

Annapoorana Engineering College







AEC Chronicle

NEWS LETTER Volume 2, Issue 2



Annapoorana Engineering College



FOUNDER CHAIRMAN & MADAM FOUNDER CHAIRMAN

Annapoorana Engineering College (AEC) was promoted by the famous Thirumuruga Kirupananda Variyar Thavathiru Sundara Swamigal Medical Educational and Charitable Trust (TKVTSSMEC Trust) in the year 2010. The trust is a pioneer in offering higher education for over 3 decades in the fields of Medicine, Engineering, Dental, Pharmacy, Nursing, etc., It is always striving to impart quality education to all the students by providing state of art facilities, good academic ambience, opportunities to interact with top academicians / professionals and right motivation to take part in co-curricular and extracurricular activities. Thereby enabling them to develop deeply into the aspects of modern technology.

No account of the history can be complete without remembering the pioneering work of our **Founder Chairman Dr.A.Shanmugasundaram**. It is the philanthropy of our Founder Chairman that has made this College - a seat of Social Reform Movements, Cultural Renaissance and Intellectual Awakening for the young men and women of many - in this part of the country.

Annapoorana Engineering College is becoming a shining example of 'inclusive' culture providing quality education to students belonging to socially deprived groups. In this sense, this college is proving to be fore-runner to the principle of social justice that was powerfully enunciated and enshrined in the constitution of Indian Republic. It aims at producing "Industry Ready World Class Engineers".

Seminar on "Thermo Fluids and Combustion"



One day seminar on "Thermo Fluids and Combustion" was conducted by the Department of Automobile Engineering, on 05.01.19. **Mr. A.L. Arul Anand, General Manager, TATA Motors** was the invitee. This seminars helped students to know about the Thermo fluids and Combustion Group and where it is engaged in a broad range of research activities in thermodynamics and fluid dynamics, heat transfer and combustion, with a strong emphasis on the application of computational modelling and advanced optical diagnostic methods.

The seminar has a strong emphasis on the fundamentals and application of advanced computational modelling and optical diagnostic methods relevant to the automotive, engine, power train, and power, environmental and medical industries. The Thermo fluids groups aims at generating sustainable CO₂-free energy sources for power train and find effective solutions to reduce CO and NOx emissions. The group also works on several fundamental questions in strong connection with environmental and health Issues such as the dispersion and mixing processes related to Carbon Capture and Storage technologies. To tackle all the technological challenges inherent to environmental topics, the Thermo fluids group can rely on cutting-edge facilities such as In-Situ Engine Optical Diagnostic systems and advanced computing resources for CFD, and on strong working partnerships with a wide range of industrial and research organizations including Caterpillar, DERA, EPSRC, ETI, Ford, Hard staff, Jaguar Land Rover, Lotus, Perkins Engines and the Technology Strategy Board.

Guest Lecture on "Pin Foundation"

A guest lecture on "Pin foundation" was conducted by the department of Civil Engineering on 5th January 2019. **Dr.A.R.Prakash from Sona College of Technology, Salem** was the keynote speaker who in his lecture said that pin foundation systems allow the construction of structures with substantial loads in areas with soft soils or in places where existing groundcover retention is desired. Construction requires a heavy duty air compressor and minor labour.

Guest Lecture on "Battery-Less Mobile"

A guest lecture on "Battery-Less Mobile" was conducted by the department of ECE on 30.01.19. **Dr. K. M. PALANISWAMY, Professor / Department of ECE, Dr.T.Thimmaiah Institute of Technology, Kolar Gold Field, Karnataka** highlighted the emergence of mobile phones without battery. The performance is better as compared to others, but it is still a mystery if discussed in terms of long life. The idea of Battery-Less Smart phones was initiated by a group of researchers from "The University of Washington", who invented the phone with a dial pad, and to the next level of astonishment, the phone was designed so that it could harvest energy from "Radio Signals". The phone developed, features a dial pad, a small led light, and will also include an E-ink display.

On-Campus Placement Drive



A placement drive was arranged for final year students on 01.02.2019. **Cronus Infotech, Salem** was the company to offer placement in which more than 250 students took part. Finally 52 students were selected. The offer letters for the placed students were distributed and appreciated by Dr.A.Anbuchezian, Principal, Dr.S.Sharavanan, Vice Principal and Dr.O.Saravanan, Dean-First year.

Blood Donation Camp @ AEC



Blood donation camp was organized in Annapoorana Engineering College in association with VIMS hospitals on 06.02.19. About 35 faculty members and students participated and donated blood. **Dr.V.P.Chandrasekar, VIMS, Salem** explained the importance of donating

blood and appreciated the participants who donated blood. He highlighted the efforts taken by students during emergency situations in saving the life of human beings. He also assured that free health check up will be done for all blood donors.



