

SWARNAKSHARA

A Newsletter of

SWARNANDHRA COLLEGE OF ENGINEERING & TECHNOLOGY (AUTONOMOUS)

Accredited by NAAC with 'A' Grade

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Editorial

Dear readers

Education is a powerful instrument of Human Resource Development. The rapid growth of advanced technology in diverse fields demands the change in engineering education, which hones the skills of the student to face the challenges of advanced society. Therefore, renewal of the syllabi of courses is mandatory in technical education. In this connection, as per AICTE new guidelines, Board of Studies meetings in various departments and Academic council conventions were held to implement R19 outcome based and choice based curriculum as per university, AICTE and APSCHE guidelines. The growth and existence of an institution is recognized by improvement of quality and evaluative parameters like certification by national and international agencies. In this process Swarnandhra College of Engineering and Technology underwent autonomous renewal inspection in 2020. Graduation Ceremony is a defining moment in every graduate's life. Besides giving, a huge boost to self-esteem, confidence, it depicts learners' desire and determination in achieving their aim. Swarnandhra College of Engineering and Technology celebrated Graduation Day for its Autonomous Batch on 27th July 2019. The Chief Guest Prof. S. Srinivasa Kumar, Vice Chancellor, JNTUA, Ananthapur issued the certificates to the technocrats.

To encourage the creative ideas of the emerging engineers, to evaluate and reward the talent of professional students, Swarnandhra organized a two day National Tech Utsav Utkar 2020 from 2nd Feb- 1st March 2020 and Meckhathan 2K20' a Technical Fest in the campus on 7th Feb 2020. Besides imparting quality technical education to the students the management of SCET has its own place in turning its students as ideal citizens.

A healthy mind lives in healthy body. Sports help for mental and physical development. Sports offer a value-added proposition to every curriculum area; such as challenging critical thinking skills, decision making, moral reasoning, teamwork, leadership, patience, discipline, learning from failure, Sportive ness. Scet motivates its pupils to participate in National and International Tournament. Swarnandhra feels proud of its students as they hone not only technical skills but also excel in Extracurricular Activities. It is manifested by the students by winning B Zone Cricket Match held at ID -Kalasala - Kakinada and qualifying in Central Zone Tournament at Visakhapatnam.

The concept of education for sustainable development should be integrated into the concept of transformation in higher education institutions. Therefore, there is an urgent need to enhance sustain ability in the curricula and implement collaborative approaches both as a topic and as a field of education research. It was further found that reflections of the academics on students' own values are crucial for developing the transformative potential of students as agents of sustainable future. In this connection, Swarnandhra College of Engineering and Technology co-organizes an International Conference on "Innovative Education for sustainable Development" in Bangkok, Thail and along with Auropath Society, Puduchery.

To Bridge the gap between the industry requirements and the current academic content and make a single large platform to give exposure to multiple forms of engineering like Mechanical, Electronics, Electrical and Computer Science Engineering, robotics lab was inaugurated in the premises.

Besides providing technical education, SCET strives to turn its technocrats sensible by celebrating Teachers' Day, Engineers' Day, Mathematics Day and Independence Day in the campus. To bring awareness about the latest trends in technology and to encourage the hands on approaches among the girl students, Women IT ROCK programme was conducted in the premises. Eminent persons Sri Siriginidi Rajya Lakshmi, A.P Women Commissioner and K.Vasundhara, senior advocate addressed the girl students and focused on issues such as societal pressure on women and their limited career choices in India.

A healthy mind lives in a healthy body. Sports are vigorous physical activities which develops the overall personality of an individual. SCET motivates its Pupils to participate in National and International Tournaments by sponsoring district level sports such as Eendau Sports League.

NSS unit SCET of our college organized various events like: blood grouping camp, recycling of paper, Mass plantation etc.

We express our profound gratitude to the Management, the Principal and all the faculty members who have extended their support in releasing this issue of "Swarnakshra." We eagerly anticipate your suggestions and queries. Please do meet us at 'Swarnakshra' @rediffmail.com.

- Dr. Zehrabi



DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING (CREATORS OF CREATIONS – ASSOCIATION OF ECE)

Vision

- To impart quality technical education for Electronics and Communication Engineering Professionals by enriching technical knowledge to cater the needs of industry and society.

Mission

- To facilitate the graduates in acquiring technical exposure to create innovative ideas through state of the art curriculum and conducive learning environment.
- To provide individual attention and build the character through quality technical education.
- To improve the professional skills of the rural students to fulfill the present industry and society requirements.

New Trends in Technology

Electric vehicles are one part of the fourth industrial revolution, which is fuelled by the radical transition towards innovation. As a result, these advances have the potential to create new market segments and career opportunities, but they also run the risk of making certain positions completely obsolete.



In 2020, Bentley committed to cutting out fossil fuel cars from their product portfolio by 2030. After that, any Bentley that leaves the factory will be entirely electric, emitting no carbon dioxide. Moreover, Volkswagen, the world's largest automaker, is now investing heavily in electric vehicle production. In addition, several other well-known automakers, such as Honda, Audi, and Jaguar, have pledged to go hybrid by 2030.

Workshops/Conferences Attended By Faculty

Faculty Name	Designation	No. of workshops/Webinars, FDP's attended in online
Dr.K.Balamurugan	Professor	30
Dr. A. ANTO SPIRITUS KINGSLEY	Professor	30
Dr.N.K.Devi	Professor	25
J E N Abhilash	Assoc.Prof	25
I V Ravikumar	Asst.Prof	20
N V Ratnakishor Gade	Asst.Prof	10
M.Premchand	Asst.Prof	30
D.Sekhar	Assoc.Prof	20
Ch K L Rao	Assoc.Prof	40
G B Christina	Assoc.Prof	20
V Satya Kishore	Asst.Prof	20
M Radha Rani	Assoc.Prof	20
E.Suma	Asst.Prof	20
B.Pavani	Asst.Prof	25
N.S.N.Murthy	Asst.Prof	3

Faculty Achievements

- Dr.N.K.Devi registered for patent on the topic "A Smart Iris Based Document Monitoring System For Secured File Communication".

Department Activities

Department conducted the online webinar programs.

Student placements

131 students were Placed in various companies such as Tata Consultancy Services (NQT),Capgemini Technology Services India Limited,Wipro Limited,Machint Solutions Private Limited, Toll Plus India Pvt. Ltd.,Mind tree Limited,Infosys Limited,Savantis Solutions LLC, Sasken Technologies Ltd.

Papers Published By Faculty

Faculty Name	Designation	Published under	No. of Publications	Volume /Date
Dr.Boyina Subrahmanyeswara Rao	Professor	Applied soft computing	1	1568-4946 July,2020
Dr.K.Balamurugan	Professor	International Journal of Advanced Science and Technology	1	2005-4238,2207-6360
Dr. A. Anto Spiritus Kingsly	Professor	IJSREM	2	2382-3930 June 2020
S. Srilali	Assoc.Professor	Material Today Proceedings	3	22147853 Sep 2020
Dr.N.Kopperundeivi,	Professor	Design Engineering	1	14053195, 25219766 March,2021
B. Pavani	Asst. Professor	Design Engineering	1	0011-9342 March,2021

Academic Toppers:

ODD SEM



Ch. Teja Sahithi
19A21A04D518A
III Sem 8.81 SGPA



M. Satya Sri
21A0481 17A
V Sem10 SGPA



P. Rajeswari
21A21A04D1
VII Sem 10 SGPA



P. Amrutha Sai
17A21A0406
VII Sem 10 SGPA



I.V.S. Naga Satish
19A21A04F1
IV Sem 9.17 SGPA



J. Pujitha Surekha
18A21A0449
VISem 9.83 SGPA



P. Amrutha Sai
17A21A0406
VIII Sem 9.82 SGPA

Alumni's Voice:



My sincere appreciation & gratitude to the Management, ECE Department staff and Training & Placement Department of Swarnandhra College of Engineering and Technology for their efforts in imparting quality training for placement. I am very grateful to them for effectively and sincerely helping me to grab my first ever opportunity in Infosys

Name : Yamana Monica(2016-2020)
Systems Engineer,
Company : Infosys, Hyderabad

Student's Voice:



I feel very happy to be a student of Swarnandhra. I got an opportunity to work for Vyshnavi Information Technologies. Thanks a lot to Swarnandhra Management for providing training sessions from time to time in the college.

Priyanka
17A21A0467
VII SEM



It is a pleasure to present the news letter, SWARNAKSHRA between the year 2019-2020. This news letter highlights the achievements of the college in the academic year 2019-2020.

As the Principal of this Institution, it is determined to maintain high academic standards and excellence in the field of Technical Education. The way our faculty teachers and the way our students learn is unique and creative. We are continuously striving to improve the quality of our programs by finding new ways of structuring our curriculum and exploring new delivery methods.

A number of paradigm shifts have been seen in the post-covid pandemic era of present educational scenario. The most distinct one is a shift from face to face to online mode of teaching-learning. As a result of this, new set of challenges and problems in the form of digital knowledge and skills have emerged for ensuring smooth and effective transactions of teaching-learning processes. In addition to content and pedagogical knowledge, technical knowledge also forms the basis for online teaching. Thus the competencies and skills of integration and application of technology by intelligent use of digital tools become imperative and significant for all teachers and students to thrive in the current educational context.

Keeping this in view, we are conducting online classes for the students to enhance the digital knowledge and skills associated with teaching and learning work. The students and faculty are guided to familiarize with various digital apps, tools and software for teaching and learning, besides insight in the process of various digital tools for developing digital skills and competencies for teaching and learning.

We have conducted online workshops, seminars, FDP for faculty, which emphasizes the aspects of teaching effectively which are explored with in the changing dynamics of educational environment. Our faculty also attended National, International online workshops, seminars for the process of using various digital tools.

