



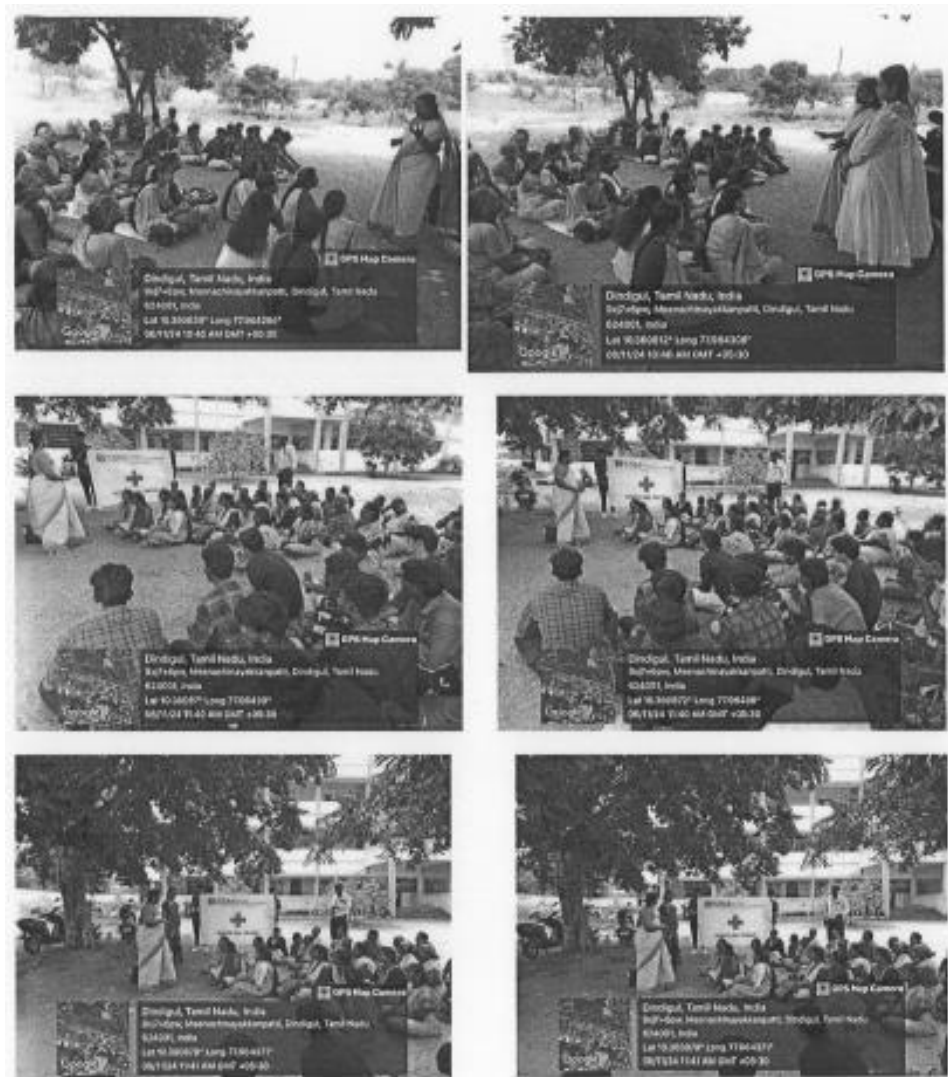
# SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY

(An Autonomous Institution)

(Approved by AICTE, New Delhi/Affiliated to Anna University, Chennai/Accredited by NAAC & NBA)  
Dindigul -Palani Highway, Dindigul – 624 002

