



KNCET ELECTRUM

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Vision

To be a pioneer in Electrical and Electronics Engineering and to create electrical engineering experts with social responsibilities, for global industry needs.

Mission

To facilitate the students continuous learning with best infrastructure and environment.

To provide the students with skills, knowledge and opportunities to function as member of multidisciplinary teams.

To Empower the students towards popular needs of industry, research and development.

To enable ethics, values and contribution to the society.

Profile

The undergraduate program (B.E) in Electrical and Electronics Engineering (EEE) was commenced in the year 2010 with an intake of 60 and increased to 120 during the academic year 2012-13. The postgraduate program (M.E) in Embedded System Technologies was commenced in the year 2013-14 with an intake of 24.

The department is well equipped with modernized Electrical Machines Laboratory, Control and Instrumentation Laboratory, Electronic Devices and Circuits Laboratory, Power Electronics Laboratory, Power System Simulation Laboratory and Engineering Practices Laboratory.

The department holds 13 U.G and 6 P.G University ranks. Students have been placed in various MNCs such as TCS, CTS, WIPRO, Codemantra, Infoview Technologies and other organizations such as Tech Mahindra, Infynect Technologies, CBE core solution, Syrma technologies and Sarada Motors Pvt. Ltd. Every year the department achieves a placement record of 80% at an average.

Centre of Excellence laboratory on IoT and Embedded Systems, Robotics and Industrial Automation in association with ABE and Texas Instruments, Bangalore have been established. Through professional societies such as IEEE, ISTE and E-Cube students association, the department organizes guest lectures, workshops and seminars on recent trends to enhance the technical knowledge of students. Students are given an exposure on industry environment through industrial visits, internship programmes and onsite projects in various reputed organizations.

The department has signed 7 MoUs with industries and academics namely Saranya Spinning Mill Pvt.Ltd, ICAR-NRCB, ABE Semiconductor Designs, DMW Electric Industries Pvt Ltd, Centre for Incubation, Innovation, Research and Consultancy-Jyothy Institute of Technology, Tech-Fi Technologies and Infynect Technologies. The department has filled 14 patents and 5 copyrights with Intellectual Property Rights (IPR).

The students of EEE department are representing the university in National Level Athletics and State Level Athletics.

Programme Educational Objectives and environmental considerations.

(PEOs)

PEO 1:

Graduates will excel in chosen career by applying the knowledge and skills acquired through the program or go for higher studies or research.

PEO 2:

Graduates shall demonstrate technical competence in solving electrical engineering problems that are economically feasible and socially acceptable.

PEO 3:

Graduates shall exhibit professionalism, ethical attitude, communication skills, team work and adapt to current trends by engaging in lifelong learning.

Program Specific Outcomes (PSOs)

PSO1: Professional skills:

Students shall have abilities to take challenges associated with electrical power and renewable energy generation, transmission, distribution and utilization.

PSO2: Competency:

Students shall qualify at the State, National and International level competitive examinations for employment, higher studies and research.

Programme Outcomes

Engineering knowledge:

Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.

Problem analysis:

Identify, formulate, review research literature, and analyse complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.

Design/development of solutions:

Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal,

Conduct investigations of complex problems:

Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

Modern tool usage:

Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.

The engineer and society:

Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.

Environment and sustainability:

Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

Ethics:

Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

Individual and team work:

Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

Communication:

Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.

Project management and finance:

Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.

Life-long learning:

MESSAGE

Chairman



Dr.PSK.R.Periaswamy

Chairman
Kongunadu Institutions

As the Chairman of Kongunadu Educational Institutions, I look back with enormous sense of pride, the amazing progress of the department of Electrical and Electronics Engineering within a short span of time. We aim to empower the vibrant young leaders with technical skills and knowledge in the field of technology and also to be a centre of excellence for technology transformation in the field of Electrical and Electronics Engineering.

Principal



Dr.R.ASOKAN,
Principal,
KNCET.

The department of Electrical and Electronics Engineering marked its efficient starting in the year 2010. The department continues to strive in excellence to produce young technocrats every year with fundamental knowledge in its field with leadership qualities and technical skills.