I congratulate all the faculty and students, who achieved excellent and outstanding performance in the academic work.

I complement the editorial team on their sincere efforts and hard work to present this newsletter

VISION To produce Global competent, ethical and dynamic professionals by creating Centre of Excellence in Technical Education for societal empowerment.

- MISSION**
- To Provide quality education with knowledge and skills for rural and urban students.
 - To Collaborate the industries with academia for empowering the students to meet global standards.
 - To induce highly ethical entrepreneurship in young minds with good leadership quality for the society.
 - To enhance the institution in Research and Development by human intellectual capability.



DEPARTMENT OF CIVIL ENGINEERING

BUILDING THE FUTURE, TODAY

Vision

- To make the students strong in both technical and practical aspects to meet the national and international requirements

Mission

- To facilitate the graduates in acquiring technical exposure to create innovative ideas through state of the art curriculum and conducive learning environment.
- To provide quality education for successful career and higher studies in Civil Engineering that emphasizes academic and technical excellence in profession and research, effective communication, team work and leadership to meet the challenges of the society.
- To improve the professional skills of the rural students to fulfill the present industry and society requirements.

New trends



Smart Building and Connected Homes
Smarter buildings equate to better lighting control, better energy efficiency, and proper air-conditioning control. Just like the computer servers are connected in a network to form the internet, solar-powered homes will build an interconnected cell-powered system, thus generating and managing power and energy more efficiently. Soon, we will start to see more applications of analytics in

residential and commercial buildings. This way, we will get real-time insights into the amount of traffic and behavior of visitors, allowing the smart building to make adjustments to its features. That could include turning off lights where there are no people, adjusting temperatures, closing shutters for the facades facing the sun, or opening lanes for the car park exits instead of just one when everyone is leaving the office for home.

Workshops/Seminars Attended by Faculty

Faculty name	Name	Organized by
Dr.M.S.V.K. Prasad	Two Week Online Workshop on "Comprehensive e-Learning to e-Training guide for Administrative Work" from May 25 – June 05, 2020	Teaching Learning Centre, Ramanujan College University of Delhi.
D. Satish	One Week National Online Workshop "Learning Management System & E-Content Development Tools" from 1st July to 8th July 2020	Hindusthan College of Arts and Science, Coimbatore, Tamilnadu

FDPs Attended by Faculty

Faculty name	Name	Organized by
Dr.M.S.V.K. Prasad	One Week Faculty Development Programme on "Open Source Tools for Research" from June 08 - June 14, 2020	Teaching Learning Centre, Ramanujan College University of Delhi.
D. Satish	5 days FDP on ICT based Teaching and Learning Process	RCP, Roorke from 1st to 5th July 2020.

Faculty Achievements

- Dr.M.S.V.K. Prasad elected as affiliate member for American Society of Civil Engineers (ASCE)-USA.

Student Focus Academic Toppers



Y. Devika Sai
18A25A0117, VII Sem
SGPA: 8.36



J.Sai Teja
18A21A0111, V Sem
SGPA: 9.26



D.Sai Ganesh
20A25A0102, III sem
SGPA: 9.24

Department Activities

- A three day on-line industrial oriented FDP from 11-06-2020 to 13-06-2020 was conducted.
- A webinar on "Perspectives on differences between Problem Solving Approaches: Academia Vs Industry" on 22-06-2020 was conducted.
- A webinar on "Civil Engineering : Education, Industry and Academic interaction challenges in post Covid Scenario" on August 20th 2020 was conducted.
- A webinar on "Opportunities and Benefits of ASCE and other Professional Societies for Civil Engineering students for Professional Growth" on 3rd February 2021 was conducted.



Internships

20 students of final year have gone through internship at NHAI-PIU Rajahmundry division (kathipudi-kakinada) with a stipend.



Placements

8 Students of final year are placed in TCS, HCL, Fisson Labs etc.

Alumni's Voice



I feel fortunate to be a part of Swarnandra College of Engineering and Technology as I acquired good knowledge by the support of faculty which helped me to get a job in Irrigation Department.

A. Mani Varma (2016-20)

Student's Voice



I feel proud to be a part of Swarnandra College of Engineering and Technology. I am thankful to the management, for providing opportunity which makes me to face interviews

D. Ajay Kumar



Vision

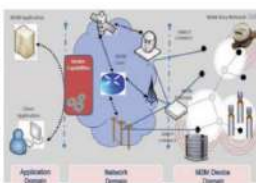
- To educate and enrich effective and responsible Mechanical Engineers to fulfill the needs of industry and society.

Mission

- To lay a strong foundation of technical knowledge by concentrating on fundamental concepts of Mechanical Engineering.
- To develop creative thinking and innovative methods for solving complex engineering problems.
- To develop team spirit, leadership and professional qualities.
- To strengthen research abilities in collaboration with industry.

New Trends

Machine to Machine (M2M) is a direct communication between devices using any communications channel, including wired and wireless. Machine to Machine communication can include interconnection industrial instrumentation, enabling a sensor or meter to communicate the information. It records (such as temperature, inventory level, etc.) to application software that can use it (for example, adjusting an industrial process based on temperature or placing orders to replenish inventory). Such communication was originally accomplished by having a remote network of machines relay information back to a central hub for analysis, which would then be rerouted into a system like a personal computer.



Papers published by Faculty

S.No	Name Of the Faculty	Journals Details	Paper Title	ISSN / Publish ed year
1	Dr R Sanjeev Kumar Dr G Robert Singh	Test Engineering and Management Vol 83 p3080-3088	Hybrid Artificial Immune System Algorithm for SDST Flow Shop Scheduling with Due Date	ISSN: 0193-4120 March 2020
2	P Satyanarayana Raju, Dr. A Gopichand, Ch. Harish Kumar	International Journal of Engineering Trends and Technology Special Issue p15-18	Design and Optimization of Sandwich Pipe for Deep Water Applications	ISSN: 2231-5381 MAY 2020
3	Dr. Francis Luther King Dr.G.Robert Singh	Waffen-Und Kostumkunde Journal Volume XI, Issue VI p61-72	Moisture Absorption and Biodegradation of Poly Lactic Acid Hybrid Composites	0042-9945 JUNE 2020
4	Dr. Francis Luther King Dr.G.Robert Singh, Dr. R. Sanjeev Kumar	International Journal of Engineering Trends and Technology (IJETT) Volume 68 Issue 6 p13-21	Hardness and Surface Scratch Resistance of Basalt/Bagasse fibre Reinforced Poly Lactic Acid Polymer Composites	2231-5381 JUNE 2020
5	Dr. R. LalithaNarayana, B. Srinivas, V. John Bunyan, N. BulliRaju	International Journal of Mechanical and Production Engineering Research and Development (IJMPERD) Vol. 10, Issue 3, 9913-9922	Effect of Fin Height on Performance of Passive Solar Still in Indian Coastal Conditions	ISSN(P) : 2249-6890; ISSN(E) : 2249-8001 Jun 2020
6	Dr. R. LalithaNarayana, V. John Bunyan, N. BulliRaju	International Journal of Mechanical and Production Engineering Research and Development (IJMPERD) Vol. 10, Issue 3, 10031-10038	Experimental Investigation of Friction Welding on Similar Al Plate and Tube	ISSN(P) : 2249-6890; ISSN(E) : 2249-8001 Jun 2020
7	Dr.G.Robert Singh, Dr. R. Sanjeev Kumar	Materials Research Express Volume 7, Number 10 6512	Tensile and compression behavior, microstructural characterization on Mg-3Zn-3Sn-0.7Mn alloy reinforced with SiCp prepared through powder metallurgy method	2053-1591 OCT 2020
8	M. Francis Luther King	Engineering Failure Analysis (Elsevier)	Failure analysis of Shackle Bracket in Airbus suspension under dynamic loading conditions	1350-6307 Nov 2020

Workshops/FDP Attended by Faculty

S.No	NAME	Program Description	Start date	End date	Organised By
1	Dr. A.Gopichand B.Srinivas G.Veerendra Kumar N.BulliRaju M.Saravanan J. NareshBabu	Recent Advances In Material Science	08-07-2020	10-07-2020	St.Joseph'sInstitute of Technology
2	Dr.A.GopiChand	Outcome Based Education : A Step Towards Excellence	11-05-2020	15-05-2020	Government College Of Engineering Karad
3	Dr. R. LalithaNarayana B.Srinivas B. Mahesh Krishna	Disruptive Technologies In Mechanical Engineering	08-06-2020	13-06-2020	SREENIDHI Educational Group
4	Dr. R. Sanjeev Kumar B.Srinivas G.Veerendra Kumar M.Saravanan P.Sathish	Emerging Research Areas In Engineering	05-06-2020	09-06-2020	SRM Institute Of Science And Technology
5	Dr.R. LalithaNarayana Dr.G.Robert Singh Dr. Francis Luther King B Mahesh Krishna	Emerging Areas In Manufacturing	25-05-2020	30-05-2020	VIMAL Jyothi Engineering College
6	M.Saravanan G Veerendra Kumar Dr.R.Sanjeev Kumar B.Srinivas	Emerging Technologies In Mechanical Engineering	26-05-2020	30-05-2020	VEMU Institute of Technology
7	Dr. R. LalithaNarayana Dr. Francis Luther King B.Srinivas M.Saravanan	Material For Thermal And Renewable Energy Research	20-05-2020	24-05-2020	SAI RAM Institute of Technology
8	V.John Bunyan N.BulliRaju CH.Harishkumar G Veerendra Kumar J.NareshBabu B.Srinivas P.S.N.Raju	NAAC Awareness Programme For Faculty	08-05-2020	14-05-2020	MarathwadaMitramandal's Institute of Technology



CGPA: 9.13

Students' Focus Academic Toppers



IV SEM Poliseti Ramesh Naidu 19A25A0338 SGPA : 9.87
 V SEM Dhavileswarapu Sai Kumar 19A25A0306 SGPA: 9.74
 VI SEM Guduri D P S Hari Raju 18A25A0312 SGPA: 9.23
 MrsAshaJyothi Dept Topper (2016-2020) 17A25A0310 CGPA: 9.13

Students' Achievements

- L GunaManikanta and S SatyaJagadish 2016-20 Batch students Participated in BFKT held in Kari Motors Speedway Coimbatore and achieved 3rd place in acceleration. They stood in top 6 in GOKART race.
- N Ganesh Mani kumar and T SyamPhani Krishna 2016-20 Batch participated in Indian pro-carting competition held in Raghu Engineering College, Visakhapatnam and got 1st place in acceleration and stood in top 3 in GO-KART race.
- S pavanManikantaEswarkumar and KiranBabu 2016-2020 Batch students participated in Asian E-Bike Challenge held in Raghu Engineering College, Visakhapatnam. They got Beast Logo award and stand in top 5 in E-BIKE race.

