EDITORS' MESSAGE

Greetings and welcome to the first issue of seventh volume of our College News Epistle! I thank God for the countless blessings he has showered upon us and lighting out path through this Epistle for the seventh consecutive year. This year has been a testing time for all of us. The pandemic has taken us through hardships and battles which we have overcome with the blessings of God the Almighty. The entire fraternity of Faculty, Students and Technical team of St. Anne's College of Engineering and Technology have enormously contributed towards the Epistle. The overwhelming response from everyone inspite of the hurdles encountered, have shown their commitment in participating online Workshops, Conferences and Webinars. This pandemic has enabled all of us to understand that nothing can stop us from succeeding and progressing towards success. I am extremely grateful for the support I have received from the management, faculty (teaching and non-teaching) and students to bring out this special edition of Epistle. We wholeheartedly welcome suggestions and feedback which will help us to improve further in the forthcoming editions of Epistle.

D. Pauline Freeda
Co-Ordinator
News Epistle Team

YOUR COLLEGE!   **YOUR FUTURE!!**   **BUILD YOUR CAREER!!!**

SECRETARY'S MESSAGE

Greetings to all who read this News Epistle. St. Anne's College of Engineering and Technology has been striving to uplift the marginalized, economically and educationally poor so as to develop in themselves human values, positive attitudes a sense of serving the society, integrated personality development, safeguarding the mother earth, acquiring the knowledge and skills which will lead to becoming a holistic person. Our Faculty incessantly strive to mould the students towards academic excellence. Though the COVID-19 devastated the people in all spheres it failed to hinder the academic performance of our staff and the learning of the students. During lock down all our Faculty attended many Webinars, Faculty Development Programmes, Conferences and Workshops. Each department conducted several online seminars and competitions besides taking regular classes through Google Meet. Some Faculty published their research articles in reputed journals. I appreciate the teaching and non-teaching staff for their efforts towards developing the students and the growth of the College. Most of our students also attended many Webinars and Competitions and received prizes. Congratulations to the News Epistle team for their attempt in bringing this issue on time!

Dr. Sr. Y. Yesu Thangam S.A.T
Secretary

PRINCIPAL'S MESSAGE

Dr. R. Arokiadass
Principal

Hope you are all safe and healthy during this inconceivable pandemic situation. Amidst this pandemic situation of COVID-19, our College is actively exploring alternative methods for teaching, training, student evaluation, conducting webinars and effective engagement of staff and students.

It gives me great pleasure to release the St. Anne's News epistle January-December, 2020, even in this challenging situation. This news epistle gives an insight on various efforts of our staff and students to enhance their life skills, imagination, creativity and innovative thinking.

I take this opportunity to congratulate the editorial board for bringing out this News Epistle as per schedule, which in itself is an achievement considering the effort and time required. I wish our staff and students all the very best to fly high and bring glory to the world and their profession with the wings of education.

INTRODUCTION

The even semester of academic year 2019 – 2020 commenced for II, III and IV year classes on 16th December 2019. It started with a prayer conducted by our Sisters at St. Anne's CET auditorium. All the staff and students attended the prayer and received the blessings of God. The second semester classes were started on 20th January, 2020. Due to the unexpected pandemic situation, COVID-19, classes were temporarily suspended from 23rd March, 2020, onwards.

During the lockdown staff has started the classes in online mode and kept in touch with students by giving assignments and tests. Staff and students were encouraged to participate in various events like webinar, quiz, workshop, faculty development programme, online course, short term training programmes and internships in online mode. So the participation of staff and students was enormous during this lockdown period. The odd semester of the academic year 2020-2021 commenced on 24th August in online mode i.e, Google Meet. Staff and student were able to post their subject materials, power point presentations, question bank, question papers, assignment and answer sheets in their respective subject Google Class Room. This is a new era in education to use various teaching and learning methods.

The pandemic has taught the staff and students to embrace a new mode of education. The online mode of education has garnered good results and enabled the staff and students to interact virtually. From the comfort of their own homes staff were able to deliver quality content and the students were able to learn in online mode. The internet has proved that it is indeed a boon for technocrats and students alike.

Despite the overwhelming consequences of the pandemic, this global crisis has also been an extraordinary time for learning. We are learning how adaptable and resilient educational systems, teachers, students and families can be. Faced with the pandemic, SACET has combined high-tech and low-tech approaches to help teachers better support student learning.

RESEARCH AND DEVELOPMENT
Patent

- Dr. D. Ommurugadhasan, Head of the Department of Mechanical Engineering (Mech.) applied for a Patent in the following topics:
  1. "Novel Design of Pneumatic Pick and Place Robotic Arm for Manufacturing" Application dated on 7th February, 2020, Application No.202021004729.
  2. "Design and Optimization of Carbon Particulate Elimination in Diesel Exhaust Emissions" Application dated on 16th June, 2020, Application No.202041025368.
  3. "Continuous Power generation By Automatic Direction Change in the Sensor level system in the Solar Panel" Application dated on 19th November, 2020, Application No.2020103249.

Reviewer

- Dr. S. Anita, Head of the Department of Electronics and Communication Engineering (ECE) is appointed as a reviewer in the Journal of advances in Mathematics and Computer Science.

Research Publications

- Dr. A. Azhagappan, Associate Professor (ASP), Department of Science & Humanities (S&H), published the following papers in the Journals:
  1. "Transient behavior of a single server Markovian queue with balking and working vacation interruptions" in the Journal of the Operations Research Society of China (Springer, Scopus). DOI: 10.1007/s40305-019-00288-3, (2020) on January, 2020.
  2. "Transient behavior of a N-policy single server feedback queue with disaster balking and setup time" in the journal of International Journal of Mathematics and Statistics). Vol. 21, No. 2, (2020), pp. 79-88 on February, 2020.
  3. "Transient solution of an M/M/∞ queue with system's additional tasks and impatient customers" in the Journal of International Journal of Mathematics in Operational Research (Scopus). Vol. 16, No. 1, (2020), pp. 82-97 on March, 2020.
  4. "Variant impatient behavior of a Markovian queue with balking reserved idle time and working vacation" in the Journal of RAIRO - Operations Research (Science Citation Index Expanded, Scopus). Vol. 54, No. 1, (2020), pp. 783-793 on April, 2020.
  5. "Analysis of a two Processor system with breakdown preventive maintenance and closedown time" in Journal of International Journal of Mathematics and Statistics). Vol. 21, No. 3, (2020), pp. 73-82 on May, 2020.
  6. "Performance analysis of an M/M/1 queue with N-policy interrupted closedown preventive maintenance balking and feedback" in the Journal of Applications and Applied Mathematics: An International Journal). Vol. 15, No. 1 (2020), pp. 1-12 on June, 2020.
  7. "Transient behavior of an M/Ek/1 queue with vacations, balking and control of admission during vacations" in the International Journal of Mathematics in Operational Research (Scopus) Vol. 17, No. 3, (2020), pp. 371–390, September, 2020

- Mr. N. Syed Mubarak, Assistant Professor (AP)/S&H, Mr. D. Sampath Kumar, AP/S&H, Mrs. J. Joaquine Arokia Mary, AP/S&H, Mrs. S. Ramya, AP/S&H, Mr. R. Viswalingam, AP/S&H, Mr. V. Prakash, AP/S&H, and Dr. A. John Peter, Head/S&H and Ms. V. Britta Devi, AP, Department of Computer Science and Engineering (CSE) had published the following papers:
  1. "Review on impact of webinars in higher education and professional training" in the ISAR International Journal of Research in Engineering Technology, Vol. 5, Issue.6, 2020.
  2. "Investigation on Phosphors for white Light Emitting Diode applications" in the International Research Journal of Modernization in Engineering Technology and Science, Vol. 2, Issue.12, 2020.
  3. "Review on gamification on learning and teaching" in the International Journal of Advance Research and Innovative Ideas in Education, Vol. 6, Issue.6, 2020.
  4. "Review on teacher's leadership" in the International Journal of Advance Research and Innovative Ideas in Education, Vol. 6, Issue.6, 2020.

- Sr. Annai Theresa, AP, Department of Electrical and Electronics Engineering (EEE) published the following papers in the Journal:
  1. "A Novel H Bridge- based Inverter with 21 Level Staircase Output" on Grenze International Journal of Engineering and Technology, Special Issue,Grenze ID: 01.GIJET.6.2.2 Grenze Scientific Society, 2020.
  2. "Analysis of Touch Down Point And Renewable Energy Generation in Aviation" and "21 Level Staircase Sine Wave Inverter With Reduced Switches and THD" organized by The Board of Journal of Emerging Technologies and Innovative Research and published in JETI (www.JETIR.org) ISSN UGC Approved (Journal No: 63975) & 5.87 Impact Factor Published in Volume 7 Issue 3, March, 2020.

- Sr. Punitha Jilt, Head of the Department of CSE published the following papers in the Journal:
  1. "DDOS Traffic Control Using DSA Algorithm with Structure Information in SDN" in the International Research Journal of Engineering and Technology, Volume 7, Issue 3, March 2020.
  2. "Oil Field Monitoring System using Cloud", in the International Journal Scientific Research and Engineering Technology, Volume 3, Issue 2, March – April 2020.
- Mr. M. Sivamanikandan, AP/Mech, and Mr. K. Saravanan, AP/Mech, had published the following papers:
  1. "Surface analysis and Mechanical behaviour of Polysiloxane Coating on Alloy Steel Substrate" in the International Journal for Science and Advance Research in Technology, Volume 6, Issue 12 on December, 2020.
  2. "Characterization and surface analysis on electroless ni-p coating process on en-– 8 steel" in International Journal for Science and Advance Research in Technology, Volume 6, Issue 12 in December, 2020.
- Mr. R. Ramesh, AP/EEE and Mr. R. Radhakrishnan, AP, Department of Electronics and Communication Engineering (ECE) has published the following two papers:
  1. "Smart Fluid level monitoring and Controlling System" in the International Journal of Scientific Research and Engineering Development, ISSN: 2581-7175 on April, 2020.
  2. "Nocturnal Solar Energy Harvesting Using Conventional Photovoltaic Panel and IR Transmitter" in the International Journal of Scientific Research and Engineering Development, ISSN: 2581-7175 on May, 2020.
- Mr. S. Manavalan, AP/CSE had published a paper on "A Scalable Cyber Attack Detection Using Machine Learning Techniques" in the International Journal of Innovative Research in Computer, on 30th March, 2020.
- Mrs. Z. Asmathunnisa, AP/CSE, Mr. S. Manavalan, AP/CSE and Mr. N. Kumar, AP/CSE, had published a paper on "Internet of Things based Architecture for Oil and Gas Industry" in the International Journal of Innovative Research in Computer and Communication Engineering on 31st March, 2020.