Dean (R&D)



Dr.J.Yogapriya

Dean (R&D)
KNCET

As Dean (R&D), I would like to say the Department of Electrical and Electronics Engineering of KNCET vision will give the best Electrical Engineering education and research at the local and regional levels and its graduates will be the top choice for local employment. Over the years, it has provided high quality teaching, research, and services that complement with its mission and gets benefited. Graduates are a good example of the department's achievements. They have a well developed background and strong engineering skills that allow them to be accepted in both private and government organizations. The department and all its members are

Dr. P.Arul.,
HoD/EEE,
KNCET.

With the strength of the dedicated and dynamic faculty, ever supportive management and well-motivated students, the department is fully geared up in its pursuit of attaining excellence in engineering education with ethics. We aim to facilitate the industries to adopt effective solutions in the field of electrical and electronics engineering through consultancy and also to transform technology to rural areas.

HoD



Activities

Department Advisory Committee Meeting



Department Advisory Committee meeting for odd semester 2018-19 held on 04.08.2018 in the board room. Dr.PSK.Periasamy, Chairman, Dr.R.Ashokan, Principal, Dr.J.Yogapriya, Dean (R&D), Dr.P.Ponnambalam, Academic Expert Member, VIT University, Vellore, Er.R.Satish, Deputy Manager, HRM-Electrical, Steel Authority of India Limited (SAIL), Salem as Industry Expert, Mr.M.Shivagnanam, Quality Engineer, Adani Infra India Pvt Ltd, Ramanathapuram as alumni, Mrs.V.Parameshwari, Assistant, Panchayat Union Office,Thottiam as parent, students nominees from II, III and IV years, Dr.P.Arul, Program coordinator, Dr.K.Kalaiselvan, Dr.T.Sengolrajan,AsP/EEE and other senior faculty members were involved in discussion regarding the attainment of CO, PO/PSO.

National Level Symposium



(TEK Cluster-2018)

KNCET, Thottiam has conducted the 6th National Level Technical Symposium (TEK Cluster-2018) on Saturday 18th August, 2018 at 9.00 A.M in Open Auditorium. Dr.R.Asokan, Principal, KNCET delivered the welcome address. Dr.PSK.R.Periaswamy, Chairman, Kongunadu Institutions delivered the presidential address. Mr.M.V.Ravichandar, Vice President-HR, Legal & Admin (TN & Kerala), Sundaram Motors (Division of T.V Sundaram Iyengar & Sons Pvt Limited), Coimbatore inaugurated the Symposium and delivered the inaugural address. Dr.J.Yogapriya, Dean (R&D) delivered the vote of thanks. Totally we had received 78 papers out of that we had shortlisted 35 papers, mostly we received papers from Saranathan College of engineering, K.S.Rangasamy College of Technology, Dhirajlal Gandhi College of technology, IFET College of Engineering and Paavai College of Engineering. In addition, Project Expo, Technical Quiz and Spot Event were conducted to bring out the hidden talents of the participants.



Three prizes are awarded for paper presentation and two prizes for events.






Graduation Day



7th Graduation Day (2013-2017) Batch was held at KNCET, Thottiam on **30.09.2018**. Hon'ble Thiru.Justice. S. Baskaran, Madras High Court, Chennai was the Chief Guest. 95 Graduates from Electrical and Electronic Engineering received their degrees.

“ University Rank Holders”(2014-2018)

		
KIRUTHIKA.B	DEVISHRI.G	GAYATHIRI.R
9.02	8.83	8.61
11 th Rank	28 th Rank	50 th RANK

Association Activities



Guest Lecture

Inauguration of **E Cube Association** on



26.06.2018. Mr.R.Sathish, Deputy Manager, HRM-Electrical department, SAIL, Salem was the Chief Guest.

E Cube Association organized a **Guest Lecture** on “**Steel Plant Electrics**” on 26.06.2018. Mr.R.Sathish., Deputy Manager, HRM-Electrical Department, SAIL, Salem was the Chief Guest.

Seminar

Dr.P.Ponnabalam, AsP/EEE, School of Electrical



Engineering, VIT University, Vellore was the Chief Guest. The Chief Guest honoured by Dr.P.Arul, Professor & Head/EEE during the one day **Seminar** on “**ARM Processor for Power Electronics**” on 04.08.18

TNSCST sponsored two days National Seminar on



“**Recent Advancements in Energy Storage Technologies for Smart Grid Applications**” by Mr.K.Karthik, AP of EEE on 21st & 22nd December, 2018. Around 100 participants both external and internal got benefited.