Guest Lecture on "Anti-Lock Braking System"

A guest lecture on 'Anti-Lock Braking System" was conducted by the Department of Automobile Engineering, AEC on 09.02.19. **Mr.R.Sharath Chandar, MD / MAXX CADD, Coimbatore** was the resource person. He explained how the system helps the driver maintain some steering ability and avoid skidding while braking. The typical ABS system includes wheel-speed sensors, a hydraulic control unit, and an electronic control unit. When you apply the brake pedal, the electronic control unit monitors and compares the signals from the wheel-speed sensors. If the electronic control unit senses rapid deceleration at a given wheel, the electronic control unit to reduce hydraulic pressure to that wheel. This type of pressure limiting is similar to pumping the brake pedal, only much faster. Some pick-up trucks and cargo vans have rear-wheel only ABS to handle different braking needs under different loading conditions. Since the ABS will not allow the tire to stop rotating, one can brake and steer at the same time. The braking and steering ability of the vehicle is limited by the amount of traction the tire can generate.

Workshop on "Strengthening of Steel Structures"



A workshop on "Strengthening of steel structures" was conducted on February 9th, 2019. The invitee was **Er.R.Deiveegan, SCT, Oman.** Steel structures are strengthened with externally bonded FRP materials are susceptible to three primary degradation mechanisms, galvanic corrosion, interfacial degradation and degradation of the bulk adhesive. Since steel and carbon have significantly different electrical potentials, early studies on environmental durability focused specifically on the possibility of accelerated corrosion of the steel member due to galvanic coupling with the carbon fibres. The primary concern in this case was that bonding CFRP directly to the steel member would induce a galvanic current thereby accelerating the degradation of the competent structural steel. Consequently galvanic corrosion could potentially decrease the serviceable life of the structure. Therefore, considerable research effort was expended to characterize the corrosion behaviour of steel bonded to CFRP. The research indicates that CFRP-based strengthening systems, when properly detailed, exhibit a minimal risk for inducing galvanic corrosion. The adhesives that are used to bond FRP materials to steel structures are susceptible to degradation of their mechanical properties due to exposure to environmental conditions.



National Workshop on "Database Management Systems"

A National workshop on Database Management Systems was organized by the Department of Computer Science and Engineering of Annapoorana Engineering College (AEC),

Salem on 11th Feb 2019. Database is a collection of inter-related data which helps in efficient retrieval, insertion and deletion of data from database and organizes the data in the form of tables, views, schemas, reports etc. For Example, university database organizes the data about students, faculty, and admin staff etc. which helps in efficient retrieval, insertion and deletion of data from it.

The workshop started with welcome address by Dr.A.Anbuchezian, Principal, AEC. The introductory talk about the workshop was given by Dr. S.Sharavanan, Head, Department of Computer Science and Engineering, AEC. The workshop comprised of lectures interleaved with hands-on training. The resource person of the workshop is **Mr.S.Syed Imran, Business Analyst, Honeywell Technologies, Bangalore.** The workshop was well attended and students from various engineering colleges and universities from Tamilnadu participated in the workshop.

The workshop received an excellent feedback from the participants and they had appreciated the method of delivery, model programs and the hands-on exercise. The valedictory address was delivered by Dr.T.Buvaneswari, Head, Department of CSE, AEC handed over the certificates to the participants for their successful completion of the workshop.



Guest Lecture on "Advanced Manufacturing"

A guest lecture on "Advanced Manufacturing" was conducted by the department of Mechanical Engineering on 11.02.19. The use of innovative technology to improve products or processes, with the relevant technology being described as "advanced," "innovative," or "cutting edge." Advanced manufacturing industries "increasingly integrate new innovative technologies in both products and processes. World Class Manufacturing (WCM) "integrates the latest-generation machinery with systems to facilitate Manufacturing- Based Business Development governed around manufactured products only, duly based over a high accent on Product Substitution or New Product Development. Advanced manufacturing is the use of innovative technologies and methodologies for improved competitiveness in the manufacturing sectors was clearly explained by the guest speaker **Dr.S.Dhanalakshmi, Assistant Professor, Government College of Engineering, Salem.**

Training / Coaching Classes for IAS & IPS Examinations



Training / Coaching classes for facing IAS & IPS Exams were started in Annapoorana Engineering College, Periyaseeragapadi, Salem. **Mr.Venkatesh Kumar, Founder Chairman of "The Impact IAS Academy"** and Dr.A.Anbuchezian, Principal, Annapoorana Engineering College signed **MoU** in this regard. Through this training can be offered at a lower cost to rural students not only to appear for IAS & IPS Exams, but also to face competitive examinations such as TNPSC, UPSC, etc..,

"While undergoing regular courses, students should join such training courses and utilise such opportunities", Dr.Anbuchezian opined. Dr.S.Sharavanan, Vice Principal, reiterated the view of the Princpal. In his inaugural speech, Mr.Venkatesh Kumar regretted that majority of the Tamil Students do not come forward to face even a single competitive examinations till they finish their regular degree courses. But in North India, the scenario is totally different. There, even to join degree courses, writing competitive examinations is a must. They become mentally prepared even from a very young age. Hence even appearing for IAS Examinations does not seem to be an agony for them.

But Tamil students get ready for the competitive examinations only after completing their UG Courses. Therefore it appears to be a Himalayan Task for them. This also can be tackled just like a child's play.



