



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

PROGRAMMEOUTCOMES:

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):

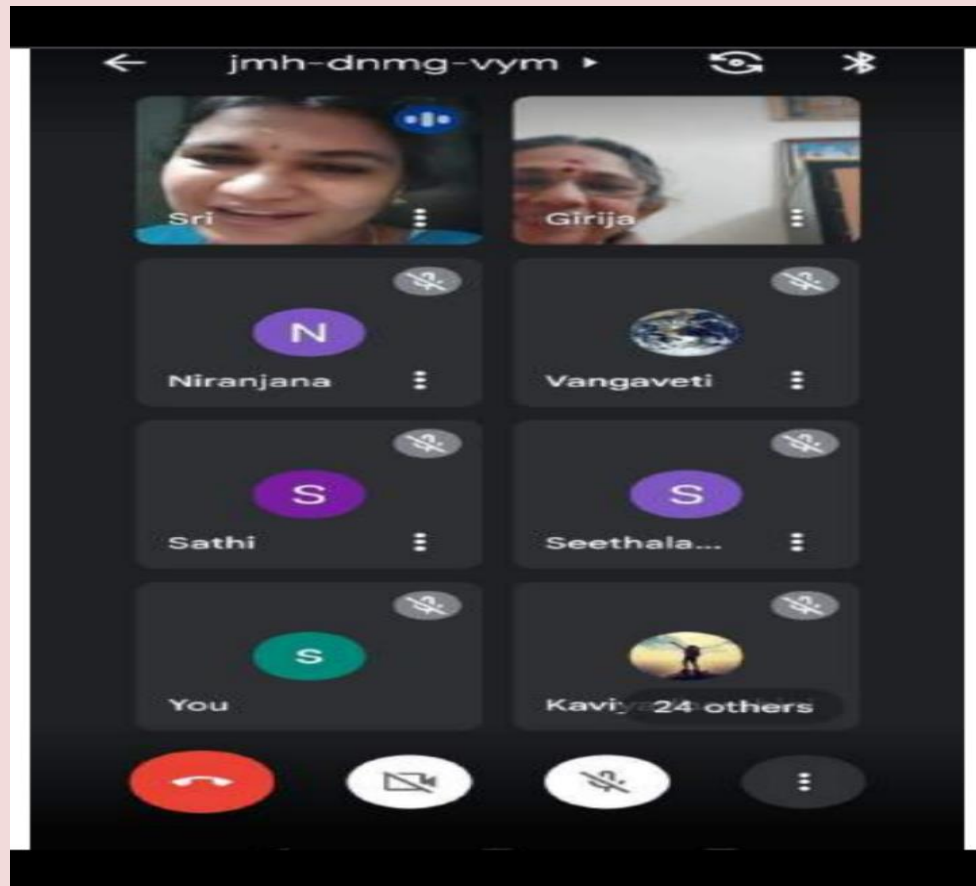
PSO1	Knowledge and hands on training to solve engineering and scientific problems.
PSO2	Ability to work in interdisciplinary areas of science and technology towards industrial and academic research applications.
PSO3	Infer the potentials and impact of biotechnological innovations for finding sustainable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



EVENTS:

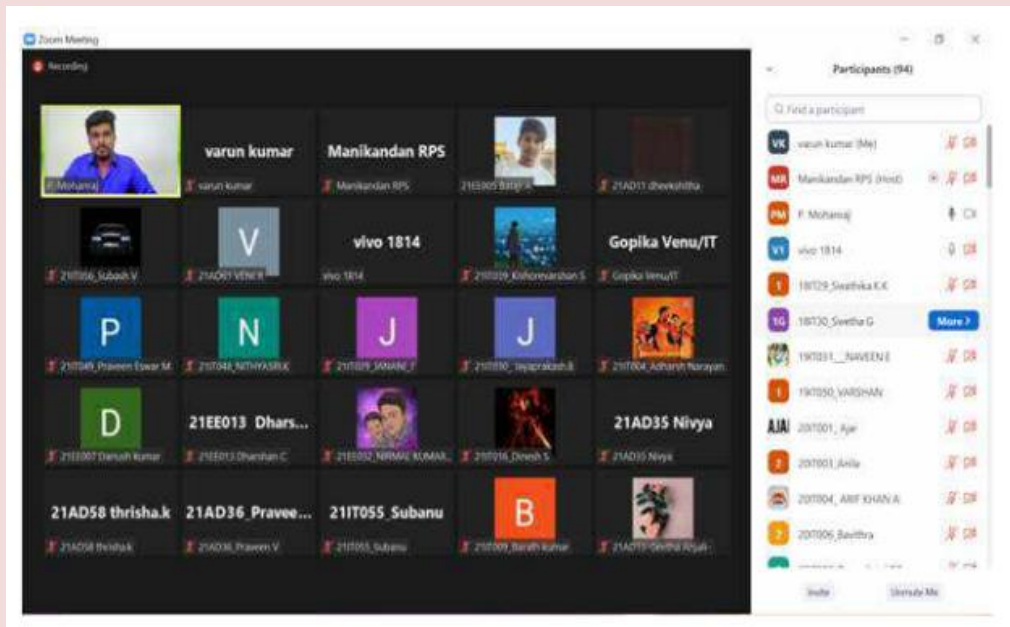
- On 07.04.20 a webinar was conducted on Current challenges and its precautions. The session starts with the welcome address by the Principal followed by the Guest introduction. Dr. Vasumathi Balaguru Child & Adolescent Psychiatrist, UK has been started her speech with explaining about the covid situation. The webinar also gives information about Covid and

Mental Health. The speaker explained the precautions to be taken in this critical situation to prevent us from the covid. The session was very interactive and useful for the students to understand about the covid. The session ends with the vote of thanks by the staff members of the department of bio technology followed by National anthem.



