

**Sri Sivasubramaniya Nadar College of Engineering, Kalavakkam - 603110.**  
**(An Autonomous Institution affiliated to Anna University)**

**List of the selected students for the student summer internship (SSI) 2024**

**Instructions for selected intern students:**

1. While reporting to the respective mentor, bonafide certificate need to be submitted.
2. Transport facility request form should be submitted to the transport department through Mentor, HoD and VP, if the student want to avail SSN transport facility.
3. Hostel accomodation facility request form should be submitted to the respective hostel warden through Mentor, HoD and VP, if the student want to avail SSN hostel facility.

**Department of Electrical and Electronics Engineering**

S.No	Name of the Student	Institution	Department of the Student	Year of Study	email id of the student	Project Choice	Project Title	Name of the Mentor	email id of the mentor
1	R H Gopi Krishna	Velammal Engineering college	EEE	III year UG	gopikrishna232005@gmail.com	EEE01	AI Predictive Models for Electric Vehicle Range Estimation	Dr.R.Seyezhai	seyezhair@ssn.edu.in
2	Parmesh Ragav E M	Sri Ramakrishna Engineering College	EEE	II year UG	parmeshragav.2203110@srec.ac.in	EEE02	BMS design, Autonomous Vehicle, Wireless power transfer and Embedded system	Dr. P. Saravanan	saravananp@ssn.edu.in
3	Kamesh S	SRM Institute of Science and Technology	EEE	III year UG	ks7296@srmist.edu.in	EEE03	Microcontroller Based Electric Vehicle Management System	Dr.M.Balaji	balajim@ssn.edu.in
4	Kabilan D	Velammal Engineering College	EEE	III year UG	deiveeganae@gmail.com	EEE04	Application of AI algorithms for fault detection in PV systems.	Dr. R. Ramaprabha	ramaprabhar@ssn.edu.in
5	Asmitha R S	Amrita Vishwa Vidyapeetham, Chennai	CC	III year UG	r.s.asmithae3@gmail.com	EEE05	IOT and Machine learning based advanced building energy management	Dr R Leo	leor@ssn.edu.in

Department of Bio Medical Engineering

S.No	Name of the Student	Institution	Department of the Student	Year of Study	email id of the student	Project Choice	Project Title	Name of the Mentor	email id of the mentor
1	Mridul Narain	S.R.M Institute of Science and Technology	CSE	I year UG	mn9448@srmist.edu.in	BME01	Wearable devices	Dr. M. Dhanalakshmi	dhanalakshmim@ssn.edu.in
2	KAVYA J S	SASTRA Deemed University	ECE	II year UG	126004127@sastra.ac.in	BME02	Biophotonics and Medical Devices	Dr.S.Allwyn	allwyns@ssn.edu.in
3	ADITHISRI VISHWANATH	College of Engineering Guindy, Anna University	BME	II year UG	adithisri2104@gail.com	BME03	Medical Image analysis	Dr.K.Nirmala	nirmalak@ssn.edu.in
4	S Nihaal	Chennai Institute of Technology	BME	II year UG	nihhaals.bme2022@citchennai.net	BME04	Development of Splints using Fusion 360	Dr Vijay Jeyakumar	vijayj@ssn.edu.in
5	Sanjith T	Chennai Institute of Technology	BME	III year UG	sanjitht.bme2021@citchennai.net	BME05	Development of Medical Tuning fork	Dr Vijay Jeyakumar	vijayj@ssn.edu.in
6	Vidhya shree V	Sri sairam engineering College	ECE	II year UG	vidhyashreevaithi@gmail.com	BME06	Biomedical data analytics	Dr.B.Geethanjali	geethanjali@ssn.edu.in
7	Jagan.S	Anna University, CEG	BIOMEDICAL	II year PG	jaganselvam018@gmail.com	BME07	Design and Development of Rehabilitation Device	Dr Nithya R	nithyar@ssn.edu.in
8	Harinandan K	Amrita Viswa Vidyapeetham	Electronics and Computer	III year UG	hndank@gmail.com	BME08	DIAGNOSIS OF BILIARY ATRESIA BY SPECTROSCOPIC ANALYSIS OF STOOL AND URINE SAMPLE: A FEASIBILITY STUDY	Dr.S.Allwyn	allwyns@ssn.edu.in
9	G.A.Jayaashri	College of engineering	BME	II year UG	jayaashrigunaseelan@gmail.com	BME09	Medical device design	Dr L. Suganthi	suganthil@ssn.edu.in
10	Priyadharshini S	SASTRA Deemed University	ECE	II year UG	126004207@sastra.ac.in	BME10	Sensor Design for health care	Dr. N. Venkateswaran	venkateswarann@ssn.edu.in

