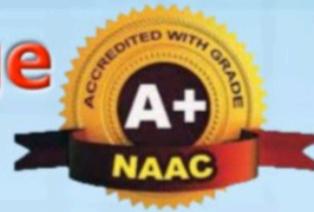




P.S.R. Engineering College

(An Autonomous Institution)

Sevalpatti – 626 140, Sivakasi, Tamil Nadu



DEPARTMENT OF BIOTECHNOLOGY

(Accredited by National Board Accreditation, New Delhi)

Organizes

Faculty Development Program

On

Next-Generation Innovation In Healthcare and Biotech



02-06 March 2026

SDG's



ABOUT THE COLLEGE

P.S.R.Engineering College, Sivakasi, an autonomous institution affiliated with Anna University, ranks among the top educational institutions in Tamil Nadu. Established in 1998 by the esteemed sons of P. S. Ramasamy Naidu, the college was founded with the noble aim of promoting Engineering education in the Virudhunagar District. PSREC is committed to fostering excellence in education and research across key disciplines in Engineering, Technology, and Management.

ABOUT THE DEPARTMENT

Founded in 2002, the Department of Biotechnology offers B.Tech. Biotechnology programme accredited with NBA. Department has been recognized as Research Centre by Centre for Research, Anna University, Chennai to offer M.S. (by Research) and Ph.D. in Biotechnology. The Department is home to expert faculty specializing in areas such as Microbial technology, molecular biology, genetic engineering, Bioprocess and chemical engineering, Nanobiotechnology, and computational biology. Our students consistently excel scoring positions in top tier companies like Biocon, Zifo, Saxon Life Science, and GE Healthcare. The Department features state-of-the-art Laboratories with advanced equipment to facilitate cutting-edge research. Students benefit from hands-on industrial training utilizing modern simulation tools, which equip them with practical skills applicable to all Bioengineering systems.



OBJECTIVES OF FDP

The Faculty Development Programme on “Next-Generation Innovations in Healthcare and Biotech” is designed to empower faculty members with up-to-date knowledge of emerging Technologies such as Gene editing, Precision Medicine, regenerative therapies, Artificial intelligence in Healthcare, and advanced Biopharmaceuticals. The programme aims to strengthen teaching and research capabilities by connecting fundamental concepts with current clinical, industrial, and translational applications. It focuses on enhancing research mentoring skills, curriculum enrichment, and the ability to integrate recent scientific advancements into academic delivery. The FDP also promotes interdisciplinary perspectives by highlighting the convergence of Biotechnology with data science, Nanotechnology, and Bioengineering. The programme seeks to foster collaborative networking and innovation-driven thinking among faculty to advance excellence in Healthcare Biotechnology education and research.

REGISTRATION DETAILS

Registration fee: Rs 200/-

G-Pay Number: 8870225915

Account Number: 815210110001500

IFSC Code: BKID0008158

CONTACT

**The Coordinator (FDP)
Department of Biotechnology
P.S.R Engineering College,
Sevalpatti, Sivakasi,
Virudhunagar-626140
Tamilnadu, India.**

Moblie: 8825979757/8870225915

Email: varalakshmi@psr.edu.in

SESSIONS

- **Dr. T. Mariappan**, Former Scientist F, ICMR-VCRC, Dept. of Health Research, Min.of Health, GOI, Madurai, Tamil Nadu.
Topic: Innovations Technology: Status of Vaccination against Dengue control in India.
- **Dr. Mohamed Yacin Sikkandar**, Professor, College of Applied Medical Sciences, Al-Majmaah University, Saudi Arabia.
Topic: Customized Knee Implants: An advancement in Health Care.
- **Dr. Ronaldo Anuf**, Director-Research and Training, Scinicorn labs Pvt Ltd., Kanniyakumari.
Topic: Personalized Medicine: Integrating R Programming with AI/ML.
- **Dr. B.Kabilan**, Senior Scientist, Laurus Bio Pvt. Ltd., Bengaluru.
Topic: 3D Bioprinting for Drug Testing and Development.
- **Dr. M. Indhumathy**, Senior Research Associate, Peptris Technologies Pvt. Ltd., Bangalore.
Topic: AI and ML in Drug Discovery.
- **Dr. S. Veeramani**, Professor (Senior), Department of Computer Science and Engineering, Shiv Nadar University, Chennai – 603110.
Topic: AI in Healthcare Prediction.
- **Dr. A. Selva Sharma**, Professor, Department of Nanoscience and Technology Gachon University, Seongnam-si, Korea.
Topic: Point-of-care diagnostics: Developing tests for personalized treatment decisions.

- **Dr. Appavu @alias Balamurugan, Director, Periyar Maniammai Institute of Science & Technology (Deemed to be University), Thanjavur.**
Topic: Data Science and ML Fundamentals and Use cases for Healthcare.
- **Mr.P.Vinoth, Director, Lyanaa AI Pvt. Ltd., Tiruchirappalli**
Topic: AI and ML for Predictive Analytics in Healthcare.
- **Dr. Vigneswaran Narayanamurthy, Professor, Rajalakshmi Engineering College, Chennai.**
Topic: Biosensors in Health Care: Current Trends and Future Directions.
- **Dr. Murali Maruthamuthu, Founder and CEO, GUT-I CARE Pvt Ltd., Coimbatore.**
Topic: Gene Therapy and Personalized Treatment Approaches.
- **Dr.J.Christina Rosy, Manager, Shelcel Biozeen Technologies Pvt Ltd., Bengaluru.**
Topic: Federated Learning in Healthcare for Balancing Innovation and Privacy in Medical Data.
- **Dr. Benet Bosco Dhas, Chief Executive Officer 30M Genomics, Hyderabad.**
Topic: Next-Generation Sequencing (NGS) Technologies.
- **Er.Brindha Chandrasekaran, Partner and Subject Matter Expert at Bworld Academy of Clinical Research & Oncology.**
Topic: Recent Trends in Companion Diagnostics and Precision Medicine in Oncology.
- **Er.Vimalkannan Kaliraj, Managing Director, BlueBirds Solutions.**
Topic: System Intelligence in Healthcare: Rethinking the Interface Between Biotechnology and Data Science.

REGISTRATION LINK

<https://forms.gle/UnCHximr1CAcMk5J7>

ORGANIZING COMMITTEE

CHIEF PATRONS

Thiru R.Solaisamy

Managing Trustee & Correspondent

P.S.R.Engineering College

Er.S.Vigneswari Arunkumar, B.Tech.,

Trustee & Director

P.S.R.Engineering College

PATRONS

PRINCIPAL

Dr.J.S.Senthil Kumar

DEAN

Dr.P.Marichamy

CONVENOR

Dr..S.Sabarunisha Begum

Professor & Head/Dept.of Biotechnology

Dr.R.Rajeswari

Associate Professor

COORDINATORS

Dr.V.Varalakshmi, Assistant Professor

Mrs.K.Shalini, Assistant Professor

Mrs.R.Suganya, Assistant Professor