

GOVT. MADHAV SCIENCE COLLEGE UJJAIN

A+ GRADE ACCREDITED THROUGH NAAC
DST-FIST COLLEGE

Established 1969

Dewas Road, Near Vikram University, Ujjain Ph. 0734-2511803



INTERNAL QUALITY ASSURANCE CELL
GOVT MADHAV SCIENCE PG COLLEGE UJJAIN
A GRADE ACCREDITED THROUGH NAAC



Govt madhav science college ujjain



Chemistry Department MVM



Instagram madhavscience2020

Website :

www.mvmujjain.org



**College
Brochure
College Code : 1812
2021-22**

As per New Education Policy



VISION:

To be a value-driven Institute providing quality education in science which thrives for producing scholars with concern and care for environment and society that will best serve the nation in the 21st century.

MISSION:

- Committed to be an institution with innovation and inclusivity by practicing value driven excellence in teaching research and social responsibility
- Pursue science and its dissemination to the community at large.
- Create, sustain and apply learning ethics in an interdisciplinary environment for scientific ethical, ecological and economic aspects of national service
- To impart widely applicable skill-sets to students through flexible course offerings and support industry's requirement and inculcate a spirit of innovation.

ABOUT THE COLLEGE :

Govt. Madhav Science P.G. College Ujjain is a DST-FIST "A" grade NAAC accredited college. One among top ten colleges of Madhya Pradesh selected for establishing collaborations with other Institutes of National and International repute under CEQIC. College is a leading Govt. College of Ujjain region catering to the needs of science students coming across the state. Institute is a firm believer of imparting value driven quality education which can help in shaping the human beings which are not only the science practitioners, but can also work as leaders on various platforms. College enjoys the privilege of having 98% faculty with Ph.D as highest qualification. Students of the college are known for their attempt in co-curricular activities apart from curricular activities.

The college owes its origin to the development of the Ujjain high school, founded by the Gwalior Durbar in 1889. In 1892 it was bestowed with the status of a college, which was affiliated to the Allahabad university. Subsequently the then ruler of the Gwalior state his highness Maharaja Madhav Rao Scandia allowed this college to be named after him, and then this institution came to be called as the "Madhavcollege." In 1969 college was divided into two independent units since then the science faculty is working as an independent unit "MadhavVigyan Mahavidyalaya". Since then it is affiliated to the Vikram University Ujjain.

College has lush green campus, which covers an area of 5.6 hectares (total built up area of about 40,000sq.mts.) with impressive buildings which accommodate principal's office, Staff room, college office, classrooms, science laboratories, computer laboratories, multi-purpose hall which can accommodate about one hundred fifty persons, library, spacious ground, common room for the girls and an indigenously built aqua lab. Chemistry lab of the college is identified for INTEL-IRIS research work. This is the biggest Science College under the jurisdiction of Vikram University Ujjain. College was selected under the COSIP scheme by the Central university Grant commission, New Delhi. The Scheme continued for five years successfully.

Regular Programmes/ Courses offered Affiliated to Vikram University Ujjain

UNDER GRADUATE PROGRAMMES

MAJOR

- Chemistry
- Botany
- Zoology
- Mathematics
- Bioinformatics
- Biotechnology
- Geography
- Computer Application
- Computer Fundamentals and Architecture
- Computer Science
- Economics
- Electronics
- Financial Accounting
- Fish and Fisheries
- Geology
- Hindi Literature
- History
- Information Technology
- Microbiology
- Pharmaceutical Chemistry
- Physics
- Political Science
- Science (Geography)
- Statistics

MINOR

- Chemistry
- Botany
- Zoology
- Mathematics
- Bioinformatics
- Political Science
- Computer Science
- Computer Application
- Information Technology
- Life Science
- Microbiology
- Operating System
- Pharmaceutical Chemistry
- Physics
- Electronics
- Science (Economics)
- Science (Geography)
- Business Organization and Communication
- Economics
- Geography
- Geology
- Sociology
- Statistics