## TRAINING ON SELF-EMPLOYMENT FOR RURAL DEVELOPMENT

The Youth Red Cross (YRC) unit of SSMIET has been rendering yeoman service to the society. The members of the YRC wing of SSMIET organized one-day training on self-employment for rural development in the village Kurumbapatti on 6th November 2024 Wednesday. In this regard, all volunteers are requested to take active part in the training program. The session was started at 10.30 a.m in the village Kurumbapatti with introductory session by the YRC Coordinator, Mrs S. Hemalatha, AP/Maths, and welcomed the resource person and all the participants. A brief introduction about the course was given by UBA Coordinator Mr. R. Senthil Kumar, AP/ECE. Mrs. M. Rajamaheswari M. Com., M. Phil., State President, Women entrepreneur development association (WEDA) of Tamil Nadu, District Resource Person (DRP), District Industrial Centre, started the session. She apprised the participants about the scheme initiated by the state government and provides the proper guidance. Also, she motivated the people to be entrepreneurs and enhance their ability.





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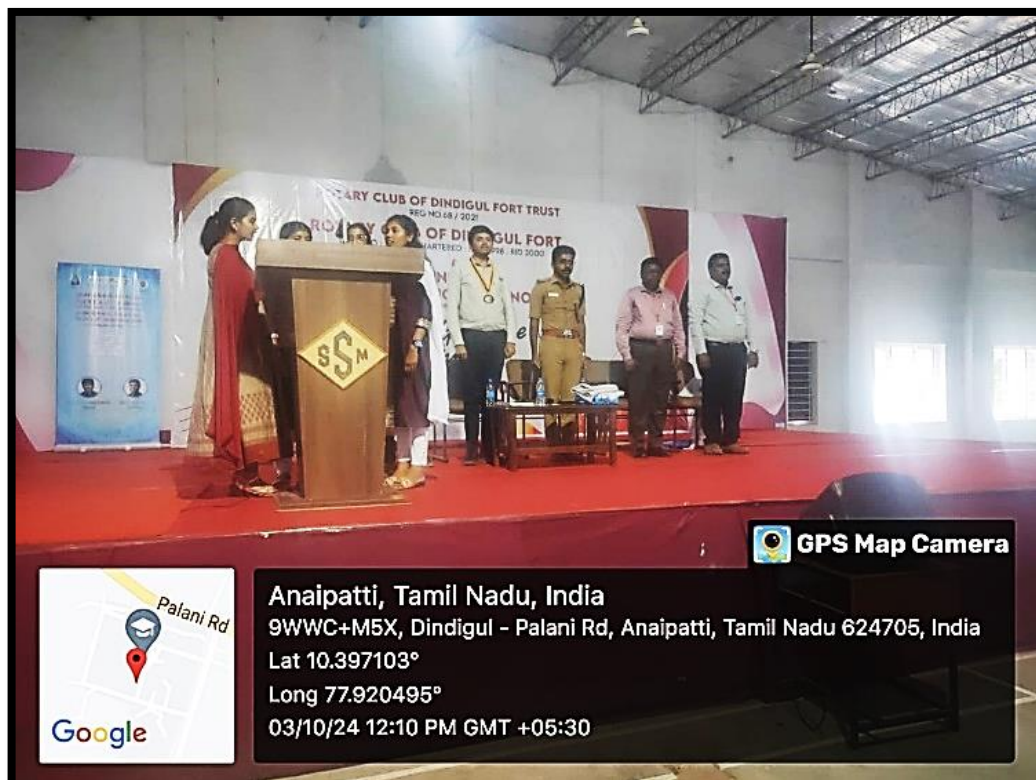
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## Career Guidance for First Year

Seminar	: Passion to Purpose for Future Leaders
Chief Guest	: Mr. Sibin P, I.P.S., Assistant Superintendent of Police
Date & Time	: 03.10.2024 10.30 a.m. to 12.30 p.m.
Venue	: SSMIET, Auditorium
Organized by	: Rotary Club of Dindigul Fort
Participants	: I B.E. Students – 469 Students

The seminar on, “Passion to Purpose for Future Leaders”, was organized by Rotary Club of Dindigul Fort with the objective of inspiring participants to identify their passions, align them with meaningful purposes, and develop leadership skills for creating positive change. The highlight of the event was the presence of the Chief Guest, Mr. Sibin P, I.P.S., Assistant Superintendent of Police, who shared his invaluable insights and experiences as a dedicated leader in public service.