Workshop



Two days workshop on Hands on Training titled **“Embedded Systems and IoT Applications”** handled by Mr.V.S.Ramesh, Director, STEPS Knowledge Service Pvt Ltd, Coimbatore. in IoT& Embedded Systems lab during 29th Nov-7th Dec 2018.



Mr.M.Srinivasan, Assistant Engineer, STEPS Knowledge Service Pvt Ltd, Coimbatore delivered a session **“Robotics Systems using MSP432P401R ARM Cortex Controller”** in two days workshop **“Robotics Systems using TI RSLK”** organised in COE lab. The hands on training on **“Texas Instruments – Robotics Systems Learning Kit (The Maze Edition)”** was given to the participants. Er.Karthikeyan, Assistant Engineer, STEPS Knowledge Service Pvt Ltd, Coimbatore assisted the entire hands on training sessions held during 28th & 29th December 2018 .

Mini Project



The department of Electrical and Electronics Engineering organized a **“Mini Project Expo 2018-19”** to the internal participants on 11.09.2018. Around 68 students of 19 batches were participated and were selected for the prizes.

FDTP



Dr.P.Arul, Professor & Head and Dr.T.Sengolrajan, Associate Professor, the Coordinators have organized a Twelve days Anna University Sponsored **Faculty Development Training Programme (FDTP)** on **“IC8451-Control System”** from 28th November, 2018 to 11th December, 2018.



“Basic Industrial Automation (PLC)” handled by P.Tamilnesan, AP / EEE from 7th to 9th June, 2018.



“Automation using (PLC) (FUJI) and SCADA” handled by P.Tamilnesan, AP / EEE from 17th to 27th Nov, 2018 and 29th Nov to 4th Dec, 2018.

Value Added Course



“Embedded System Design “ using Arduino handled by P.Gokul, AP /EEE from 16th - 26th November, 2018 and 29th November- 04th November, 2018.



“Embedded System Design using Arduino” handled by P.Gokul and S.Saravana Manikandan, AP/EEE held in Centre of Excellence – IoT & Embedded Systems from 29th November - 7th December, 2018.

“Building Blocks of Java”, handled by Mr.Haribhoobalakrishnan of Technical team of C2C from 30th November to 5th December, 2018.

Staff Activities

R.Rajamanikandan, AP/EEE received a fund of **Rs. 2.66 lakhs** from National Bank for Agriculture and Rural Development (NABARD) to carry the project, **“Identification and Testing of Suitable for production of Paper and paper based products from banana residues for the benefit of banana farmers in Trichy district”**.

Dr.K.Kalaiselvan, AsP/EEE has delivered a guest lecture on **“Power Electronics”**, Dr.Navalar Nedunchezhiyan College of Engineering, Tholudur on 20th August 2018.

Dr.T.Sengolrajan, AsP/EEE has delivered a Guest lecture on **“Microcontroller Based System Design”**, at Dr.Navalar Nedunchezhiyan College of Engineering, Tholudur on 21th August .2018.

K.Jawahar, AP and A.Sampath, AP/EEE has delivered a lecture in the Anna University approved Twelve days Faculty Development Training Programme (FDTP) in **“Control System”** on 28th & 30th November, 2018.

A.Sampath, AP/EEE successfully completed the twelve week course **“Control Systems”** and attained **“Elite”** during July-Oct 2018.

R.Gopalakrishnan, AP/EEE has successfully completed the twelve week course **“Power System Analysis”** and attained **“Elite”** during July-Oct 2018.

K.Jawahar, AP/EEE has successfully completed the twelve week course **“Control System Engineering”** during July-Oct 2018.

Workshop/Seminar/FDP attended by Faculty members/Staffs

Dr.P.Arul, Professor & Head and A.Sampath, AP/EEE attended a **seminar** on Deep Learning in Bioinformatics and Healthcare Informatics, held at Velammal Engineering College, Chennai on July 6th & 7th, 2018.

Dr.K.Kalaiselvan, AsP, K.Jawahar, S.Revathi, V.Kalairajan, K.Karthik, K.Mohanraj, S.Ragul and T.Muthukumar, AP/EEE attended a **seminar** on Analysis and design of 1KW Photovoltaic array for Domestic applications held at Cheran College of Engineering, Karur on 20th September, 2018.