Workshop on "Next Generation Technologies"

A One Day Workshop conducted on 2nd March 2019 organized by ECE department of Annapoorana Engineering College. **Mr.M.Uma Mageswaran, Specialist from Tata Elxsi Ltd. Bangalore** was the invitee of the workshop who clearly explained about the Next Generation Technologies such as High-efficiency video coding (H.265) which has been implemented for adoption into multiple consumer electronics devices as a software solution.

He also explained about the compression technique involved in HEVC (H.265). He also highlighted about the new video codec which will compress video files into half the size possible using the most-efficient current encoding format, MPEG-4. It can be used in Tablets and Set Top Boxes where Video On Demand content streaming becomes essential, not only for 4K, but also for Full HD viewing with reduced bandwidth and cost. All the participants were shown the new video codec compression using the coding techniques.



Signing of MOU with "Salem Productivity Council"

Annapoorana Engineering College in collaboration with Salem Productivity Council signed MoU for student for promoting student Entrepreneurship. **Mr.Ramanathan, Chairman and Mr.Ragunathan, Secretary** were present for signing the MoU and gave awareness about entrepreneurship development and the helps rendered by the central and state government in making start-up business.

Guest Lecture on "Hybrid Electric Vehicle"



A guest lecture on "Hybrid Electric Vehicle" was organized on 02.03.2019 by the department of EEE. **Prof. K. Sathish, Assistant Professor, SCT** was the key note speaker for this event. A Hybrid Electric Vehicle (HEV) is a type of hybrid vehicle that combines a conventional Internal Combustion Engine (ICE) system with an electric propulsion system. The presence of the electric power train is intended to achieve either better fuel economy than a conventional vehicle or better performance.

Workshop on "Nano Robotics"

A workshop on "Nano Robotics" was organized by the Department of Mechanical Engineering, Annapoorana Engineering College (AEC), Salem on 04.03.19. Nano robotics is the technology of creating machines or robots at or close to the scale of a Nanometer. Nano Robots are typically devices ranging in size from 0.1-10 micrometers and constructed of Nano Scale or molecular components. More specifically, Nano robotics refers to the still largely theoretical Nano Technology engineering discipline of designing and building Nano Robots. Nano Robots are typically devices ranging in size from 0.1-10 micrometers and constructed of Nano Scale or molecular components. As no artificial non-biological Nano Robots have so far been created, they remain a hypothetical concept at this time. Another definition sometimes used is a robot which allows precision interactions with Nano scale objects, or can manipulate with Nanos Cale Resolution.

The workshop started with welcome address by Dr.A.Anbuchezian, Principal, AEC. The workshop comprised of lectures interleaved with hands-on training. The resource persons of the workshop are **Dr.K.Selvaraj**, **Head**, **Department of Mechanical Engineering**, **Dhirajlal Gandhi College of Technology**, **Salem**. The workshop was well attended and students from various engineering colleges and universities from Tamilnadu participated in the workshop.

Guest Lecture on "Software Analysis"



A guest lecture on Software Analysis was organized by the Department of Computer Science and Engineering, Annapoorana Engineering College (AEC), Salem on 04.03.19 Software Analysis Report accounts for all Issues and measures contained in the System Evaluation Plan. A SAR is also prepared to support a System Assessment (SA) when the analysis is too detailed or inappropriate for inclusion in the SA and addresses only those Issues and measures contained in the SA. The Test Analysis Report records results of the tests, presents the capabilities and deficiencies for review, and provides a means of assessing software progression to the next stage of development or testing.

The workshop started with welcome address by Dr.A.Anbuchezian, Principal, AEC. The introductory talk about the workshop was given by Dr.S.Sharavanan, Head, Department of Computer Science and Engineering, AEC. The workshop comprised of lectures interleaved with hands-on training. The resource person of the workshop was **Mr.R.Prabu**, **Senior Network Engineer, Tulip Telecom Ltd, Chennai**. Speaking on the occasion, Mr.R.Prabu said "With the learning, there is a strong need of unlearning, relearning how to teach the new generation students in this highly technological world. The workshop was well attended and students from various engineering colleges and universities from Tamilnadu participated in the workshop.



Guest Lecture on "Plastic as Soil Stabilizer"

A guest lecture was conducted on "Plastic as Soil stabilizer" by the Department of Civil Engineering on 05.03.2019. Stabilisation of a fine-grained soil using plastic waste was explained by the invitee **Er.K.Srinivasan, MD of Siragu associates**. Samples when prepared by mixing with four different plastic waste contents (0, 0.5, 1, and 1.5% of weight of dry soil). Variations in compaction characteristics and unconfined compressive strength are investigated as per Indian standard experimental procedures. Percentage decrease / increase in the stated parameters is computed with respect to their untreated value. Study shows that plastic waste additive increases maximum dry density, optimum moisture content, and unconfined compressive strength to some extent. The plastic waste cut into strips form of size 5 mm \times 3 mm was dealt in detail by the speaker.