Placements

114 students got selected in various companies like TCS, Tata Strive, Full Houzz Pvt. Ltd, and Wabco India limited.

Important Events in the Department

S.NO	EVENT NAME	EVENT	DATE	RESOURCE PERSON
1	CSWIP 3.0 - TWI	Training	15.06.2020 to 18.06.2020	Mr. Santosh Kumar Bingi from TWI, Chennai.
2	Design Now Workshop - Fusion 360	Training	11.11.2020 to 16.02.2021	Mr. Kranthi Kumar P from ICT Academy, Chennai
3	Dassault 3d Experience	Training	26.12.2020 to 31.12.2020 &	Mr. Randhir Kumar Yadhav from APSSDC/Dassault Systems



Training on "CWSIP 3.0-TWI" from 15th to 18th JUNE 2020 by Mr. Santosh Kumar Bingi from TWI, Chennai



Work Shop on FUSION 360 From 11-11 TO 16-02 by Mr. Kranthi Kumar P from ICT Academy, Chennai



Students participated in Asian E bike challenge held in Raghu Engineering college, Visakhapatnam, they got Beast logo award and stood in top 5 in race.

Alumni's Voice:

I am very glad to tell that my knowledge has been enriched due to my association with our department and my technical skills are improved by attending industrial visits and workshops conducted during our study. I am grateful to entire faculty for guiding me in all aspects.

Rajasekhar Bandaru
 15A21A0349(2005 to 2009)
 Asst. Manager in TATA Sikorsky Aerospace Ltd.

Student's Voice:



Swarnandhra College of Engineering and Technology has good infrastructure and friendly environment, where students excel with knowledge. All the faculty are cooperative. Different training programs/ workshops in collaboration with industries/industry experts are regularly conducted by the department and it is very well equipped with computational facilities and resources both in terms of hardware and software having more than 180 computing systems and workstations loaded with wide range of software products covering all areas of Mechanical Engineering. Dassault System Lab is associated with APSSDC. This college not only imparts knowledge but also taught us life skills and made us socially responsible citizen. I'm grateful to the College and Mechanical faculty for their timely guidance.

Tadi Jeevan Kumar
 18A21A0345
 VIII SEM MECHANICAL

DEPARTMENT OF INFORMATION TECHNOLOGY

We Accelerate the World... We are the future of the Nation

Vision

- To be a premier centre in Information Technology education, research and a source of qualitative, innovative, successful software professionals who cater the needs of industry and society.

Mission

- To provide outcome based education through well-designed curriculum, innovative teaching, collaborative learning and industry interaction.
- To promote state-of-the-art research facilities and consultancy in the thrust areas of Information Technology.
- To impart the necessity of continuing education in order to grow proficiently in the focused areas.
- To inculcate professional behavior, leadership qualities and ethical values to serve the society.

New Trends

Several industries are involving and implementing block chain, and as the use of block chain technology increases, so does the demand for skilled professionals. From a birds eye view, a block chain developer specializes in developing and implementing architecture and solutions using block chain technology.

Faculty Focus

Patents

Name of the Faculty	Patent Name	Agency/ Country	Status
Dr.R.V.V.S.V.Prasad	Patent ML-Crowd Tracking And Notification Using IOT based Machine Learning Technology	India	Published date : 27th March 2020

Workshops/Conferences /FDPs Attended by Faculty

Faculty name	Designation	Name of Conference / workshop/ FDP	Organized by	Date
Dr.R.V.V.S.V.Prasad	Professor & HOD	1)Data Science using Python	Amrita, Nagercoil	17th to 25th June 2020
		2)Cyber Security	AICTE Academy Narasaraopeta Engineering College.	8th to 12th Feb 2021
Mr.K.Raja	Assistant Professor	Cyber Security	GMR Institute of Technology, Rajam	14th to 19th Sep 2020
Mr.Ch.Rama Krishna Raju	Assistant Professor	Cyber Security	GMR Institute of Technology , Rajam	14th to 19th Sep 2020

Students' Focus

- II, III & IV Year students participated in different online workshops, paper presentations, Quiz competitions and got prizes during the period of Covid.
- Third and final year students participated in C, Java, Sales force,

Data structures using C, Soft Skills and Python Virtual Training programs by ICT Academy, TALENTIO and APSSDC from June 2020 to May 2021 ,

- Students participated in Covid Awareness Camp on 27th August 2021.



Covid awareness camp

Academic Toppers



Ch G NBHAVANI
17A21A1207
VIII Sem
CGPA: 9.13



Y S SAI PRIYA
18A21A1232
VI Sem
CGPA: 9.55



D ANJALI
19A21A1216
IV Sem
CGPA: 8.96

Placements

30 Students of final year have been placed in various MNC companies like Infosys, Wipro, TCS, Accenture, HCL, Capgemini and Syntel etc.

Department Activities

- A three day webinar on Python in Data Processing was conducted from 11th to 13th May 2020.
- A Five day Webinar on Artificial Intelligence & Machine Learning was conducted from 18th to 22nd Nov 2020.
- A three day webinar on Internet of Things was conducted from 23rd to 25th Feb 2021.

Alumni's Voice



As an IT student, IT provides a wide arena of the field and thus I get to learn something new with every subject. The entire study environment makes it easy for a student to learn and inculcate the spirit to stand out amongst the talented and hard-working students.

KajaManikanta(2015-19), Software Engineer, TCS

Student's Voice



I am very proud as a student of IT. Our College provides not only high quality education but also implements student centered teaching learning programs to its students. Apart from academics, it strives to enhance communication skills of the students by conducting workshops and industrial exposures.

20A21A1252, R.L.V.Ganesh, IV Sem.



DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

POWERING THE FUTURE. REBUILDING THE WORLD.....



Vision

- To be a leader in developing creative and entrepreneurial engineers and thereby, leading the development in Electrical Engineering & Technology of our new state and then our country.

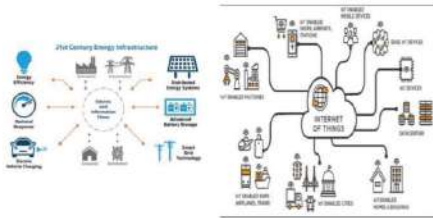
Mission

- M1: Promoting graduates to discover, disseminate, apply knowledge related to the broad aspects of Electrical Engineering through innovative pedagogic methods centered on Learning-to-Learn (L2L) principles.
- M2: Providing Graduates to develop their skills and seek knowledge after graduation by adopting advanced technology.
- M3: Equipping our students to adapt themselves to global needs while upholding professional ethics and to contribute their might in transforming India into a world leader.
- M4: To be a Center of Excellence in preparing the students in developing research, entrepreneurial and employability capabilities.

New Trends

The Internet of Things (IOT):

IoT impacts many different areas of the electrical engineering landscape. From smart grids to smart lighting and Visible Light Communication (VLC), among many others, IoT is now intertwined with the electrical engineering industry. As a result, it's now imperative that every electrical engineer becomes "IoT literate." Apart from the smart grid benefits like monitoring, distribution and automation implemented in electrical utilities, IoT applications in the field of electrical energy also include smart inverters, advanced metering infrastructure (AMI), remote control operation of energy-consuming devices and SCADA (supervisory control and data acquisition.)



Faculty Focus:

Workshops Attended By Faculty :

S No	NAME	Program Description	Start date	End date	Organised By
1	Dr J. Mahil	Three days Online Optimization Technology Workshop	06-05-202	09-05-2020	Rest Society for Research International, India
2	Mr A. Satyanarayana	Electromagnetic and Thermal Simulations of PMSM (IPM) Motor	07-05-2020	07-05-2020	ALTAIR
3	Mr A. Satyanarayana	Auto Quiz 2020 Series-1	13-05-2020	13-05-2020	SRM Chennai
4	Mr A. Satyanarayana	Wind Energy System Challenges	19-05-2020	19-05-2020	SRM Chennai
5	Ms K.K.D. Bhavani	Advancements in Electrical Engineering: An Academic and Industrial Approach	03-08-2020	07-08-2020	NIT Silchar
6	Mr Madhu Valavala	Energy Management in Electrical and Thermal Utilities	17-10-2020	17-10-2020	VIT Chennai
7	Mr Madhu Valavala	Online Laboratory Classes	04-09-2020	04-09-2020	VIT Chennai

