

GOVT. MADHAV SCIENCE PG COLLEGE UJJAIN
A GRADE ACCREDITED THROUGH NAAC



INSTITUTIONAL DISTINCTIVENESS

**Holistic development of students through Social Labs: h^3 Approach
(Focus on Socioeconomically disadvantaged students)**

College is one of the biggest colleges in the Ujjain region and is the only college catering specifically to science students in this region. Nurturing young minds to holistic persona, in a way that they can have an edge for environmental issues while practicing science with values and scholastic aptitude is the vision of college as stated clearly in the vision statement and tag line of IQAC " Knowledge only triumphs". Here emphasis is not only on studying and practicing science in Laboratories but focus lies on bringing research from labs into the society. An ecosystem has created with conscious efforts with focus on Learner centric experiential learning. Social labs have become an indistinguishable component of teaching, learning and evaluation mechanism. The concerted efforts culminate to the holistic development of students empowered with Intellect, values, concern for the environment and society.

Practice is carried out with a well-knit excellence framework strewn around a galaxy of flagship programme through EAT (Excellence Acquisition Tenure). EAT synchronizes various academic and co-curricular activities with in a measurable robust time bound mechanism.

There are three axes to the practice concomitant at one point, these are Teachers, students and Society, we call this approach as h^3 approach, where where h stands for head of thinker (Teacher), h for heart of Student, & h for heart of society.

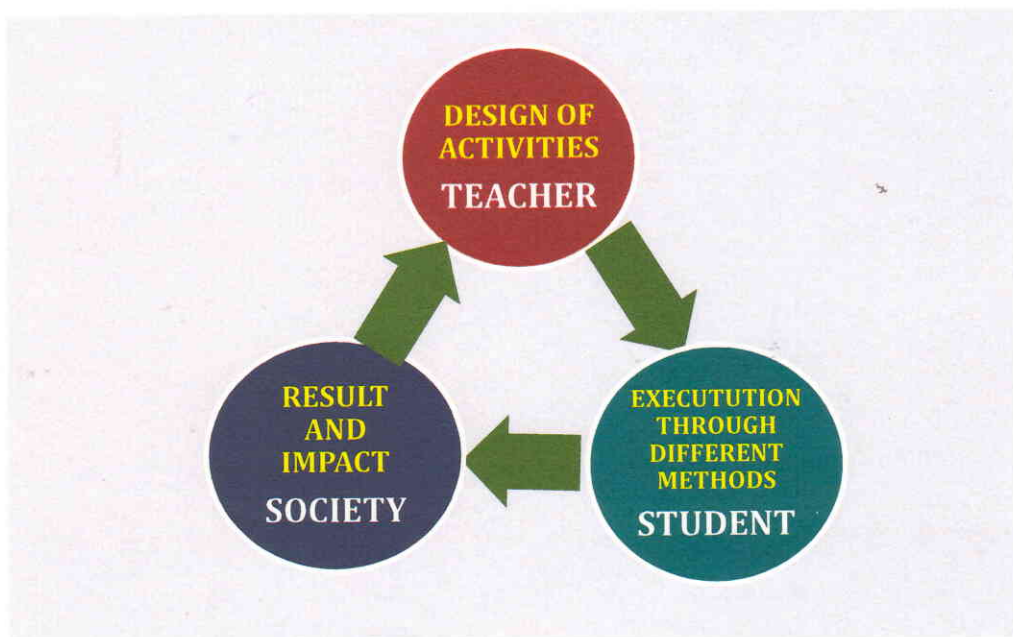
All students are the genuine beneficiaries of practice, but as per the gap analysis the focus is kept on socioeconomically disadvantaged students, these students have three types of challenges

- Rural background leading to decreased level of self-perception some time
- Peer Pressure
- Language barrier
- Financial limitations

Activities are designed keeping in mind these issues.



EXECUTION OF THE PRACTICE



DESIGN OF ACTIVITIES (TEACHER):

Society Connect Programme is launched by Dean Society Connect Programme. NSS officer, NCC Officer and all Flagship programme coordinators are the members of SCP committee. Activities are designed and communicated to IQAC, IQAC prepares EAT and declares it to all teachers and students. Activities are carried according to EAT. Many activities are launched, students are motivated to join activities as per their interest.