Workshop on "Composite Materials"



A workshop on Composite materials was organized by the department of Automobile Engineering on 05.03.19. Composite Material was explained well by the invitee **Prof.K.Prasadbabu, Civil Engineering, Mahendra Engineering College** as a combination of two or more materials that results in better properties than those of the individual components used alone. In contrast to Metallic Alloys, each material retains its separate chemical, physical, and mechanical properties. The two constituents are reinforcement and a matrix. The main advantages of composite materials are their high strength and stiffness, combined with low density, when compared with bulk materials, allowing for a weight reduction in the finished part. The reinforcing phase provides the strength and stiffness.

Awareness about Higher Education



An awareness programme on higher education was conducted by Annapoorana Engineering College at Edappadi & Ammapet, Salem for the students who have completed 12th standard. Dr.A.Anbuchezian, Principal and Dr.O.Saravanan, Dean 1st Year appreciated the students for successful completion of their board examinations. In this programme, students from various parts of the city participated and got enriched about their future education. Pamphlets were distributed with information about the scope and information about the various courses available to take up in India & Abroad. In this session, the students participated actively and clarified their doubts regarding higher educations. The programme ended with Dr.S.Sharavanan, Vice Principal wishing the students a successful future.

Women's Day Celebration



8th March 2019, Annapoorana Engineering College celebrated International Women's Day. Dr. A Anbuchezian, Principal was the chief guest and spoke about the role played by women in family and modern society. He also insisted that women are the key agent of change in today's world. "Women equality and empowerment not only enables the up-liftment of the family but also the society and nation at large", he concluded.

A Two Day Faculty Development Programme

A Two day faculty development programme was arranged for all faculty members on 18.05.19 and 19.05.19 on Art of writing research papers. Faculty members for other institutions also participated in the FDP. Dr.G.Arunkumar, Assistant Professor, Civil Engineering, GCE, Salem was the key note speaker. He inspired audience by stating the need and importance of writing research papers. He said that we must communicate our work to the world – If people don't know about it, they won't use it. These skills transfer to other endeavours. While writing and editing we must focus on 90% of writing is editing. One must delete every unnecessary word, break down complex sentences and refactor sentences for clarity and flow Convert passive into active voice. For title, Summarize the paper in 2-10 words .As short as possible, Encourage reader to read the paper. For all parts of the paper, clear description with examples was narrated by the speaker.

Faculty Activities

(Conference, FDP, Workshop, Seminar, Hands-on-Training)

Department of Automobile Engineering

S. No	Date	Name	Event	Title	College Name
1.	09.03.2019	Mr.G.Nagarajan Mr.P.Ganesan Mr.N.Rajan	Seminar	Challenges and Opportunities in Automotive Engineering	Imayam College of Engineering, Trichy
2.	16.03.2019	Mr.K.Ramasamy Mr.S.Prakash Mr.S.Paulraj Mr.V.Moorthi Mr.S.Punithan	Workshop	Biodiesel Production and its application in ICEngines	Adhiparasakthi Engineering College, Melmararuvathur

Department of Civil Engineering

S. No	Date	Name	Event	Title	College Name
1.	31.01.2019	Mr.R.A.Shivasakthivadivelan	Conference	BRIDGE – 19	ICTACT, Chennai
	Jan– March 2019		NPTEL course	Patent Drafting for Beginners	IIT, Roorkee
2.	18.03.2019	Mrs.R.S.Gandhimathi	National Conference	Strengthening and Retrofitting of RCC Beams using Metal Wire Mesh	Sri Ranganathar Institute of Engineering and Technology , Coimbatore
	21.03.2019- 23.03.2019		International Conference	Strengthening and Retrofitting of RCC Beams using Metal Wire Mesh	PSG Institute of Technology and Applied Research, Coimbatore

Department of Computer Science & Engineering

S. No	Date	Name	Event	Title	College Name
1	05.01.2019	Mr.T.P.Udhayasankar	Seminar	Cyber Crime Information Security & Cyber Forensics	Sona College of Technology, Salem

Department of Electronics & Communication Engineering

S. No	Date	Name	Event	Title	College Name
1	31.01.2019	Mr.C.Devasenapathi	Conference	BRIDGE – 19	ICTACT, Chennai

Department of Electrical & Electronics Engineering

S. No	Date	Name	Event	Title	College Name
1	31.01.2019	Mr.L.Gnanaprakash	Conference	BRIDGE – 19	ICTACT, Chennai
2	Jan–March 2019	Dr.S.Venkatesh	NPTEL course	AdvancePowerElectronicandControl	IIT, Roorkee

Department of Mechanical Engineering

S. No	Date	Name	Event	Title	College Name
1	04.01.2019 & 05.01.2019	Mr.S.Punithan	International Conference	Computational Fluid Dynamics and its Industrial Applications	KPR Institute of Engineering and Technology, Coimbatore
2	09.03.2019	Mr.D.Mohan Mr.A.Rajesh Kumar Mr.S.Venkatesan Mr.C.Shankar Mr.J.Boopathi Mr.M.Govindaraj Mr.M.Saminathan Mr.M.Madhesu	Seminar	Challenges and Opportunities in Automotive Engineering	Imayam College of Engineering, Trichy