8	Mr A. Satyanarayana	Power Electronics Application in Smart Grid and Electric Vehicle	3-08-2020	7-08-2020	Sri Ramakrishna Engineering College, Coimbatore
9	Mr Madhu Valavala	Recent Trends and Challenges in Smart Grid Technology	17-08-2020	20-08-2020	Sri Ramakrishna Engineering College
10	K.K.D. Bhavani	Electric vehicles: Challenges and Opportunities	24-08-2020	29-08-2020	AICTE
11	Mr Madhu Valavala	Innovative Smart Grid Technologies	02-09-2020	04-09-2020	SSN College of Engg, Tamilnadu
12	Mr Madhu Valavala	Application of soft computing techniques to renewable energy systems	07-09-2020	12-09-2020	Government College of Technology, Tamilnadu
13	Mr Madhu Valavala	Recent Trends in Renewable Energy Systems and Their Control	14-09-2020	18-09-2020	B.R. Ambedkar National Institute of Technology, Punjab
14	Mr Madhu Valavala	Stability Analysis, Protection and Control of Microgrid	25-09-2020	28-09-2020	B.R. Ambedkar National Institute of Technology, Punjab
15	Mr Madhu Valavala	Electric Cars Technologies and Modern Power system	12-10-2020	17-10-2020	Kamaraj College of Engineering and Technology, Tamilnadu
16	Mr Madhu Valavala	Modern Optimization tools in Engineering Field-II	19-10-202	24-10-2022	SRM Valliammai Engineering College, Tamilnadu
17	Mr Madhu Valavala	Industrial Automation and Control	08-2-2021	13-02-2021	AICTE
18	Mr Madhu Valavala	Solar Energy Technologies and Applications	21-09-2020	25-09-2020	ATAL, AICTE
19	Mr A. Satyanarayana	Digital Teaching Techniques	29-06-2020	04-07-2020	ICT Academy
20	Mr P. Yanna Reddy	Renewable Energy Technologies, Integration to the Power grid and E-Vehicle	28-05-2020	01-06-2020	Sairam Institute of Technology, Tamilnadu
21	Ms K.K.D. Bhavani	Technological Advances in Power Switching Converters for Renewable Energy Sources and Fuel cell Technology for E-vehicles	01-06-2020	05-06-2020	Bapatla Engineering College- A.P
22	Mrs N. Lavanya	Emerging Research Areas in Engineering	05-06-2020	09-06-2020	SRM Institute of Technology, Tamilnadu
	Mr P. Yanna Reddy				
23	Mr A. Satyanarayana	Recent Trends in Electrical Engineering	8-6-2020	12-06-2020	Vishnu Institute of Technology, A.P.



Papers Published in Journals/ Conferences By Faculty:

S. No	Name Of the Faculty	Journals Details	Paper Title	ISSN / Published year
1	Dr J Mahil	International Journal of Test Engineering & Management	Assist devices for heart and pulmonary inflammatory patients use real time wireless network systems	March 2020
2	Dr C Sivapragash	International Journal of Test Engineering & Management,	An energy efficient routing in smartgrid wirelss sensor networks based on HSA-MPSO Algorithm	March 2020
3	Dr J Mahil	International Journal of Scientific research in Engineering & Management	Comparative performance analysis of dual input single ended primary inductor converter with PID & Fuzzy Logic Controller	June 2020
6	Mr A Satyanarayana	National Conference on Recent Technologies in Engineering & Basic Sciences-2020	Power Quality Enhancement of UPQC Connected WECS using FFA with RNN	16-07-2020
	Mr Ch Madan Mohan			
7	Mr A Satyanarayana, Mr Ch Madan Dr J Mahil	International Journal of Scientific research in Engineering & Management	A new Control algorithm for UPQC for PQ improvement	August 2020
8	Mr Madhu Valavala	International Conference on Machine Learning & Data Analytics for Business Decision Making	Modelling & Control of a multiport converter based EV charging station with PV and battery	ISBN: 978-93-5473-449-6 on 05-03-2021 & 06-03-2021.
9	Dr J Mahil	International Conference on Machine Learning & Data Analytics for Business Decision Making	Machine learning based classifiers for brain tumor diagnosis from MRI images	ISBN: 978-93-5473-449-6 on 05-03-2021 & 06-03-2021.
10	Dr J Mahil	International Conference on Machine Learning & Data Analytics for Business Decision Making	Power Quality Improvement in grid tied PV System using APF Filter	ISBN: 978-93-5473-449-6 on 05-03-2021 & 06-03-2021.
11	Dr J Mahil	Journal of Xidian University	Computer aided diagnosis for detection of Iron deficiency anemia based on capsule endoscopy	Decemb er 2020
12	Mrs N Lavanya	International Conference on Machine Learning & Data Analytics for Business Decision Making	Reactive Power Compensation for grid connected PV system	ISBN: 978-93-5473-449-6 on 05-03-2021 & 06-03-2021.
13	Mrs U N Hymavathi Mr AVD Suresh Kumar Mr P Yanna Reddy	IJARMATE	A CCH boost DC-DC Converter for fuel cell vehicles	May 2021.

Books Published By Faculty:

- Dr J Mahil published a book titled "Detection of Autism in Infant via EEG using Optimization Algorithms" by Lambert Academic Publishing, ISBN: 978-620-3-85490-9.

Patents Published By Faculty:

- Mr Madhu Valavala has published an Indian Patent on "The IOT Based Doorbell Management System", published in the Patent Office Journal No. 15/2021 dated 09/04/2021, Page number: 18232.
- Mr Madhu Valavala has published an Australian Patent on "IOT Enabled Solar Power Monitoring System" and granted for EIGHT Years from 19- 05-2021 with patent number: 2021101848.

Department Activities

- Two Day technical fest "SPOORTHI-2K20" was organised on 10-03-2020 & 11-03-2020.
- Webinar was conducted on "Silicon Carbide Power Devices for Renewable Energy Systems" by Dr. R Seyezhai, Associate Professor, SSN College of Engineering on 26-05-2020.
- A Technical Quiz was conducted on "Power Electronics" on 14-06-2020.
- Webinar was organised on "Yours Research fully in Covid-19 Period" by Dr.Christo Ananth, Professor, St. Mother Teresa Engineering College on 27-06-2020.
- A Technical Quiz was conducted on "Power Systems" on 05-08-2020.
- One day Poster Presentation Competition was conducted with a theme of "Green Energy" held on 12-03-2021.

Students' Focus

38 Students have been undergone Internships in various organizations

Academic Toppers:



VII Sem
S V K N Manikanta
18A25A0233
CGPA:8.94



V Sem
J Vivek
19A25A0213
CGPA:8.83



III Sem
D Praveen
20A25A0209
CGPA: 9.70



VIII Sem
S V K N Manikanta
18A25A0233
CGPA:8.94



VI Sem
J Vivek
19A25A0213
CGPA:8.91



IV Sem
D Praveen
20A25A0209
CGPA: 9.27

Placements

54 students were placed in various companies such as Wipro, TCS, Machint Solutions etc

Alumni's Voice



First of all, I want want to thank my beloved Professors and the Management for supporting me to complete my graduation successfully. Swarnandhra College of Engineering is one of the milestones in my life and I am always indebted to it. I feel Proud to be a Swarnandhrian
K. Sushmitha (17A21A0210), Tech Mahindra, Hyderabad

Student's Voice



I am very happy to be a student of SCET. I thank Swarnandhra Management for providing healthy environment for learning various aspects from time to time in college.

III Year Student B. Bala Sravani (18A21A0202)



Vision

- To empower Computer Science Engineers as technologically adept, innovative, self-motivated and socially responsible professionals by providing multi-dimensional education.

Mission

- To lay a strong foundation of programming knowledge by concentrating on fundamental concepts of Computer Science and Engineering.
- To develop flair for logical thinking and innovative methods to produce software solutions.
- To strengthen employability and entrepreneurship skills.
- To produce socially responsible software professionals with ethical values.

New Trends

Artificial Intelligence is the use of "computers and machines to mimic the problem-solving and decision-making capabilities of the human mind." Artificial intelligence (AI), the ability of a digital computer or computer-controlled robot to perform tasks commonly associated with intelligent beings. The term is frequently applied to the project of developing systems endowed with the intellectual processes characteristic of humans, such as the ability to reason, discover meaning, generalize, or learn from past experience.



Faculty Focus

Faculty name	Designation	No of publications	Published under	Volume/Issue/date
Dr.B.Rama Krishna	Professor	1	IJIREM	V10/ I-07 ISSN: 2456-5083/ 2020
Dr.S.Sureshkumar	Principal	1	IJNAA	V6/ I-3/ISSN: 2008-6822/2020
Mr.K.Dileep Kumar	Asst. professor	1	Kala Sarovar (UGC Care Group-1 Journal)	V07/I-12/ ISSN 0975-4520 / 2021

PATENTS

Name of the Faculty	Patent Name	Patent No	Agency/ Country	Status
Dr.S.Suresh Kumar & Mr.K.Prabhakar	A Smart Iris Based Document Monitoring System For Secured File Communication	202041025417	India	Published date :03.07.2020
Dr.S.Suresh Kumar Dr.P.Vamsi Krishna Raja Dr.B.Rama Krishna Mr.P.SrinivasaRao	Artificial Intelligence approach to Healthcare monitoring system using Internet of Things	202141006202	India	Published date : 26.02.2021

Workshops/Seminars/FDPs

Faculty name	Designation	Name of Conference / workshop/FDP	Organized by	Date
Dr.P.Srinivasulu	Professor & HOD	Digital Teaching Techniques	ICT academy	29 th June to 4 th July 2020.
Dr.B.Rama Krishna	Professor	Digital Technology in Education	AdikaviNannayya University	11 th &12 th Nov 2020
Mr.S.UmaMaheswara Rao	Assoc. Professor	Recent Trends In Research Methodology	BIET college, penmada	19 th to 25 th May 2020
Mrs.K.V.Nageswari	Assistant professor	IOT	CMR Technical campus	4 th to 8 th May 2020
Mr.M.LakshmiNarayana	Assoc. Professor	1)ICT Tools	Sri Vidyankethan EnggCollege, Tirupathi	11 th to 16 th May 2020.
		2)Latex Technology	Anand International College of Engg,Jaipur	19 th to 23 rd May 2020.
All the faculty Of department	Professors, Associate professors, Assistant professors	1)Cyber Security 2)Python programming 3)Start your own Startups using Software and Social Network	SwarnandhraC college of Engg&Tech	15 th &16 th May 2020 1 st to 8 th June 2020 8 th to 10 th June 2020

Students' Focus

- Final year students completed AWS global certification in cloud practitioner in December 2020. All the merit students were awarded with Laptops from the management.