Conference

- Dr. A. Azhagappan, ASP/S&H presented the following papers in the various conferences:
  1. "Analysis of M/Ek/1 queue with vacation interruptions" in the National Conference on Recent Applications of Applied Sciences & Humanities RAASH 2020 organized by Government College, Satnali, Haryana, on 7th June, 2020.
  2. "Analysis of M/Ek/1 queue with multiple vacations and reneging" in the National Conference on Recent Application in Science and Engineering Post Covid-19 organized by Shivalik College of Engineering, Dehradun, Uttarkhand, Satnali, Haryana, on 20th June, 2020.
  3. "Impatient Behavior in an M/Ek/1 queue with single vacation" in the International Virtual Conference on Bridging Innovative Trends in Mathematics, Engineering & Technology [BITMET'20] organized by the Department of Mathematics, Bannari Amman Institute of Technology, Erode, from 18th to 19th December, 2020.
- Mr. S. Rajarajan, AP/CSE has presented a paper titled on "Online voting system with OTP(API) verification" in the International Conference organized by Idhaya Engineering College for Women, Chinnasalem, on 21st February, 2020.
- Sr. Annai Theresa, AP/EEE has presented a paper entitled "31 Level Cascaded H- Bridge Inverter with Reduced Switches and Harmonics" in the International Web Conference on Smart Engineering Technologies 2020 (IWCSET - 2020) organized by Ramco Institute of Technology, Chennai, from 26th to 27th June, 2020.
- Mr. R. Sasikumar, AP/Mech, has presented a paper titled "Performance and Emission Studies on DI Diesel Engine Fuelled by Prosopis Juliflora Bio Diesel with Hydrogen as Dual Fuel" in the 3rd International Conference organized by the School of Mechanical Engineering at Sathyabama Institute of Science and Technology, Chennai, from 7th to 9th August, 2020.
- Mrs. D. Uma Maheswari, AP/ECE presented a paper titled "Design and Implementation of Automatic System for Early Detection of Diabetic using Retinal Images" in Virtual Conference on Emerging Frontiers in Control and Communication Technologies-ICECCT 2020 organized by Mohamed Sathak AJ College of Engineering, Chennai, on 26th August, 2020.

- Mrs. J. Joaquine Arokia Mary, AP/S&H presented a paper on "Structural Morphological Properities of Cds Nano particles" in the National Conference organized by Bannari Amman Institute of Technology, Sathiyamangalam, from 11ᵗʰ to 12ᵗʰ September, 2020.
- Dr. A. Azhagappan, ASP/S&H attended an International Conference on "Emerging Trends in Vedic Mathematics & Applications in Science, Technology and Social Sciences Research" organized by Jawaharlal Nehru University, New Delhi, from 16ᵗʰ to 17ᵗʰ August, 2020.

Paper Presentation by Students

- The following students had presented a paper in the International Conference on Computing Information Electronics and Electrical Engineering (ICCIEEE'20) at Idhaya Engineering College for Women, Chinnasalem on 21ˢᵗ February, 2020:
  1. Mr. M. Ajith Revildo and Mr. L. Rakesh Jagadish of III year CSE presented a paper titled "Online voting system with OTP (API) verification".

  2. Ms. M. Pinodeepa, Ms. P. Delphina Mary, Ms. S. Santhiya and Ms. S. Shanthini of IV year ECE presented a paper titled "Smart Fluid level monitoring and controlling system".
- The following students had presented a paper in the National level Technical Symposium Electrocom'20 organized by MRK Institute of Technology, Kattumannarkoil on 7ᵗʰ March, 2020:
  1. Ms. R. Kousalya, Ms. P. Chandralekha and Ms. S. Elakkiya of IV year ECE presented a paper titled "Smart Gardening Using LORA Technology".
  2. Ms. M. Pinodeepa, Ms. P. Delphina Mary, Ms. S. Santhiya, Ms. S. Shanthini, Ms. M. Nandhini and Ms. K. Priyadharshini of IV year ECE presented a paper on "Smart Fluid level monitoring and controlling system".
  3. Ms. A. Preethiba, Ms. C. Sumithi Melinda, Ms. E. Iswarya, Ms. R. Kousalya, Ms. M. Malini and Ms. M. StephyGrafi of IV year ECE presented a paper on "Smart Gardening using Lora Technology".

FACULTY PARTICIPATION

Our Faculty members had attended various events such as Faculty Development Programme, Workshops, Online Courses and Webinar during the lockdown period. They are listed below:

Faculty Development Programme

Sl.No.	Faculty Name	Title	Institution	Date
1.	Mr. S. Balabasker, AP/ECE	Python	Vellalar College for Women	23.04.2020-29.04.2020
		LaTeX		27.04.2020-29.04.2020
		Develop the ability to write Research Proposal	Adarsh Institute of Management and IT	24.04.2020
		Strategies for Engaging Students in Learning	Vellalar College for Women	27.04.2020
		Future Trends in Electronics	Dr. NGP Institute of Technology	02.05.2020-04.05.2020
		Emerging Research Areas in Engineering	SRM IST, Ramapuram Campus	05.06.2020-09.06.2020
		Internet of Things	Sri Sairam Engineering College	30.11.2020-04.12.2020
		Robotics	KCG College of Technology	18.12.2020-22.12.2020

Sl.No.	Faculty Name	Title	Institution	Date
2.	Sr. Annai Theresa, AP/EEE	Effective Usage of ICT Tools for Smart Teaching	Jayaraj Annapackiam College for Women	09.05.2020-14.05.2020
		MATLAB & Its Applications in AI & ML	NIT Patna and AEC, Kumbakonam	19.05.2020-26.05.2020
		Free & Open Access Resources for Teaching, Learning and Research	Sri Adi Chunchanagiri Women's College	20.05.2020
		Future Energy Trends & its Impact	SJBIT, Bengaluru	24.08.2020-28.08.2020
		Electric Vehicles	Gyan Ganga Institute of Tech. and Science, Jabalpur	01.09.2020-05.09.2020
			National Institute of Technology, Mizoram	10.11.2020-14.11.2020
3.	Mr. N. Kumar, AP/CSE	Research, Funding Projects & IPR	K.C. College of Engg., Mgmt. Studies & Research	07.05.2020-10.05.2020
		Machine Learning using Python	S. I. A. College of Higher Education	13.05.2020-15.05.2020
		Bharat OS Solutions,Linux	VIT, Chennai	14.05.2020
		Front-end framework: Angular	Sathyabama Institute of Science and Technology	15.05.2020-16.05.2020
		Learning, Pedagogy and Effective Use of Case Methodology	ASM Group of Institutes	17.05.2020-21.05. 2020
		Art of Writing Research Articles and Funding Proposals	Manakula Vinayagar Institute of Technology	21.05.2020-23.05.2020
4.	Mr. S. Manavalan, AP/CSE	R Programming	Indo Global Group of Colleges	24.03.2020-01.04.2020
		Effective project proposal Writing	Vellammal Engineering College, Chennai	08.05.2020-09.05.2020
		IoT based Cloud integration using REST and MQTT	University College of Engineering, Villupuram	09.11.2020
		Machine Learning Techniques	Vel Tech Multi Tech Dr. Rangarajan Dr.Sakunthala Engineering College	11.12.2020-12.12.2020
		Cloud Technologies		18.12.2020-19.12.2020

Sl.No.	Faculty Name	Title	Institution	Date
5.	Mr. S. Durairaj, AP/ECE	Python	Vellalar College of Engineering for women	23.04.2020-26.04.2020
		Develop the Ability to write Research Proposal	Adarsh Group of Institutions	24.04.2020
		LaTeX	Vellalar college of Engineering for women	27.04.2020-29.04.2020
		E - Learning	Prathyusha Engineering College	01.06.2020-04.06.2020
		Antenna and Microwave Engineering	K. Ramakrishnan College of Technology	08.06.2020-13.06.2020
6.	Dr. S. Anita, HOD/ECE	Develop the Ability to Write Research Proposal	Adarsh Institute of Management and IT	24.04.2020
		R Programming	Indo Global Group of Colleges	27.04.2020-01.05.2020
		Effective usage of ICT Tools for Smart Teaching	Jayaraj Annapackiam College for Women	09.05.2020-14.05.2020
		E-learning Tools	The American College, Madurai	16.05.2020 17.05.2020
		Joy of Python	Jain college for Women	18.05.2020-24.05.2020
7.	Mrs. Z. Asmathunnisa, AP/CSE	R Programming	Indo Global Group of Colleges	24.04.2020-01.05.2020
		LaTeX	MIT college of Railway Engineering and Research	14.05.2020-17.05.2020
		Effective Project Proposal Writing	Vellammal Engineering College, Chennai	08.05.2020-09.05.2020
		Theory of Computation		18.05.2020-22.05.2020
		Object Oriented Analysis and Design		29.06.2020
8.	Mr. B. Arun Kumar, AP/ECE	Python	Vellalar College of Engineering for women	23.04.2020-26.04.2020
		LaTeX		27.04.2020-29.04.2020
		Develop the ability to write Research Proposal	Adarsh Group of Institutions	24.04.2020
		E - Learning	Prathyusha Engineering College	01.06.2020-04.06.2020