Department of Computer Science and Engineering

S.No	Name of the Student	Institution	Department of the Student	Year of Study	email id of the student	Project Choice	Project Title	Name of the Mentor	email id of the mentor
1	MAHENDRA KUMAR REDDY KAKARLA	JNTUA college of engineering kalikiri	CSE	III Year UG	mahireddy.kakarla.123@gmail.com	CSE01	Face Recognition in Challenging Environments	Ms. Nilu R Salim	nilurs@ssn.edu.in
2	Julien Bizieux	Icam/Rajagiri	IT/Energy/Managment	IV year UG	julien@bizieux.com	CSE02	Multi-Modal Gesture recognition	Dr. Bhuvana J	bhuvanaj@ssn.edu.in
3	John Abishek Jaisingh P	Anna University regional campus, Tirunelveli	ECE	III year UG	johnambrose469@gmail.com	CSE03	Abnormal even detection from Video, Medicinal plant detection and localisation	Dr. T. T. Mirnalinee	MirnalineeTT@ssn.edu.in
4	A V Ritwik	Puducherry Technological University	CSE	III year UG	ritwik24spm@gmail.com	CSE04	Automatic question generator and summarizer using NLP	Dr. B. Bharathi	bharathib@ssn.edu.in
5	Priyadarshini S	University College of Engineering Tiruchirappalli - bit campus	CSE	III year UG	dharshii7z@gmail.com	CSE05	Detecting AI-Generated Text from Human-Written Content	Dr. B. Bharathi	bharathib@ssn.edu.in
6	EZHILAN R	NATIONAL INSTITUTE OF TECHNOLOGY PUDUCHERRY	EEE AND MINOR IN AI AND IOT	III year UG	ezhil3609@gmail.com	CSE06	Multimodal Social Media Data Analysis in Tamil	Dr. B. Bharathi	bharathib@ssn.edu.in
7	BALAJI R R	Thiagarajar college	MSc., Computer Science	I year PG	rrbalajirajan22@gmail.com	CSE07	Semantic Segmentation for Road Scene Analysis	Dr. P. Mirunalini	miruna@ssn.edu.in
8	Jayavishnu R	University College of Engineering - BIT Campus	CSE	III year UG	jayavishnu.r14@gmail.com	CSE08	Analysis of EEG signals for emotion recognition	Dr. S. Kavitha	kavithas@ssn.edu.in
9	ANJURU LAKSHMI SRAVANTHI	JNTU College of engineering kalikiri	CSE	III year UG	lakshmisravanthianjuru@gmail.com	CSE09	Multi-label Hate Speech Classification	Dr. M. Saritha	sarithamadhesh@ssn.edu.in
10	AKANKSHA SAHNI	Indian Institute Of Technology Roorkee , Uttarakhand	Economics- humanities and social sciences	II year UG	akanksha_s@hs.iitr.ac.in	CSE10	Weather data analysis and recommendations using explainable AI	Dr. S. Rajalakshmi	rajalakshmis@ssn.edu.in

11	NITHISH M	CENTRAL UNIVERSITY OF TAMILNADU	CSE	I year PG	nithishxcutn@gmail.com	CSE11	Fake content detection in images and text	Dr. S. Rajalakshmi	rajalakshmis@ssn.edu.in
12	G.Sumanth	jntua college of engineering, kalikiri	CSE	III year UG	godarisumanth1543@gmail.com	CSE12	Multimodal context-aware summarization of educational content	Dr. B. Prabavathy	prabavathyb@ssn.edu.in
13	BHAVANI MEENA K	CENTRAL UNIVERSITY OF TAMILNADU	CSE	I year PG	bhavan2505@gmail.com	CSE13	Universal Design Language	Dr. S. Angel Deborah	AngeldeborahS@ssn.edu.in

**Department of Information Technology**

S.No	Name of the Student	Institution	Department of the Student	Year of Study	email id of the student	Project Choice	Project Title	Name of the Mentor	email id of the mentor
1	SATHISH KUMAR M	Anjali Ammaal Mahalingam Engineering College	IT	III year UG	sathishkumartech3@gmail.com	IT01	Automated Stroke Rehabilitation	Dr.V.Arulkumar	arulkumarv@ssn.edu.in
2	A.ANNI PETRICIA	Gnanamani College of Technology	AIDS	III year UG	anniepetricia266@gmail.com	IT02	Explainable AI for Healthcare Decision Support Systems	Dr. S. Karthika	skarthika@ssn.edu.in
3	RENTALA RAJESWARI	Jntua College of Engineering Kalikiri	CSE	III year UG	rajeswari62004@gmail.com	IT03	Application development for recording and classifying motion	Dr. S. Karthika	skarthika@ssn.edu.in
4	SAMYUKTHA C S	St.Joseph'S College of Engineering	AIDS	III year UG	samyuktha0312@gmail.com	IT04	Educational chatbot development using LLM	Dr. S. Karthika	skarthika@ssn.edu.in
5	ARULMOZHI	Velammal Institute of Technology	IT	III year UG	arulmozhinedunchezhiann006@gmail.com	IT05	Predict Species from Images	Dr. K.R.Uthayan	uthayankr@ssn.edu.in
6	JANANI S	Madras Institute of Technology - Anna University, Chennai	IT	II year UG	janukogu@gmail.com	IT06	Voice Conversion	Dr. P. Vasuki	VasukiP@ssn.edu.in
7	NAVEEN K	Aamec	IT	III year UG	naveenkannan178@gmail.com	IT07	Design, development and Acoustic Analysis of normal and Lombard speech Tamil Corpus	Dr. S. Uma Maheswari	umamaheswaris@ssn.edu.in
8	SRI VIGNESH S	Thiagarajar College of Engineering	IT	II year UG	itzmesreetce@gmail.com	IT08	Mobile Controlled Automation	Dr. V. Sivamurugan	sivamuruganv@ssn.edu.in
9	JOB AOUSHADAN N	Jerusalem College of Engineering	CSE	III year UG	jobaoushadan@gmail.com	IT09	Alternative Communication for People with Progressive Neuromuscular Disease like Muscular Dystrophy	Dr. J. K. Josephine Julina	josephinejulinajk@ssn.edu.in
10	K M VASUDEV	Sri Sairam Engineering College	IT	II year UG	kmvasudev100@gmail.com	IT10	Innovative Water Sustainability Approaches for Rice Farming Resilient to Climate Change	Dr. I. Joe Louis Paul	joelouisi@ssn.edu.in
11	JAYASHRI SHWETHA R	Sri Sairam Engineering College	IT	II year UG	jayashrishwethar2004@gmail.com	IT11	Predicting CO2 Emission from Traffic Vehicles: A Deep Learning Approach	Dr. I. Joe Louis Paul	joelouisi@ssn.edu.in