Dr.T.Sengolrajan, AsP, J.Karthikeyan, K.Jawahar, K.Karthick and Saravanamanikandan, AP/EEE attended a CSIR sponsored **Workshop** on “Deep Learning using IOT for Speech Recognition: A Technology for Differently Abled People” organized by the department of Computer Science Engineering held at Kongunadu College of Engineering and Technology, Thottiam, Trichy on October 16 & 17, 2018.

Dr.T.Sengolrajan, AsP/EEE attended Council of Scientific and Industrial Research sponsored two days **Workshop** on “Bloom Box-The Future Energy in India” organized by the department of Electrical and Electronics Engineering held at Karpagam College of Engineering,

Dr.K.Kalaiselvan, Dr.T.Sengolrajan, AsP, S.Shanmugapriyan, P.Tamilnesan, S.Arun, and R.Deepika, AP/ EEE attended a one day national **workshop** on “Load Flow analysis of Power Sector using MATLAB” organized by the department of Electrical and Electronics Engineering, Cheran College of Engineering, Karur on 28th August, 2018.

Dr.K.Kalaiselvan, Dr.T.Sengolrajan, AsP and A.Sampath, AP/ EEE attended a one day National Level **Workshop** on “Recent Trends in Power System Protection” organized by the department of Electrical and Electronics Engineering, KPR Institute of Engineering and Technology, Coimbatore on 4th August, 2018.

Dr.K.Kalaiselvan, AsP, T.Muthukumar, R.Gopalakrishnan and K.Mohan Raj, AP/EEE attended AICTE-ISTE Sponsored one week Short Term Training Programme (STTP) on “Transmission and Distribution” organized by the department of Electrical and Electronics Engineering held at Muthayammal College of Engineering, Namakkal from 4th – 10th December, 2018.

S.Revathi, AP/EEE attended Anna University approved FDTP on Power System Analysis held at KSR College of Engineering, Tiruchengode, from June 4th to 10th, 2018.

T.Muthukumar and S.Rahul, AP/EEE attended Anna University approved FDTP on Electromagnetic Theory Department of EEE held at Excel College of Engineering from 18th to 24th June, 2018.

S.Shanmugapriyan and V.Kalairajan, AP/EEE attended AICTE-ISTE sponsored Induction/Refresher Programme department of EEE held at Sri Krishna College of Engineering and Technology from 25th to 30th June, 2018.

P.Gokul, AP/EEE attended Induction/Refresher Programme department of Computer Applications held at PSNA College of Engineering and Technology from 25th to 30th June, 2018.

P.Tamilnesan, AP/EEE attended Faculty Development Programme on Internet of Things using Raspberry Pi held at Galwin Technologies, Trichy, from 21st to 22nd September, 2018.

Dr.T.Sengolrajan, AsP/EEE attended a three days national Level **Workshop** on “MATLAB/Simulink based Hands on training on Power Electronic Converter based Systems and their controllers” organized by department of EEE held at Karpagam College of Engineering, Coimbatore on 27th -29th November, 2018.

K.Karthik, J.Karthikeyan and S.Arun, AP/EEE attended Anna University Sponsored Twelve days Faculty Development Training Programme (FDTP) on “Control System” organized by department of EEE held at Kongunadu College of Engineering, Trichy from 28th November- 11th December, 2018.

T.Rajamanikandan, AP/EEE attended a **Workshop** on Recent advancement in Biomedical Equipment and its Applications held at SVS College of Engineering and Technology, Coimbatore on 20 July 2018.

R.Gopalakrishnan, AP/EEE attended NBA Awareness **Workshop** on Outcome based Education and Accrediation held at CEG Campus, Anna University, Chennai on 4th August, 2018.

M.Prakash, P.Ramasamy and .M.Saranya Lab Technicians of EEE has attended “Skill development Programme for Technical Staff” organized by department of Electrical and Electronics Engineering held at KPR Institute of Engineering and Technology, Coimbatore on 16th November 2018.

Publication of Book/Manual

Dr.S.Ganesh Kumaran, Dr.C.R.Balamurugan and **Dr.T.Sengolrajan**, AsP/EEE “**Energy Management System and its Development in Smart Grid**”, LAMBERT Academic Publishing International Book Market Service Ltd, Mauritius, ISBN.No:978-613-9-86875-9, August 2018.