Students receiving Laptops

- II, III & IV year students participated in different online workshops, paper presentations, Quiz competitions and got prizes during the period of Covid.
- Third and final year students participated in C, Java, Sales force, Data structures using Soft skills and Python Virtual Training programs by ICT Academy,TALENTIO and APSSDC from June 2020 to May 2021.

Academic Toppers



Jigili Mary Kumar
VIII SEM
17A21A0539
CGPA:9.55



V. Mounika
VISem
18A21B0545
CGPA:9.23



Ch.Bhanu Devi
IV Sem
19A21A0580
CGPA:8.86

Placements

- 143 Students of final year have been placed in various MNC companies like Infosys, Wipro, TCS, Accenture, HCL, Capgemini and Syntel etc.

Department Activities

- FDP on A Practical Approach to Implement Data Structures using from 2nd to 21st September 2020.
- A Three week FDP on Think to Build the Logic in C Programme from 5th to 20th August 2020.
- FDP on Python Programming -A Case Study Driven Approach Skill Development Programme from 1st to 10th July 2020.
- Organized a Ten day short term program on Python Programming Case Driven Approach Skill Development Program from 1st to 10th June 2020.
- Conducted program on Start your own Startups using Software and Social Networks from 8th to 10th June 2020.

Alumni's Voice



I am proud to be a part of SCET that provided me a strong academic foundation and discipline to thrive and work harder. However, the constant effort from the teachers helped me to accelerate my overall academic achievements. The training programmes and workshops helped me to get settled in my life. The support of the faculty members not only helped me to develop academically, but also helped me to become a good human being. Thus, SCET is the perfect choice for students who are craving quality knowledge, innovation, and global exposure.

Pulagam Sai Syam Babu

Software Engineer, Machint Solutions Hyderabad

Student's Voice



Our college provides not only high quality education but also implements student centered teaching learning programs to its students. Apart from academics, it strives to enhance communication skills of the students by conducting workshops and industrial exposures. Besides providing quality education, Swarnandhra maintains good infrastructure.

Achanta Bhagya Trinadh VI Sem
19A21B0 501



MASTER OF COMPUTER APPLICATIONS

Vision

- To produce global competent, ethical and dynamic professionals by creating Centre of Excellence in Technical Education for societal empowerment.

Mission

- To provide quality education with knowledge and skills for rural and urban students.
- To collaborate the industries with academia for empowering the students to meet global standards.
- To induce highly ethical entrepreneurship in young minds with good leadership quality for the society.
- To enhance the institution in Research and Development by human intellectual capability.

New Trends

Robotic Process Automation (RPA)

Like AI and Machine Learning, Robotic Process Automation, or RPA, is another technology that is automating jobs. RPA

is the use of software to automate business processes such as interpreting applications, processing transactions, dealing with data, and even replying to emails. RPA automates repetitive tasks that people used to do.

Faculty Focus

Faculty Name	Name of Workshop/Seminar/FDP/NPTEL	Organized by
A N L Kumar	Foundational Artificial Intelligence	SSC NASCOM Foundation AI on 21.05.2020
A N L Kumar	Data Science	APSSDC and EXCEL R on 01.06.2020 to 30.06.2020
A N L Kumar	AI and Deep Learning	APSSDC and 360 Digi TMG on 01.07.2020
A N L Kumar	Hadoop from Bigdata	University on 12.04.2020
A N L Kumar	Machine Learning with Python	IBM Developer skills Network on 07.08.2020
A N L Kumar	Cyber Security	Vignan's Institute of Engineering for Women in collaboration with Supraja Technologies On 28.05.2020
V.D.Ratna Kumar	FDP on Block Chain Technology	APSSDC, Govt. of AP. 13-07-2020 to 17-07-2020
V.D.Ratna Kumar	FDP on 'Effective Research Writing using LaTeX'	Spoken Tutorial, IIT Bombay.
V.D.Ratna Kumar	AWS Cloud Computing	APSSDC with Byte XL on 22-06 2020
V.D.Ratna Kumar	Artificial Intelligence	CMR Engineering College, Hyderabad on 22.05.2020
V.D.Ratna Kumar	Angular and Business Intelligence	St. Joseph's Institute of Technology on 30th, May 2020

Papers published by Faculty

Faculty Name	Published under	Title of the paper	Volume/Date
Mr. V.D.Ratna Kumar	Sambodhi (UGC Care Journal)	Server Less Architecture with Cloud Computing for today's Digital Enterprise	Vol-43, No.-03 (IV) November-December (2020)

Department Activities

- Workshop conducted on Angular JS on 14-05-2020 to 18-05-2020.
- Orientation program for MCA students

Students' Focus



P. Satish completed Foundations of Artificial Intelligence (NASSCOM), Python for Data Science (Cognitive class IBM) courses successfully.

MCA IV Sem and V Sem students completed JAVA Script, PHP, TCS ION Certifications.

Academic Toppers



Ch G Lakshmi
III SEMESTER
9.18 SGPA



A Subhadra Devi
III SEMESTER
8.95 SGPA



P Satish
V SEMESTER
9.15 SGPA



K Kesava Rama
V SEMESTER
8.95 SGPA

Placement Achievements



Kesari Tulasi Devi
18A21F0003
Machint Solutions
Private Limited



Somu Lakshmi Raja
19A25F0017
Machint Solutions
Private Limited

Alumni's Voice

Today my professional job became very easy for me because of the programming skills, those I learnt from various training programmes. I am grateful to the management being alumni of the college.



Ms. B.Sai Pushpa,
2018-2021 Batch
IT Software Engineer,

Student's Voice

I learnt PHP programming courses through workshops conducted in the premises which helped me to work with Machine and Deep Learning. The department is always organizing good and hands on training programs to enhance the student skills, so I am very thankful to the management for conducting workshops in the campus.



G Bhagya Sri
Reg. No. 20A21F0018

TRAINING DEPARTMENT

List of Trainings and Workshops during 2019-2021

Vision

- To evolve the students of Swarnakshara with a winning personality and stunning intelligence, and to mould them into an organised and confident Professionals.

Mission

- To develop the employability skills of technical under graduates with their interpersonal attributes which are to be acquired by the learners during their training period. Training & Placement Cell is the most prestigious cell in our College and it is full-fledged with diligent and talented executives who work in tandem with distinct departments of the college and the industries to build a bridge and remove the gap between the academia and the corporate world. The cell ensures that the students of B.Tech., M.B.A., and M.C.A., are well trained in soft skills, life skills and communication skills by certified trainers from reputed organizations and prepare well before they step into the job arena.

S.No	YEAR/ BRANCH	STRENGTH	TRAINING	FROM	TO	TRAINING ORGANISATION	S.No	YEAR/ BRANCH	STRENGTH	TRAINING	FROM	TO	TRAINING ORGANISATION
1	All FINAL YEAR CRT STUDENTS	200	C, Java and Python virtual training	11-05-2020	06-06-2020	INHOUSE	14	All FINAL YEAR STUDENTS	85	Softskills virtual training	01-12-2020	10-12-2020	APSSDC – NAANDI
2	All FINAL YEAR ELIGIBLE CRT STUDENTS	311	Hexaware virtual training	08-06-2020	15-06-2020	TALENTIO	15	ALL 1 ST , 2 ND AND 3 RD YEAR STUDENTS	536	C language virtual training	09-12-2020	09-01-2021	DrNagarajuBaydeti NIT,NAGALAND
3	All FINAL YEAR CRT ELIGIBLE STUDENTS	110	TCS Codevita virtual training	16-06-2020	24-07-2020	TALENTIO	16	III, IV MECH interested students	36	3 D EXPERIENCE CATIA, DELMIA & SIMULIA	26-12-2020	31-01-2021	APSSDC & DASSAULT
4	ALL 3 rd YEAR	205	Python virtual training	01-07-2020	10-07-2020	DrNagarajuBaydeti NIT,NAGALAND	17	All FINAL YEAR STUDENTS	92	Virtual Soft skills and Python training	30-01-2021	08-02-2021	APSSDC – NAANDI
5	All FINAL YEAR CRT STUDENTS	350	Service Based Companies training virtual training	03-08-2020	05-09-2020	TALENTIO	18	All FINAL YEARMACH INT shortlisted students	63	JAVA TRAINING	1-02-2021	18-02-2021	Mr Lakshmi Narayana
6	All FINAL YEAR STUDENTS	200	Salesforce	11-08-2020	29-10-2020	ICT Academy	19	All FINAL YEAR CRT ELIGIBLE STUDENTS	250	INFOSYS training	08-02-2021	19-02-2021	TALENTIO
7	INTERMEDIATE STUDENTS	128	FREE online quiz on English, Maths, Physics, Chemistry and Computer Basics	14-08-2020	16-08-2020	INHOUSE	20	All FINAL YEARHCL shortlisted students	22	HCL interview skill training	22-02-2021	06-03-2021	TALENTIO
8	ALL 3 RD YEAR STUDENTS	500	Aptitude virtual training (2hours)	19-08-2020	28-11-2020	INHOUSE	21	All Mech, and Eee ARC registered students	18	ARC international Internship online training	24-2-2021	-	German Professor MrStarck
9	INTERMEDIATE COMPLETED STUDENTS	128	FREE virtual training on "C PROGRAMMING" for Engineering Aspirants	21-08-2020	1-09-2020	Dr V.V.S NAIDU	22	All Mech, and Eee ARC registered students	18	ARC international Internship offline training	4-3-2021	-	Mr. JEN Abhilash, ECE & Mr. B.Mahesh Krishna, Mech
10	ALL 3 rd YEAR	400	Data structures using C virtual training	02-09-2020	22-09-2020	DrNagarajuBaydeti NIT,NAGALAND	23	ALL 1 ST YEAR	500	ICT Academy virtual induction program	06-03-2021	-	ICT Academy
11	ALL 2 ND AND 3 RD YEAR AND STAFF	157	CONSUMER PROTECTION ACT 2019	06-09-2020	-	DrP.V.V.S.Murthy	24	III Eee, Cse,EEE& IT	75	Soft skills virtual training	Registered	Training to start in April	APSSDC – NAANDI
12	All FINAL YEAR CRT ELIGIBLE STUDENTS	250	TCS NQT virtual training	07-09-2020	23-10-2020	TALENTIO							
13	All FINAL YEAR TCS-NQT shortlisted students	70	TCS-NQT shortlisted students virtual training	15-11-2020	15-12-2020	LOGIK WORKS							



SCHOOL OF MANAGEMENT STUDIES

Today's Learning Tomorrow Leading

Vision

- To produce capable business leaders by imparting professional quality education who are strong in management and research skills.