Department of Electronics and Communication Engineering

S.No	Name of the Student	Institution	Department of the Student	Year of Study	email id of the student	Project Choice	Project Title	Name of the Mentor	email id of the mentor
1	SAHANA V N	SRI SAIRAM ENGINEERING COLLEGE	ECE	II year UG	vnsahana2004@gmail.com	ECE01	Lightweigh Cryptographic algorithms for IOT security applications	Dr. K. J. Jegadish Kumar	jegadishkj@ssn.edu.in
2	Moulik Tammana	Amrita School of Engineering	ECE	III year UG	mouliktammana@gmail.com	ECE02	Water Quality Monitoring System	Dr.A. Jawahar	jawahara@ssn.edu.in
3	SADU ASWATHY	JNTUA COLLEGE OF ENGINEERING KALIKIRI	ECE	III year UG	aswathysadu2003@gmail.com	ECE03	Forewarning of Goat diseases diagnosis using IoT to improve the productivity and economy of small and big farming	Dr.A. Jawahar	jawahara@ssn.edu.in
4	DEEPIKA M	JNTUA COLLEGE OF ENGINEERING KALIKIRI	ECE	III year UG	deepikamodem1011@gmail.com	ECE04	Multi-stream fusion network for Image Enhancement Techniques	Dr. C. Vinoth Kumar	vinothkumarc@ssn.edu.in
5	M.sanjay krishnakanth	Kalasalingam academy of research and education	B-Tech ECE	II year UG	9922005342@klu.ac.in	ECE05	Battery health prognostics for EV applications	Dr. M. Anbuselvi	anbuselvim@ssn.edu.in
6	Arya S	Karunya institute of technology and science	ECE	III year UG	aryasatheesh54@gmail.com	ECE06	Passive RFID tag design and development	Dr B Sakthi Abirami	sakthiabiramib@ssn.edu.in
7	Padmanathan R	Chennai Institute Of technology	ECE	I year UG	padmanathanr.ece2023@citchennai.net	ECE07	Embedded Vision based Decision Support System for Smart Agriculture	Dr. S. Aasha Nandhini	aashanandhinis@ssn.edu.in
8	GOWTHAM S	CHENNAI INSTITUTE OF TECHNOLOGY	ECE	I year UG	sgowtham10b@gmail.com	ECE08	Edge computing for fall detection applications using AI	Dr. S. Aasha Nandhini	aashanandhinis@ssn.edu.in
9	Charumathy C	SRM VALLIAMMAI ENGINEERING COLLEGE	ECE	III year UG	charumathychandrarakar69@gmail.com	ECE09	Navigation analysis of Underwater Remotely Operatable vehicle (ROV)	Dr.S.Sakthivel Murugan	sakthivels@ssn.edu.in
10	B DineshKumar	Mother Teresa institute of engineering and technology	ECE	III year UG	singlesince2002@gmail.com	ECE10	Analysis of underwater hybrid Energy harvesting System	Dr.S.Sakthivel Murugan	sakthivels@ssn.edu.in

11	Aniket Holsumbre	Amrita School Engineering (Amritapuri)	ECE	III year UG	aniketholsumbre2002@gmail.com	ECE11	Underwater Image restoration using ML /DL	Dr.S.Sakthivel Murugan	sakthivels@ssn.edu.in
12	K Bharath	SRM Institute of Science and Technology	Computer Science and Engineering	I year UG	bk2509@srmist.edu.in	ECE12	Tesing of an Audio signal in Underwater test tank	Dr.S.Sakthivel Murugan	sakthivels@ssn.edu.in
13	Varsha M	St. Joseph's Institute of Technology	ECE	III year UG	varsha310104@gmail.com	ECE13	Design and implementation of FinFET based analog circuit using CADENCE tool	G. Durga	durgag@ssn.edu.in
14	Barath Kumar .M	Pondicherry Technological University (PTU)	ECE	III year UG	barathkumar.9790@ptuniv.edu.in	ECE14	Design and implementation of FinFET based digital circuit using CADENCE tool	G. Durga	durgag@ssn.edu.in
15	Purushothaman.M	Anna University regional campus, Tirunelveli	ECE	III year UG	puro74790@gmail.com	ECE15	VLSI implementations of encryption technique to mitigate side-channel attacks	Kaythry P	kaythryp@ssn.edu.in
16	Barath Kumar.M	Pondicherry Technological University (PTU)	ECE	III year UG	barathkumar.9790@ptuniv.edu.in	ECE16	Improving the security with Quantum techniques (QKD or PQC )	P.Kaythry	kaythryp@ssn.edu.in
17	SACHIN D	VELAMMAL ENGINEERING COLLEGE	EEE	III year UG	sachintpet@gmail.com	ECE17	Pipeline architecture design for Lightweight cryptographic algorithms	P.Kaythry	kaythryp@ssn.edu.in
18	Jayavishnu R	University College of Engineering - BIT Campus	CSE	III year UG	jayavishnu.r14@gmail.com	ECE18	Deep Learning-based Cryptanalysis of Lightweight Block Ciphers.	P.Kaythry	kaythryp@ssn.edu.in
19	Sanchit V Hebbare	Dayananda Sagar University	Ece	III year UG	sanchitv1432@gmail.com	ECE19	FPGA implementation of polar encoder	P.Kaythry	kaythryp@ssn.edu.in
20	ARAVIND E	SRI SAI RAM ENGINEERING COLLEGE	ECE	III year UG	sec21ec052@sairamtp.edu.in	ECE20	Sensor enabled assistive system	Dr. M. Anbuselvi	anbuselvim@ssn.edu.in
21	JAYASRI.K	SRM VALLIAMMAI ENGINEERING COLLEGE	ECE	III year UG	jayasri051223@gmail.com	ECE21	Image Transmission in LoRA enabled Wireless Sensor Network	Dr. R. Hemalatha	hemalathar@ssn.edu.in
22	PADI JNANADEEP REDDY	Indian Institute of Information Technology, Design and Manufacturing, Kancheepuram	ECE	I year UG	ec23i1006@iiitdm.ac.in	ECE22	Surveillance system using On-Device ML models	Dr. R. Hemalatha	hemalathar@ssn.edu.in
23	Charan Velavan	St. Joseph's College of Engineering, OMR, Chennai -	ECE	III year UG	aranvelavan12@gmail.com	ECE23	Dual-mode fractal bandpass filter design for wireless applications	S. Karthie	karthies@ssn.edu.in
24	Ananthi S	Dr. Mahalingam College of Engineering and Technology (MCET), Coimbatore - Pollachi.	ECE	I year UG	727623bec025@mcet.in	ECE24	Development of speaker identification system	Dr. P. Vijayalakshmi	vijayalakshmi@ssn.edu.in