Electives

- Biotechnology
- Botany
- Botany (नर्सरी प्रबंधन) Nursery Management
- Chemistry दैनिक जीवन में रसायन शास्त्र Chemistry in Everyday Life
- Computer Application
- Computer Application एमएस ऑफिस MS Office
- Computer Application कम्प्यूटर फण्डामेंटल
- Computer Science
- Computer Science स्प्रेडशिट के माध्यम से डेटा विश्लेषण और विजुअलाइजेशन Data Analytics and Visualization through Spread Sheet
- Electronics
- Mathematics
- Mathematics (लॉजिक और सेट्स Logic and Sets)
- Microbiology
- Physics
- Physics (गैर पारंपरिक ऊर्जा संसाधन Non Conventional Energy Resources)
- Zoology
- Zoology (मधुमक्खी पालन Apiculture)
- Home Science (प्राथमिक उपचार, नर्सिंग और हाईजीन First Aid, Nursing and Hygiene)
- Commerce (मुद्रा एवं बैंकिंग) Money & Banking
- Economics
- Economics(धन और बैंकिंग का अर्थशास्त्र Economics of Money and Banking)
- English (कम्यूनिकेटिव अंग्रेजी communicative English)
- Geography
- Geography (पर्यावरणीय मुद्दे और आपदा प्रबंधन Environmental Issues and Disaster Management)
- Geography (भौतिक भूगोल Physical Geography)
- Geology
- Hindi (प्रयोजन मूलक हिन्दी और जनसंपर्क Prayojanmoolak Hindi Aur Jansampark)
- NSS
- Philosophy (श्रीरामचरितमानस का दार्शनिक चिंतन Philosophical Thinking of Shri Ramcharit Manas)
- Physical Education
- Political Science
- Science (Economics)
- Sociology
- Statistics
- NCC

POST GRADUATE PROGRAMMES

Traditional

- M.Sc. Botany
- M.Sc. Zoology
- M.Sc. Chemistry

Self-Finance

- M.Sc. Drug & Pharmaceutical Chemistry
- M.Sc. Applied Microbiology
- M.Sc. Mathematics
- M.Sc. Computer science
- M.Sc. Statistics
- M.Sc. Physics

P.G. Diploma Diploma/ Certified

- Cheminformatics
- Vedic mathematics
- Diploma in hardware and Networking

Ph.D. Programme

- Botany
- Zoology
- Chemistry
- Mathematics

Distance learning programmes/courses offered by Bhoj university at study center Govt. Madhav Science College Ujjain

1. B.Sc. Bio Group
2. B.Sc. Maths Group
3. M.Sc. Chemistry
4. M.Sc. Physics
5. M.Sc. Mathematics
6. M.Sc. Zoology

Flagship Programmes

Towards more Holistic and Experiential Learning



PURSE
Pursuit of Research Excellence
Govt. Madhav Science P.G.College
Ujjain



EEMAS
A Programme for Mother Earth
Govt. Madhav Science P.G. College
Ujjain



Celebrating outstanding among Best
Govt. Madhav Science P.G. College
Ujjain



॥ अंतरात्मा ॥
Women & Gender Development Cell
Govt. Madhav Science P.G.College
Ujjain



Society Connect Programme
Govt. Madhav Science P.G.College
Ujjain



स्वायत्तमन्त्र
Business Incubation Centre
Govt. Madhav Science P.G.College
Ujjain



कल्पवृक्ष
Shaping Intellect
Govt. Madhav Science P.G.College
Ujjain



Prof. K. Balasubrahmanyam Chair
Govt. Madhav Science P.G. College
Ujjain



PRIDE
A flagship programme for
Policy Representation and
Implementation from
Draft to Execution
Govt. Madhav Science P.G. College Ujjain
A member of Institute for Policy Representation
& Implementation (IRPI) Ujjain
A GOVT. SUPPORTED INITIATIVE



सुदीक्षा
ALUMNI CONNECT PROGRAMME
GOVT. MADHAV SCIENCE P.G.COLLEGE UJJAIN
INSTITUTE OF EXCELLENCE IN HIGHER EDUCATION (GOVT. OF M.P.)
GOVT. FOSTER SUPPORTED



