



NEWSLETTER:



VISION OF THE INSTITUTION

To make the institution one of our nations great engineering schools recognized nationally and internationally for excellence in teaching, research and public service. We seek to be the preferred destination for students, practitioners seeking an engineering education, employers hiring engineering graduates and organizations seeking engineering knowledge.

MISSION OF THE INSTITUTION

To provide an encouraging environment to develop the intellectual capacity, critical thinking, creativity and problem-solving ability of the students.



VISION OF THE DEPARTMENT

To cultivate scientific and technical manpower in Biotechnology to solve various problems and challenges faced by industry and academia for the betterment of society.

MISSION OF THE DEPARTMENT

- Provide an academic environment that emphasizes critical thinking.
 - Equip students with knowledge and practical skills required for the industry and academia
- Constitute Institute-Industry relationship via implant training programs and projects and establish a centre of excellence (COE) in the frontier areas of biotechnology

PROGRAMME OUTCOMES:

Engineering Graduates will be able to:

PO1	a	Engineering knowledge: Apply the knowledge of mathematics, science, engineering, fundamentals, and an engineering specialization to the solution of complex engineering problems.
PO2	b	Problem analysis: Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
PO3	c	Design/development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
PO4	d	Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
PO5	e	Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modelling to complex engineering activities with an Understanding of the limitations.
PO6	f	The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
PO7	g	Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
PO8	h	Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
PO9	i	Individual and teamwork: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
PO10	j	Communication: Communicate effectively on complex engineering activities with the engineering Community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
PO11	k	Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
PO12	l	Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

PROGRAM SPECIFIC OBJECTIVES (PSOs):

PSO1	Knowledge and hands on training to solve engineering and scientific problems.
PSO2	Ability to work in interdisciplinary areas of science and technology towards industrial and academic research applications.
PSO3	Infer the potentials and impact of biotechnological innovations for finding sustainable ethical solutions to issues pertaining to health, environment and agriculture



EVENTS:

- On 29.08.19, Dr. Arul Prakash Francis, Associate Professor, Centre of Molecular Medicine and Diagnostics, Department of Biochemistry, Saveetha College facilitates the guest lecture on Nanotechnology for a Sustainable Future. The event starts with the welcome gathering by principal. The speaker has started his speech with interactive by asking the question and then he started his speech about Nanotechnology for a sustainable future

Nanotechnology and materials are also expected to contribute to the realization of a sustainable society. The session was very interactive with the students and was very useful for the students for their projects. The session ends with the vote of thanks.

- The training based on basic laboratory skills and aseptic techniques was conducted by our college on 26.10.2019. The training was provided by Dr. Vinitha Lakshmi (Head, Project Manager), Kavin Bioresearch, Chennai. The event comes under the topic related to good laboratory practices. The session was very useful to the Biotechnology students to understand the importance of laboratory practices and also the prevention of diseases. The students were very interactive with her and they came forward to clarify all their doubts regarding their lab practices.



- In the date 07.11.2019, a guest lecture on “An Interactive session on Cancer Research as an important field with Career Opportunities for Individuals with Life Science Background” Dr. M.Poongothai, Assistant Professor, Department of Biotechnology, Dr. N.G.P. Arts and Science College, Coimbatore. The session started with the welcome address by the Principal followed by the Guest introduction. The guest started the speech by explaining about the mode of cancer formation. Then she explained about the symptoms and the prevention of cancer. The treatments involved in the cancer also discussed clearly. The students clarified their doubts with the guest. Our students got more information through this webinar. The session ended with the Vote of Thanks by the Head of the Department followed by the National Anthem.



➤ On 29.11.2019, Dr. M. Rajkumar, Professor, Department of Environmental Sciences, Bharathiar University, Coimbatore has felicitated the gathering. The event started with the welcome address by the Principal followed by the Guest Introduction. 70% of all Biotechnology Students has attended the Guest Lecture. The guest started the speech with the introduction about microbial biotechnology.

Dr. M. Rajkumar briefly explained about the microbe mediated mitigation of multiple environmental stress in plants. The session was very interactive. The students got more information about the topic. The students participated are also interested in doing their projects with this topic. The session ends with the vote of Thanks by the Head of the Department followed by National Anthem.



