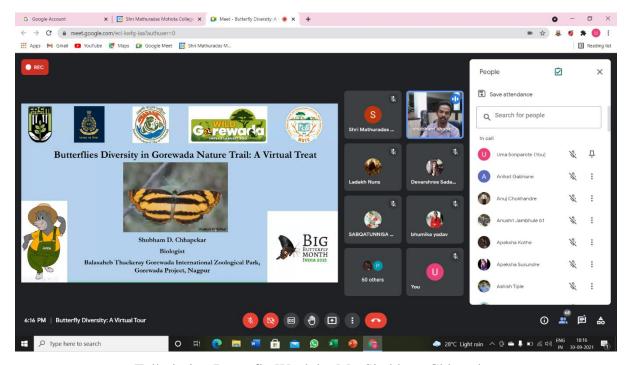


Chocolate making workshop

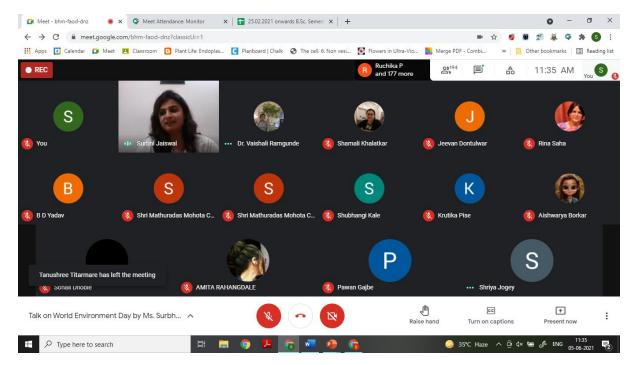


Workshop on women empowerment

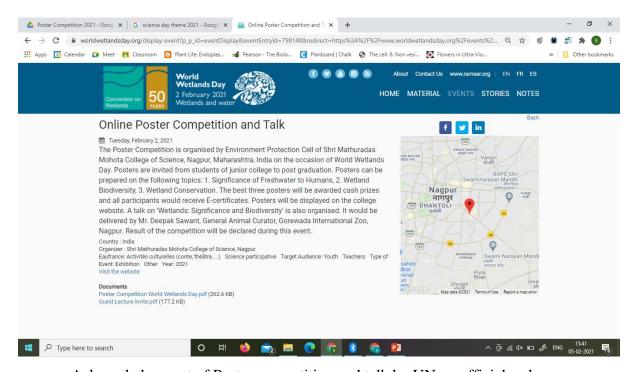
4. Environment Consciousness programmes:



Talk during Butterfly Week by Mr. Shubham Chhapekar



World Environment Talk by Ms. Surbhi Jaiswal



Acknowledgement of Poster competition and talk by UN on official webpage

S M Mohota College of Science



Kaustav Chatterjee delivering a lecture at the programme while others look on.

THE Environment Cell of Shri Mathuradas Mohota College of Science organised a guest lecture by Kaustav Chatterjee, Founder of Green Vigil Foundation recently. Team lead Surbhi Jaiswal, Sheetal Choudhary and Mehul Kosurkar were prominently present from the foundation. Chatterjee delivered a talk highlighting the threats faced by environment, the scenario of environment in Nagpur city and the efforts taken towards its protection. The talk was attended by students of BSc. An interactive session was also organised. The programme was conducted by BSc Semester III students Ruchika Bulkunde and Tejas Dharmale, while Sonali Dhobale proposed a vote of thanks. Dr Jitendra Ramteke, Officiating Principal and Dr Rina Saha, Vice-Principal graced the occasion Dr Uma Sonparote, Co-ordinator, Environment Cell and Shamali Khalatkar worked hard for success of the event.

Talk by Mr. Kaustav Chatterjee on environment awareness

5. Welfare of Teaching and non-teaching through FDP:



Talk on RTI Act



Faculty development programme (computer literacy course) for non-teaching staff



Faculty development programme for teaching staff