The program commenced with a warm welcome by Dr. G. Shanmugam, Dean / S&H, SSMIET, followed by the lighting of the ceremonial lamp. The Chief Guest, Mr. Sibin P, I.P.S., delivered the inaugural address, emphasizing the importance of resilience, discipline, and commitment in turning one’s passion into a purposeful career. He encouraged participants to adopt a problem-solving mindset and contribute meaningfully to their communities.







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## Telecasting Movie for College students

Event : Telecasting Movie for College students

Date : 09.11.2024

Venue : SSMIET, Seminar Hall 3

As per the direction from the Government of Tamil Nadu, it is required for educational institutions to telecast children's movies to college students. A nominal fee of ₹20 is to be collected from each student for this purpose.



GPS Map Camera

Google

Agaram, Tamil Nadu, India

CW29+R53, Agaram, Tamil Nadu 624709, India

Lat 10.400083°

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09/11/24 11:30 AM GMT +05:30



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## **EVENT NAME: NATIONAL MATHEMATICS DAY -24**

**Event** : Essay Competition

**Date & Venue** : 16.12.2024, Seminar Hall – 1, SSMIET

**Organized by** : Born Genius Ramanujan Math Club

**Time** : 11.00 AM to 12.00 PM

In celebration of the birth anniversary of the renowned mathematician Srinivasa Ramanujan, the Department of Mathematics, SSM Institute of Engineering and Technology, in association with the Nilakottai Mathematics Forum, organizes an Essay Writing Competition for students. Nearly, 27 students from various branches participated in the competition. The prizes of the competition are distributed much to the excitement of the students.







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## Passport Awareness Program

The NSS unit of SSMIET organized an awareness program on the necessity of having a passport and issuance of a passport among the students on 12.11.2024 (Tuesday) at 10.45 am held at Seminar Hall-3, SSMIET, Dindigul. The NSS programme officer of this college, along with the around 250 students, the teaching and non-teaching staff, and the passport service agency, have actively taken part in this program. The resource persons of Angel Passport Service, Mr. L.Benner Asir Raja and Mr. A.E Jones Samuel have cleared a number of doubts expressed by the students about the procedures to be followed to obtain a passport. This has made them understand certain rules and regulations involved and gained an exposure to interacting with resource persons. Then, on 19.11.2024 (Tuesday) conducted a Passport Registration Camp. Around 89 students and staff registered directly in the Passport Registration camp.





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## UPSC ASPIRANTS' CLUB

Date of the Event : 20.03.2025  
Chief Guest : Thiru S. Saravanan I.A.S., District Collector, Dindigul  
Participants : First Year Students from all branches.  
Venue : Auditorium (Above Mess)

The inaugural ceremony of the UPSC Aspirants' Club was held on March 20, 2025. Thiru S. Saravanan, I.A.S., District Collector of Dindigul, graced the occasion by inaugurating the club and delivering the inaugural address. In his address, Thiru S. Saravanan emphasized the wide range of opportunities available in the government sector for graduates from Engineering, Arts, and Science streams. He also encouraged students to utilize their time during graduation effectively to build a prosperous career after completing their studies. As a gesture of support, the District Collector distributed study materials to some of the participants during the event.

Mr. Arjun Nathan, Branch Head of Sankar IAS Academy, Madurai, provided valuable insights into the preparation strategies for UPSC examinations. He shared tips on how to approach the exams and outlined the key factors contributing to success.