दक्ष
ALUMNI CONNECT PROGRAMME
GOVT. MADHAV SCIENCE P.G.COLLEGE UJJAIN
INSTITUTE OF EXCELLENCE IN HIGHER EDUCATION (GOVT. OF M.P.)
GOVT. FOSTER SUPPORTED

PUrsuit of **R**esearch **E**xcellence
To enhance & support **RESEARCH**
activities among Faculty and Students

An Initiative for

Earth
Environment
Health
Society
And
Surrounding

Lecture series to commemorate
outstanding among best

Women & gender development Cell
To promote gender equality
among genders

Vigyan for **S**ociety **T**ransformation through
Application of **R**esearch
A Holistic program approach to develop students as
responsible citizens who have value
based scientific approach

Business Incubation Center to provide Environment,
Training & Ecosystem for Developing Startups.
Support through Career Guidance
and Campus Placement

To impart Higher Learning to Students for
NET / SET
and other Competitive Exams

Academic Chair to Promote
Research Development Ecosystem
and Environment in P.G. Department of Chemistry

To understand Policy Representation and Implementation
from Draft to Execution.

Important days like constitution day and Human rights
days are observed under the banner.

Sudeeksha is an alumni connect programme and Daksh
is an inhouse capacity building programme. Both the
programmes aims at providing participative opportunities
for capacity building for other flagship programmes.

On Campus Facilities

BLENDED TEACHING :

- ICT AND TRADITIONAL Blend

ON & OFF CAMPUS FACULTY DEVELOPMENT PROGRAMME

RUSA BENEFICIARY



RESCO SOLAR POWER PROJECT

FACULTY RESEARCH PROJECTS

WORLD BANK PROJECT



WORLD BANK

Selected among class A colleges of M.P. for world Bank Sponsored MPHEQIP Scheme: An initiative of SPD GOVT. OF M.P.

FUNCTIONAL EBSB CLUB



- Organization of Student Exchange Activities with Mapped Colleges of other States of India.
- Session 2020 mapping with Zisaji Presidency College, Kiphire, Nagaland.

CLUSTER PARTICIPANT COLLEGE

Selected for MOU with National & International Institutes by Govt. of M.P.

COLLEGE PUBLICATION: PRAGYA

FUNCTIONAL IQAC

On Campus Facilities

- Smart Class rooms
- State of the art modern Labs
- Scholarships Awards & Endowments for students
- NCC
- NSS
- Career Guidance and Placement through career fair and on campus placement
- English Language Classes from Cambridge
- Personality development classes
- Co curricular activities
- Sports facilities indoor and outdoor with gymnasium



Develop a passion for learning. If you do, you will never cease to grow.

ACHIEVEMENTS

- Selection in NIIT
- Selection in CSIR NET JRF
- Selection in SET
- Selection in CAT/MAT
- Selection in MPPSC & M P Professional Board Exam
- Selection in National Level Entrance Tests
- High Placement Record

SWAYAM NPTEL LOCAL CHAPTER MOOCS AVAILABLE ONLINE

- Student Research Internship
- Opportunity to work in Field Surveys
- Experiential Learning through Social Labs
- Society Connect
- Participation in Research Seminars

ALUMNI SERVICES

- Alumni Registration
- Alumni support through Notable Alumni

CURRENT STUDENT FAQs

- Ragging Free Campus
- Stationary and Book support to SC/ST Students
- Teacher Guardian Scheme
- Remedial Class support for Fast and Slow Learners
- Simulation Virtual Lab Support

Value Added Certificate Courses

Anti Ragging Cell

Wifi Campus
Committed Faculty
95% Faculty with Ph.D in the respective subjects

Advanced Instrumentation Research & Training Facility at college with state of art sophisticated equipments