Journal Publications by Faculties

Sl. No	Name	Title of the Paper	Link of the Journal
1.	Dr .M.Vigenesh	An Efficient Stream Region Sink Position Analysis Model for Routing	https://doi.org/10.1016/j.
2.	Dr.R.Santhosh	Attack Detection in Mobile Ad Hoc Network	compeleceng.2019.02.005
3.	Mr.J.Sampath	HF and DFT calculations of Crystal Growth and Characterization of Dopaminium nitrate, [2 - (3, 4 – Dihydroxyphenyl) ethanaminium nitrate] C ₈ H ₁₂ NO ₂ ⁺ .NO ₃ ⁻ single crystal	http://joics.org/VOL-9- Issue-6-2019/
4.	Mr.G.Rajkumar	A Study on Solar Water Heater	http://joics.org/VOL-9-
5.	Mr.C.Shankar	Integrated Vacuum Desalination Unit for Institutional Purpose	<u>Issue -6-2019/</u>
6.	Mrs.L.Balasuganya		
7.	Mr.J.Boopathi		
8.	Mr.P.Sakthivel	Simulation and Structural Analysis	http://journalstd.com/VOL
9.	Mr.M.Ranjithkumar	of a Punch and Die used in Industries	<u>-8-18808-3-2019/</u>
10.	Ar.S.Punithan		
11.	Mr.R.Vijai	Control of Physical Network	http://joics.org/VOL-9-
12.	DrT.Buvaneswari	Topologies on Wave length Requirements in Optical Networks	<u>Issue -5-2019/</u>
13.	Mr.R.M.Balajee		
14.	Mrs.T.Muthamil		
15.	Ms.G.Ramya	A Two-phase Zero-Voltage- Transition Boost Converter for	http://joics.org/VOL-9- Issue -5-2019/
16.	Mr.S.Senthilkumar	Power Factor Correction	<u>13300 3 2017/</u>
17.	Mrs.P.Ganga		
18.	Mr.B.Ramesh	An Overview of Peak-to-Average	
19.	Mr.M.M.Arunprasath	power ratio reduction in OFDM	http://journalstd.com/VOL
20.	Mr.S.Karthick	comparison between clipping and filtering with selective mapping for	<u>-8- Issue -4-2019/</u>
21.	Mrs.M.Sangeetha	wireless communication	

22.	Dr.S.Subhashini	Financial Performance Analysis of the selected Tyre Manufacturing	http://joics.org/VOL-9-
23.	Dr.T. Iyyapaswamy	Companies: An Analytical Study	<u>15500 -4-2017/</u>
24.	Mr.R.Vijai		http://joics.org/VOL-9-
25.	Dr.T.Buvaneswari	BOT	<u>Issue -4-2019/</u>
26.	Mrs.S.Saranya		
27.	Ms.K.R.Leakashri	- Preventing Subil Attack using	http://ictiournal.com/Vol
28.	Mr.K.Thangadurai	STCAC technique in P2P E-	<u>12-Issue-4-2019/</u>
29.	Mrs.Indhuja Arjunan	Commerce	
30.	Dr.A.Anbuchezian		
31.	Mr.S.Vigneshwar	Experimental Investigation of high strength Geo-polymer concrete	<u>http://joics.org/vOL-9-</u> <u>Issue -4-2019/</u>
32.	Mrs.P.Balasuganya		
33.	Mr.K.Ramasamy		
34.	Mr.S.Prakash	Experimental Investigation on Wear	http://jctjournal.com/Vol-
35.	Mr.V.Moorthi	- Behavior of Hybrid Aluminium Composites	<u>12-1ssue-4-2019/</u>
36.	Mr.D.Mohan		
37.	Mr.S.Punithan		
38.	Mr.A.Rajeshkumar	Thermal Analysis Coated Diesel	http://joics.org/VOL-9-
39.	Mr.J.Boopathi	Engine Piston for Various Coating Ansys Thickness	<u>Issue -4-2019/</u>
40.	Mr.M.Ranjithkumar		
41.	Mr.M.M.Arunprasath		
42.	Mr.B.Ramesh	An Approach to Predict Disease and	http://joics.org/VOL-9-
43.	Mrs.B.Divya Preethi	avoid clogging in Data Mining using Genetic Algorithm	<u>Issue -3-2019/</u>
44.	Mr.A.Manikandan		
45.	Mr.M. Ranjithkumar		
46.	Mr.M.Govindaraj	Tribological and Emission Studies on Two Stroke Petrol Engine	http://jctjournal.com/Vol-
47.	Mr.P. Sakthivel	Lubricated with Castor Oil Methyl	<u>12-1880e-2-2019/</u>
48.	Mr.S.Punithan		
49.	Mr.V.Moorthi	A Study of Performance and	http://jctjournal.com/Vol-
50.	Mr.G.Nagarajan	with Blends of Hydnocarpus	<u>12-1ssue-2-2019/</u>