Dr.T.Sengolrajan, Dr.C.R.Balamurugan and Dr.B.Shanthi, AsP/EEE “**Simulation Studies on 3-phase Trinary Nine level Inverter with FATC**”, LAMBERT Academic Publishing, International Book Market Service Ltd, Mauritius, ISBN.No:978-613-9-89969-2, August 2018.

Publication in Journals

T.Sengolrajan, AsP B.Shanthi and C.R.Balamurugan AP/EEE “**Assessment of various Bipolar Variable Amplitude SPWM Strategies**” for a Three Phase Trinary Source Nine Level Inverter, Journal of Engineering Science and Technology, Taylor’s University, Malaysia, Vol.13, No.8, August, pp.2533-2548, **Web of Science Indexed**.

T.Sengolrajan, AsP C.R.Balamurugan and B.Shanthi, AP/EEE “Comparative Assessment of PWM Strategies for Three Phase Trinary Source Nine Level Inverter with Rectified Sine Carriers”, Journal of Electrical Engineering, Politecnica, Romania, **Scopus Indexed & A-I** (Accepted for publication).

Patent Publication

Dr.R.Asokan, Dr.P.Arul, T.Rajamanikandan, K.Mohanraj, B.Saranya, S.Kavin, P.K.P.Aaditya Vignesh, M.Mathankumar, R.Gokul and M.Sridevi published patent titled **“Low Cost Two in One Mosquito Catcher and Terminator”**, The Patent Office Journal, Issue. No.28/2018, 13th July 2018, pp. 26235.

Dr.R.Asokan, Dr.P.Arul, T.Rajamanikandan, K.Jawahar, B.Saranya, M.G.Saravanan, M.Ravikumar, and S.Manojkumar published patent titled **“Electro-Hydraulic Compression based Pseudo Stem Juicer”**, The Patent Office Journal, Issue. No.28/2018, 13th July 2018, pp.26236.

Dr.P.Arul, T.Rajamanikandan, B.Saranya R. Gopalakrishnan, S. Pradeevraj, A. Vairamani, T.Ravikumar and P.Sathishkumar published patent titled **“Elongated Hexagonal Pyramid Shaped Portable Solar Dryer”**. The Patent Office journal, Issue. No.28/2018, 13th July 2018, pp. 26237.

T.Rajamanikandan, K.Karthik, K.Karthikeyan, V.Kalairajan and S. Revathi, P. Balakumar, V. Balamurugan, V.Aravindh and D.Deenadhayalan published patent titled **“Portable and Smart Gear Lock**



System”.The Patent Office journal, Issue. No.28/2018, 13th July 2018, pp. 26234.

T.Rajamanikandan, Dr.K.Kalaiselvan, R.Gopalakrishnan, B.Saranya, S.Yogeswari, S.Sandhiya, V.Thenmozhi, A.Thenmozhi, A.Purusoth and M.Rubeshkumar published patent titled **“Automatic Agriculture Crop Protection System from Monkeys in hilly area”**, The Patent Office journal, Issue. No.28/2018, 13th July 2018, pp. 26238.

Publication in Conference

T.Sengolrajan, C.R.Balamurugan, K.Kalaiselvan and P.Arul, **“Performance Evaluation of Three Phase Trinary Source Nine Level Inverter for Rectified Sine Carrier with THI Reference”**, proceedings of International Conference on Recent Trends in Science and Management (ICRTSM'18) organized by Faculty of

Arts & Science, Bharath Institute of Higher Education and Research (BIHER) & TECHOWN, Chennai on 23rd & 24th Nov 2018, ISBN : 9788193221358, pp.19.

A.Sampath, K.Kalaiselvan, T.Sengolrajan and T.R.Sumithira, **“Photovoltaic Power-Generation using Interleaved Soft Switching Converter with MPTT control”**, proceedings of International Conference on Recent Trends in Science and Management (ICRTSM'18) organized by Faculty of Arts & Science, Bharath Institute of Higher Education and Research (BIHER) & TECHOWN, Chennai on 23rd & 24th Nov 2018, ISBN:9788193221358, pp.12.

Industrial Visit

- Mettur Thermal and Hydro Power station, Mettur From 03.07.2018 to 05.07.2018 (II & III Years)
- T.V.S Motors Ltd, Hosur on 11.07.2018 (IV Year A sec)
- Saranya Spinning (P) Ltd, Namakkal on 08.09.18 (IV Year B sec)

Club Activities Energy Club

Paper presentation and Quiz were organized on 6.8.2018 and 8.08.2018 on behalf of Energy club to bring out the hidden talents and to enhance the technical knowledge.

