



AICTE Training and Learning (ATAL) Academy

Sponsored

Offline

Faculty Development Programme on
**“Capacity Building in
 Biotechnology: Industrial,
 Computational and
 Environmental Perspectives”**

03-08 August 2026



Organized by

Department of Microbiology
 & Biotechnology

In Association with

Internal Quality Assurance Cell (IQAC)

R. C. Patel Educational Trust's

**R. C. Patel Arts, Commerce &
 Science College,**

Shirpur-425405 (Maharashtra)

(02563) 299328

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Registration

No registration fee

1. Participants need to register with basic details and choose Role as Participant on ATAL Portal (<https://atalacademy.aicte-india.org/signup>)
2. After successful registration, participant will get one verification email and OTP, on provided email and phone respectively.
3. Once participant verifies the email, he/she will be able to login to the ATAL Portal.
4. After login, Participants will see the “General Details” form. Filling this form is mandatory before applying for workshop.
5. Participants can search for FDP on, **“Capacity Building in Biotechnology: Industrial, Computational and Environmental Perspectives”** created by the Coordinator, R. C. Patel Arts, Commerce & Science College, Shirpur OR **Application No. 1777387822** by clicking on the “FDPs” tab on left side menu.
6. Participant can apply for the workshop, by clicking on the plus (+) button. Once he/she applied successfully, this pop-up will be displayed - **“Successfully Applied”**.

Target Group: Assistant Professors/Associate Professors/ Ph.D. scholars/PG Students

Maximum Limit: 30

Pedagogy: Collaborative, Experimental and Outcome Based Teaching and Learning based Live Sessions, Case Studies, Presentation, Videos, Research journals/article review discussions. Continuous Comprehensive Assessment of Attendees – Overall **70%** to receive a certificate, 90% and above distinction

Evaluation Criterion:

Attendance – 80% minimum

One assessment – 10%

2 Page Article Summery/per Team – 30%

Output of practical session – 15%

Report/Outcome of industrial visit – 10%

Reflection journal – 15% (Individual)

Our Patrons



**Hon. Shri. Amrishbhai
R. Patel**



**Hon. Shri. Bhupeshbhai
R. Patel**



**Hon. Shri. Chintanbhai
A. Patel**



**Hon. Shri. Rajgopal
Bhandari**

Convener & Chairman



Prof. Dr. Hitendra S. Mahajan

Co-ordinator

Prof. Dr. Sandip P. Patil

Head, Department of Biotechnology

Co-Coordinator

Prof. Dr. Ravindra H. Patil

Head, Department of Microbiology

Organizing Committee

Prof. Dr. A. M. Patil (VP)

Dr. Mahesh Patil

Dr. Ashwini Patil

Ms. Varsha Jayaswal

Mr. Shubham Yadav

Mr. Tejas Chaudhari

Ms. Shubhangi Pardeshi

Mr. Rohit Mali

Ms. Ankita Jayaswal

Dr. R. D. Jadhav (VP)

Dr. Leena Shirsath

Ms. Amruta Joshi

Ms. Harsha Pardeshi

Ms. Ashwini Patil

Ms. Darshana Gawale

Ms. Priyanka Yelawe

Ms. Mayuri Gujar

Ms. Vaishali Songire

About the Institute

The R. C. Patel Education Trust provides primary, secondary and tertiary education at elementary to advanced level in humanities, management and science including technical and professional courses. The R. C. Patel Arts, Commerce and Science College, Shirpur was established in 1991 by the trust.

R. C. Patel Arts, Commerce and Science College, Shirpur has recently achieved **A+ grade** in NAAC Assessment & Accreditation in 4th Cycle. It is AICTE approved institution for Bachelor in Computer Application (BCA) & Bachelor of Management Studies (BMS). It is located in rural tribal area, working with a vision to be pre-eminent institute which bring out the best among the students. The college is Grant-in-aid college sanctioned by Maharashtra state and also runs several self-financing courses. college is permanently affiliated to Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon (Maharashtra) and received 2(f) and 12(B) status of University Grant Commission (UGC), New Delhi. College also received Guajarati Minority Status.

Our Vision

To be a pre-eminent educational institute where teaching and learning brings out the best in the students.

Our Mission

- To impart the quality education to the students especially to the socially, economically

backward students from the middle class in the vicinity with a view that education will make them economically independent.

- To enable our students to face the unknown situations and to make them strong to face the problems of the rapidly changing and increasingly complex world.
- To make our students responsible, sensitive, socially committed and to develop in them spiritual insight and the ideas of patriotism, democracy, secularism, socialism and peace.

Content of FDP to be covered

- Industrial Biotechnology (Enzyme production & purification)
- Nanobiotechnology (Nanoparticles in disease treatment)
- Food Biotechnology (Probiotic bacteria isolation)
- Plant Biotechnology (Plant tissue culture)
- Applied Immunology (Vaccine development)
- Environmental Biotechnology (Waste water treatment)
- Computational Biology (Use of Biostatistics)
- Forensic Biotechnology (Detection of DNA & RNA)
- Bioinformatics (Informatics in biotechnology)
- Artificial Intelligence (AI) in Biotechnology
- Agricultural Biotechnology (PGPR & plant pathology)
- Biofertilizers (Production at large scale)

Detail Session Time-table

Day - 1 : 03/08/2026

Inauguration	09:00 - 09:30
Session - 1	09:30 - 12:00
Lunch Brake	01:00 - 02:00
Session - 2	02:00 - 05:30

04/08/2026 to 08/08/2026

Session - 1	09:30 - 12:00
Session - 2	12:00 - 01:00
Lunch Brake	01:00 - 02:00
Session - 3	02:00 - 05:30

Address for Correspondence

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Important Dates

Last Date of Registration : 25th July 2026

Intimation for Selection : 28th July 2026

Workshop Dates : 03 - 08 August 2026

Workshop Time : 09:30 AM - 05:30 PM
(4 sessions per day)

