

### About the Institution

Shiv Chhatrapati Shikshan Sanstha Latur was established in 1968 to serve for the welfare of underprivileged people with a desire to bring these people in the mainstream by providing them quality education ignited our minds. Rajarshi Shahu Mahavidyalaya (Autonomous), Latur, the higher educational institute was established in 1970. We are now known for academic autonomy, plurality, peculiarity and leadership. Our experiments, excellence and the tradition of merit in education have created the Shahu Pattern in Education which is now famous as Latur Pattern. To do innovative experiments in education and maintain the consistency in experimentation, ours is the first institute to go for academic autonomy in Marathwada region in 2013.

Taking note of our uniqueness in the field of education, the Govt. of Maharashtra honored us with 'Ideal Educational Institute' award in 2000. The college has the distinction of being the first institution in our Marathwada region going for the NAAC accreditation in 2003 ('A' grade-88.25%) and in the 4th cycle NAAC accredited us with A+ grade with CGPA 3.49 in 2024. At present we have 7UG, 14PG and 11 Doctorate programs. The college has UGC-CPE (Phase III) status and support under DST-FIST scheme and recently college got the sanction of Rs. 5 Crore under PM-Usha scheme (RUSA).

### About the Department

The Department of Botany is established in the year 1971 with the vision and efforts of Founder Head Hon. Principal Anirudh Jadhav. The main view behind the establishment was to prepare the students desirous of learning, understanding, teaching and practicing various aspects of Plant Science. It is one of the leading departments in the field of teaching and student activities. After autonomy, in keeping pace with the advances in various aspects of Plant Sciences, the department has introduced several applied courses like Plant Biotechnology, Bioinformatics, Gardening and Landscaping, Instrumentation in Botany,

Pharmacognosy, Plant nanotechnology, Forensic Botany, etc. The department offers four year UG Program, two year PG program and Ph.D. program. The department has the State of Art laboratories and flourished infrastructure for research with well equipped research laboratory and Plant Tissue Culture laboratory. Department also offers innovative skill enhancement courses like Plant Herbal Technology, Food Processing Technology, Mushroom Cultivation Technology etc. Department encourages the students and society for conservation of Biodiversity and Nature with different activities and established a seed repository as a best practice.

### About the Seminar

The life sciences sectors have witnessed tremendous growth and advancements in recent years, transforming our understanding of human biology, disease mechanisms, and plant development. Cutting-edge research and development (R&D) in these fields have led to innovative technologies, treatments, and products, improving human health, agriculture, and the environment. The development of Plant Genomics and gene editing technologies has enabled scientists to improve crop yields, disease resistance, and nutritional content. Researchers are developing climate-resilient crops and sustainable agricultural practices to address the challenges of climate change and global food security. Synthetic biologists design and construct new biological systems, such as genetic circuits and synthetic genomes, to produce novel products, such as biofuels and pharmaceuticals. Advanced research and development in life sciences and plant sciences have transformed our understanding of human biology, disease mechanisms, and plant development. Ongoing innovations in gene editing, immunotherapy, synthetic biology, and plant genomics hold tremendous promise for improving human health, agriculture, and the environment. Addressing the challenges and opportunities in these fields will require continued investment, interdisciplinary collaboration, and a commitment to responsible innovation.



Shiv Chhatrapati Shikshan Sanstha's  
**Rajarshi Shahu Mahavidyalaya, Latur**  
**(Autonomous)**

(Affiliated to Swami Ramanand Teerth Marathwada University, Nanded)  
NAAC Accredited (4<sup>th</sup> Cycle) A+ Grade with CGPA 3.49

**Department of Botany**  
Organizes

**DST-FIST Sponsored**  
One Day National Seminar on  
**Advanced Research and Development in Life Sciences**  
**(ARDLS-2025)**

Wednesday, 26<sup>th</sup> March, 2025

### Registration Form

(Please fill in Block Letters)