ASSOCIATION MEMBERS:



GENMATICS



**J. Jenovindonald
(PRESIDENT)**



**V. Sneha
(VICE PRESIDENT)**



**S. Kathiresan
(TREASURER)**



**S. Sugavanan
(VICE TREASURER)**

STUDENTS CERTIFICATION:

- ✓ Kiruthikaa. S participated in the internship program which was conducted by the Green life biotech laboratory for the period of 10 days from 03.06.2019 to 13.06.2019 and she was certificated for her work.
- ✓ Our student Sangeeth Shalini. A has attended the internship on Semi auto Analyser in Smart clinical lab from 17.06.2019 to 27.06.2019. She also received training certificate from Smart clinical lab.
- ✓ Kaviya. S of Biotechnology department has participated in the internship program of nutritional facts testing in food products in specialized testing services for a period of 10 days from 26.06.2019 to 02.07.2019. She received the training certificate from specialized testing services.
- ✓ Nandhini. P from Biotechnology department participated in the internship training in Exon Biosciences in the period of 24.06.2019 to 05.07.2019 and received her training certificate.
- ✓ Our student Skymoon. R attended the internship program on the topic methods in biochemistry and molecular biology in ICAR for a period of 1 month from 05.12.2019 to 03.01.2020. She also received her training certificate from ICAR.

SPORTS ACHIEVMENT:

1. ATHLETICS:

- ✚ Our SIET sports students participated in the Athletics match - Anna University Zone- IX Athletic Meet. The students of SIET were participated in both the athletics-Men and Women championship. The event was held in

the KPR IET-Coimbatore in the period of Sep to Sep 2019. They also won the championship in the event.

Sl No	Name of the Games	Name of the trophy	Venus	Date	Achievement's
01.	Athletics-Men	Anna University Zone-IX Athletic Meet.	KPR IET- Coimbatore	Sep to Sep 2019	Champions
	Athletics- Women				
02.	Athletics – Women	KICS– 2019	KCT -Coimbatore	24 th Aug 2019	Champions



✚ The athletics girls of SIET students were participated in the KICS – 2019 which was held in KCT – Coimbatore. The event was conducted on 24th Aug 2019. They participated in the event and won the championship.



2. BADMINTON:

- The students of SIET were participated in the Badminton Men - Anna University Zone-IX Badminton Tournament. The event was held in the PSG TECH-Coimbatore on 24th Aug 2019. The students won the championship in the event and received their certificates.



Sl No	Name of the Games	Name of the trophy	Venus	Date	Achievement's
01	Badminton-Men	Anna University Zone-IX Badminton Tournament	PSG TECH-Coimbatore	24 th Aug 2019	Champions
		KICS-19 Badminton Tournament	KCT - Coimbatore		Runners

- The Badminton – Men event KICS-19 Badminton Tournament was held in KCT –Coimbatore, on 24th Aug 2019. The students of SIET were participated and won runner up in the event. The students were received their certificates from KCT –Coimbatore.

Badminton-Women	Anna University Zone-IX Badminton Tournament	PSG IT & AR-Coimbatore	24 th Aug 2019	Runners
	KICS-19 Badminton Tournament	KCT - Coimbatore		Third

- The students of SIET were participated in the Badminton Women - Anna University Zone-IX Badminton Tournament. The event was held

in the PSG IT & AR-Coimbatore on 24th Aug 2019. The students won the runner up in the event and received their certificates.

✚ The Badminton – Women event KICS-19 Badminton Tournament was held in KCT –Coimbatore, on 24th Aug 2019. The students of SIET were participated and won the third prize in the event. The students were received their certificates from KCT –Coimbatore.



3. CRICKET:

Sl. No	Name of the Games	Name of the trophy	Venus	Date	Achievement's
01	Cricket-Men	Anna University Zone-IX Cricket Tournament	SSIET-Coimbatore	25 th Sep 2019	Winners



✚ The students of SIET were participated in the Anna University Zone-IX Cricket Tournament of Cricket (Men) which was held in SSIET-Coimbatore. The event was conducted on 25th Sep 2019. They participated in the event and won the championship.