Sl.No.	Faculty Name	Title	Institution	Date
9.	Sr. A. Punitha Jilt, HOD/CSE	R Programming	Indo Global Group of Colleges	24.04.2020-01.05.2020
		Recent Trends in Biomedical Engineering-Research Perspective	Dr. N. G. P. Institute of Technology	26.04.2020-30.04.2020
		Recent Communication Tools and its Application	St. Martin's Engineering College	19.05.2020-23.05.2020
		Are You IOT Ready?Join Configuration of Smart Home using CISCO Packet Tracer	Jain Faculty of Engineering and Technology	23.05.2020
10.	Dr. A. Azhagappan, ASP/S&H	Mathematical Modeling in Multidisciplinary Domain	Bannari Amman Institute of Technology, Erode	01.06.2020-07.06.2020
		Applications of Mathematics	Karunya Institute of Technology and Sciences, Coimbatore	20.07.2020-24.07.2020
		E-Content Development for Blended Learning	New Horizon College of Engineering, Bengaluru	25.07.2020
11.	Mrs. D. Pauline Freeda, AP/CSE	R Programming	Indo Global Group of Colleges	24.03.2020-01.04.2020
		Effective Project Proposal Writing	Vellammal Engineering College, Chennai	08.05.2020-09.05.2020
12.	Mr. K. Sriram, AP/EEE	LaTeX	MIT College of Railway Engineering and Research	14.05.2020-17.05.2020
		Advances in Power Electronics for Smart Grid, Renewable Energy Systems, and Electric Vehicle Technology	Agni College of Technology, Chennai	07.12.2020-19.12.2020
13.	Mr. A. Richard Pravin, AP/EEE	Free and Open Access Resources for Teaching, Learning and Research	Sri Adi Chunchanagiri Women's College	20.05.2020
		Emerging Research Areas in Engineering	SRM Institute of Science and Technology, Chennai	05.06.2020-09.06.2020
14.	Mr. S. Rajarajan, AP/CSE	Data Structures	Vellammal Engineering College	22.05.2020
		Emerging Research Areas in Engineering	SRM Institute of Science and Technology, Chennai	05.06.2020-09.06.2020
15.	Ms. M. Premalatha, AP/EEE	Emerging Trends in Electric Vehicle, Lighting and Automation	Vel Tech Multi Tech Dr. Rangarajan Dr.Sakunthala Engineering College	26.05.2020-30.05.2020
		Application for Artificial Intelligence for Modern Power System	St. Joseph's College of Engineering, Chennai	20.07.2020-24.07.2020

Sl.No.	Faculty Name	Title	Institution	Date
16.	Mrs. D. Uma Maheswari, AP/ECE	Innovation to Academicians	Ramachandra College of Engineering, Ellure	17.04.2020-22.04.2020
17.	Mr. Radha Krishnan, AP/ECE	Develop the Ability to write Research Proposal	Adarsh Group of Institutions	24.04.2020
18.	Mr. V. Balaji, AP/EEE	Emerging Trends in Electric Vehicle, Lighting and Automation	Vel Tech Multi Tech Dr. Rangarajan Dr. Sakunthala Engineering College	26.05.2020-30.05.2020
19.	Dr. A. John Peter, HOD/S&H	ATAL FDP - Novel Materials	Government College of Engineering, Thanjavur	17.08.2020-21.08.2020
20.	Mr. R. Ramesh, AP/EEE & Mr. A. Sundarapandiyan, AP/EEE	Advances in Power Electronics for Smart Grid, Renewable Energy Systems, and Electric Vehicle Technology	Agni College of Technology, Chennai	07.12.2020-19.12.2020

Online Course

Sl.No.	Faculty Name	Course Title	Institution	Date
1.	Sr. Annai Theresa, AP/EEE	High Power Multilevel Converters-Analysis, Design and Operational Issues	NPTEL Online Certification Indian Institute of Technology, Madras	Jan-Apr 2020
		Power Electronics		Sep-Dec 2020
2.	Mrs. D. Pauline Freeda, AP/CSE	Text Retrieval and Search Engine	University of Illinois, Urbana from Courseera	Mar-Apr 2020
3.	Dr. S. Anita, HOD/ECE	Digital Class Room Advanced	Computational Intelligence Research Foundation	13th - 24th Apr 2020
4.	Mr. S. Durairaj, AP/ECE & Mr. B. Arun Kumar, AP/ECE	Nano electronics: Devices and Materials	NPTEL HRD – Cursa	28th Apr - 4th May 2020

Workshop

Sl.No.	Faculty Name	Title	Institution	Date
1.	Mrs. Z. Asmathunnisa, AP/CSE	Cloud Computing	IITM Research Park, Chennai	26.01.2020
2.	Sr. A. Punitha Jilt, HOD/CSE	Video Content Creation	IQAC Marian College, Kuttikkanam	15.04.2020-17.04.2020
3.	Dr. A. Azhagappan, ASP/S&H	Basics of Documentation using LateX	Stella Maris College, Chennai	24.04.2020-30.04.2020

Sl.No.	Faculty Name	Title	Institution	Date
4.	Mr. N. Kumar, AP/CSE	Education 4.0	Atharva College of Engineering	28.04.2020-30.04.2020
5.	Ms. M. Premalatha, AP/EEE	Academic Book Writing & Related Topics	Springer Nature	22.05.2020
6.	Dr. S. Anita, HOD/ECE	Image Classification using MATLAB	Jain deemed to be University, Bangalore	24.05.2020
7.	Sr.Annai Theresa, AP/EEE	Machine Learning Applications for Power Engineers	Vellore Institute of Technology, Chennai	19.11.2020-21.11.2020
8.	Mr. S. Durairaj, AP/ECE	Antenna Design and its Applications	Mepco Schlenk Engineering College, Sivakasi	17.12.2020-19.12.2020

Short Term Training Programme

Sl.No.	Faculty Name	Title	Institution	Date
1.	Mr. S. Balabasker, AP/ECE	Python 3.4.3	Vellalar College for Women	01.03.2020
		Arduino Master Class	Pantech Prolabs India Pvt. Ltd.	13.11.2020-14.12.2020
2.	Mr. K. Sriram, AP/EEE	Modeling and Simulation of Renewable Energy Systems Using MATLAB	MNM Jain College of Engineering & Technology, Chennai	03.08.2020-08.08.2020
		Hands on Training on MATLAB and Advanced Optimization Techniques	Government College of Engineering, Krishnagiri	21.12.2020-26.12.2020
3.	Sr. Annai Theresa, AP/EEE	Learn to Design your own Solar Home System	Energy Literacy Drive of the Energy Swaraj Foundation	14.08.2020
		Recent Trends & Challenges in Smart Grid Technology	Sri Ramakrishna Engineering College, Coimbatore	17.08.2020-21.08.2020
4.	Mrs. D. Pauline Freeda, AP/CSE & Mrs. Z. Asmathunissa, AP/CSE	Python 3.4.3	Vellalar College for Women	01.03.2020
5.	Mr. S. Durairaj, AP/ECE & Mr. B. Arun Kumar, AP/ECE	Physics Wave Optics and Semiconductor and Electronics	Udemy	11.04.2020
6.	Mr. N. Kumar, AP/CSE	Front-End Framework: An NAAC Awareness Programme for Faculty	Marathwada Mitramandal's Institute of Technology	08.05.2020-14.05.2020
7.	Mr. S. Rajarajan, AP/CSE	Amazon Web Services	R.M.K. Engineering College, Chennai	04.06.2020-05.06.2020

Sl.No.	Faculty Name	Title	Institution	Date
8.	Mrs. B. Mary Amala Jenny, AP/ECE	Terahertz Band: Next Frontier for Wireless Communication	IFET College of Engineering, Villupuram	03.08.2020-08.08.2020
9.	Sr. Punitha Jilt, HOD/CSE	Research Methodology	National Institute of Technical Teachers Training and Research, Chennai	12.10.2020-16.10.2020

RESOURCE PERSON

- Sr. Punitha Jilt, HOD of CSE, was served as a resource person in two institutions for the following programmes as below:
  - She shared her knowledge during a workshop on Computer Hardware and Servicing at Annai Velankanni Polytechnic College on 30th February, 2020.
  - She attended the Independence Day Celebration as a Chief Guest at St. Anne's Matriculation Higher Secondary School, Panruti on 14th August, 2020.

STUDENT PARTICIPATION

- Our students had participated in the various technical events specifically during the lockdown. The details are given below:

Symposium

Sl.No.	Student Name	Event	Title/ Place	Institution	Date
1.	Ms. M. Pinodeepa, Ms. P. Delphina Mary, Ms. S. Santhiya & Ms. S. Shanthini of IV year ECE	Project Exhibition	Smart Fluid Level Monitoring & Controlling System	Idhaya Engineering College for Women, Chinnasalem	21.02.2020
2.	Ms. S. Jasmin Diana, Ms. R. Kalaiselvi, Ms. P. Chandralekha & Ms. S. Elakkiya of IV year ECE	Project Exhibition	Design and Analysis of Microstrip Patch Antenna using Jute Material	IECW, Chinnasalem	21.02.2020
3.	Ms. M. StephyGrafi, III/ECE	National Level Technical Symposium	Event Connectionz – I Place	MRK Institute of Technology, Kattumannarkoil	07.03.2020
4.	Ms. M. Nandhini & Ms. K. Priyadharshini of IV year ECE	National Level Technical Symposium	Event Connectionz- II Place	MRK Institute of Technology, Kattumannarkoil	07.03.2020
5.	Ms. M. Nandhini & Ms. K. Priyadharshini of IV year ECE	National Level Technical Symposium	Event Quiz- III Place	MRK Institute of Technology, Kattumannarkoil	07.03.2020
6.	Ms. A. Jasmine Medona, I/CSE, Mr. M. Dinesh Balaji, I/CSE, Mr. S. Bharani, I/EEE	Inter Collegiate Competition on National Armed Forces Flag Day	Winner	St. Anne's CET	07.12.2020

Sl.No.	Student Name	Event	Title/ Place	Institution	Date
7.	Mr. K. Sathish, I/Mech, Ms. G. Leela, I/ECE, Mr. R. Akash, I/ECE, Mr. S.R. Antony George, I/EEE & Ms. A. Jasmine Medona, I/CSE	Inter Collegiate Art Competition on National Conservation of Energy Day 2020	Winner	St. Anne's CET	14.12.2020
8.	Ms. M. Angelmarina, I/CSE, Ms. S. Chandiya, I/CSE, Ms. R.Sivaranjani, I/CSE, Ms. P. Vishnupriya, I/CSE, Ms. K. Srimathi, I/ECE & Ms. S. Keerthika, I/CSE	Inter Collegiate Quiz Competition on National Mathematics Day 2020	Winner	St. Anne's CET	22.12.2020