25	Mohan P	Sri Sairam Engineering College	ECE	II year UG	mohanpandi010@gmail.com	ECE26	Image encryption using circle index	Dr. R. Amutha	amuthar@ssn.edu.in
26	AKASH.A	sri sairam engineering college	ECE	II year UG	sec22ec096@sairamta.p.edu.in	ECE27	Activity recognition using deep learning	Dr. R. Amutha	amuthar@ssn.edu.in
27	SANTHOSH B	sri sairam engineering college	ECE	II year UG	vbsanthosh2004@gmail.com	ECE28	Independent living using deep learning	Dr. R. Amutha	amuthar@ssn.edu.in
28	K.Jayasri	SRM Valliammai Engineering College	ECE	III year UG	jsri05122003@gmail.com	ECE29	App Development - Learning Tool	Dr. R. Amutha	amuthar@ssn.edu.in
29	Senthil Srinivasa Manikandan M	Sri Sairam Engineering college chennai	ECE	II year UG	Senthilsrinivasamanikandan28@gmail.com	ECE30	Image Security	Dr. R. Amutha	amuthar@ssn.edu.in
30	Giridharan R	Anna University Regional Campus Tirunelveli	ECE	III year UG	rgiridharanrg143@gmail.com	ECE31	Point of Care Testing for Environmental Monitoring	Dr. K. Muthumeenakshi	muthumeenakshik@ssn.edu.in
31	Maheswaran C	Sri Ramakrishna Engineering College	EI	II year UG	maheswaran.2206028@srec.ac.in	ECE32	Machine Learning for Sensor Data Analysis	Dr. K. Muthumeenakshi	muthumeenakshik@ssn.edu.in
32	Niranjana Devy SJ	Sairam Institutions	ECE	III year UG	sec21ec102@sairamta.p.edu.in	ECE33	Nanosensor development for water quality monitoring	Dr. K. Muthumeenakshi	muthumeenakshik@ssn.edu.in
33	Divyadharshini BM	Amrita Vishwa Vidyapeetham	ECE	III year UG	bmdivyadharshini@gmail.com	ECE34	Deep Learning for medical image analysis	Dr. K. Muthumeenakshi	muthumeenakshik@ssn.edu.in
34	Saranya P	Sri Sairam Engineering College	B Tech CSBS	II year UG	saranyaap27@gmail.com	ECE35	Development of speech enabled command and control system	Dr. P. Vijayalakshmi	vijayalakshmi@ssn.edu.in
35	BALASRINIVAS C S	SEI SAIRAM ENGINEERING COLLEGE	ECE	II year UG	Balasinivas1109@gmail.com	ECE36	Conformal antennas and sensors	Dr B Sakthi Abirami	sakthiabirami@ssn.edu.in
36	Karunya sree.Y	SEI SAIRAM ENGINEERING COLLEGE	ECE	II year UG	arunyasree.y@gmail.com	ECE37	Non-contact based Respiratory rate measurement from Depth images	Dr. C. Vinoth Kumar	vinothkumarc@ssn.edu.in
37	Hridhay A	VIT Chennai	CSE	III year UG	hridhay.a2021@vitstudent.ac.in	ECE38	Control of arm in ROV	Dr.S.Sakthivel Murugan	sakthivels@ssn.edu.in