In case of **society based research projects** launched by individual departments, HOD of the concerning department submits the detailed project to R& D cell, which is then analyzed and if sanctioned. College provides infrastructural support, ICT Facilities, Remote access to the library and physical library facilities. A Faculty is also appointed to guide these students.

Students are encouraged for **study tours** so that they can not only visit the nearby places of importance but they can mix with the society in general and understand their issues.

EXECUTION THROUGH DIFFERENT METHODS (STUDENT):

Students are the executors as well as moderators for the activities. They are provided trainings as and when required to hone their skill sets, necessary information by the teachers and resources required. NSS unit conducts orientation programme for the students in the beginning of every session. NSS and NCC units organize 7 days residential camp in the adopted village/ localities. Personality Development cell of the college inculcates values and empathy in students through various innovative lecture series.



RESULT AND IMPACT (SOCIETY):

Committees at society level are also constituted to study the impact of any programme, these committees have responsible locals, who can guide students through the habitat and can introduce these students to other residents too.

WHAT DO WE DO DIFFERENT:

The effort is measurable robust and focused

Before any activity genesis is discussed through lecture. Activities are not organized mechanically but explained eg.

- Blood donation why? How many blood groups are there? Things to know about blood testing
- Why is awareness important about AIDS?
- Swacchta mission in India
- Importance of Digital India
- What is POSCO Act
- Importance of Voters awareness
- Clean Air for Blue skies

Society Project (Virtual in online mode)

- Student COVID 19 Warriors
- Solar Energy
- Eco restoration Practices and importance
- What is Green Audit
- What is the importance of reducing our carbon footprints
- What is sustainable development

Complex Research based Lectures

- To enhance the knowledge of students which ultimately leads them to do better for society

Trainings

Students are provided trainings about various programmes they are involved these are complex industrial trainings eg

- Medicinal plants
- HPLC
- Instrumentation

And

- IDEA HACKATHONS

Trainings like

- Cooking Baking
- Decorative Environmentally benign Diyas and Thali
- Leadership trainings



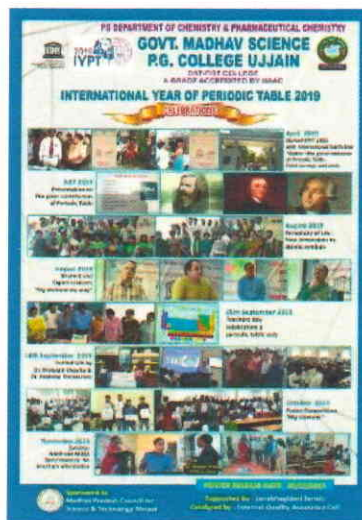
Science Exhibition and celebration of days of national and international importance

- Science exhibition is organized on 28th of February with the celebrations of National science day College has a rich heritage of celebrating science exhibition and science based programmes every year.
- International days and Years declared by UNO are also celebrated . Year 2019 was celebrated as International Year of Periodic Table. Year 2020 was celebrated as International Year of Plant Health.

Concerted efforts have established college as a leader in the field of society connect programme as
College with head and heart.

GLIMPSES OF ACTIVITIES

International Year of Periodic Table



DR. Rajendra Singh



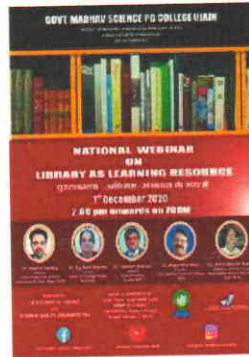
Extension Activities



International Year of Plant Health



Webinars



Leadership activities



Thali decoration

Student Covid Warrior 19 MP STHAPANA DIWAS



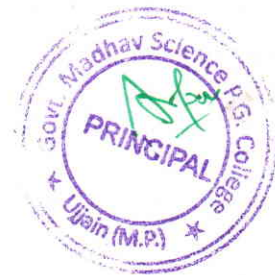
Hackathon



R&D BASED ACTIVITIES



14TH November



EMPATHY/ VALUES



GOVT. MADHAV SCIENCE P.G. COLLEGE UJJAIN
DSF FIRST College
A Grade Accredited through NAAC

CERTIFICATE OF PARTICIPATION
NATIONAL SEMINAR ON "NEHRU"
A VISIONARY CONTRIBUTION TO EDUCATION & INCULCATION OF SCIENTIFIC TEMPERAMENT AMONG YOUTH IN INDIA
ON 13 NOVEMBER, 2020

Certified that: Dr./ Mr./Mrs./Km. _____ of _____
Participation/ presented poster titled _____
in the National Seminar, supported by IGAL and sponsored by Jaiabhadraji Samiti.