Online Course

Sl.No.	Student Name	Course	Institution	Date
1	Ms. R. Hanusha, III/CSE	Python 3 Tutorial Course and HTML Fundamental Course	Solo Learn	16.05.2020
		The Fundamentals of Digital Marketing	Google Digital	19.09.2020
		Google Analytics for Beginners	Google Analytics Academy	19.09.2020
2	Ms. R. Ramya, III/ CSE	Python 3 Tutorial Course and HTML Fundamental Course	Solo Learn	17.05.2020
		C Course and Java Course	Solo Learn	01.10.2020
3	Ms. S. Srimathi, IV/CSE	Career Skills	TCSiON	30.04.2020-10.05.2020
4	Mr. L. Rakhesh Jaghadish, III/CSE	The Fundamentals of Digital Marketing	Google Digital	22.04.2020

Workshop

Sl.No.	Student Name	Workshop Title	Institution	Date
1	Ms. P. Yuvarani, Ms. M. Malani, Mr. N. Rajadurai & Mr. M. Selva of III year ECE	IOT & Analytics	KPR Institute of Engineering and Technology, Coimbatore	14.02.2020-15.02.2020
2	Mr. P. Bharathi & Mr. J. Robinraj of I year Mech	Disintegration and Integration of Two Wheeler	CK College of Engineering & Technology, Cuddalore	25.02.2020

Sl.No.	Student Name	Workshop Title	Institution	Date
3	Ms. R. Ramya, Ms. K. Monisha, Ms. B. Vanitha & Mr. P. Praveen Kumar of III year CSE	LaTeX	MIT College of Railway Engineering and Research Barshi	14.05.2020-17.05.2020
4	Ms. R. Kogila, I/ECE	Guidelines for Writing a Research Paper	Arasu Engineering College, Kumbakonam	22.05.2020
5	Ms. R. Kogila, I/ECE, Ms. P. Vijayalakshmi, I/EEE & Ms. K. Bakkiyalakshmi, I/CSE	Essentials of Python Programming	Tagore Engineering College, Chennai	08.06.2020
6	Ms. S. Malarvizhi, Ms. S. Thamilarasi & Mr. V. Arun Kumar of IV year CSE	Angular JS	Christian College of Engineering and Technology.	26.06.2020

Quiz

Sl.No.	Student Name	Title	Institution	Date
1	Mr. L. Rakhesh Jaghadish, III/CSE	INFOMINES-2020	Dr.R.K.Shanmugam College of Arts and Science	17.05.2020
		Blue Book Series 2020-Equiz	SRMIST, Kattankulathur.	19.05.2020-25.05.2020
		Techies Quiz	Mohamed Sathak Hamid College of Arts and Science for Women, Ramanathapuram	22.05.2020
		HTML 5 Programming Language	Ramachandra College of Engineering	01.06.2020
		Big Data using Hadoop, Python, Advanced Data Structure, Web Technology and Cloud Computing	Pune Vidyarthi Griha's College of Engineering, Nashik	02.06.2020
		Data Structure using C, VLSI Design & Technology and Mobile Communication		03.06.2020
		Oracle Database		05.06.2020

Sl.No.	Student Name	Title	Institution	Date
2	Ms. R. Kogila, I/ECE	Intellectual Property Rights	School of Allied Health Sciences, VMRF-Du, Salem.	26.04.2020
		Logo Quiz	AMK Technological Polytechnic College, Chennai	07.05.2020
		Covid Awareness Quiz	Sri Sankara Arts and Science College, Kanchipuram	12.05.2020
		National Level NCC Quiz-2020	St. Claret College, Bengaluru	15.05.2020
3.	Ms. R. Hanusha, III/CSE	INFOMINES-2020	Dr.R.K.Shanmugam College of Arts and Science	17.05.2020
		Blue Book Series 2020-Equiz	SRMIST, Kattankulathur.	19.05.2020-25.05.2020
4.	Mr. N. Karthikeyan, III/CSE	INFOMINES-2020	Dr.R.K.Shanmugam College of Arts and Science	17.05.2020
		HTML 5 Programming Language	Ramachandra College of Engineering	01.06.2020
5.	Mr. M. Arun, I/MECH, Mr. K. Aakash & Mr. K. Gokul, I/EEE	34th National Science Day Celebration - Sci Quest 2020	Vellore Institute of Technology, Vellore	28.02.2020
6.	Mr. R. Santhosh Kumar, I/ECE, Mr. K. Rajesh, I/CSE & Mr. B. Dhivagar, I/CSE	Astronomy and Astrophysics Quiz	Loyola College, Chennai	06.03.2020
7.	Ms. P. Vijayalakshmi, I/EEE & Ms. R. Kokila, I/ECE	National Level Online Quiz-1 on Introduction to Mechatronics	Bharat Institute of Engineering and Technology, Hy9derabad	08.03.2020
8.	Mr. D. Logeshwaran, IV/CSE Ms. S. Malarvizhi, IV/CSE Ms. R. Leema Roseline, IV/CSE	Online Tech Quiz 2020	Nethaji Subash Chandra Bose College, Thiruvarur	04.05.2020-05.05.2020
9.	Mr. P. Sharchandhar, III/CSE & Ms. A. Leema Rose III/CSE	INFOMINES-2020	Dr.R.K.Shanmugam College of Arts and Science	17.05.2020
10.	Ms. R. Leema Roseline, IV/CSE	Techies Quiz	Mohamed Sathak Hamid College of Arts and Science for Women	22.05.2020

Sl.No.	Student Name	Title	Institution	Date
11.	Mr. G. Thirunavukarasu, IV/CSE	Computer Networks	Udaya College of Arts and Science	10.06.2020
12.	Mr. K. Karthick, II/CSE	Data Structure	MSU college, Pulinangudi	27.07.2020

- From the Department of CSE, 12 students and from I year, 14 students attended the Quiz on World Intellectual Property Day organized by IPR Cell and Institution's Innovation Council of Noorul Islam Centre for Higher Education, Kumaracoil, on 26th April, 2020.
- From I year, 14 students participated in the Quiz titled on E-Quiz Show conducted by Institute Innovation Council, St. Anne's College of Engineering and Technology, Panruti, on 7th May, 2020.
- From the Department of CSE, 14 students participated in the Ek Bharat Shreshtha Bharat Quiz conducted by Ministry of Tourism and MyGov. From the Department of CSE, 16 students participated in the Quiz on COVID-19 conducted by MyGov.
- From the Department of CSE, 17 students participated in COVID-19 General Awareness Quiz organized by the Institution Innovation Council Cell, St. Anne's College of Engineering and Technology.

WEBINAR

- Amidst the lockdown and the pandemic situation, all the Faculty and Students have been very committed and participated in various webinars and brought laurels to the institution. The efforts taken by the faculty is laudable in all aspects. Teaching staff members and students of all departments attended numerous webinars of their related field and their area of interest during the lockdown period from March to December, 2020.

GUEST LECTURE/SEMINAR/WEBINAR/WORKSHOP CONDUCTED

Sl. No.	Event	Title	Resource Person	Participant	Date
1.	Workshop	Electronic Circuit Design using E-Sim	Mr. S. Durairaj, AP/ECE	ECE students	11.01.2020
2.	Guest Lecture	Virtual Reality	Mrs. K. Poornambigai, AP/CSE & Mrs. Z. Asmathunnisa, AP/CSE	CSE students	07.02.2020
3.	Seminar	Basics of Differentiation and Integration	Mr. V. Prakash, AP/S&H	I year students	11.02.2020
4.	Workshop	Image Processing	Mrs. D. Pauline Freeda, AP/CSE & Ms. F. Pramisha, AP/CSE	III year CSE students	22.02.2020
5.	Workshop	Joy of Python Programming	Mr. S. Manavalan, AP/CSE	II year CSE students	22.02.2020

Sl. No.	Event	Title	Resource Person	Participant	Date
6.	Seminar	Women in Science	Dr. A. John Peter, HOD/S&H	I year students	28.02.2020
7.	Webinar	Art of Writing Research Paper	Mrs. Z. Asmathunnisa, AP/CSE	CSE students	19.09.2020
8.	Webinar	MS Package	Mr. N. Kumar, AP/CSE	CSE students	16.10.2020
9.	Webinar	How to handle Google Meet, Google classroom & Guidelines to Online Examination	Mr. S. Rajarajan, AP/CSE	CSE students	04.11.2020
10.	Guest Lecture	Why time is precious for Students	Mrs. Z. Asmathunnisa, AP/CSE	I year students	18.11.2020
11.	Webinar	National Service Scheme awareness	Mr. J. Ramesh, AP/EEE & NSS Program Officer	I year students	18.11.2020
12.	Webinar	Engineer to Entrepreneur	Dr. D. Ommurugadhasan, HOD/Mech	I year students	19.11.2020
13.	Guest Lecture	Personality Development	Dr. Sr. S. Anita, HOD/ECE	I year students	20.11.2020
14.	Webinar	How to plan and prepare for In Campus Placements	Mr. V.C. Eugin Martin Raj, HOD/EEE	I year students	20.11.2020
15.	Webinar	Art of Living	Sr. L. Deepa, System Administrator	I year students	28.11.2020