**Department of Mechanical Engineering**

S.No	Name of the Student	Institution	Department of the Student	Year of Study	email id of the student	Project Choice	Project Title	Name of the Mentor	email id of the mentor
1	Kavin M	College of Engineering Guindy	Mechanical Engineering	II year UG	itzkavin07@gmail.com	MECH01	Investigation on tribo corrosion behavior of 3D printed superalloys	Dr. S.A.Srinivasan	srinivasansa@ssn.edu.in
2	K Shricharan	Shiv Nadar University, Delhi	Mechanical Engineering	II year UG	shricharaniyengar@gmail.com	MECH02	Finite element analysis of machining process	Dr KS Vijay Sekar	vijaysekarks@ssn.edu.in
3	Hemanth sivaganesh.S.P	Amrita school of Engineering-Chennai	Mechanical Engineering	II year UG	hemanthsivaganesh.sp@gmail.com	MECH03	Investigation on creep testing of magnesium alloy fabricated by Wire Arc Metal Additive Manufacturing	Dr R Rajeswari	rajeswarir@ssn.edu.in
4	A.SHAIK DAWOOD GANI	VELAMMAL INSTITUTE OF TECHNOLOGY	MECHANICAL	III year UG	shaikdanwar@gmail.com	MECH04	ELECTROCHEMICAL CHARACTERISATION OF TERNARY ELECTROCATALYST FOR GREEN HYDROGEN PRODUCTION	Dr. S.A.Srinivasan	srinivasansa@ssn.edu.in
5	SODISETTY VIVEK RISHI	HINDUSTAN INSTITUTE OF TECHNOLOGY AND SCIENCE	Aeronautical	III year UG	sodisettyvivekrishi@gmail.com	MECH05	Introduction to Computational Fluid Dynamics	Dr. T. Micha Premkumar	michapremkumart@ssn.edu.in
6	Kireet Yagnik	National Institute of Technology Arunachal Pradesh	Mechanical Engineering	III year UG	kireet.me.21@nitap.ac.in	MECH06	Development of Wall climber robot	Dr. Satheesh Kumar Gopal	satheeshkumarg@ssn.edu.in
7	Siva Aswika	SASTRA Deemed University	Aerospace engineering	II year UG	sivaaswika1234@gmail.com	MECH07	Failure investigation of Gas turbine disc using Extended Finite Element Method (XFEM)	Dr S Suresh Kumar	sureshkumars@ssn.edu.in

Department of Chemical Engineering

S.No	Name of the Student	Institution	Department of the Student	Year of Study	email id of the student	Project Choice	Project Title	Name of the Mentor	email id of the mentor
4	Sowmiya T	P.S.R.Engineering College, Sivakasi	Biotechnology	III year UG	21bt022sowmiya@gmail.com	CE03	Nanoparticles for Enhanced CO <sub>2</sub> Capture in Amine-Ionic Liquid Solution	Dr.J. Dhanalakshmi	dhanalakshmi@ssn.edu.in
1	M. PRADEEP	The American College	Chemistry	I year PG	mpradeep2203@gmail.com	CE04	Life cycle assessment studies for biocrude production from Algal biomass using HTL.	Dr.V. Jaikumar	jaikumarv@ssn.edu.in
2	S JANANI	GNANAMANI COLLEGE OF TECHNOLOGY	BIOTECHNOLOGY	II year UG	jananisiva14105@gmail.com	CE05	Exploring the Antidiabetic activity of the herbal formulation	Dr.V.Jaikumar	jaikumarv@ssn.edu.in
3	Sourav Pattanaik	National Institute of Science Education and Research (NISER)	School of Biological Sciences	III year UG	sourav.pattanaik@niser.ac.in	CE06	Invitro studies on antidiabetic activity of the Siddha drug	Dr.V.Jaikumar	jaikumarv@ssn.edu.in
5	K.VIDHYAVARSHINI	SRI VENKATESWARA COLLEGE OF ENGINEERING	CHEMICAL	III year UG	2021ch0488@svce.ac.in	CE10	Comparison of heat transfer rate in a jacketed vessel using conventional coolant and nanocoolant	Dr. B. Chitra	chitrab@ssn.edu.in
6	M. SELVI	Arul Anandar College	Chemistry	I year PG	selvimanigandan10@gmail.com	CE11	Synthesis of nickel or cobalt oxide/carbon nanocomposite via in-situ hydrothermal carbonization and their electrocatalytic applications	Dr. B. Chitra	chitrab@ssn.edu.in
7	Priyatharshini X	Arul Anandar college (autonomous )	Chemistry	I year PG	23che517@aactni.edu.in	CE12	Solvothermal synthesis of silver/nitrogen doped zinc oxide nanoparticles for the photodegradation of azo dyes	Dr. B. Chitra	chitrab@ssn.edu.in
8	R SARAN KUMAR	Arul Anandar College	Chemistry	I year PG	sarankumar030107@gmail.com	CE13	Solvent free synthesis of carbon encapsulated manganese doped cobalt oxide for hydrogen evolution reactions	Dr. B. Chitra	chitrab@ssn.edu.in
9	ABINESH N	Arul Anandar College	Chemistry	I year PG	23che501@aactni.edu.in	CE14	Enhancement of visible light induced hydrogen generation on tin oxide loaded palladium based bimetallic photocatalyst	Dr. B. Chitra	chitrab@ssn.edu.in