- On 22.04.20, Dr. Burhanuddin Hamza, MD (Hons) – VSMU facilitates the webinar on Recent advances in Biotechnology. The session starts with the welcome address by the Principal followed by the Guest introduction. Almost 70% students were attended the webinar. The speaker starts his speech with the introduction of Biotechnology viewpoint with Covid19 and he explained

about the Covid-19 symptoms and the effects of covid. He also explained the precautions to it. The guest explained about the vaccines for covid-19. The session was very useful for the students to understand about the vaccines and covid-19 effects. The students were also very interactive with the guest. The session ends with the vote of thanks.



- On 07.05.20, Shri. K. Jayachandiran Sr. Consultant - PPDC, Agra facilitates the gathering. The event starts with the welcome address by the Principal followed by the guest introduction. More than 70% of the Biotechnology students attended the guest lecture. It was on the topic, Bioentrepreneur-ship. The guest starts his speech with the introduction of what is Bioentrepreneur-ship and explained briefly about it. He explained about the ways to start up the Bioentrepreneur-ship and the benefits of it. Students asked their doubts. It was an interactive and informative session. The session ended with Vote of Thanks by the Head of the Department followed by the National Anthem.

- On 26.05.20, Dr. Thomas Jacob Kariathil Environmental Service Consultant, Outlook, Saskatchewan, Canada. The event starts with the great welcome address by the principal. 90% of the students has been attended the guest lecture. The speaker has started his speech with the quotes and he gave introduction on Bioremediation. The webinar is based on the topic Environmental impacts and remedies. The speaker gave clear view on Bioremediation effects on environment and its effect on it. He also explained about the remedies to be followed. The precautions to prevent the Bioremediation also discussed in the webinar session. The session comes to an end with the vote thanks by President of Genmatics association of the department of Biotechnology.



SPORTS ACHIEVEMENTS:

1. ATHLETICS:

Sl No	Name of the Games	Name of the trophy	Venus	Date	Achievement's
01.	Atheltics-Women	11th CENTIES – 2020	BIT-Sathyamangalam	21st Feb 2020	Second
02.	Athletics -Men	3rd COVAI TIES -2020 Athletic Meet	RVS college of Engineering and Technology-Coimbatore	24th Feb 2020	Champions
	Athletics - Women				Second

- ✚ The students of SIET participated in the Athletics-Women Meet - 11th CENTIES – 2020 which was held on BIT-Sathyamangalam. The meet was conducted on 21st Feb 2020. The SIET students won the second prize.



✚ Our SIET sports students participated in the Athletics match - 3rd COVAI TIES -2020 Athletic Meet. The students of SIET were participated in both the athletics-Men and Women championship. The event was held in the RVS college of Engineering and Technology-Coimbatore in the period 24th Feb 2020. The Boys team won the championship in the event and the girls team won the second prize in the event.





2. BADMINTON:

Sl No	Name of the Games	Name of the trophy	Venus	Date	Achievement's
01	Badminton-Men	11 TH CENTIES Badminton tournament -2020	Kongu Engineering College -Erode	03 rd Feb - 2020	Third

- ✚ The Badminton – Men- 11TH CENTIES Badminton tournament -2020 event was held in Kongu Engineering College -Erode, on 03rd Feb -2020. The students of SIET were participated and won third prize in the event. The students were received their certificates from Kongu Engineering College – Erode.



3. BASKET BALL:

Sl No	Name of the Games	Name of the trophy	Venus	Date	Achievement's
01	Basketball-Men	Anna University Zone-IX Badminton Tournament	KPR IET-Coimbatore	6 th Feb 2020	Runners
		11 th Centies Basketball Tournament-2020	PSG Tech-Coimbatore		Runners
		3 rd Covai Ties -2020	RVS Tech-Coimbatore	16 th Feb 2020	Runners
		3 rd SengodaGounder Basketball Tournament-2019	SSIET-Coimbatore		Runners

✚ The Basketball – Men - Anna University Zone-IX Badminton Tournament event was held in KPR IET-Coimbatore, on 06th Feb -2020. The students of

SIET were participated and won runner up in the event. The students were received their certificates from KPR IET-Coimbatore.

✚ The Basketball – Men - 11thCenties Basketball Tournament-2020 event was held in PSG Tech-Coimbatore, on 06th Feb -2020. The students of SIET were participated and won runner up in the event. The students were received their certificates from PSG Tech-Coimbatore.

✚ The Basketball – Men - 3rdCovai Ties -2020 event was held RVS Tech-Coimbatore, on 16th Feb -2020. The students of SIET were participated and won runner up in the event. The students were received their certificates from RVS Tech-Coimbatore.

✚ The Basketball – Men - 3rdSengodaGounder Basketball Tournament-2019 event was held SSIET-Coimbatore, on 16th Feb -2020. The students of SIET were participated and won runner up in the event. The students were received their certificates from SSIET-Coimbatore.



4. CRICKET:

Sl. No	Name of the Games	Name of the trophy	Venus	Date	Achievement's
01	Cricket-Men	3 rd COVAI Ties-2020	RVS Tech-Coimbatore	27 th Feb 2020	Winner



✚ The students of SIET were participated in the 3rd COVAI Ties-2020 of Cricket (Men) which was held in RVS Tech-Coimbatore. The event was conducted on 27th Feb 2020. They participated in the event and won the championship.