**Workshop on
Electronic Circuit Design using E-Sim**

**Guest Lecture on
Virtual Reality**

Seminar on Basics of Differentiation and Integration

Workshop on Joy of Python Programming

Seminar on Women in Science

Workshop on Image Processing
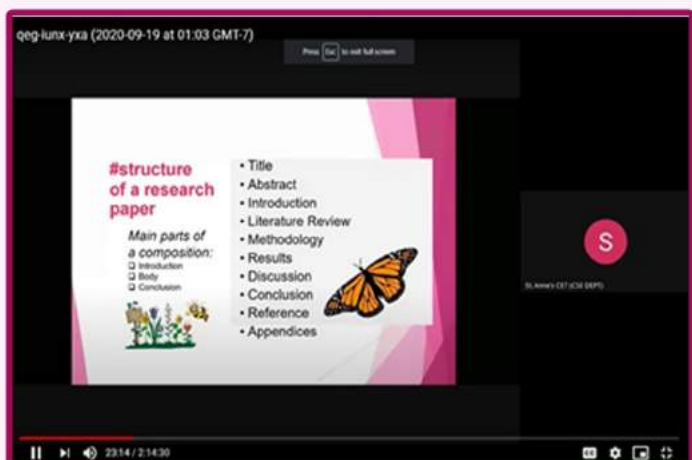
**Webinar on
Art of Writing Research Paper**
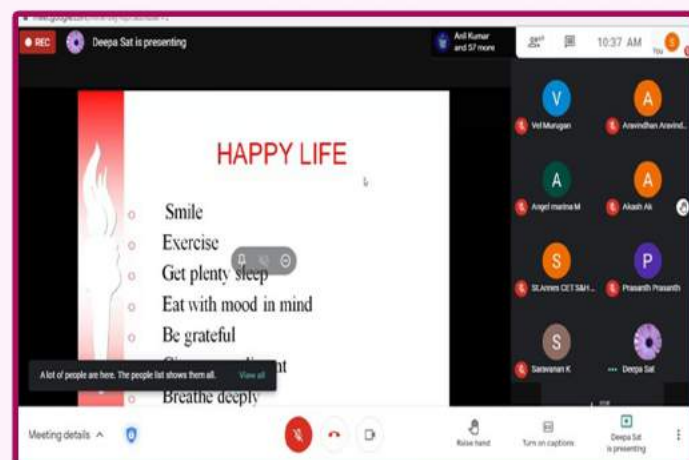
Webinar on Art of Living

Seminar on National Service Scheme

Webinar on Engineer to Entrepreneur
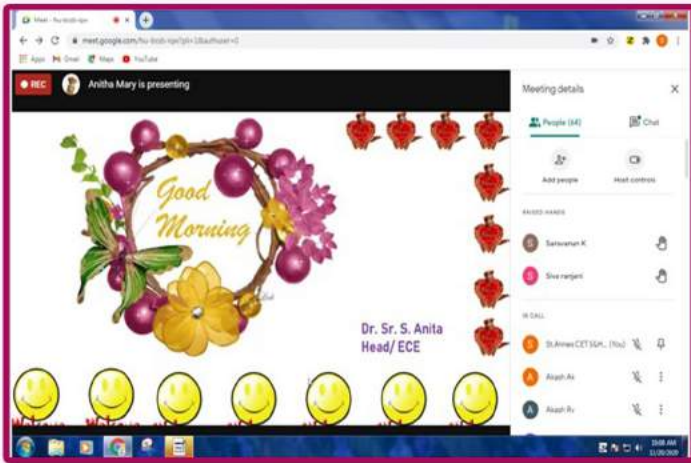
Guest Lecture on Personality Development
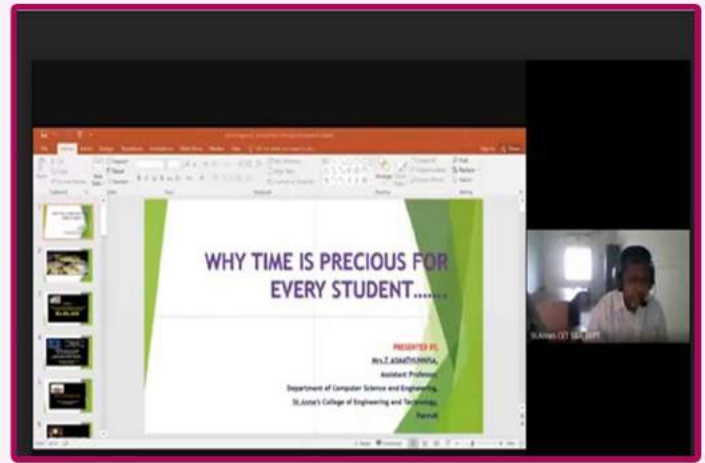
Guest Lecture on Why time is precious for Students
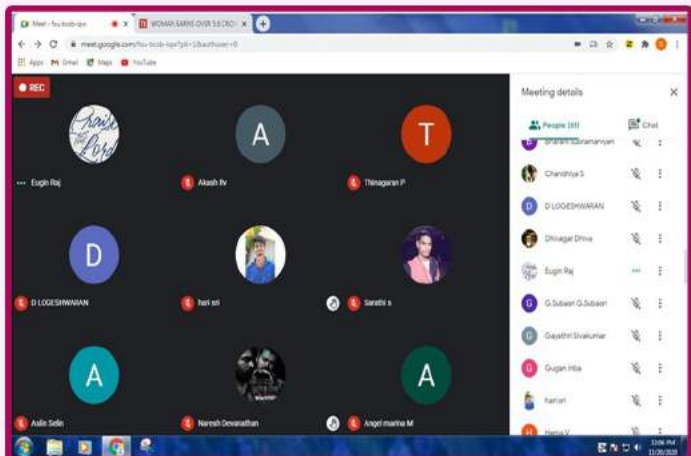
**Webinar on
How to plan and prepare for In-Campus Placements**
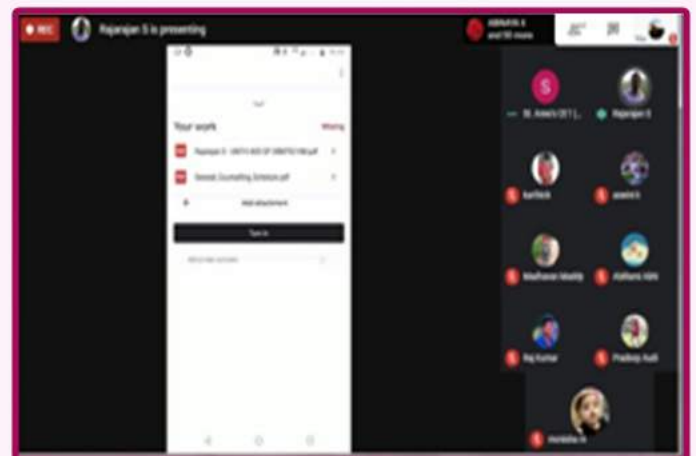
**Webinar on
How to handle Google Meet, Google Classroom**

- Department of Science and Humanities organized a Guest Lecture on "Applications of Nano Scale Science and Engineering" to give introduction on the applications of nanomaterials in the field of cosmetics, space technologies, diagnostics and therapeutic practices, especially treating cancer, gene therapy and in vitro diagnostics on 11th February, 2020, by Dr. F. Jancy Sophia, Assistant Professor, Department of Chemistry, C. Kandasamy Naidu College for Women, Cuddalore.

Guest Lecture on "Applications of NanoScale Science and Engineering"

- Department of ECE organized a Guest Lecture on "5G Technology". It was delivered by Dr. R. Dayana, Associate Professor, Department of Electronics and Communication Engineering,SRM Institute of Science and Technology,Chennai, on 13th February, 2020.All the ECE students attended this lecture and got benefitted.

Guest Lecture on "5G Technology"

- A five day Workshop on "Advanced Java Programming" was conducted by Mr. V. Arulraj, Technical Trainer, CDAC- St. Patrick Software Solutions, Puducherry, for the IV year students of CSE from 10th to 14th March, 2020. He started the session from basics of Java and proceeded with Servlets and JSP. The database connectivity using MySQL was also taught. Hands on session was given to the students to make them much familiar with the concepts. The students participated the workshop with much interested and benefitted.

Workshop on "Advanced Java Programming"

- Department of Computer Science and Engineering organized a Webinar on "Virtual Reality" on 20th May, 2020 through Youtube Live platform. Mr. R. Rajkumar, Assistant Professor/CSE, SRM Institute of Science and Technology, Kattankulathur, was the speaker of the session. He started about virtual reality in a basic way and explained how virtual reality can be adopted in various scenarios. The tools utilized for sensing the virtual environment was also discussed by him. Projects that may use VR in future was also explored by him. More than 1000 participants from various educational institutions including both Faculty, Students, and Industrial persons benefitted by this webinar.


Webinar on "Virtual Reality"

- Department of Electrical and Electronics Engineering has organized a one day Webinar on 29th May, 2020, on the topic "Industry 4.0 and Cyber Physical Systems" and it was presented by Dr. G. R. Kanagachidambaresan, Veltech University.

- Department of Computer Science and Engineering organized an International Webinar on "Web Development in Python using Pycharm" and "VFX Techniques in Video Editing" on 2nd and 3rd June, 2020, between 4.00 and 5.00PM using Youtube live platform. First day session was on "Web Development in Python using Pycharm" which was presented by Mr. R. Vinoth, Free Lancer, Full Stack Developer, Chennai. He started the session by introducing the basics of Python and demonstrated how a web page can be developed using Pycharm by illustrating simple examples in a detailed manner. Second day session was on "VFX Techniques in Video Editing". It was handled by Dr. D. Samson, Lecturer, DBMSJI University, Malawi, Africa, VFX Corporate Trainer and Free Lancer. He gave an introduction to VFX techniques & Filmora tool and explained how the video song was made up by using Visual Effects. Around 700 participants attended the webinar and got benefitted.

Webinar on
"Web Development in Python using Pycharm" &
"VFX Techniques in Video Editing"

- A Webinar on "Design of RF components for Radar Applications" was organized by Department of Electronics and Communication Engineering on 3rd October, 2020. It was presented by Ms. G. Kanimozhi, M.E, Junior Research Fellow, DRDO, Chennai through Google meet platform.