Mission

- To provide quality education within an environment of continuous learning to leverage market opportunities and enhance career.
- To inculcate professional and ethical values among students to be successful managers and entrepreneurs.
- To prepare the students to meet global challenges by blending their knowledge, skills and attitudes.

New Trends

Influencer Marketing is a hybrid of old and new marketing tools. It takes the idea of celebrity endorsement and places it into a modern-day content-driven marketing campaign. The main differentiator in the case of influencer marketing is that the results of the campaign are collaborations between brands and influencers.

Workshops/Conferences/Publications by Faculty

Faculty Name	Name of Workshops/Seminars	Organized by/Published
O.V.A.M.Sridevi	One Week Online AICTE Margdarshan FDP on Art of Writing Papers and Research Methodologies	GokaRajuRangaRaju Institute of Engineering and Technology from May 07 th -13 th 2020.
M.V.Prasanthi	Webinar on IPR and IP Management for Innovation and Start Ups	Deputy Controller of Patents and Design on 15 th May 2020
M.V.Prasanthi	Five-day online FDP on Research Methodology tools & Techniques	IITLM, 18 th -22 nd May 2020
K.SaiDurga	Three-day online FDP on Recent Trends in Research Methodology	BIET, during 19 th -21 st May 2020
Ch.Praveen	Web Conference On Emerging Trends Opportunities And Challenges In Today's Practical World Of Commerce &Management	Motherhood University, Roorkee in association of Society of Scientific Research and Education (SSRE) on 30 th May 2020
M.V.Prasanthi	Webinar On Post Covid-19 Transformation In Work Culture	Ch.S.D.St.Theresa's College For Women, Eluru1-6-2020
Ch.Praveen	Webinar On Relevance Of Digital Marketing In Covid-19 Economy	MITS School of Business on 13-7-2020
Ch.Praveen	Webinar on effective usage of online platform for building careers in financial management	Bharathiar University, Arts and Science College on 15-7-2020
O.V.A.M.Sridevi	Participated & completed AICTE Training and Learning (ATAL) Academy Online FDP on Organizational Behaviour	Mizoram University Aizawl from 21-9-2020 to 25-9-2020.
Ch.Praveen	Webinar On Strategy For Managing Personal Finance Including Mutual Funds During And After Covid-19	Central University of Jharkhand in Association of Mutual Funds in India (AMFI) on 21-9-2020

Academic Toppers:



K.AshaLatha 18A21E00191 CGPA 9.30 IV Sem
 A.SaiSudha 8A21E0001 CGPA 9.00C IVSem
 P.Sai Krishna 19A21E0032 GPA 9.19IIISem
 K.Prathiba 19A21E0013 CGPAII8.74



MBA II year students visited Aparna Enterprises Ltd as a part of their Industrial Visit programme on March 2020

Department Activities

The department conducted a Webinar on Re-inventing HR in New Normal on June 12th 2020 with an objective to clarify the young minds on positive attitude for better living with various life skill.

SWARNANDHRA COLLEGE OF ENGINEERING AND TECHNOLOGY (AUTONOMOUS) Swatharampuram, Narasapur-534280
 INSTITUTE OF ENGINEERING AND TECHNOLOGY Swatharampuram, Narasapur-534280
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 For Any Queries: mbsawmwebinar@gmail.com
 Professor & HOD: Dr. T.Lokaswara Rao
 PRINCIPAL: Dr. S.Suresh Kumar
 VICE PRESIDENT: Mr. S.Kirithi Kumar
 SECRETARY: Dr. S.Ramesh Babu
 websites: www.swarnandhra.ac.in & www.swarnandhra.edu.in

Alumni's Voice

It gives me great pleasure to say with pride that I



A.Monika Rani
 Reg.No:17A21E0002

have completed my post-graduation in Business Management from Swarnandhra College of Engg. and Tech. The relationship between faculty and student is very cordial, which gave me an opportunity to excel in my area of interest. The two year period of my study is splendid and has helped me to grow better professionally & personally. I would like to thank SCET & all the faculty and staff for making me a "Better Person".

Student's Voice

I feel extremely delighted for being a part of Swarnandhra. I truly appreciate the curriculum, the faculty and placement training for my success. I was absorbed as an intern in E-Construct Design & Build Pvt Ltd, Bangalore for a period of six months and later placed in the same company as Business Development Executive with good package.



J.Yamini
 Reg.No. 18A21E0014

DEPARTMENT OF SCIENCE AND HUMANITIES

Vision

- To improve knowledge of basic sciences besides, enhancing communication skills of the students.

Mission

- To develop language proficiency of the students by focusing on LSRW skills.
- To enrich mathematical and scientific knowledge of the students in maths, physics and chemistry.
- To learn ethical and social awareness by studying Ethics and Environmental Sciences.

Faculty Focus

Dr. Zehrabi, Associate Professor of English participated in thirty webinars during the time of Pandemic.

Dr. Zehrabi, Associate Professor of English published paper entitled Innovative Education for Sustainable in Test Engineering & Management in March-April 2020, ISSN: 0193-4120, Page No. 3223 - 3228

Dr. N.Gnana Praveena Assoc. Prof. participated in the National webinar on "Microscopy functional Materials and Spectroscopy" organized by Tirumala Engineering college AP on June 22,2020

Dr. N.Gnana Praveena Assoc. Prof. participated in the National webinar on "Role of composites in Modern Engineering Era" organized by Tirumala Engineering college AP on June 29, 2020

Dr. N.Gnana Praveena Assoc. Prof. participated in the national level "Environmental Conservation:Your Social Responsibility(YSR)during Covid -19" organized by the Department of Environmental Science,Acharya Nagarjuna University & Center for Environmental Education and Development(CEED),, AP on 30.06.2020.

K. Koteswara Rao, Asst. Prof.attended National Webinar on "Recent advances in Modern Analytical Techniques" organized by Placement Cell. A.U. College of Science & Technology, Andhra University during 22-24 June 2020.

Mr. G V R S Sai Krishna, Asst. Prof. completed **PGCTE** course from The English and Foreign Languages University (**EFLU**), Hyderabad in 2019.

Mr. G V R S Sai Krishna, Asst. Prof. completed an NPTEL course Body language : Key to professional Success in 2019.

Mr. G V R S Sai Krishna, Asst. Prof. received a Certificate of Appreciation for being recognised as "**NPTEL Disciplined Star**" from IIT, Madras in December 2019.

Student's Voice



I am very much satisfied with the every care taken by the faculty of Basic Sciences and Humanities to impart the knowledge which is essential to pursue and gain insight into the Engineering course.

Ravula Madhu Kiran
Regd. No: 19A21B0554

THE FOLLOWING STUDENTS ARE THE TOPPERS IN B.TECH. SEMESTER-I (2019-20)

 G PRAVEEN REDDY Regd. No. 19A21A0582 CGPA: 9.84	 19A21A04E4 CGPA: 9.79	 19A21A04F4 CGPA: 9.79	 19A21A04C6 CGPA: 9.76	 19A21A04B6 CGPA: 9.76	 19A21A0570 CGPA: 9.68	 19A21A0598 CGPA: 9.68	 19A21A05A2C GPA: 9.68	 19A21A05A7 CGPA: 9.68
	 19A21A05B4 CGPA: 9.68	 19A21A05C6 CGPA: 9.68	 19A21A08A1 CGPA: 9.63	 19A21A05B7 CGPA: 9.63	 19A21B0541 CGPA: 9.63	 19A21B0552 CGPA: 9.63	 19A21B0553 CGPA: 9.63	 19A21A04D0 CGPA: 9.63
 P BHANU NAGA SRIVANI Regd. No. 19A21A0586 CGPA: 9.53	 19A21A04H0 CGPA: 9.63	 19A21A04D9 CGPA: 9.58	 19A21A0471 CGPA: 9.53	 19A21A0529 CGPA: 9.53	 19A21A0569 CGPA: 9.53	 19A21A0572 CGPA: 9.53	 19A21A0585 CGPA: 9.53	 19A21A05B9 CGPA: 9.53

STATE BOARD OF TECHNICAL EDUCATION AND TRAINING (II Shift Polytechnic)

Vision

- To provide the society with Center of Learning in Technical Education and Research that motivates the students to evolve into dynamic professionals.

Mission

- Providing quality education, student centered teaching Learning process and state of the art infrastructure for professional aspirants hailing from both rural and urban areas.
- Evolving this organization into a center of Academic and Research Excellence.
- Imparting Technical Education that encourages independent thinking develops strong domain knowledge and positive attitude towards holistic growth of young minds.