Tamil Mandaram



Speech and Poetry competitions were organized on 11.08.18, on behalf of Tamil Mandaram to enhance the communication skills.

“He who writes poetry is not a poet. He whose poetry has become his life, and who has made his life his poetry it is he who is a poet”



-Subramanya Bharathi

Paper Presentation

Date	Name of the Candidate	Year	Event	Name of the College
02.08.2018	T.R.Aiswarya S.Gomathi R.Kabila R.C.Sariga M.Pavithra S.Priyadharshini	III	National Level Symposium	K.Ramakrishnan College of Engineering, Trichy.
11.08.2018	S. Ajith Kumar M.Logasundhar	III	National Level Symposium	Parisutham Institute of Technology and Science ,Thanjavur.
14.08.2018	K.Harikaran B.Santhosh T.R.Aishwarya M.Pavithira S.Balaji S.Gopalsamy D.Lakshmanan M.Venkateshwar M.Logasundhar S.Prakash R.Satheesh	III	National Level Symposium	AVS College of Technology, Salem.
30.08. 2018	H.Tharani M.Priyadharshini S.Santhosh R.Parthiban A.Selva Bharathi M. Raghul S.Ragunath S.Ragunath S.Naveen M.Kanimozhi B.Haritha S.Chanderaleka M.Balaji R.Dhanasprabu A.Puroshoth M.Logasundhar M.Sridevi	II ,II& IV	National Level Symposium	Gnanamani College of Technology, Namakkal.
11.08.2018	M.Sridevi	II	National Level Symposium	M.A.M College of Engineering and Technology, Trichy.
12.09.2018	R.Abdulah C.Dinesh M.R.Baradwaj R.Pachayappa A.Gokulan S.Kavya R.Madhumitha	II	National Level Symposium	Kongu Engineering College, Perundurai.
12.09.2018	S.Naveen A.Mohammed Faizal B.Santhosh R.C.Sariga S.Priyadharshini T.R.Aishwaraya J.Rampriya B.Pavithira	III	National Level Symposium	Karpagam Institute of Technology, Coimbatore.

Date	Name of the Candidate	Year	Event	Name of the College
15.09.2018	G.Deebika T.Mythili N.K.Hamshini M.Bharathi P.Dharani G.Lydia K.Vinitha M.Preethika R.Sharmila M.Poomani M.Srimathi R.Tamilsevi H.Tharani V.Poomathi A.Divyasree K.Indhumathi D.Kumaravel S.Lingesh Kumar	II	National Level Symposium	Selvam College of Technology, Namakkal.
19.09.2018	M.Logasundhar S.Ajith Kumar S.Prakash M.Venkateshwar S.Vijay	III	National Level Symposium	Coimbatore Institute of Technology, Coimbatore.
19.09.2018	D.Arjun G.Boopathi A.Gokulan S.Gokul S.Kesavan V.Ganesh Kumar T.Hariharan S.Madhan Kumar	II	National Level Symposium	Park College of Engineering and Technology, Coimbatore.

Details of the prizes won by the Candidates

Date	Name of the Candidate	Year	Event	Name of the College	Prize
14.08.2018	M.Pavithra	III	Spintronics	AVS College of Technology ,salem	I
12.09.2018	S.Priyadarshini R.C.Sariga T.R.Aiswarya	III	Circuit Scrub	Karpagam Institute of Technology, Coimbatore	I
12.09.2018	S.Naveen A.Mohammed Faizal	III	Circuit Scrub	Karpagam Institute of Technology, Coimbatore	II
15.09.2018	M.Pavithra K.Praveen R.K.Manoj Kumar	III	Paper Presentation	Selvam College of Technology, Namakkal	I
17.09.2018	S.Aravind S.Ajith Kumar R.K.Manoj Kumar V.Arun	III	Project Expo	SNS College of Engineering, Coimbatore	I
18.09.2018	S.Raghunath	IV	Paper Presentation Circuit Debugging	Sengunthar Engineering College, Tiruchengode	I
19.09.2018	M.Venkateshwar S.Vijay S.Prakash	III	Paper Presentation	Coimbatore Institute of Technology, Coimbatore	I