- Department of Mechanical Engineering organized a fiveday International Webinar Series from 3rd to 8th June, 2020, in the following titles:

| Date	Title	Resouce Person
3rd June 2020	Business Analyzation and Structure	Mr. Anbarasu Mahadevan, Founder & President, World Youth Federation
4th June 2020	Challenges and Opportunities in Transportation Sector Post Covid-19	Dr. K. Sudhakar, Senior Lecturer, Faculty of Mechanical Engineering & Research Fellow/Automotive Engineering Centre, University of Malaysia, Pahang, Malaysia
5th June 2020	Industry 4.0: The Fourth Industrial Revolution	Dr. Giriraj Mannayee, ASP, Department of Design & Automation, School of Mechanical Engineering, VIT, Vellore
6th June 2020	Emerging Trends, Challenges & Opportunities in Internal Combustion Engines	Dr. G. Karthikeyan, (Deputed), AP/Mech, Annamalai University, Chidambaram
8th June 2020	Advancement in Composite Materials	Dr. V. Satheesh Kumar (Deputed), AP/ Manufacturing Engg.,Annamalai University, Chidambaram
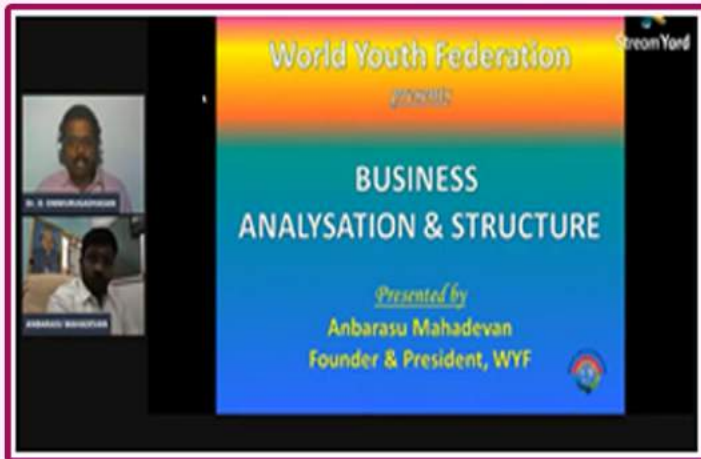
Business Analyzation and Structure

Challenges and Opportunities in
Transportation Sector Post Covid-19

Industry 4.0: The Fourth Industrial Revolution

Emerging Trends, Challenges & Opportunities
in Internal Combustion Engines
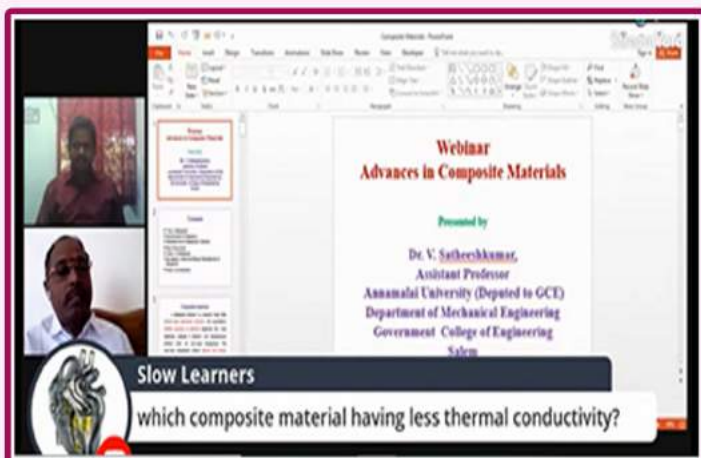
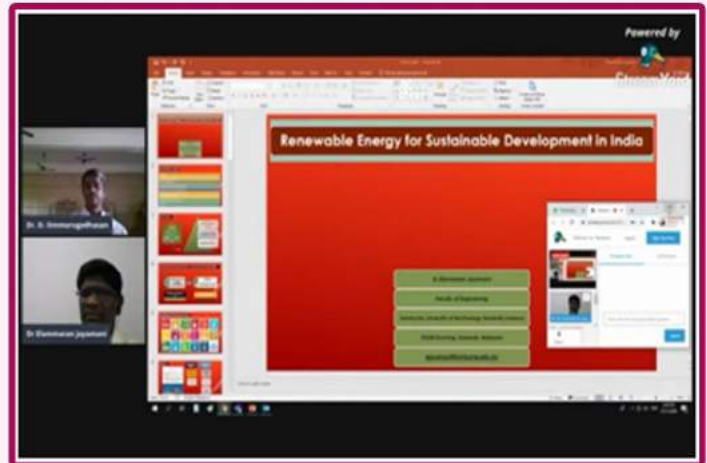Advancement in Composite Materials

Webinar on
"Design of RF components for Radar Applications"

- Department of CSE organized a Webinar on "Introduction on Data Science" on 5th October, 2020 between 10:00 AM and 11:30 AM. It was presented by Mr. S. Kennedy, Senior Data Scientist, Cognizant Technology Solutions, Chennai, through online in zoom platform. Nearly 70 students from II, III and IV year CSE had attended the event. This webinar enabled the students to learn more about the Data Science elaborately.

Webinar on "Introduction on Data Science"

- The inauguration of Student Induction Program for the freshers of St. Anne's College of Engineering and Technology was started on 11th November, 2020, at the College Auditorium at 10.00 AM. Dr. R. Arokiadass, Principal, delivered the inaugural address and inspired the students by his motivational speech. The Secretary Rev. Sr. Dr. Y. Yesu Thangam, SAT has presided over the function and delivered the presidential address. She highlighted the facilities in the college, opportunities for placement, and environmental safety existing for the well being of all students in the campus.

- Department of Mechanical Engineering organized a Webinar on "Renewable Energy for Sustainable Development in India" on 27th November,2020, between 02:00 and 03:00PM. It was presented by Dr. ElammaranJayamani, Senior Lecturer and Discipline leader for Mechanical Department, Swinburne University of Technology, Sarawak campus, Malaysia.

**Webinar on
"Renewable Energy for Sustainable Development in India"**

- The Department of Science and Humanities organized a webinar titled "Let Us Celebrate Our Flag" on 7th December, 2020, at 10.30 AM. The Chief Guest Rev. Dr. Sr. R. Shantha Mary Joshitta, Head of the Department of Computer Science, Jayaraj Annapackiam College for Women (Autonomous), Periyakulam, interacted with students about Indian Armed Forces Flag Day 2020. She explained the History of the day, significance and purpose behind celebrating Armed Forces Day. She insisted our national responsibility to support armed personnel and their families.

- The Department of Science and Humanities in association with Science and Humanities Engineering students Association have arranged an Inter – College Competition on National Armed Forces Flag Day on 7th December, 2020, under the theme of Tribute to the Armed Forces Veterans. Various Inter-House Competitions for first year students were held to mark the occasion. The competitions were a fusion of talent, imagination, creativity and alertness. It was the melodious solo song and instrumental, slogan or elocution. These activities helped to bring out the uniqueness of each individual student. Spontaneity and confidence were the hallmarks of the competition.
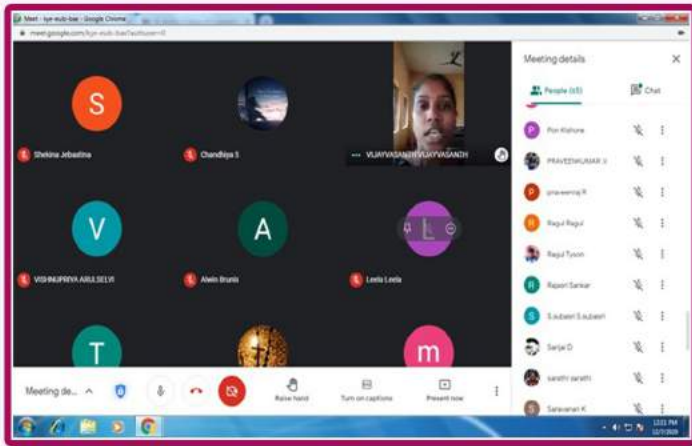
**Inter – College
Competitions on National Armed Forces Flag Day**

- The Department of Science and Humanities in association with Science and Humanities Engineering Students Association have arranged an Inter – Collegiate Competition on National Conservation of Energy Day, on 14th December, 2020, under the theme of Energy Saving Techniques in Current Scenario. The students created magnificent paintings on paper with colours. It was related to the present day scenario, where students could engage in skillful learning through the medium of Art. Students participated with great enthusiasm and zest. The students showcased their talents and their artistic skills while drawing the pictures.

- The Department of Science and Humanities had organized a webinar on "Materials for Energy Conservation" on 14th December, 2020. It was presented by Dr. R. Krishnan, Post-doc Research Associate, Department ofPhysics, University of the Free State, Bloemfontein, Republic of South Africa. He addressed about the Domestic energy consumption, Efficient energy use, Energy conservation law, Energy crisis, Energy monitoring and targeting.
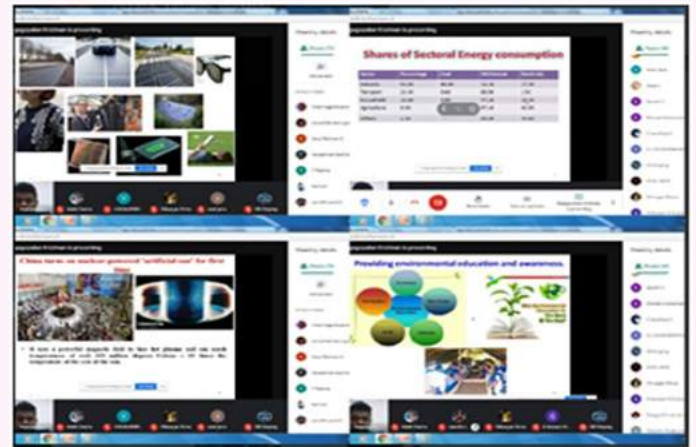
Webinar on "Materials for Energy Conservation"

- Department of CSE conducted a Webinar on "Deep Learning" on 17th December, 2020. It was presented by Dr. Ferdin Joe John Joseph, Lecturer, Faculty of Information Technology, Thai Nichi Institute of Technology, Bangkok. The webinar introduced about the concepts of Artificial Intelligence and Deep Learning. Nearly 90 students of our college actively participated and gained more knowledge about this concept.
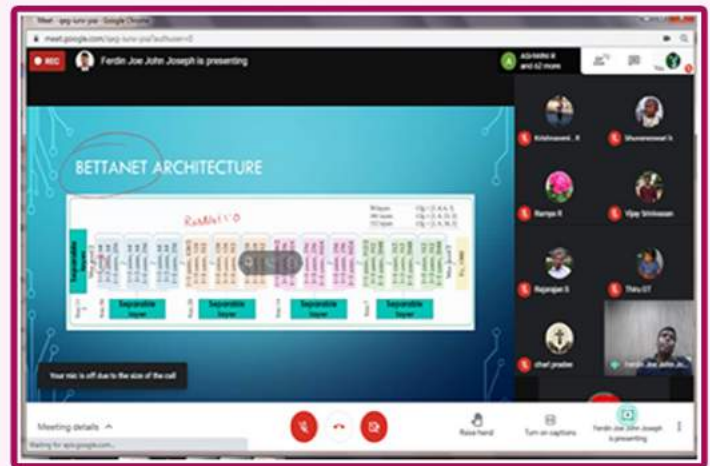
Webinar on "Deep Learning"