51.	Mr.P.Ganesan	pentandra (Marotti) seed Oil Methyl	
52.	Mr.N.Rajan	Ester and Petro-Dieser	
53.	Mrs.R.S.Gandhimathi		
54.	Dr.A.Anbuchezian	Repairing of Concrete Cylinders	http://jctjournal.com/Vol- 12-Issue-2-2019/
55.	Mrs.L.Balasuganya	Using Chemical Admixtures	
56.	Dr.T.Buvaneswari	Handover Solution for Express Train	http://jctjournal.com/Vol-
57.	Mr.R.Vijai	Access Networks (ETANs)	<u>12-Issue-2-2019/</u>
58.	Mr.R.Arul Arumugam	Signal Integrity Analysis for	
59.	Mr.C.Devasenapathi	i.mx53x Processor with DDR-3	http://jctjournal.com/Vol- 12-Issue-2-2019/
60.	Mr.S.Karthick	Memory Drive Strength 34 Ohm Using Source Synchronous	
61.	Mr.C.Santhosh Kumar	Simulation	
62.	Mr.L.Gnanaprakash		
63.	Mr.N.Navinkumar	An Automatic Single Axis Tracking	http://jctjournal.com/Vol- 12-Issue-2-2019/
64.	Mrs.M.Prabha	Photovoltaic System	
65.	Mr.G.Vijayakumar		
66.	Mrs.P.Ganga		
67.	Mr.R.Venkatesh	Design and Analysis of High Gain	http://joics.org/VOL-9- Issue -2-2019/
68.	Mrs.T.Muthamil	Modified SEPIC Converter for Photovoltaic Applications	
69.	Mrs.K.Mekala		
70.	Mr.T.P.Udhayasankar	Efficient Framing of Code Division	http://joics.org/VOL-9-
71.	Mr.K.Thangadurai	Architecture	<u>Issue -2-2019/</u>
72.	Mr.S.Sathishkumar		
73.	Dr.A.Anbuchezian	Seismic Resistive Building with	http://journalstd.com/VOL
74.	Mrs.R.S.Gandhimathi	Electromagnetic Base Isolation	<u>-8- Issue -1-2019/</u>
75.	Mr.Raju		
76.	Mr.R.Arul Arumugam	Comparative Analysis of 16 BIT SRAM Using Various SRAM Cells in 45nm CMOS Technology	http://joics.org/VOL-9- Issue -1-2019/

Value Added Courses Offered by the College (Department-Wise)

S.No	Name of the value added courses	Department
1	Aptitude Training	EEE
2	Employability Enhancement Training	CIVIL
3	Campus to Corporate Training	MECH
4	Soft Skill Training	EEE
5	Entrepreneurship Development Program	ECE
6	Campus Recruitment Training	ECE
7	Personality development	AUTO
8	Yoga and Meditation	EEE

<u>Certificate Courses attended by students (Department – Wise)</u>

S. No	Name of the Certificate Course	Department
1.	PM and Nox control techniques	AUTO
2.	Revit Architecture	CIVIL
3.	Construction Documentations	
4.	NS2	CSE
5.	Electrical CAD	EEE
6.	Image Processing Using Matlab	ECE
7.	Hypermesh	MECH
8.	Air Conditioning and Refrigeration System	

S. No	Name of the VET Course	Department
SI.No	Name of the partneringTitleDepartmenAutomotive air conditistingion/ Industry	ıt
2.	Hydraulics and pneumatics systems	AUTO
3.	Automotive aerodynamics	
4.	Planning of residential building using AUTO CAD	
5.	Analysis of building elements using STAAD PRO	CIVIL
6.	Interior design of residential building using Revit Architechture	
7.	Computer Service and Repair	
8.	Social Media Marketing	CSE
9.	Web Design using PHP & my SQL	
10.	PCB & Circuit Designing	
11.	Networking Course on CCNA	ECE
12.	Artificial Intelligence Used Raspberry PI	
13.	Power Distribution Network	
14.	PLC	EEE
15.	SCADA	
16.	Basic Design course of CAD	
17.	Short term course on CREO	MECH
18.	CNC Machining & Turning Centre	

Vocational Educational Training Courses offered by the College

Industrial Visits / Internships / In-plant Trainings attended by students

Sl.No	Title	Name of the partnering Institution/ Industry	Department
1.	Industrial visit	Triveni Car Company , Salem	Automobile Engineering
2.	Site Visit	PR Redimix ,Salem	Civil Engineering
	Internship	Dreamline Construction, Aathur	
3.	Inplant	Code Bind Technologies,	CSE
	Training	Coimbatore	
4.	Industrial visit	Traco Cable Co., Ltd, Trivandrum	ECE
5.	Internship	Tamilnadu Power Generation and	
	&	Distribution private limited, Mettur	EEE
	Inplant	dam.	
	Training		

AEC in NEWS

Blood Donation Camp - 06.01.2019

Malaimalar - 06.02.2019

Malaimurasu - 06.02.2019

வேலை வாய்ப்பு முகாமில் தேர்வானவர்களுக்கு பணி நியமன ஆணை! அள்ளபூரணா என்ஜி. கல்லூரி முதல்வர் வழங்கினார்!!