Benefit of all Government Schemes

MODEL CODE OF CONDUCT FOR STUDENTS

1. To be on time is the best way to learn, student must arrive on time in the class and be present for the entire class period (or until dismissed) random arrivals and exits are not allowed in the class.
2. 75% attendance is mandatory to appear in Internal examination, external examination, projects as well as practical examination as per University and DHE mandate.
3. Every student must obtain on admission, the Identity Card which must have his/her photograph attested and wear the identity card on person whenever he/she is on the institute premises, and present it for inspection on demand.
4. Institute has zero tolerance policy towards ragging, Ragging is banned on campus. Anyone found guilty of ragging and /or abetting ragging is liable to be punished as per the directive of the UGC and Govt. Any incident of ragging will be dealt with seriously. The culprits will be dismissed from the institute and a case will be filed with the local police authorities.
5. College has zero tolerance policy towards any kind of gender discrimination and sexual abuse, any student indulging in such activities will be outrightly terminated from the college and police complaint will be registered against him/her.
6. Political activities are prohibited on the campus, students are forbidden from conducting and attending political meetings within the institute campus. Any violation may result into suspension of student from the campus
7. Students shall wear respectable formal attire with neat hairstyles.
8. Students are expected to spend their free time in the library. They should not loiter along the corridor or crowd along the passage.
9. If the academic performance of the student is not satisfactory, the student is likely to be detained and will not be allowed to appear for the examinations conducted by the institute on behalf of the University.
10. Roaming around in the campus during class hours is strictly prohibited.
11. Talking and other disruptive behaviours are not permitted while classes are in session. This type of behaviour will be treated as the acts of indiscipline
12. Food and beverages are not permitted in computer labs or classrooms. Those must be consumed in designated areas only.
13. Institute has zero tolerance policy towards smoking or any type of addiction. Smoking and consumption of alcohol on the Institute premises or entering the institute premises, after consuming alcoholic drinks is strictly prohibited.
14. Students shall do nothing either inside or outside the Institute that will in any way interfere with its orderly conduct and discipline.
15. Be polite and respectful towards others, Teachers and other students.
16. No Society or Association shall be formed in the Institute and no person will be invited to address a meeting without the prior permission of the Principal of the college
17. No student shall collect any money or contribution for picnic, trip, educational visit to some place, get-together, study-notes, charity or any other activity without prior sanction of the HOD or Principal of the college
18. Student shall not communicate any information or write about matters dealing with the Institute administration to the Press.
19. Students are expected to take proper care of institute property and help the institute authorities in keeping the premises clean. Damaging institute property e.g. disfiguring walls, doors, fittings or breaking furniture, misuse of fittings, or breaking furniture, misuse of A.C. etc., is breach of discipline, and the guilty will be duly punished.
20. Students should not leave their books, valuables and other belongings in the classroom.
21. The Institute is not responsible for lost property. However, student may make a claim for lost property at the office, if it is deposited in the Institute Office.
22. Students applying for certificates, testimonials, etc. which require the Principal's signature on any kind of document or application should first contact the respective committee in charges or their Teacher guardians. Students should not bring any paper directly to the principal signature.

23. Any kind of misbehaviour inappropriate use of Language or involvement in any misconduct will lead to suspension of student from the college without any explanation.
24. Students receiving Government or Institute Scholarships or any remission in fees, must note that the grant and continuance thereof are subject to good behaviour, regular attendance and satisfactory progress and good results at the Institute and University Examinations.
25. Students using unfair means at examinations will not be readmitted to the Institute. Actions will be initiated against such students as per the norms and procedure prescribed by the University.
26. It is mandatory for every student to participate in at least two co- curricular activities organized by the college
27. Students should read the notice boards regularly for important announcements made by the Institute office from time to time. They will not be excused or given any concession on grounds of ignorance or not reading notices.
28. College has a limited parking space and we appreciate the use of bicycles, shared vehicles and more importantly use of public transport system. The Institute administration is not responsible for the safety (including damage and/or theft /loss of vehicles) of vehicles in the premises. Students may utilize the limited designated parking space at their own risk. Students must ride/drive their vehicles into & at the campus at a moderate speed only; speeding will be looked upon as an act of indiscipline and can attract adverse consequences. Vehicles found parked inadvertently across the campus will be ceased by the College.
29. Students will be allowed to bring their vehicles only up to the designated parking area. Entry beyond that point is strictly prohibited.
30. Bike race / motor car race / procession or similar activities shall not be permitted inside the campus.
31. Students joining the Institute are bound by the rules and regulations of the Institute.
32. The Principal of the college is the ultimate disciplinary authority in the institute. Matters not covered by the existing rules will rest at the absolute discretion of the Principal of the college.