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National Mathematics Day Quiz competition

- The Department of Science and Humanities had organized a Webinar on "Ramanujan's Contributions to Mathematical World" on 22nd December, 2020. This lecture was conducted for I year students by Dr. P. Julia Mary, M.Sc., M.Phil., Ph.D., Assistant Professor in Mathematics, St. Joseph's College (Autonomous), Trichy.
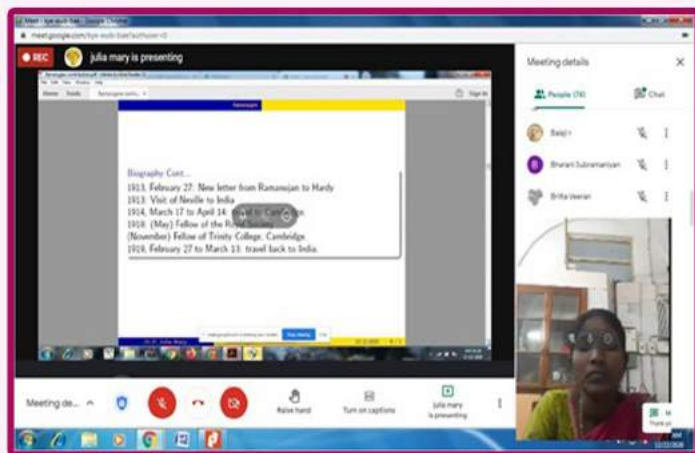
**Webinar on
"Ramanujan's Contributions to Mathematical World"**

RESEARCH AND DEVELOPMENT CELL
Internal Smart India Hackathon 2020

- An internal hackathon for Smart India Hackathon 2020 was organized by the Institute Innovation Cell on 7th February, 2020, in the Research and Development Cell. Dr. R. Arokiadass, Principal, Mr. S. Rajarajan, AP/CSE and Dr. A. John Peter, HOD/S&H served as jury of the Hackathon. Students from Mechanical Engineering, Electrical and Electronics Engineering, Electronics and communication Engineering and Computer Science Engineering had participated in the Hackathon.

Totally 13 batches presented their projects based on the problem statements (AG53-03, UK149-02, AD356-05, NH447-01, innovation-02) given by the MHRD. Mentors or innovation ambassadors had participated and put forth their ideas for the betterment of the projects. Out of it, 6 batches have been selected by the internal scrutinizing committee for representing the college in the grand finale of Smart India Hackathon (SIH) 2020. The selected teams are AG53-01, UK149, AD356-01, NH447-01 and Innovation-02, which are nominated for the grand finale SIH2020.

Internal Smart India Hackathon 2020

- The Department of Science and Humanities organized a webinar titled "Let Us Celebrate Our Flag" on 7th December, 2020, at 10.30 AM. The Chief Guest Rev. Dr. Sr. R. Shantha Mary Joshitta, Head of the Department of Computer Science, Jayaraj Annapackiam College for Women (Autonomous), Periyakulam, interacted with students about Indian Armed Forces Flag Day 2020. She explained the History of the day, significance and purpose behind celebrating Armed Forces Day. She insisted our national responsibility to support armed personnel and their families.

National Science Day 2020

- To mark the celebration of National Science Day 2020 and with a view to promote new ideas in the existing technology and its application in a smart built environment MHRD Institute Innovation Cell & Research and Development Cell organized a one day Student Project Contest 2020 on 28th February, 2020.

14 teams from various engineering backgrounds, with an emphasis on the branches of Computer, Electronics, Electrical and Mechanical Engineering had presented their innovative ideas. Jury Panel members selected four teams as prize winners and appreciated them with certificates and prizes.

As part of the programme, Technical lectures on the emerging topics were delivered. Mr. S. Balabasker, AP/ECE, delivered a Technical Lecture on LoRa WAN technology and Mrs. Z. Asmathunnisa, AP/CSE on Virtual Reality.


Student Project Contest - 2020

Webinar

- The Research and Development Cell in association with AICTE, MHRD Institute Innovation Cell conducted the webinar on "Engineering To Industry" for the students and teaching faculties on 28th November, 2020, from 02:00 to 03:00 PM. Mr. R. Nachiyappan Deputy General Manager, Design & Engineering, Larsen and Toubro Limited, Defence IC, delivered the lecture. He explained about what is the selection process, things to do and what are the skills we have to improve to get a dream job.
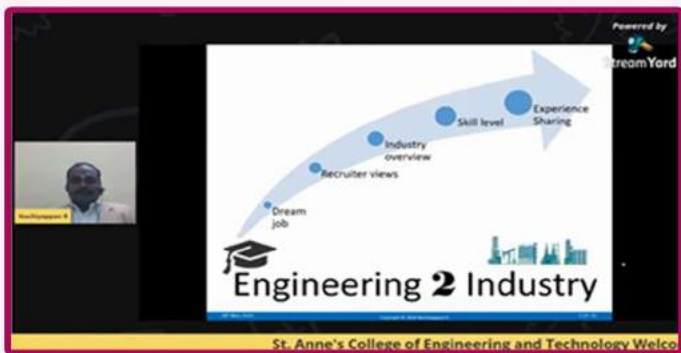
Webinar on "Engineering to Industry"

- The Research and Development Cell in association with AICTE and MHRD Institute Innovation Cell organized a Webinar on "Enterprise Applications and Cloud Platforms" on 4th December, 2020, between 9:30 and 10:30AM through Youtube live platform. Mr. Suresh Sundaram, Project Manager/Delivery Lead at SAP, Atlanta, USA, was the speaker of the session. He explained about the functioning of ERP system works, Supply Chain Management system, Customer Relationship Management and Cloud Computing. He presented it very clearly and simply, so that all can easily understand. 164 participants from various educational institution.
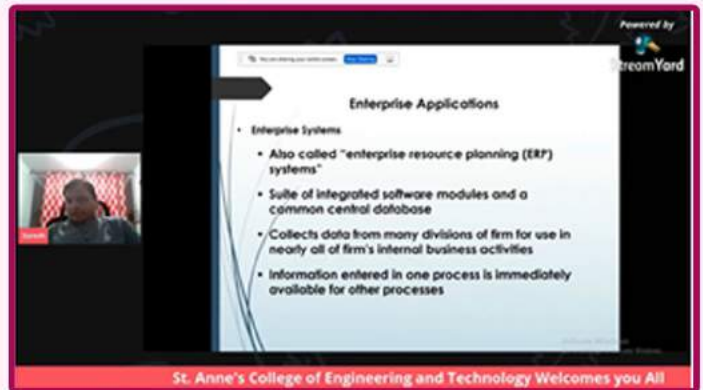
**Webinar on
Enterprise Applications and Cloud Platforms**

IIC Online Session

- Dr. S. Anita, HOD/ECE, Mr. A. Richard Pravin, AP/EEE, Mr. K. Sriram, AP/EEE and Mr. A. Sundarapandiyan, AP/EEE had attended a Leadership Talk Series organized by MHRD's Innovation Cell from 9th to 30th May, 2020.
- Dr. A. John Peter, HOD/S&H, Dr. A. Azhagappan, ASP/S&H, Mrs. D. Pauline Freeda, AP/CSE, Mrs. S. Ramya, AP/S&H, Mrs. K. Poornambigai, AP/CSE, Sr. Annai Theresa, AP/EEE, Ms. N. Saranya, AP/S&H, Mr. D. Sampath Kumar, AP/S&H, and Mrs. J. Joaquine Arokia Mary, AP/S&H, had participated in the IIC Online Sessions conducted by Institution's Innovation Council of MHRD's Innovation Cell, New Delhi, to promote Innovation, IPR, Entrepreneurship, and Start-ups among HEIs from 28th April to 22nd May, 2020.
- Ms. K. Monisha, Ms. K. Kavitha, Ms. R. Ashwini, Mr. N. Karthikeyan from III year CSE and Ms. R. Kogila, from I year ECE had participated in IIC Online Sessions Innovation IPR, Entrepreneurship and Start-Ups among HEI conducted by IIC of MHRD's Innovation Cell, New Delhi, from 22nd April to 22nd May, 2020.

INDUSTRIAL VISIT

Sl. No.	Date	Department	Year	Company
1	13.02.2020 & 14.02.2020	CSE	IV year	Bench Mark Tea Factory & Chocolate Factory, Ooty
2	15.02.2020	S&H	I year	International Bakery Products Ltd., Sriperumbudur.
3	05.03.2020	CSE	II & III year	**Radio Astronomy Centre,Ooty**
4	07.03.2020	MECH	II Year	Sakthi Enterprises

IV year CSE Industrial Visit, Ooty

Radio Astronomy Centre, Ooty

Radio Astronomy Centre, Ooty

International Bakery Products Ltd., Sriperumbudur

TRAINING PROGRAM

- Entrepreneurship Training Programme – "From Desire to Destination" was conducted by Mechanical Engineering Students Association (MESA) in association with ISTE student's chapter, on 21st January, 2020. The resource persons, Mr. Anbarasu Mahadevan, President, World Youth Federation and Mr. G. Senthamizh Selvan Co-Founder & Director, World Youth Federation, explained how to get financial aids from various sources to start their own business.
- A training programme on "Assembling and Dissembling of IC Engines" was conducted for the third year Mechanical Engineering students on 4th February, 2020, by Mr. Krishnamoorthy, Head, Department of MECH, Annai Velankanni Polytechnic College. Students enhanced their knowledge during this programme.