சேலம், பிப். 6-

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பொறியி

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தலைமை

முளைவர்

M. BGuni

வகிக்கனர். Gradans

QLUAR

நிறுவனமும்,

பெரிய சிரகாபாடியிலுள்ள

முகாம் நடைபெற்றது. முகாமுக்கு கல்லூரியின்

இயங்கி வரும் க்ரோனாஸ்

di Cur CL &

QDa AGmannak இன்போடெக் நிறுவ வத் மாணவர்களின் Dani திறனை பல கட்டமாக சோதித்து இறுதியில் தகுதி வாய்த்த 52 மாணவர்க ஞக்கு வேலைக்கான பணி நியமன ஆணையை கல் லூரி முதல்வர் வழங்கி auri.

இந்த விழாவில் கல்லூரி dia **ด้**ณตางณานับบน அலுவலர் மோகனகிருஷ்

வாய்ப்பு முகாமை நடத்தி வது. இதில் 250க்கும் மேற் பட்ட மானவ மானவி கள் கலந்து கொண்டனர்.

ணன், பேராரிரியர் தங்க Kim J தலைமையிலான பேறாசிறியர்கள் தெப்பாக செய்திருந்தனர்.

Makkal Kural - 07.02.2019

சேலம் அன்னபூரணா கல்லூரியில் 52 மாணவர்களுக்கு பணி ஆணை

சேலம், பிப். 7– சேலம் பெரியசீரகாபாடியில் உள்ள அன்னபூரணா பொறியியல் கல்லூரியில் வேலை வாய்ப்பு முகாம் நடைபெற்றது.

சேலத்தை தலைமை இடமாக கொண்டு இயங்கி வரும் க்ரோனாஸ் இன்போடெக் நிறுவனம், அன்னபூரணா பொறியியல் கல்லூரியுடன் இணைந்து அனைத்துத்துறை மாணவர்களுக்கான வேலைவாய்ப்பு முகாமை கல்லூரி வளாகத்தில் நடத்தியது.

முகாமில் 250க்கும் மேற்பட்ட மாணவ மாணவிகள் பங்கேற்றனர். க்ரோனாஸ் இன்போடெக் நிறுவனத்தினர் மாணவர்களின் திறன்களை பலகட்டமாக சோதித்து இறுதியில் 52 மாணவர்களுக்கு வேலைவாய்ப்பினை வழங்கினர். கல்லூரியின் முதல்வர்

அன்புசெழியன், துணைமுதல்வர் சி.சரவணன் மற்றும் முதலாமாண்டு டீன் ஒ.சரவணன் ஆகியோர் வேலைவாய்ப்பு பெற்ற மாணவர்களுக்கு பணி நியமன ஆணையை வழங்கி வாழ்த்தினர்.

முகாமிற்கான ஏற்பாடுகளை கல்லூரியின் வேலைவாய்ப்பு அலுவலர் மோகன கிருஷ்ணன் மற்றும் பேராசிரியர் தங்கதுரை தலைமையிலான பேராசிரியர்கள் செய்திருந்தனர்.

துணை முதல்வர் டி.சரவ ணன், முதலாமாண்டு டீன் ஒ.சரவணன் முள்ளிலை 6.00.0010

ரணா பொறியியல் கல்லு

ரியும் இணைந்து இந்த மாபெரும் வேலை

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Dailythanthi -18.02.2019

அன்னபூரணா பொறியியல் கல்லூரியில்

ஐஏஎஸ், ஐபிஎஸ் தேர்வுக்கு பயிற்சி வகுப்பு தொடக்கம்

சேலம், பிப்.20: சேலம் பெரி யசீரகாபாடியில் உள்ள அன்னபூரணா பொறியி யல் கல்லூரியில் ஐஏஎஸ் மற்றும் ஐபிஎஸ் தேர்வுக் கான பயிற்சி வகுப்புகள் தொடங்கப்பட்டது. இதல் சென்னை தி இம்பேக்ட் ஐஏஎஸ் அகாடமியின் `` நிறுவனத்தலைவர் வெங்க டேஷ்குமார் மற்றும் அன் னபூரணா பொறியியல் கல்லூரியின் முதல்வர் அன்புசெழியன் ஆகியோர் புரிந்து ணர் வு ஒப்பந்தம் செய்துகொண்டனர். இதன் மூலம் கிராமப்புற மாணவர் களுக்கு குறைந்தகட்டணத் தில், ஐஏஎஸ் மற்றும் ஐபி எஸ்தேர்வு மட்டுமல்லாது, டி.என் பிஎஸ்சி போன்ற போட்டித் தேர்வுகளுக்கும் பயிற்சி அளிக்கப்படும் என மாணவர்கள் கல்லூரியில் படிக்கும் போதே, பயிற்சி வகுப் புகளில் சேர்ந்து போட்டித்தேரவுகளை

பெரியசீரகாபாடி அன்னபூரணா பொறியியல் கல்லூரியில் ஐஏஎஸ் மற்றும் ஐபிஎஸ் தேர்வுக்கான பயிற்சி வகுப்பு நடந்தது.