11	Maha Aruna A	SASTRA Deemed University	Biotechnology	III year UG	125010196@sastra.ac.in	CE15	Understanding the Interactions of mesenchymal stem cells and breast cancer cells	Dr. Nalinkanth V. Ghone	nalinkanthv@ssn.edu.in
12	Aasiyah Tanveer Ahamed	B.S Abdur Rahman Crescent Institute of Science and Technology	Biotechnology	III year UG	aasiyah91939@gmail.com	CE16	Synthesis of Metal oxide-nanoclay composites	Dr. Nalinkanth V. Ghone	nalinkanthv@ssn.edu.in
10	Sharmila P	Thiyagarajar college, Madurai	Chemistry	I year PG	sharmijayashree1427@gmail.com	CE19	Synthesis of metal nanoparticles for biodiesel production	Dr.K.Sathish Kumar	sathishkumark@ssn.edu.in
13	Rasika P	P.S.R.Engineering College, sivaksi	Biotechnology	III year UG	rasikaponirul003@gmail.com	CE20	Nanoparticle Synthesis and its Characterization	Dr.J. Dhanalakshmi	dhanalakshmij@ssn.edu.in

**Department of English**

S.No	Name of the Student	Institution	Department of the Student	Year of Study	email id of the student	Project Choice	Project Title	Name of the Mentor	email id of the mentor
1	K S Vaisiga	M.O.P. Vaishnav College For Women	B.A. Journalism	I year UG	iamvaisiga@gmail.com	ENG01	Understanding the Impact of AI on Writing for enhanced workplace communication	Dr. C. Vijaya Bhaskar	vijayabhaskarc@ssn.edu.in

**Department of Mathematics**

S.No	Name of the Student	Institution	Department of the Student	Year of Study	email id of the student	Project Choice	Project Title	Name of the Mentor	email id of the mentor
1	Aditi V	Mount Carmel College	Mathematics	I year PG	aditiv2000@gmail.com	MATH01	A Study on various graph parameters and their applications	Dr. R. Sundareswaran	sundareswaranr@ssn.edu.in
2	Asvitha R	Thiagarajar college of engineering	MSc, Applied Mathematics and Computational Science	II year PG	asvitha@student.tce.edu	MATH02	Multi-Criteria Decision making using Neutrosophic Theory	Dr. M. Shanmugapriya	shanmugapriyam@ssn.edu.in
3	Adabala Durgaprasad	SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY	MECHATRONICS	III year UG	adabaladurgaprasad2000@gmail.com	MATH03	Random Sampling, Signal Reconstruction	Dr. S. Yugesh	yugeshs@ssn.edu.in
4	Janani ER	Hindustan institute of technology and science	CSE	II year UG	22112230@student.hindustanuniv.ac.in	MATH04	Burning Number of Certain Interconnection Networks and its applications in Social Networks	T. M. Rajalaxmi	r.rajalaxmitm@ssn.edu.in
5	Deepa V	G.Venkataswamy Naidu College, Kovilpatti, Thoothukudi (District)	PG Mathematics	I year PG	palrajdeepa193@gmail.com	MATH05	Soft Graphs and their Applications	Dr. Praba B	prabab@ssn.edu.in

6	Mahalakshmi M	G.Venkataswamy Naidu College, Kovilpatti, Thoothukudi (District)	PG Mathematics	I year PG	mahalakshmi.murugan531@gmail.com	MATH06	Neutrosopic Graphs and their Applications	Dr.Praba B	prabab@ssn.edu.in
7	Abisha Titini T	MADURAI KAMARAJ UNIVERSITY	Mathematics	I year PG	abishatitni@gmail.com	MATH07	Time series analysis -precious metals	Dr. B. Sivakumar	sivakumarb@ssn.edu.in
8	Vasundhara K	Pondicherry University	Physics	II year PG	daravasun@gmail.com	MATH08	ANALYSIS OF STOCHASTIC QUEUEING SYSTEMS	Dr.S.Vanitha	vanithas@ssn.edu.in
9	S Karankumar	Madurai Kamaraj University	Mathematics	I year PG	karankumar23112002@gmail.com	MATH09	Application of Fluid Queuing Systems in Cloud Storage	Dr. S. Sophia	sophias@ssn.edu.in
10	A.Angalapriya	G.venkataswamy Naidu college, Kovilpatti	Mathematics	I year PG	angalapriya2292002@gmail.com	MATH11	Some Topological Indices of Graphs and Digraphs	Dr. S. Sampath Kumar	sampathkumars@ssn.edu.in
11	Kavipriya k	KSR college of arts and science for women, tiruchengode	M.sc mathematics	I year PG	kavipriyakesavaraj16@gmail.com	MATH12	Graph Domination and its Application in NoC	Dr. M. Sundarakannan	sundarakannanm@ssn.edu.in