PLACEMENT AND TRAINING

- An On-campus Drive was arranged for IV Year students of Department of Computer Science and Engineering and Students from Mailam Engineering College, Mailam. Mr. Senthil Murugan, CEO of Infiniti Digital Art Media Solutions, Chennai, conducted the interview on 6th January, 2020, and 4 students were selected and placement order was issued to all the students to work.
- An On-campus Drive was arranged for IV Year students of Department of Mechanical Engineering, Electrical and Electronics Engineering and Electronics and Communication Engineering. Mrs. Kiruthika, HR from Globe Components, Chennai, conducted the interview on 9th January, 2020 and 25 students were selected and placement order was issued to all the students to work.
- An On-campus Drive was arranged for IV Year students of Department of Mechanical Engineering. HRs' from K.K. Precision Components, Chennai, conducted the interview on 10th January, 2020, and 9 students were selected and placement order was issued to all the students to work.
- An On-campus Drive was arranged for IV Year students of Department of Mechanical Engineering. A team from Perfect Gears, Chennai, conducted the interview on 6th March, 2020, and 15 students were selected and placement order was issued to all the students to work.

- An On-campus Drive was arranged for IV Year students of Department of Mechanical Engineering, Electrical and Electronics Engineering and Electronics and Communication Engineering. A team from Newtech Precision Products Private Limited, Chennai, conducted the interview on 9th March, 2020, and 18 students were selected and placement order was issued to all the students to work.
- An On-campus Drive was arranged for IV Year students of Department of Computer Science Engineering, Electrical and Electronics Engineering and Electronics and Communication Engineering. Ms. Anusha, HR from Venpa Staffing Solutions, Chennai, conducted the interview on 9th March, 2020 for Flextronixs, Chennai, and 25 students were selected and placement order was issued to all the students to work.
- An Off Campus Interview for IV Year students of Department of Computer Science Engineering was organized in the GenX Lead Company, Chennai. Students were sent to the Company and after the interview process of three rounds 1 Student was selected on 17th March, 2020.

NATIONAL SERVICE SCHEME
Blood Donation Camp

- The NSS team has organized a blood donation camp on 29th January, 2020, in the College Campus. Dr. Sr. Yesu Thangam, Secretary, presided the event and Dr. R. Arokiadass, Principal, inaugurated the blood donation camp. Mr. Kathiravan, Superintendent of AIDS Prevention and Control of Cuddalore District, elaborated the importance of blood donation to save lives. Mr. Unnikrishnan, CSR, NLC and Dr. Rogothaman were also present there. Many Staff and students generously donated blood to save many lives. Certificates were issued to the donors.

7 Day Camp

The NSS unit in association with Anna University, organized a seven day NSS Special Camp from 10th to 16th February, 2020, in the adopted village, Kokkupalayam, Panruti Taluk, Cuddalore District. The motto of the NSS special camp is 'Clean India-Youth's Contribution'. The objective of the camp is to impart the villagers the importance of education and health and hygiene for the upliftment of their social economic status.

During Inauguration - The chief guests Dr. R. Arokiadass, Principal, Sr. Punitha Jilt, Vice Principal, of St. Anne's CET, and Mrs. G. Kala, Head Mistress, Primary School, Kokkupalayam, Mr. K. G. Desingu, PTA, President of Primary School, Kokkupalayam, Village President, the Ward Counselors, NSS Officers and NSS volunteers attended the inauguration. Many village people attended and encouraged the Volunteers. Volunteers visited the people in their houses, interacted with themand discussed about the activities of the camp. The Volunteers explained the harmful effect of open defecation and encouraged them to use toilets. The following important activities were organized in the camp:

- NSS Volunteers undertook the cleaning and painting work in the Primary School Campus at Kokkupalayam and motivated the children about the importance of education and how they should study their lessons.
- Mr. J. Balaji, NSS Program officer of AnnaiVelankanni Polytechnic College, Anguchettypalayam, Panruti, addressed the students and the villagers on "Clean India-Youth's Contribution" and motivated them.
- **Herbal Medicine Camp:** Rev. Sr. Jesu Rathinam from Santha Maria Ashram,Thenpakkam, explained the importance of using Herbal Medicine for all kinds of diseases. She had shown some alive herbals and explained how they can be used to alleviate various diseases.
- **Rally:**The NSS Volunteers undertook a rally on "Plastic Eradication Awareness" and picked up the plastics then and there, cleaned the village roads, removed dust heaps, cleared the stagnant drainage flows to create awareness on cleanliness and hygiene.
- **Free General Medical Camp:** Dr. Jesu Antony Ezhilarasu, Senior Divisional Medical Officer, Southern Railway, Trichy, examined many aged people, children, men and women and advised them to take the prescribed medicine for their diseases. Sugar test was conducted on the people and many were identified as diabetics. Nearly 150 people of Kokkupalayam village have benefited by this medical camp.

- **Awareness on Cellphones:** Rev. Dr. Sr. Anita HOD/ECE gave an Awareness speech on "Cell phone is Boon? Or Bane?" to the youngsters of Kokkupalayam village.
- **Tree Plantation:** The NSS Officers and the Volunteers have planted 250 saplings in the surroundings of Kokkupalayam village.
- **Sports Competition:** Various sports and games were conducted to the primary school children of Kokkupalayam. They joyously participated and involved in all the events with enthusiasm.
- **Awareness Speech on Corona Virus:** Rev. Sr. Annai Therasa, AP/EEE gave a speech on "Causes and Symptoms of Corona Virus" to the Volunteers and the village people.
- **Free Veterinary Camp:** Dr. Vasantharani, Asst. Veterinary Medical officer, and Dr. T. U. Velmurugan, Asst. Veterinary Medical officer, from Anguchettypalayam, conducted this camp. During the camp, one hundred eleven (111) animals were treated for different medical, surgical and gynecological ailments.
- **AIDS Awareness:** Dr. K. Kathiravan, District Supervisor and AIDS Prevention and Controller, Cuddalore, gave an awareness speech on HIV/AIDS. The NSS students took part actively in this session, asked many questions related to this topic and cleared their doubts and misconception.
- **Valediction:** Dr. Sr. Yesu Thangam, Secretary and Dr. R. Arokiadass, Principal, Mrs. G. Kala, Head Mistress, Primary School, Kokkupalayam, Mr. Pasupathi, President, Exnora-club, Panruti, Village President and Ward Counselors,NSS Officers and Volunteers attended the function.
- The NSS volunteers staged several cultural items, including a mime on the theme of "Women Empowerment". This camp enabled the students to promote cleanliness, to enhance their awareness on the need of villagers and to develop a kind heart to serve the society.

7 Day Camp

Campus Cleaning

The NSS unit organized a Campus Cleaning Event on 13th March,2020 in the college campus. NSS volunteers actively participated in the event under the theme of 'Cleanliness is next to the Godliness'. The places in an around the college campus were cleaned by NSS volunteers.

Parent - Teacher Meet 2020

- Parent – Teacher Meet was conducted in our college on 7th February, 2020. Dr. R. Arokiadass, Principal, explained about the Anna University new rules regarding the examination and the corrective measures taken by our college to help the students with arrear subjects.

CELEBRATION @ ST.ANNE'S

Republic Day

The 71st Republic Day was celebrated on 26th January, 2020, in our college premises. Rev. Dr. Sr. Yesu Thangam, Secretary, St. Anne's CET, welcomed the gathering. The Chief Guest Rev. Fr. Arokiaraj, unfurled the National Flag and addressed the students about the sacrifices made by our great freedom fighters. The staff members and students took pledge and the National Anthem echoed in the entire campus.

International Women's Day 2020

International Women's day was celebrated on 7th March, 2020, in our College Auditorium. Mrs. B. Kanchana, Joint Director/Project Co-ordinator, Mahalir Thittam, Cuddalore, was the Chief Guest. She motivated the students to crack competitive examinations by sharing her own experiences. Rev. Sr. Dr. Y. Yesu Thangam, Secretary, delivered her Presidential Address which included the real stories of three differently abled women achievers. Dr. R. Arokiadass, Principal, conveyed his wishes and pointed out the importance of women in everybody's life. Rev. Sr. Dr. Y. Yesu Thangam, Secretary, released the News Epistle of July - December 2019 and the copy was received by the Chief Guest Mrs. B. Kanchana, Principal and all the department HODs. Games were conducted to all girl students and women staff members and winners were given prizes.

Christmas Celebration

Christmas was celebrated in our college on 23rd December, 2020. The function was started with a prayer conducted by EEE department. The event of Christmas friend revealing was organized by ECE department. The Christmas friend revealing and cultural events were conducted with much happiness. Each and every one shared their gifts with their Christmas friend. Dr. R. Arokiadass, Principal, praised the way of conducting the prayer and gave a Christmas message. Rev. Dr. Sr. Y. Yesu Thangam, Secretary, shared about the origination of Santa Clause and gift sharing.

Year of the Differently Abled Valedictory Function

The Congregation of the Sisters of St. Anne's of Trichy in association with St. Anne's College of Engineeering and Technology and Annai Velankanni Polytechnic College organized the Valedictory celebration of the year 2019 - 2020 of the differently abled on 14th March, 2020. It was started with Holy Mass in the College Chapel, conducted by Rev. Fr. Maria Anandharaj, Parish Priest Panikankuppam and Rev. Dr. Fr. Arul selvam Rayappan, Professor in Canon Law, St. Peter's Pontifical Seminary, Bangalore. Rev. Mother Rajeenal, Superior General, SAT, Secretary Sisters, Principals, Sisters and staff of both the colleges and many sisters and students from various special schools and homes run by The Sisters of St. Anne, Trichy, attended the Holy Mass. Then, the differently abled students exhibited their handicrafts. Students and staff from various schools in and around Panruti visited the exhibition.

Valedictory function was held at the AVPTC auditorium. Rev. Mother Rajeenal, SAT presented the presidential address. The Chief guest Rev. Dr. Fr. ArulselvamRayappanaddressed the gathering. The guest of honor Dr. Thatchinamoorthy, District differently Abled welfare Officer, Cuddalore, gave felicitation address. The Principals, Staff and students of both colleges attended the function.Nearly 17 schools and 100 differently abled students took part in the art and cultural events. This event is hosted by both the Colleges.

St. Anne's Feast Day

St. Anne's Feast, the Patron Saint of the Sisters of St. Anne, was celebrated on 26th July, 2020, in a simple manner in our college premises. All the staff members took part in this celebration.

CELEBRATION @ ST.ANNE'S

Year of the Differently Abled Valedictory Function

International Women's Day

St. Anne's Feast Day

Christmas Celebration

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