Inplant Training-Students

Duration	Name of the Candidate	Year	Company Name
03.12.2018 to 07.12. 2018	M.Srilakshman	II	ICAR-National Research Centre for Banana, Trichy.
05.10.2018 to 10.12.2018	S.Raghul	II	Salem Co-Operative Sugar Mills Ltd, Namakkal.
05.10.2018 to 10.12. 2018	R.Aarthi	II	UNIQ Technology, Chennai.
06.11.2018 to 30.11. 2018	H.Tharani M.Preethika B.Vishnuvarthini	II	Batliboi Renewable Energy Solutions Pvt.Ltd, Coimbatore.
05.11.2018 to 10.11.2018	R.Sharmila S.Priyanka S.Sindhu K.Sathiyajayam M.Priyadharshini V.Sowntharya B.Vishnuvarthini M.Poomani S.Raghul	II	The Salem Co-Operative Sugar Mills Ltd, Namakkal.
23.11.2018 to 27.11.2018	S.Santhosh A.Raman S.PraneshRaj	II	UNIQ Technology, Chennai.
04.11.2018 to 08.11. 2018	M.Rajalakshmi R.Sivaraj P.Nandhini G.Lydia	II	LITZ Tech Pvt.Ltd, Coimbatore.
05.11.2018 to 11.11.2018	K.Indhumathi S.Indumathi N.K.Hamshini M.Bharathi T.Mythili A.DivyaShree G.Deebeka P.Kannan N.Aziz K.Gokul K.Chandrabose R.Kirubanithi P.Pachyappa Jeeva	II	Tamilnadu NewsPrint and Papers Limted, Karur.





























Placement Details





























Sl. No	Date	Name of the Company	ON/OFF Campus	No. of Candidate Placed
1	06.07.2018	M/S.Ridsys Technologies	On-Campus	01
2	14.07.2018	M/S.Techtiqq Soft Solutions	On-Campus	03
3	14.09.2018	M/S.Code mantra	On-Campus	01
4	07.09.2018	M/S.Shri Balaji Alloys	On-Campus	01
5	19.09.2018	M/S. Just Dial	On-Campus	04
6	26.09.2018	M/S.TCS	Off-Campus	01
7	10.10.2018.	M/S.IVTL Infoview	Off-Campus	01
8	27.10.2018	M/S.CTS	Off-Campus	09
9	13.11.2018	M/S.CMS	On-Campus	08
10	13.11.2018	M/S.Byju's	On-Campus	02
11	08.12.2018	M/S.Vdart Technologies	On-Campus	03
12	14.12.2018	M/S.Visteon Electronic India Pvt.Ltd	On-Campus	03
13	17.12.2018	M/S.Syrma Technologies	On-Campus	10
14	21.12.2018	M/S.Fluid System & Control	On-Campus	02
15	24.12.2018	M/S.Paragon Digital Service	On-Campus	05
16	21.12.2018	M/s. Infosys	Off-Campus	04
Total No. of Candidates				58

Inplant Training-Faculty members

Duration	Name of the Faculty	Name of the Company
26.11.2018 to 28.11.2018	Mrs.S.Deepika	M/s.Uma Fabricators,Trichy
01.12.2018 to 05.12.2018	Mrs.S.Revathi	Instruments Calibration and Test Centre, Peelamedu, Coimbatore-641 004
03.12.2018 to 05.12.2018	Mr.R.Purushothaman	Instruments Calibration and Test Centre, Peelamedu, Coimbatore-641 004
01.12.2018 to 03.12.2018	Mr.A.Sampath	M/s.Cheran Spinner Private Limited, Erode-638008
14.12.2018 to 16.12. 2018	Mr.V.Kalairajan Mr.S.Arun Mr.J.Karthikeyan Mr.T.Muthukumar	TPep Pvt.Ltd, Ganapathy, Coimbatore-641 006

Students are Placed

						
NAVEEN.S	PRABAKARAN.K	SWATHI.P	RAGHUNATH.S	VELMURUGAN.T	SWAHI PRIYA.S	PRAVEEN KUMAR.M
M/S RIDSYS TECHNOLOGIES	M/S TECHTIQQSOFT SOLUTIONS	M/S TECHTIQQSOFT SOLUTIONS	M/S TECHTIQQSOFT SOLUTIONS	M/S SHRI BALAJI ALLOYS	M/S CODE MANTRA	M /S JUST DIAL
						
