



School of Chemical and Biotechnology

CALL FOR SUMMER RESEARCH INTERNSHIP 2025

The School of Chemical and Biotechnology at SASTRA Deemed University offers a summer research internship for both undergraduate and postgraduate students in the fields of Biotechnology, Bioinformatics, Bioengineering, Chemical Engineering. This program empowers aspirant research students to build a strong research foundation, encompassing essential skills. Such as Hypothesis formulation, Research design, Problem-solving, Research ethics, Technical skills, Scientific communication, Interdisciplinary collaboration and Networking..

Intake

- Only 50 seats

Duration

- 1st May to 31st July 2025.
- Minimum of 4 weeks to Maximum of 8 weeks.

Eligible Students


- B.Tech/M.Tech/B.Sc/M.Sc and Integrated Programs.

Accommodation and Food

- On-campus accommodation is available at SASTRA University on a chargeable basis, covering boarding and lodging.

Application Guidelines

- Applications are accepted only through this web portal.
- Offline applications and email submissions will not be considered.
- Apply **on or before 15th April 2025**.
- Applications received after the deadline will not be accepted.

- Selection criteria include Academic Record and Aptitude for Research.
- Bonafide Certificate template:  [Download](#) Fill and attach Bonafide Certificate to G-Form..

Internship Fees

- Fees - 5000 Rs + 18% GST
- Mode of Payment will be intimated during the selection process.
- **Certificates will be provided upon completion of Internship.**

Note : Selected candidates shall be informed through emails only.

Apply Here

List of Faculties and their Area of Interest(s)

Department	Name of Faculty	Area Of Interest(s)
Bioinformatics	Dr. Arunachalam J	Structural Bioinformatics, Phylogenetic Analysis & Genome Analysis
Bioinformatics	Dr. Ashok Palaniappan	AI based approaches for data mining
Bioinformatics	Dr. Devika N.T	Computational Biology
Bioinformatics	Dr. Ragothaman M Yennamalli	Predictive Modelling & Computational System Biology
Bioinformatics	Dr. Suma Mohan S	Computational Biology, Chromatin Organisation & Structural Bioinformatics
Bioinformatics	Dr. Venkatasubramanian U	Computational Biology & Drug Design
Biomedical Engineering	Dr. Celestin Gerald. A	Biomechanics
Biomedical Engineering	Dr. Dhakshinamoorthy S	Tissue Engineering
Biomedical Engineering	Dr. Hemalatha Karnan	Internet of medical things, Signal and Image processing for precision diagnosis

Department	Name of Faculty	Area Of Interest(s)
Biomedical Engineering	Dr. Noel N	Electrochemical biosensor
Medical Nanotechnology	Dr. Umamaheswari .K	Nanobiosensors, Smart drug delivery systems
Biotechnology	Dr. Adline Princy .S	Quorum sensing targeted Drug Development
Biotechnology	Dr. S.Anuradha	Mammalian cell culture techniques protocol
Biotechnology	Dr. Banudevi S	Drug delivery system in Molecular oncology & Neurodegeneration
Biotechnology	Dr. Chandra Mohan R B	Antibiotic Resistance, Plasmids and Phages
Biotechnology	Dr. Gowdhaman D	Molecular Biotechnology, Strain Improvement of Industrial important Microorganisms, Algal Biotechnology
Biotechnology	Dr. R.Jayapradha	Antimicrobial Resistance, Drug discovery, Zebrafish infectious Disease model, Actinomycetes Bioprospecting
Biotechnology	Dr. Kiran Babu Uppuluri	Biomass-Biofuels
Biotechnology	Dr. Meenakshi Sundaram M	Supercritical fluids, Food Packaging films & Nanomaterials.
Biotechnology	Dr. Muthukumar S	Microbiome, Body fluid proteomics
Biotechnology	Dr. Rashmi V	Microalgal Applications
Biotechnology	Dr. Saisubramanian N	Antimicrobial Resistance Tackling through Bacteriophage
Biotechnology	Dr. Senthil Kumar R	Bioprocess - upstream and Downstream, Nutraceuticals purification and Biofuel
Biotechnology	Dr. Stalin S	Biosensors, Clinical proteomics and Metabolomics
Biotechnology	Dr. S. Thirupathi Kumara Raja	Biopolymers, Bioproducts, and Bioprocessing
Biotechnology	Dr. Vadivel, V.	Food science; Under-utilized plant foods; Food processing methods; Formulation of healthy foods
Chemical Engineering	Dr. Alagesan V.	Biomass Conversion and Biorefinery, Process Engineering
Chemical Engineering	Dr. Arumugam A	Biomass Conversion and Biorefinery
Chemical Engineering	Dr. Ponnusami V	Enzyme Production & Kinetics

Department	Name of Faculty	Area Of Interest(s)
Chemical Engineering	Dr. Rajan KS	Nanofluids & Thermal Energy Storage
Chemical Engineering	Dr. Suganthi KS	Development of Nanomaterials
Chemical Engineering	Dr. Sugumaran .K.R	Bioreactor and Bioprocess Engineering
Chemistry	Dr. Anbazhagan V	Chemical Biology in Drug Discovery
Chemistry	Dr. Arvind Sivasubramanian	Natural Products; Secondary Metabolites Extraction and Optimization
Chemistry	Dr. Devaraj S	Energy Storage & Conversion, Materials Electrochemistry
Chemistry	Dr. S Philip Anthony	Organic Fluorescence Sensors Smart Fluorescence Materials

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