Department of Physics

S.No	Name of the Student	Institution	Department of the Student	Year of Study	email id of the student	Project Choice	Project Title	Name of the Mentor	email id of the mentor
1	R. ASWINISRI	Kamban College of Arts and Science for Women	PHYSICS	I year PG	ashwinisriraja@gmail.com	PHY01	The effect of substitution of Mn and Zn in CdTe: A theoretical analysis of its physical characteristics	Dr.P.Rajesh	rajeshp@ssn.edu.in
2	D.DEEPIKA	Kamban College of Arts and Science for Women	PHYSICS	I year PG	deepikadeepika8114@gmail.com	PHY02	Correlation between excitation wavelength in PL and cutoff wavelength in NIR spectroscopy of CdTe and its related ternary alloys: An experimental approach	Dr.P.Rajesh	rajeshp@ssn.edu.in
3	R ESWARI	Kamban College of Arts and Science for Women	PHYSICS	I year PG	eswarir67@gmail.com	PHY03	Spectroscopic investigations on nanocomposites	Dr. Julie Charles	juliecharles@ssn.edu.in
4	Haripriya.S	Kamban College of Arts and Science for Women	PHYSICS	I year PG	haripriyahaipriya3961@gmail.com	PHY04	Optical properties of polymer nanocomposites	Dr. Julie Charles	juliecharles@ssn.edu.in
5	Kumaran Aadhirai Azhagan S	Hindustan Institute Of Technology And Science	B.Tech Aerospace	II year UG	skumaran2694@gmail.com	PHY05	Development of Silicon ingot via DS process for fabrication Solar cells, Thermoelectric materials for Space Applications	Dr.M. Srinivasan	srinivasanm@ssn.edu.in
6	PRAVEEN JOSHWA R	THE AMERICAN COLLEGE	PHYSICS	II year PG	praveenjoshwa2002@gmail.com	PHY06	Topological and Electron density analysis of Piperazine	Dr.P.Rajesh	rajeshp@ssn.edu.in
7	P.Kaviya	Kamban College of Arts and Science for Women	PHYSICS	I year PG	pkaviyapalani6369@gmail.com	PHY07	X ray Derived Experimental Charge Density Distribution in CdTe Crystals	Dr.P.Rajesh	rajeshp@ssn.edu.in
8	SUDHARSAN S	BHARATHIAR UNIVERSITY	Nanoscience and Technology	I year PG	sudharsansrinivasan8073@gmail.com	PHY08	Fabrication of perovskite and dye sensitised solar cells	Dr.Govindaraj R	govindarajr@ssn.edu.in
9	K. Kokilavani	Kamban College of Arts and Science for Women	PHYSICS	I year PG	Kokilavanikulanthaivel@gmail.com	PHY09	Effect of magnetic minerals in agriculture soils	Dr.A.Chandrasekaran	chandrasekarana@ssn.edu.in

10	V. Madhubala	Kamban College of Arts and Science for Women	PHYSICS	I year PG	devengat1979@gmail.com	PHY10	Study about the committed effective dose and cancer risk in tuber crops	Dr.A.Chandrasekaran	chandrasekarana@ssn.edu.in
11	A.REHANA	Kamban College of Arts and Science for Women	PHYSICS	I year PG	kkabrehana940@gmail.com	PHY11	Heavy mineral assessment of river sand for industrial applications	Dr.A.Chandrasekaran	chandrasekarana@ssn.edu.in
12	K. Rohini	Kamban College of Arts and Science for Women	PHYSICS	I year PG	rohinik311221@gmail.com	PHY12	GROWTH OF ORGANIC SINGLE CRYSTALS FOR NLO APPLICATIONS	Dr.P.Nagapandiselvi	nagapandiselvip@ssn.edu.in
13	C. SANTHANALAKSHMI	Kamban College of Arts and Science for Women	PHYSICS	I year PG	santhanalakshmi2808@gmail.com	PHY13	GROWTH OF SEMI-ORGANIC SINGLE CRYSTALS FOR NLO APPLICATIONS	Dr.P.Nagapandiselvi	nagapandiselvip@ssn.edu.in
14	S.Savitha	Kamban College of Arts and Science for Women	PHYSICS	I year PG	savithasankar05@gmail.com	PHY14	Luminescence properties of certain lanthanide ion doped vanadate phosphor for light applications	Dr. S. MASILLA MOSES KENNEDY	kennedysmm@ssn.edu.in
15	A. SOUNDARYA	Kamban College of Arts and Science for Women	PHYSICS	I year PG	soundarya. tn25@gmail.com	PHY15	Synthesis and luminescence characteristics of rare earth doped phosphate phosphors	Dr. S. MASILLA MOSES KENNEDY	kennedysmm@ssn.edu.in
16	Nishad S	Bharathiar University	Nanoscience and Technology	I year PG	nishadnishadn20@gmail.com	PHY16	Wastewater treatment using photocatalytic method	Dr.P.Nagapandiselvi	nagapandiselvip@ssn.edu.in
17	JAIRUS JULIAN RAJ J	Madras christian college	Physics	I year PG	2301712072020@mcc.edu.in	PHY18	Unidirectional Growth of Rare Earth added Phosphate crystals	Dr.P.Rajesh	rajeshp@ssn.edu.in
18	S. SUBHIKSHA	Kamban College of Arts and Science for Women	PHYSICS	I year PG	subhikshasasikumar97@gmail.com	PHY19	Study of phase transition in Glycine phosphate through the measurement of electrical resistivity	Dr. S. Singaravadivelu	singarams@ssn.edu.in
19	J.LATHAMANI	Kamban College of Arts and Science for Women	PHYSICS	I year PG	jlathamani7@gmail.com	PHY20	Growth and characterization of ferroelectric crystals	Dr. S. Singaravadivelu	singarams@ssn.edu.in
20	ANJANAA SREE T K	THIAGARAJAR COLLEGE OF ENGINEERING, MADURAI	MECH	I year UG	anjanaa@student.tce.edu	PHY21	Thermoelectric materials for Space Applications	Dr.M. Srinivasan	srinivasanm@ssn.edu.in
21	Gopika Hari K	National Institute Of Technology Calicut	Physics	I year PG	gopikaharik@gmail.com	PHY22	Fabrication of dye sensitized solar cells	Dr.Govindaraj R	govindarajr@ssn.edu.in