New Trends

Edge Computing is a buzzword such as Cloud, IoT, Artificial Intelligence. It helps in providing efficient service delivery, better data storage, and IoT management that could minimize the response time and transfer rate of data.

Faculty Focus Papers Publication

Name	Published under	No.of Publications	Volume/ Date
Mr.D.Nageswara Rao	NEPT	1	Volume-20, Issue- Aug, 2021 .
Mr.D.Nageswara Rao	RJC	1	Volume-20, Issue-April 2022 .

Department Activities

Work shops

APPSSDC conducted workshop for DCME students on Cyber Security held at Swarnandhra College of Engg. & Tech. from 24-05-2021 to 29-05-2021.

New Courses

New courses, DAIML (Diploma in Artificial Intelligence and Machine Learning) and DCCN (Diploma in Communication and Computer Network), have been implemented in this Academic year 2022-2023.

Students' Focus

Academic Toppers

The following students are academic toppers in their respective classes

- The following students are Academic Toppers in their respective classes



P. Kalyani
19258-CM-045
DCME(III Sem)
94.2%



P. Sai Matha
19258-EC-052
DECE(III Sem)
94%



B. Vinay
19258-M-004
DME(III Sem)
92%



V. Jahnvi
18258-CM-016
DCME(V Sem)
96%



Ch. Phani Kumar
18258-M-051
DME(V Sem)
88.25%



P. Chandrika
18258-EE-003
DEEE(V Sem)
89%

Industrial Training

- A six month industrial training has been given to all the students of different branches in the college premises. In this connection, Auto CAD training programme was given to Mechanical students by Centre of Excellence in Maritime and Ship Buildings(CEMS), Vizag and CISCO training programme was given to Electrical and Communication Engineering students in Swarnandhra College of Engineering and Technology in the Academic year 2020-21.

Placements

V. Jahnvi (18258-CM-026) got placed in Infosys Limited With 2.3 LPA
A. Devi Ganesh Manikanta (18258-CM-004) got placed in Geso Health Card Pvt.. Ltd With 1.32-1.44 LPA.



Alumni's Voice



I got placed in Infosys and am working as a Software Developer. I am always grateful to the management of the college for their continuous support.

V. Jahnvi, DCME,
Infosys Limited , Hyderabad

Student's Voice



Three years of my journey at Swarnandhra helped me in building my career. Faculty helped me to discover my own strengths and weaknesses to develop self motivation and discipline along with studies which I can use for the rest of my life.

N. Avinash, DME
18258-M-055

DEPARTMENT OF NANOTECHNOLOGY

(Advanced Research Laboratory for Nanomaterials & Devices)

RESEARCH PUBLICATIONS : 2019-2021 (SCI/WOS/SCOPUS INDEXED)

- 1) Journal of Photochemistry & Photobiology, Vol. 6, pp. 100016, 2021.
- 2) Journal of Optoelectronics & Advanced Materials, Vol. 23, No. 9-10, pp. 484-487, 2021.
- 3) Kuwait Journal of Science, In press, 2021. <https://doi.org/10.48129/kjs.17787>
- 4) Nano systems: Physics, Chemistry, Mathematics, Vol. 12, No. 3, pp. 311-316, 2021.
- 5) Kuwait Journal of Science, In press, 2021. <https://doi.org/10.48129/kjs.17809>
- 6) Materials Today: Proceedings, Vol. 47, No. 9, pp. 1811-1814, 2021.
- 7) Kuwait Journal of Science, In press, pp. 1-9, 2021. <https://doi.org/10.48129/kjs.17783>
- 8) Scientific Reports, Vol.10, pp. 15930, 2020.
- 9) Patent Journal of India No. 44/2020 dated: 30 October, 2020.
- 10) Nanosystems: Physics, Chemistry, Mathematics, Vol.11, pp. 488-492, 2020.
- 11) Bio interface Research in Applied Chemistry, 11(5), 12761-12768 (2021).
- 12) Materials Today Proceedings, Vol. 45, pp. 794-798, 2021.
- 13) Springer: Advances in Materials Research, pp. 355-362, 2020.
- 14) Micro & Nano Letters, Vol. 15, No. 15, pp. 1120-1125, 2020.
- 15) Kuwait Journal of Science, In Press, 2022. <https://doi.org/10.48129/kjs.16633>
- 16) Materials Today Proceedings, Vol. 39, pp. 1422-1425, 2021.
- 17) Journal of Materials Science: Materials in Electronics, Vol. 32, No. 2, pp. 2258-2267, 2020.
- 18) Materials Today Proceedings, Vol. 45, pp. 2883-2886, 2021.
- 19) Micro & Nano Letters, Vol. 15, No. 11, pp. 1156-1161, 2020.
- 20) Romanian Journal of Information Science & Technology, Vol. 1, pp. 105-112, 2020.
- 21) Micro & Nano Letters, Vol. 15, No. 12, pp. 840-844, 2020.
- 22) Journal of Materials & Environmental Science, Vol. 11, No. 1, pp. 8-14, 2020.
- 23) Journal of Nano- & Electronic Physics, Vol. 12, No. 1, pp. 01009-01013, 2020.
- 24) Nano systems: Physics, Chemistry, Mathematics, 11 (1), 86-89 (2020).
- 25) Nanosystems: Physics, Chemistry, Mathematics, Vol. 11, No. 2, pp. 189-194, 2020.
- 26) Materials Today: Proceedings, Vol. 45, pp. 2091-2095, 2021.
- 27) IEEE Explore, DOI:10.1109/WIECON-ECE48653.2019.9019915, 2019.
- 28) Materials Today: Proceedings, Vol. 3, pp. 2801-2808, 2019.
- 29) ACS Omega, Vol. 6, No. 5, pp. 3470-3482, 2021.
- 30) Results in Physics, Vol. 14, pp. 102390, 2019.
- 31) Bulletin of Materials Science, Vol. 42, No. 24, pp. 1-9, 2019.
- 32) Nano systems: Physics, Chemistry, Mathematics, Vol. 10, pp. 63-69, 2019.
- 33) Materials Today: Proceedings, 18, 2142-2146 (2019).
- 34) Nano systems: Physics, Chemistry, Mathematics, Vol. 10, No. 3, pp. 350-354, 2019.
- 35) Nano systems: Physics, Chemistry, Mathematics, Vol. 10, No. 3, pp. 355-360, 2019.
- 36) Results in Physics Vol. 11, pp. 223-231, 2018.
- 37) Materials Today: Proceedings, Vol. 18, No. 1, pp. 402-405, 2019.
- 38) Materials Today: Proceedings, 18, 384-388 (2019).
- 39) AIP Conf. Proceedings, 2117 (1), 029991 (2019).

PAPERS PRESENTED IN CONF.S

- 1) Nat. Virtual Conf. on Advanced Functional Composite Materials & Applications Organized on 28th June, 2021 by Amity University, TN.
- 2) Nat. Conf. on Innovation in Sci. & Tech. organized on 08-09th July, 2021 by Sri Venkateswara College of Engineering & Technology, AP.
- 3) Nat. e-Conf. on Advanced Research in Materials Science organized on 22-23rd Feb., 2021 by Kamaraj College, Thuthukudi, TN.
- 4) Int. Virtual Conf. on Advanced Nanomaterials for Energy & Environ. Applications organized on 16-18th Sep., 2020 by Alagappa University, TN.
- 5) Int. Web Conf. on Advanced Materials Science & Engineering organized on 11-12th Sep., 2020 by Bannari Amman Institute of Technology, TN.
- 6) Recent Advances in Synthesis, Charact. & Appl. of Nanomaterials organized on 13-17th July, 2020 by GMR Institute of Technology, AP.
- 7) Nat. Conf. on Advancements in Science & Humanities organized on 13th July, 2020 by Kings College of Engineering, Pudukkottai, Tamilnadu.
- 8) Int. Virtual Conf. on "Innovative Res. in Chem. Sci. organized on 29-30th June, 2020 by SRM Institute of Science & Technology, TN.
- 9) Int. Virtual Conf. on "Inno. Strat. in Chem. Sci. & Tech. organized on 27-28th June, 2020 by Bhaktavatsalam Memorial College for Women, TN.
- 10) Int. Virtual Conf. on Adv. Nanomater. & Appls., Organized on 17-19th June, 2020 by VIT University, TN.
- 11) Int. e-Conf. on Adv. Funct. Mater. & Optoelec. Devices organized on 13-15th June, 2020 by VBS Purvanchal University, UP.
- 12) Int. Conf. on Adv. Nanomater. for Ener., Engg, Biol. & Med. Appl. organized on 12-13th Dec., 2019 by Chettinad College of Engg & Tech., TN.
- 13) Int. Conf. on Recent Trends in Metallurgy, Mat. Science & Manufacturing organized on 27-28th Dec., 2019 by NIT Trichy, TN.
- 14) Int. Conf. on Advances in Materials Research organized on 6-7th Dec., 2019 by Bannari Amman Institute of Technology, TN.
- 15) Nat. Conf. on Hierarchically Structured Materials organized on 22-23rd Feb., 2019 by SRM University, TN.

INVITED TALKS

1. Dr. R. S. Dubey on "7 days virtual FDP on Recent Trends in Solar Cells", on 13-20th July, 2021 at PPG College of Arts & Science, TN.
2. Dr. R. S. Dubey on "Sol-gel synthesis & transparent Optical Coatings", on 13-20th July, 2021 at PPG College of Arts & Science, TN.
3. Dr. S. Saravanan on "Thin Films for Solar Cells", on Apr., 2021 at Arcot Sri Mahalakshmi women's college, TN.
4. Dr. S. Saravanan, on "Nanomaterials & Solar Cells" on 18th Oct., 2021 at Auxilium College (Autonomous), TN.
5. Dr. S. Saravanan, on "Enhancement of Light Harvesting in TF Solar Cells using Nanostructures" on 2nd July, 2020 at Narasu's Sarathy Inst. of Tech., TN.