Dr. Mahipala Singh
Coordinator

Dr. Ganesh Kumar
Head Department of Chemistry

Dr. Arjun Shekhari
Principal

VISION

Take a vision-driven pathway providing quality education to women which focuses on producing students with enhanced skills for empowerment and security that will best serve the nation in the 21st Century.

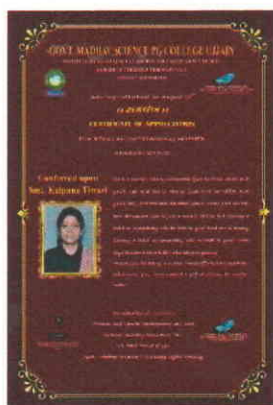


GOVT. MADHAV SCIENCE P.G. COLLEGE UJJAIN
DSF FIRST College

WOMEN'S DAY
From Gender Equity to Gender Equality

A celebration with the **GOVT. MADHAV SCIENCE P.G. COLLEGE UJJAIN** and **IGAL** (Institution for Gender Advancement and Leadership)

Dr. Mahipala Singh
Dr. Ganesh Kumar
Dr. Arjun Shekhari



GOVT. MADHAV SCIENCE P.G. COLLEGE UJJAIN
DSF FIRST College

CERTIFICATE OF APPRECIATION

Dr. Shilpa Thakur

For her valuable contribution in the field of women's education and empowerment.

Dr. Mahipala Singh
Coordinator

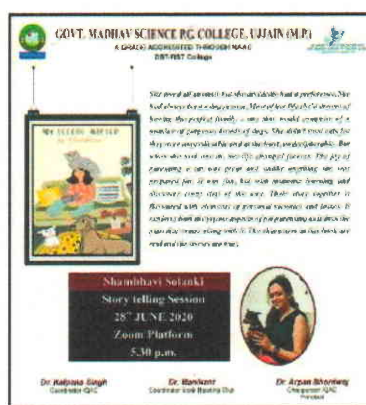


Mahatma & Women Empowerment Lecture series
23rd & 24th November 2020

In Hindi, English and Odia

Dr. Mahipala Singh Co-ordinator 08-11-2020 9 AM	Dr. Ganesh Kumar Head Department of Chemistry 10-11-2020 9 AM	Dr. Arjun Shekhari Principal 12-11-2020 9 AM	Dr. Shilpa Thakur 09-11-2020 9 AM	Dr. Shilpa Thakur 11-11-2020 9 AM	Dr. Shilpa Thakur 13-11-2020 9 AM
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Dr. Mahipala Singh
Coordinator IGAL



GOVT. MADHAV SCIENCE P.G. COLLEGE UJJAIN (M.P.)
A GRADE ACCREDITED THROUGH NAAC
DSF FIRST College

SHAMBHAVI SOLANKI
Story telling session
28th JUNE 2020
Zoom Platform
5:30 p.m.

Dr. Mahipala Singh
Coordinator IGAL

Dr. Shilpa Thakur
Coordinator IGAL

Dr. Arjun Shekhari
Principal



Celebration of 71st Constitution Day
Webinar संविधान के 71वाँ दिवस एवं विचारना
on Google Meet 3.00 p.m.
26th November 2020

Dr. Mahipala Singh
Dr. Ganesh Kumar
Dr. Arjun Shekhari



GOVT. MADHAV SCIENCE P.G. COLLEGE UJJAIN
INSTITUTE OF EXCELLENCE IN HIGHER EDUCATION (GOVT. OF MP)
A GRADE ACCREDITED THROUGH NAAC
DSF FIRST SUPPORTED

71st स्वतंत्रता दिवस के परिसर में
आजादी के तरंगों: एक शाम शहीदों के नाम
दिनांक: 14 अगस्त 2020 * शाम 6 बजे से

Dr. Mahipala Singh
Dr. Ganesh Kumar
Dr. Arjun Shekhari



TRAINING