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## Bloodathon'25

The Bloodathon 5km Marathon Race was a thrilling event organized to promote fitness and raise awareness about the importance of blood donation. The event was held on 17.04.2025 (Thursday) at GH's Entrance, organized by the Life Savers Squad, Government Medical College and Hospital. The marathon was open to all above 18 and aimed to engage the youth in physical activity while educating them about the life-saving significance of donating blood. The event began at 6.45 am with participants at Entrance of Government Hospital, Dindigul. Students from various colleges came together for this cause. Over 300 various college students, 6 students of SSMIET out of 300 registered for the marathon, with a wide representation from different colleges. The top three runners were awarded prizes and special mentions were given to those who demonstrated remarkable dedication and spirit. SSMIET Participants 1) K.Shriram - I CSE 2) S.A.Sivagami - I CSE 3) S.Jannathul Firdhous - I CSE 4) A.Mohammed Karib Navas – I AIML 5) K.Kamini - I ECE 6) U.Prem Anand - II ECE







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The NSS & YRC units of SSMIET organized a Blood Donation camp with GH Blood Bank, Dindigul and also Awareness Programme on Anemia and Blood Donation with Dindigul Government Medical College Students on our campus on March 25, 2025. All the female faculty and students were get benefitted, 39 students donated the blood to the needy people through the camp. Authorities complimented the students' noble activity. A certificate of appreciation was given to donors. The camp was coordinated by the NSS Coordinators Dr. R. Satheesh Babu and Dr.K. Ganesh, and YRC Coordinator Mrs.S.Hemalatha , SSMIET.







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## Foundation Day – 2025

(15.02.2025, 21.02.2025 and 22.02.2025)

Name of the Event : Valedictory, Foundation Day 2025  
Chief Guest : Mr. Shankar V Subramaniam, CEO,  
Hindu Tamil Thisai, KSL Media, Chennai  
Date : 07.04.2025 (Monday)  
Venue : Auditorium (Above Mess)

Foundation Day 2025 was celebrated in SSM Higher Educational Institutions for Research (SSM HEIR) on 07.04.25. Mr. Shankar V Subramaniam, Chief Executive Officer, Hindu Tamil Thisai, KSL Media Limited, (The Hindu Group), Chennai has graced the celebration as chief guest. The function presided over by Dr. D Senthil Kumaran, Principal, SSM Institute of Engineering and Technology and gave the presidential address. During his special address, the chief guest described about various aspects like patience, perseverance, professionalism and other quality parameters that can make a student into a successful personality during his special address. The winners of the competitions conducted in view of the foundation day 2025 were honoured with the shield and certificates by the chief guest.

### Event Photos





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## Students Activities

### • Seminars/Workshops/Symposiums (Attended)

S.No	Name of the Student	Year	Department	Program Details	Venue	Date/Duration
1	MOHAMED KARIB NAVAS A	I	AIML	Symposium @ NIT, Trichy	NIT, Trichy	28.03.24
2	BOOPATHI.S	I	CSE	Codefury's 25 (Hackathon)	Syed ammal Engineering college, Ramanathapuram	25.04.25
3	MISHAL DEEPAK.S	I	CSE	Codefury's 25 (Hackathon)	Syed ammal Engineering college, Ramanathapuram	25.04.25

### • Paper Presentation

S.No	Name of the Student	Year	Department	Description	Venue	Date/Duration
1.	M.RUBASHREE	I	AIML	Paper Presentation - Udhayam 25 – Intercollegiate	KIT, Coimbatore	01.03.25
2	P.KRISHNAKUMARI	I	AIML	Paper Presentation - Udhayam 25 – Intercollegiate	KIT, Coimbatore	01.03.25
3	KAVYAVARSHINI. S	I	AIDS	Paper vista	PSNA, Dindigul	09.04.25

### • Students Achievements (Co and Extra Curricular)

S.No	Name of the Student	Year	Department	Description	Venue	Date	Prize
1	K.VAISHNAVA SRI KARUNYA	I	AIDS	Ball badminton Zonal	Kamarajar institute of engineering and technology	08.11.24	II
2	SADHANA G	I	EEE	Table Tennis	ANNA University, Dindigul	15.10.24	III
3	EDWIN JOYAL	I	AIML	Dindigul Foot Ball Team	Nehru Stadium, Chennai. CM Trophy	14-18 Oct, 2024	I