AWARD RECEIVED (2019-2022)

1. S. Saravanan, R.S. Dubey & Y. Venkatesh received best Poster-Presentation Award in Int. Conf. on Advanced Nanomaterials for Energy, Engineering, Biological & Medical (ICAN'2019) held Dec. 12-13th 2019, Chettinad College of Engineering & Technology, Karur, Tamil Nadu.
2. R.S. Dubey received best reviewer Award-2020 from Materials Today: Proceedings, Elsevier, & December-2020.

PATENT PUBLICATION

A Method & a System for Fabrication of a Dielectric Reflector, Patent Journal of India No. 44/2020 dated: 30 October, 2020.

BOOK CHAPTERS

1. Sol-gel preparation & characterization of ZnCaAl₂O₄ Composite Nanoparticles Recent Advances in Manufacturing Processes, Springer, 2021. (ISBN: 978-981-16-3686-8).
2. A low-cost fabrication approach of UV, Vis & NIR dielectric reflectors-Advances in Materials Research, Springer Publisher, 2021. (ISBN: 978-981-15-8318-6).

2020
BATCH

PLACEMENT CELL

March 2020 to June 2021 Placements

2021
BATCH

SS&C | EZE
Selected 1- CTC 6 LPA

INPETRO
TECHNOLOGIES Inc
Selected 1- CTC 4.16 LPA

Deloitte.
Selected 1- CTC 4 LPA

MACHINT
Selected 3- CTC 2.4 to 3.6 LPA

TCS | NQT
Selected 1- CTC 3.53 LPA

HCL
Selected 1- CTC 3.5 LPA

U S T
Selected 1- CTC 3.5 LPA

aws partner network | **TCS**
Selected 1- CTC 3.36 LPA

Prodapt.
Selected 1- CTC 3.3 LPA

TOSHIBA
Selected 1- CTC 3.2 LPA

aws partner network | **Capgemini**
Selected 4- CTC 3 LPA

vitech
Selected 1- CTC 2.85 LPA

ZENQ
Selected 1- CTC 2.52 LPA

NETENRICH
Selected 3- CTC 2.5 LPA

MACHINT
Selected 2- CTC 2.4 to 2.8 LPA

PIVOX
LABS
EMPOWERING GROWTH
Selected 1- CTC 2.25 LPA

AEGIS
Selected 16- CTC 2.1 LPA

VISIONARY RCM
THE CARLYLE GROUP
Selected 24- CTC 2.04 LPA

APTIV
Selected 4- CTC 1.86 LPA

WABCO
Selected 29- CTC 1.8 LPA

TCS
Sudram Fasteners Limited
Selected 13- CTC 1.8 LPA

GridX
Selected 6 - CTC 1.5 LPA

AVINEON
Visualize It. See It Through.
Selected 1 - CTC 1.5 LPA

Rane
Engine Valves Ltd.
Expanding Horizons
Selected 20 - CTC 1.47 LPA

VPG
PERFORMANCE THROUGH PRECISION
Selected 13- CTC 1.44 LPA

GESCO
Selected 11- CTC 1.32 TO 1.44 LPA

CONVERGENCE
Selected 16- CTC 1.32 LPA

ICCS
Jobs' Future. Doing RFP Online
Selected 22- CTC 1.32 LPA

GJ SOLUTIONS
India Thrives Limited
Selected 28- CTC 1.2 LPA

ALSTOM
mobility by nature
Selected 8- CTC 2.16 LPA

accenture
Selected 1- CTC 4.5 LPA

Capgemini
Selected 1- CTC 3.5 LPA

TCS
TATA CONSULTANCY SERVICES
Selected 1- CTC 3.53 LPA

WABCO
Selected 3- CTC 1.62-1.92 LPA

TATA
TATA CONSULTANCY SERVICES
TCS | DIGITAL
Selected 2- CTC 7 LPA

Gnana Analytics Pvt. Ltd.
Selected 1- CTC 6.5 LPA

OPENPRISE
Selected 1- CTC 6.5 LPA

kore.ai
Selected 1- CTC 6.5 LPA

Cognizant
Selected 5- CTC 5.4 LPA

VIT
Selected 2- CTC 4 LPA

electronics
To provide insight for enhancing wealth
Selected 1- CTC 3.98 LPA

aws partner network | **accenture**
Selected 30- CTC 3.83 LPA

aws partner network | **Capgemini**
Selected 3- CTC 3.8 LPA

Capgemini
Selected 19- CTC 3.8 LPA

antstack.io
Selected 1- CTC 3.76 LPA

Zen Technologies Limited
Selected 3- CTC 3.6 LPA

MACHINT
Selected 53- CTC 3.6 LPA

Infosys
Selected 41- CTC 2.2 to 3.6 LPA

DXC TECHNOLOGY
Selected 1- CTC 3.6 LPA

LTI
Let's Solve
Selected 1- CTC 3.53 LPA

hi. HEXAWARE
Selected 1- CTC 3.5 LPA

wipro
Selected 28- CTC 1.8 to 3.5 LPA

HCL
Selected 20- CTC 3.5 LPA

PurpleTalk
Selected 1- CTC 3.5 LPA

IONIXX
TECHNOLOGIES
Selected 1- CTC 3.5 LPA

TCS | NQT
Selected 41- CTC 3.36 LPA

aws partner network | **TCS**
Selected 4- CTC 3.6 LPA

Prodapt.
Selected 2- CTC 3.25 LPA

infy
Infosys
Selected 5 CTC 3.5 LPA

preludeSYS
IMPLICIT KNOWLEDGE
Selected 2- CTC 3 LPA

e-construct.in
Selected 2- CTC 2.5 LPA

PIVOX
LABS
EMPOWERING GROWTH
Selected 2- CTC 2.25 LPA

TCS
Sudram Fasteners Limited
Selected 28- CTC 1.8 LPA

Rane
Engine Valves Ltd.
Expanding Horizons
Selected 10- CTC 1.47 to 1.57 LPA

GESCO
Selected 7- CTC 1.44 LPA



IEEE SWARNANDHRA STUDENT BRANCH

Advancing Technology for future generation....

Vision:

- IEEE will be essential to the global technical community and to technical professionals everywhere, and be universally recognized for the contributions of technology and of technical professionals in improving global conditions.

Mission:

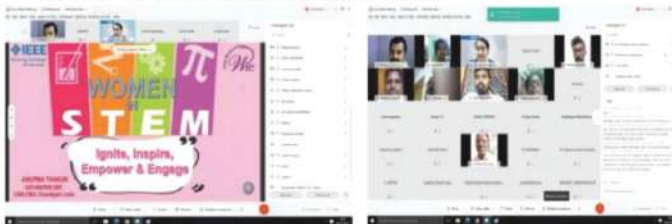
- IEEE's core purpose is to foster technological innovation and excellence for the benefit of humanity.

About Student Branch

IEEE student branch was established on 27-07-2017 in Swarnandhra College of Engineering & Technology under Hyderabad Section in R10 Region (India) with Geocode: STB64622. An IEEE Student Branch gives students a community of peers, and a connection to faculty and industry professionals who drive innovation in countless technical fields. Student involvement in Branch activities, whether special projects, social and technical meetings, outreach programs, conferences, local Section or Regional opportunities, etc. can help develop a record of accomplishment and capabilities beyond the norm.

About Student Branch

- 1) A Webinar was conducted by IEEE Swarnandhra SB on the Occasion of International Women's Day "Women in STEM Ignite, Inspire, Empower and Engage" by Ms Anupma Thakur, DST Senior Research Fellow, CSIR, Chandigarh on 09-03-2021.



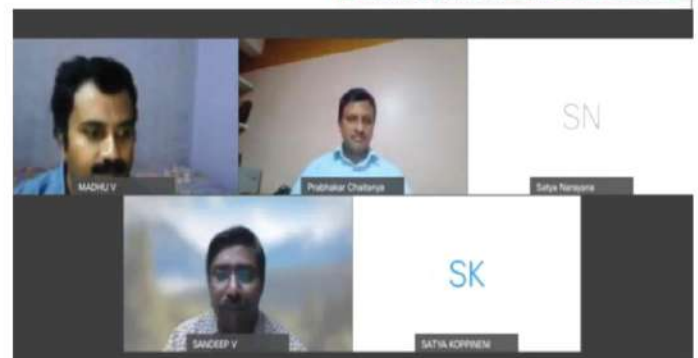
- 2) IEEE Swarnandhra SB celebrated PESDAY2021 celebrations virtually as per Covid-19 guidelines on 22-04-2021.
- 3) IEEE Swarnandhra Student Branch conducted a webinar on "Sustainable, Resilient and Greener Grid" by Mr. S. Yuvaraj Moorthy, General Manager, M/s Schneider Electric, Chennai on 22-04-2021.



- 4) IEEE Industry Applications Society Chapter (SBC64622) along with systems council was established under Swarnandhra student



- 5) Inauguration of "Industry Applications Society" Student Branch Chapter & An Expert talk by Er Chaitanya, Sr Manager, NTPC, INDIA on 21-03-2021.



- 6) IEEE Power & Energy Society Chapter (SBA64622) along with council on super conductivity was established under Swarnandhra Student branch on 28-04-2021.



- 7) Membership Development event was conducted virtually on 05-05-2021, Dr V Sandeep, IAS/PELS/PES Jt Chapter Chair, Vizag delivered key points on this event.
- 8) IEEE Women in Engineering Chapter (SBC64622A) was established under Swarnandhra Student branch on 30-03-2021.



- 9) Mr Madhu Valavala, SB Counselor have been selected as the Ambassador for IEEE PES YP Powering the Future Summit 2021.

Glimpses of SWARNANDHRA Activities



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