

## SCHOOL OF STUDIES IN BOTANY

### Programmes Offered- 2026-27

1. **B.Sc. (Honor's/ Research)** (Three/ Four years, Six/Eight Semesters) – CBCS- Choice Based Credit System (as per NEP 2020).
2. **M.Sc. Botany** (Two years / Four Semesters) – CBCS- Choice Based Credit System (as per NEP 2020)..
3. **Ph.D. (Botany)**

### Profile of the Department:

The School of Studies in Botany came into existence in 1970 as teaching and research centre. The department offers Doctoral, Post Graduate and Graduate programmes in Botany and now M.Sc. and B.Sc. (Honors/ Research) course has been implemented as per the guidelines of NEP 2020. About 175 students has obtained Ph.D. degree under the supervision of faculty members of specialised fields of School of Studies in Botany. The department has occupied an important position amongst the institutions of the country. Several research projects and some all India coordinated projects sponsored by MoEF&CC, DST, DBT, DOEn, BGCI (UK), MPCST, Potash Research Institute, UGC, ICMR etc. have been conducted successfully and several are presently going on. Over 650 research papers and various books have been published by the teachers of the Department. The Department is also supported by DST (FIST) Programme. Recently the department has been recognised as 'Centre of Excellence' by Madhya Pradesh Higher Education Quality Improvement Program (MPHEQIP), World Bank. Department have specialization in various fields viz. Plant Pathology, Mycology, Ethnobotany, Floristics, Ecology, Microbial Physiology, Industrial Microbiology and Microbial Biotechnology and teachers have been honored by various International and National awards. The Research Laboratory is well equipped with a advance instruments like, Portable Photosynthesis Unit, Fermenter, Nucleic Acid Extractor Gel Electrophoresis Unit, Water Purification Unit, Bomb Calori Meter, Lyophilizer, Phase Contrast Microscope, Nitrogen Analyser, Nanodrop UV- Vis Spectrophotometer, PCR, High Speed Centrifuge, Deep Freezer, Air Samplers etc. The School actively organises several Conferences, Seminars, Symposia Workshops and Refresher courses. International Eminent Botanists of the country have been associated with the Department as Visiting and Honorary Professors. The Botanical Garden of the Department includes number of taxas belonging to various groups of medicinal plants as well as other plants. The Herbarium consists of over 6500 specimens and is recognized by New York Botanical Garden, New York.

### Faculty :

Prof. Mahendra K. Gupta (**Professor & Head**),

Dr. Sushil Manderia, (Assistant Professor on Deputation)

Dr. Sapan Patel (Assistant Professor)

- **M.Sc. (Botany):**

**Eligibility** : B.Sc. with Botany (one of the subject) and minimum 50% marks. in biology subject or as per M.P. Higher Education, Bhopal norms.

**Available Seats** : Open = 30

**Mode of Selection** : Merit in index based on the qualifying examination.

- **B.Sc. Honor's (Botany):**

**Eligibility** : 12<sup>th</sup> with 55% marks.

**Available seats** : Open – 25

**Mode of Selection:** Merit based on the qualifying examination

**Fees for the course** : Open seat

**M.Sc. Botany:** I Sem. II Sem. III Sem. IV Sem.

**M.Sc. Botany:** Rs.10220/- Rs. 5900/- Rs. 6960/- Rs. 5900/-

**B.Sc. (H) Botany:** I Sem. II Sem. III Sem. IV Sem. V Sem. VI Sem. VII Sem. VIII Sem.

Rs.14420/- Rs. 10100/- Rs. 11160/- Rs. 10100/- Rs.11160/- Rs.9600/- Rs.11160/- Rs.9600/-

Payment Seat: M.Sc. – Rs. 7000/- additional to the fees for Open seat.

- **Contact:**

**9425068613** – Please contact during office hours.

- **E-mail:**

**sos.botanyju@gmail.com.**

Head Botany