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## Faculty Activities

S.No	Name of the Faculty	Designation	Department	Journal Name	Month & Year	Topic
1	Dr. K.Ganesh	AP	Chemistry	Solar compass	2024	Experimental investigation of single slope solar still for culinary wastewater treatment
2	Dr. K.Ganesh	AP	Chemistry	Biomass Conversion and Biorefinery	ISSUE D OCT 2024	Effect of anaerobic co-digestion of waste chicken feather with banana stem juice for production of biogas
3	Dr. A. Jeyaseelan	AP	Chemistry	Diamond and Related Materials	2024	Development of graphene oxide and magnesia immobilized kaolin supported dual biopolymeric hybrid material for methyl orange and malachite green removal from water
4	Dr. A. Jeyaseelan	AP	Chemistry	Water, Air, & Soil Pollution	2025	Fabrication of Graphene Oxide and Ceramic Magnesia Immobilized Dual Clay Supported Alginate and Pectin Biopolymeric Hybrid Material for Hazardous Dyes Removal
5	K.Thara	AP	Chemistry	SEEJPH	2024	Utilization of Solar energy and magnetic nanoparticles for the treatment of dye effluents around Dindigul district
6	K.Thara	AP	Chemistry	Fisioterapia	2024	Effect of Samarium doping in magnetism of Zinc oxide Nanoparticles
7	Kavitha S	AP	Maths	<a href="#">AIP conference Proceedings</a>		Enhancing AI with Fractal Geometry for Advanced Data Compression



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8	Dr. S. Hemalatha	AP	Maths	Jnanabha	2024	Inventory model involving lead time crashing cost as an exponential function with ordering cost reduction dependent on
9	Dr.R.Satheesh Babu	AP	Maths	International Journal of Mathematics in Operational Research		Trust-Driven and Predictive Algorithms for Network Flow Optimization in Combinatorial Problems
10	R. Vithyadevi	AP	Maths	Mukt Shabd	2025	Multi-item production for fuzzy inventory system optimization along credible actions contingent demand
11	Dr. R. Janani,	AP	Maths	Indian Journal of Natural Sciences	Dec 2024	Coprime Edge Labeling of Graphs
12	Dr. R. Janani	Assistant Professor	Mathematics	Biomass Conversion and Biorefinery	Oct 2024	Effect of anaerobic co-digestion of waste chicken feather with banana stem juice for production of biogas
13	Dr. R. Janani	Assistant Professor	Mathematics	Communications on Applied Nonlinear Analysis	May 2024	On Edge Prime Index of a Graph
14	N.Bhuvaneswari	AP	Maths	Journal of Electrtrical Systems	2024	Hybrid Energy Harvesting Framework for NBIoT Sensors:A Stochastic Geometry Approach
15	Dr. K Ramachandran	AP	Physics	International Journal of Hydrogen Energy	2024	Growth of octahedral structured AgBiS <sub>2</sub> single crystals and its insights on the high performance electrocatalytic hydrogen generation
16	Dr. R Nagaraj	AP	Physics	Journal of Optics	2024	Generation of white light on Dy <sup>3+</sup> -ions activated Zinc fluoroborate glasses and luminescence studies
17	C.Shankarraman	AP	English	KY Publications (Chapter)	2025	Depiction of trauma and brutality: a humanitarian study on the graphic novel the vanni