எதிர் கொள்ள வேண்டும் என முதல்வர் கேட்டுக் கொண்டார் கல்லூரியின் துணைமுதல்வர் சரவ ணன் முன்னிலை வகித் தார். இந்நிகழ்ச்சியில் தி இம்பேக்ட் ஐஏஎஸ் அகாட மியின் நிறுவனத்தலைவர் வெங்கடேஷ்குமார் பயிற்சி வகுப்பினை தொடங்கி வைத்து பேசினார்.

இந்நிகழ்ச்சியில் மாண வர்கள் எழுப்பிய பல்வேறு சந்தேகங்களுக்கு பதில்

Wed, 20 February 2019 கினகான் https://epaper.dinakaran.com/c/36891785

களை அளித்தார். இதில், தேர்வை எதிர்கொள்ள புதிய உத்வேகத்தையும், புத்துணர்ச்சி அளிப்பதாக வும் மாணவர்கள் தெரி வித்தனர். இதில், நிகழ்ச்சி யில் 500க்கும் மேற்பட்ட மாணவ, மாணவிகள் கலந்து கொண்டனர். விழா விற்கான எற்பாடுகளை முதலாமாண்டு டீன் சரவ ணன், துறைத்தலைவர்கள் மற்றும் பேராசிரியர்கள் செய்திருந்தனர்.

Dinakaran - 04.03.2019

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தொழில் முனைவோருக்கான புரிந்துணர்வு ஒப்பந்தம்

பெரிய சீரகாபாடியில் உள்ள அன்னபூரணா சேலம் சேலம் பெரிய சரகாபாடியல் உள்ள அன்னபூரணா பொறியியல் கல்லூரியின் முதல்வர் அன்புசெழியன் மற்றும் சேலம் உற்பத்தியாளர் சம்மேளன தலைவர் ராமநாதன் ஆகியோர் புதிய தொழில் முனைவோருக் கான புரிந்துணர்வு ஒப்பந்தம் செய்துகொண்டனர்.

கான புறந்துணருக்கு ஒ----சேலம், மார்ச் 4: சேலம் பெரிய சீரகாபாடியில் உள்ள அன்னபூரணா பொறியியல் கல்லூரியில் பொறியியல் கல்லூரியில் புதிய தொழில் முனைவோ ருக்கான புரிந்துணர்வு ஒப்பந்தம் மற்றும் பயிற்சி முகாம் நடைபெற்றது. நிகழ்ச்சிக்கு கல்லூரி யின் முதல்வர் அன்புசெ ழியன் தலைமை தாங்கி னார் கணை முகல்லர்

னார். துணை முதல்வர் சரவணன் முன்னிலை வகித்தார். சிறப்பு விருந் தினராக சேலம் உற்பத்தி யாளர் சம்மேளனத்தின்

தம் செய்துகொண்டனர். தலை வர் ராமநா தன், செயலா ளர் ரகு நா தன் கலந்துகொண்டனர். அன் கல்லூரியின் முதல் வர் அன்புசெழியன் மற்றும் சேலம் உற்பத்தியாளர் சம்மேளனத்தின் தலை வர் ராமநா தன ஆகி யோர் புதிய தொழில் முனை வோருக் கான புரித்துணர்வு ஒப்பத்தம் முனை வேரிருக்கான புரிந்துணர்வு ஒப்பந்தம் செய்து கொண்டனர். இதன்மூலம் மானவர் களுக்கு சொந்தமாக தொழில் தொடங்க வழி

முறைகள், பயிற்சிகள் வழங்கப்படும் என தெரி விக்கப்பட்டது. மேலும், ப

வழ் வகப்பட்டது. மேலும், மத் திய-மாதில அரசுகளின் மானி யத்து டன் கூடிய பல் வேறு திட்டங்களை புதிய தொழில் தொடங்க விரும் புவோர் பயன் படுத்திக் கொண்டு சுய தொழில் தொடங்கி ஏராள மான வேலை வாய்ப் புகளை கருவாக்கி நாட்டின் பொருளாதாரம் ஏற்றம் பெற வழிவகை செய்ய வேண்டுமென ராம நா தன் கேட்டுக் கொண் LITT.

நிகழ்ச்சியில் முத**ல**ா மாண்டு டீன் சரவணன், பாண்டு டீன் சரவண்ன, துறைத்தலை வர் கள், பேராசிரியர்கள் மற்றும் மாணவ, மாண விகள் பங்கேற்றனர், ஏற்பாடு களை தொழில் முனை வோர் மேம்பாட்டு மன்ற பொல்பா எர்களான ுவார மேம்பாட்டு மன்ற பொறுப்பா எர் கள் என பேராசிரியர்கள் ஞானப் பிரகாஷ் மற்றும் தேவசே னாதிபதி உள்ளிட்டோர் செய்திருந்தனர்.

Mon. 04 March 2019

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