Department of Chemistry

S.No	Name of the Student	Institution	Department of the Student	Year of Study	email id of the student	Project Choice	Project Title	Name of the Mentor	email id of the mentor
1	Asha Grace A	PSG College of Arts and Science, Coimbatore	Chemistry	I year PG	ashagrathambi@gmail.com	CHEM01	Conversion of plastic waste into valuable monomers and chemicals by chemical recycling process	Dr. A. Murugesan	murugesana@ssn.edu.in
2	CYRIL RAJ A	LOYOLA COLLEGE, CHENNAI	CHEMISTRY	I year PG	Institutional ID : 23pch032@loyolacollege.edu Personal ID : cyrilraj008@gmail.com	CHEM02	Synthesis, characterization and Properties of high-performance polymers for wastewater treatment and material applications	Dr. A. Murugesan	murugesana@ssn.edu.in
3	Keerthana	Lady doak college	Chemistry	I year PG	keerthanathirupathi2001@gmail.com	CHEM03	Temperature sensors based on upconversion luminescence of rare earth doped nanocrystals	Dr. V. Tamilmani	tamilmaniv@ssn.edu.in
4	K.DHANALAKSHMI	Theivanai ammal college for women	Chemistry	I year PG	deepidhanam69@gmail.com	CHEM04	Synthesis of useful Tetralones	S.I.Davis Presley	davispresleysi@ssn.edu.in
5	Boazrajan porchezhiyan	University of madras	Biochemistry	I year PG	boazrajan01@gmail.com	CHEM05	Probable Interaction of Protein Z Dependent Protease Inhibitor with Plasma Pre-kallikrein as Revealed by Phylogenetic Analyses	Dr Tanusree Sengupta	tanusrees@ssn.edu.in



SSN Research Centre

S.No	Name of the Student	Institution	Department of the Student	Year of Study	email id of the student	Project Choice	Project Title	Name of the Mentor	email id of the mentor
1	H. Mubilash	University of Madras	National Centre for Nanoscience and Nanotechnology	First year	mubikuttan3@gmail.com	RC1	Development of high performance asymmetric supercapacitors based on 2D layered FeMoSe <sub>2</sub> hybrid electrodes	Dr. M. Senthil Pandian	senthilpandianm@ssn.edu.in
2	S Arun Prakash	University of Madras	National Centre for Nanoscience and Nanotechnology	First year	arunpraksiva03@gmail.com	RC2	Fabrication of triple mesoscopic perovskite solar cell using screen printing	Dr. M. Senthil Pandian	senthilpandianm@ssn.edu.in
3	D Sathyaseelan	University of Madras	National Centre for Nanoscience and Nanotechnology	First year	sathyaseelan3002@gmail.com	RC3	Optimization of HNA etching process using machine learning for photovoltaic applications	Dr. M. Senthil Pandian	senthilpandianm@ssn.edu.in

Department of Civil Engineering

S.No	Name of the Student	Institution	Department of the Student	Year of Study	email id of the student	Project Choice	Project Title	Name of the Mentor	email id of the mentor
1	Trephosa M	SRM Valliammai Engineering College	Civil Engineering	I year PG	trephosamanoharan@gmail.com	CIVIL01	Predict the behaviour of concrete using Image processing techniques	Dr.P.Sangeetha	sangeethap@ssn.edu.in
2	Sagar sajjed	Presidency university	Civil engineering	III year UG	Sagarsajjed@gmail.com	CIVIL02	Treatment of Leather waste water through electrochemical process	Dr. Aswin Sriram G	aswinsriramg@ssn.edu.in
3	S.Ganesh Raja	Ramco institute of technology	Civil engineering	III year UG	ganeshraja2706@gmail.com	CIVIL03	Stabilisation of dredged soil with agro-wastes	Dr.Sivapriya S.V	sivapriyasv@ssn.edu.in
4	Asha N P	College of Engineering Guindy - Anna University	ME, Hydrology & Water Resources Engineering, Civil Engineering	I year PG	ashahaice@gmail.com	CIVIL04	Flood Modeling through geospatial techniques	Dr.Surendar Natarajan	surendarn@ssn.edu.in
5	SANTHIYA R	College of Engineering, Guindy	ME, Hydrology & Water Resources Engineering, Civil Engineering Department	I year PG	vallisanthiya02@gmail.com	CIVIL05	Groundwater Modeling	Dr.Surendar Natarajan	surendarn@ssn.edu.in
6	MANIKANDAN M	Ramco institute of technology	Civil Engineering	III year UG	953621103024@ritrjpm.ac.in	CIVIL06	Forecasting the strength of fiber reinforced concrete employing sophisticated deep learning methodologies.	Dr.P.Sangeetha	sangeethap@ssn.edu.in
7	Aathi Laxmi.M	Ramco institute of technology	Civil Engineering	III year UG	953621103003@ritrjpm.ac.in	CIVIL07	Assessing the durability of fiber reinforced concrete through Advanced deep learning Techniques.	Dr.P.Sangeetha	sangeethap@ssn.edu.in
8	GEETHANJALI E	College of Engineering, Guindy	ME, Hydrology & Water Resources Engineering, Civil Engineering Department	I year PG	geethuelango2608@gmail.com	CIVIL08	Estimation of Infiltration rate through vadose zones using thermal sensors	Dr.Srinath R	srinathr@ssn.edu.in
9	Arul saverian esu Vinu.v	SRM Valliammai engineering college	Civil Engineering	I year PG	arulvino111@gmail.com	CIVIL09	Analytical behaviour of Cold-formed steel structures using FEA	Dr.P.Sangeetha	sangeethap@ssn.edu.in