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## Paper Presentation

S.No	Name of the Faculty	Designation	Department	Topic	Publisher's Name / College Name	Year
1	K.Ganesh,	AP	Chemistry	Adsorptive Removal Of Reactive Red4 Dye From Industrial Wastewater Using Thevetia Neriifolia Juss Activated Carbon	Department of Chemistry; Bannari Amman Institute of Technology; Sathyamangalam	2025
2	P.Aravindan,	AP	Chemistry	Synthesis, spectral characterization, electrochemical and anti-corrosion studies of 1-(((4-bromophenyl) imino) methyl) naphthalen-2-ol Schiff base	ANEH Scientific Foundation & G T N Arts College, Dindigul	2024
3	P.Aravindan,	AP	Chemistry	Synthesis, spectral characterization, Molecular docking, Biological activities and corrosion inhibition of 2-(((5-aminonaphthalen-1-yl)imino)methyl)-4-chlorophenol and their Co(II), Cu(II), Zn(II) complexes	Saraswathi Narayanan College, Madurai	2025
4	S.Soundaralakshmi,	AP	Chemistry	Facile synthesis of high yield blue gree N-doped carbon dots and their applications inIron(III) sensing.	ANEH Scientific Foundation & G T N Arts College, Dindigul	2024
5	K. Ramachandran, S. Nagamuthu, G. Shanmugam,	AsP / AP	Physics	Organic 1,3-bis(4-methoxyphenyl)prop-2-en-1-one (BMP) crystal grown by Vertical Bridgman - Stockbarger technique for Second Harmonic Generation (SHG) applications	Mannar Thirumalai Naicker College (Autonomous), Madurai.	2025
6	R. Nagaraj, K. Ramachandran and S. Nagamuthu	AP	Physics	Synthesis, Spectroscopic Characterization and Calculate the Judd-Ofelt Intensity Parameters for Dy 3+ doped Silicate Phosphors	Mannar Thirumalai Naicker College (Autonomous), Madurai.	2025
7	A.Jeyaseelan	AP	Chemistry	Fabrication of Graphene Oxide Layered Iron Organic Frameworks Incorporated Biopolymeric Hybrid Materials for Fluoride Removal	The Gandhigram Rural Institute (Deemed to be University), Dindigul	2025
8	G.YOSUVA	AP	Tamil	TAMIL MOZHI VALARCHIYIL KANINITHOZHILNUTPAM	G T N Arts College, Dindigul	2024
9	G.YOSUVA	AP	Tamil	AYIVU NOKIL SANGA ILAKIYA VALVIYAL	G T N Arts College, Dindigul	2025



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10	K.Thara,	AP	Chemistry	Sustainable solutions for heavy metal contamination: Removal of Chromium, Copper, Zinc from industrial waste water	Chennai &( hybrid mode)	2025
11	K.Thara,	AP	Chemistry	Impact of Heavy Metals in Dairy Industry Effluent and Effective treatment methods	Mannar Thirumalai Naicker College (Autonomous), Madurai.	2025
12	N.Bhuvaneswari	AP	Maths	Recent trends in neutrosophic fuzzy graphs	Arul Anandar College(Autonomous), Karumathur, Madurai.	2025
13	N.Bhuvaneswari	AP	Maths	Fuzzy Social Network Analysis in Industry Academic Collaborations	Journal of Fuzzy Extensions and Applications	2025
14	Dr. R. Janani	Assistant Professor	Mathematics	A computational and experimental evaluation of advanced composites ballistic performance	3 <sup>rd</sup> international conference on Advance in science and engineering (ICASET – 25)	22 <sup>nd</sup> and 23 <sup>rd</sup> March, 2025

## Book Published

S.No	Name of the Faculty	Department	Title	Publisher	Month/Year
1	Dr.K.Thara, Mrs.S.Soundaralakshmi, Dr. K.Ganesh	Chemistry	Environmental science and sustainability	Cengage	Dec 2024

## Guest Lectures by Faculty

S.No	Name of the Faculty	Designation	Department	Topic	Venue	Date
1.	Dr. R. Janani	Assistant Professor	Mathematics	Exploring the Essence of Mathematics	St. Antonys college of Arts and Science for Women	12.12.2024

## NPTEL Courses by Faculty ( Rank Holders)

S.No	Name of the Faculty	Designation	Department	Topic	Rank	Duration
1.	Dr. R. Janani	AP	Mathematics	Accreditation and Outcome Based Learning	Gold Topper ( 93% )	Aug - Oct ( 8 week course)