Participant's Name : \_\_\_\_\_

Department : \_\_\_\_\_

Address : \_\_\_\_\_

Pin code : \_\_\_\_\_

Mobile (Individual's) : \_\_\_\_\_

e-mail (Individual's) : \_\_\_\_\_

Date: \_\_\_\_\_

Applicant's Signature

### Patrons

**Hon. Dr. Gopalraoji Patil**  
President

Shiv Chhatrapati Shikshan Sansha, Latur

**Hon. Dr. Pandharinath Deshmukh**  
Vice-President

Shiv Chhatrapati Shikshan Sansha, Latur

**Hon. Principal Anirudh Jadhav**  
Secretary

Shiv Chhatrapati Shikshan Sansha, Latur

**Hon. Adv. Sunil Sonwane**  
Joint Secretary

Shiv Chhatrapati Shikshan Sansha, Latur

**Hon. Er. Gopal Shinde**  
Joint Secretary

Shiv Chhatrapati Shikshan Sansha, Latur

### Organizing Committee

**Dr. Mahadev Gavhane** (Chief Organizer)

**Prof. Sadashiv Shinde** (Convener)

**Dr. Kalyan Savant** (Organizing Secretary)

**Prof. Dnyanoba Awad** (Member)

**Ms. Pranjali Kumbhar** (Member)

**Ms. Shaikh Rukhaiya** (Member)

**Ms. Pratima Gore** (Member)

**Ms. Neha Kamble** (Member)

**Dr. Kundan Tayade** (Co-ordinator, DST-FIST)



### Communication Details

Contact Number

9922086789, 9403591841, 7709178265

Email ID : rsmldptbotany@gmail.com

### Advisory Committee

- **Dr. Indraneel Chatopadhyay**, Asso. Professor, Dept. of Life Sciences, Central University, Chennai, Tamilnadu
- **Dr. G. M. Vidyasagar**, HoD Botany, Gulbarga U., Gulbarga, Karnataka
- **Dr. Shivraj Nile**, Senior Scientist, National Agri-Food and Biomufacturing Institute (NABI), Mohali, Punjab
- **Dr. Mahesh Dharne**, Sr Scientist, NCL, Pune, Maharashtra
- **Prof. Dr. Arvind Dhabe**, HoD Botany, Dr. B.A.M.U., C. Sambhaji Nagar
- **Prof. Dr. B. S. Suravase**, Director, School of Life Sciences, S.R.T.M.U.N.
- **Dr. Ambadas Kadam**, Member, Academic Council, S.R.T.M.U.N.
- **Prof. Dr. Saheb Shinde**, Chairman, BoS in Botany, S.R.T.M.U., Nanded
- **Dr. B. D. Gachande**, Member, BoS in Botany, S.R.T.M.U., Nanded
- **Dr. S. D. Dhavale**, Member, BoS in Botany, S.R.T.M.U., Nanded
- **Dr. S. M. Dalavi**, Member, BoS in Botany, S.R.T.M.U., Nanded
- **Dr. P. A. Gavande**, Member, BoS in Botany, S.R.T.M.U., Nanded
- **Dr. R. M. Kadam**, Member, BoS in Botany, S.R.T.M.U., Nanded
- **Dr. S. M. Telang**, Member, BoS in Botany, S.R.T.M.U., Nanded
- **Dr. S. V. Chate**, Member, BoS in Botany, S.R.T.M.U., Nanded
- **Dr. V. T. Gorgile**, Member, BoS in Botany, S.R.T.M.U., Nanded
- **Dr. Dipak Chate**, HoD Botany, MBC, Latur
- **Dr. S. V. Mandge**, Vice Principal, S. G. Mahavidyalaya, Loha
- **Dr. C. S. Swami**, HoD Botany, Dayanand Science College, Latur
- **Dr. Rahul Allapure**, HoD Botany, Udaygiri Mahavidyalaya, Udgeri
- **Dr. S. G. Yadav**, HoD, Botany, Shivaji Mahavidyalaya, Renapur
- **Dr. Abhijeet Yadav**, IQAC, Coordinator, RSM Latur
- **Dr. D. V. Vedpathak**, HoD Microbiology, RSM Latur
- **Dr. D. G. Palke**, HoD Chemistry, RSM Latur
- **Dr. Dnyaneshwar Rathod**, HoD Zoology, RSM Latur
- **Dr. Sachin Kulkarni**, HoD Biotechnology, RSM Latur
- **Dr. Omprakash Shahapurkar**, CoE, RSM Latur

### Resource Persons

**Dr. Vishnupriya M. R.**  
Chief Scientist and Head PME,  
CSIR-CCMB, Hyderabad

**Prof. Dr. Avinash B. Ade**  
Department of Botany,  
S.P.P. University, Pune

**Dr. Rahul Chavan**  
Vilasrao Deshmukh College of  
Agricultural Biotechnology, Latur



Shiv Chhatrapati Shikshan Sansha's  
**Rajarshi Shahu Mahavidyalaya, Latur**  
(Autonomous)

(Affiliated to Swami Ramanand Teerth Marathwada University, Nanded)  
NAAC Accredited (4<sup>th</sup> Cycle) A+ Grade with CGPA 3.49

**Department of Botany**  
Organizes

**DST-FIST Sponsored**

One Day National Seminar on

**Advanced Research and Development in Life Sciences**  
(ARDLS-2025)

Wednesday, 26<sup>th</sup> March, 2025



**Chief Organizer**  
**Dr. Mahadev Gavhane**  
Principal

Rajarshi Shahu Mahavidyalaya, Latur  
(Autonomous)

**Convener**  
**Prof. Sadashiv Shinde**

Vice Principal and  
Head, Department of Botany