SANTHOS KUMAR.M	SENTHIL KUMARAN.S	NARASIMMAN T.V	BALAJI .M	NAVEEN.S	RAGHUNATH.S	SANGEETHA.P
M /S JUST DIAL	M /S JUST DIAL	M/SJUST DIAL	M/S TCS	M/S IVTL INFOVIEW	M/S CTS	M/S CTS
						
ARUNKUMAR M	CHANDRU S	DEEKSHA S	DINESHKUMAR S	HARINI S	JAIKUMAR B.V	KANNAN G
M/S CTS	M/S CTS	M/S CTS	M/S CTS	M/S CTS	M/S CTS	M/S CTS
						
CHANDRU S	DEEKSHA S	PURUSOTH A	SANTHOS KUMAR M	SWETHA P T	SRIDHARAN P	SATHISH KUMAR K
M/S PARAGON DIGITAL SERVICE	M/S PARAGON DIGITAL SERVICE	M/S PARAGON DIGITAL SERVICE	M/S PARAGON DIGITAL SERVICE	M/S PARAGON DIGITAL SERVICE	M/S FLUID SYSTEM & CONTROL	M/S FLUID SYSTEM & CONTROL

						
KAVINKUMAR S	MURUGAN K	KARTHIK V	PRABAKARAN K	SANTHOS KUMAR M	SELVAKUMAR R	SWATHI P
M/S CMS	M/S CMS	M/S CMS	M/S CMS	M/S CMS	M/S CMS	M/S CMS
						
SRINIVASAN T	NAVEEN S	PRABAKARAN K	MOHANRAJ M	NARESH KUMAR B K	SRIDEVI M	SWATHI P
M/S CMS	M/S BYJU'S	M/S BYJU'S	M/S VDART TECHNOLOGIES	M/S VDART TECHNOLOGIES	M/S VDART TECHNOLOGIES	M/S VISTEON ELECTRONIC INDIA PVT. LTD.
						
SWETHA P T	VIJIYALAKSHMI R	CHANDHIRALEKA S	DEEKSHA S	HARINI S	KANIMOZHI M	PRADEEPA S
M/S VISTEON ELECTRONIC INDIA PVT. LTD.	M/S VISTEON ELECTRONIC INDIA PVT. LTD.	M/S SYRMA TECHNOLOGIES	M/S SYRMA TECHNOLOGIES	M/S SYRMA TECHNOLOGIES	M/S SYRMA TECHNOLOGIES	M/S SYRMA TECHNOLOGIES
						
PRIYA DHARSHINI B	HARITHA B	RASHIKA R	RESHMA N	SUBBULAKSHMI S	HARINI S	SAMUEL JEBASINGH D
M/S SYRMA TECHNOLOGIES	M/S SYRMA TECHNOLOGIES	M/S SYRMA TECHNOLOGIES	M/S SYRMA TECHNOLOGIES	M/S SYRMA TECHNOLOGIES	M/S INFOSYS	M/S INFOSYS



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Syllabus

- Engineering Mathematics
- Linear Algebra Calculus Differential equations Complex variables Probability and Statistics Numerical Methods Transform Theory
- Electrical Engineering
- Electric Circuits Electromagnetic Fields Signals and Systems Electrical Machines Power Systems Control Systems

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UPSC Examination

The Civil Services Examination is a nation wide competitive examination in India conducted by the Union Public Service Commission for recruitment to various Civil Services of the Government of India.

Eligibility

Student who have passed the final exam and must have attained the age of 21 years and must not have attained the age of 32 years.

Services available

Central Electrical and Mechanical Engineering Service (Central Public Works Department), Central Power Engineering Service, Corps of Electronics and Mechanical Engineers Indian Army, Indian Defence Service of Engineers (Military Engineer Services), Defence Aeronautical Assurance Service, Indian Naval Armament Service, Indian Naval Material Management Service, Indian Ordnance Factories Service, Indian Railway Service of Electrical Engineers, Indian Railway Stores Service, Indian Supply Service, P & T Building Works Service Ministry of Communications, Indian Skill Development Services.

So this project “solar bicycle” is very much useful, since it is provided with good quality of power sources and simple operating mechanism. Hence “each and every drop of fuel saves our economy and meet the needs” is the saturation point that is to be attained as soon as possible. In order to achieve this saturation point we have to save and seek for

WEBSITE

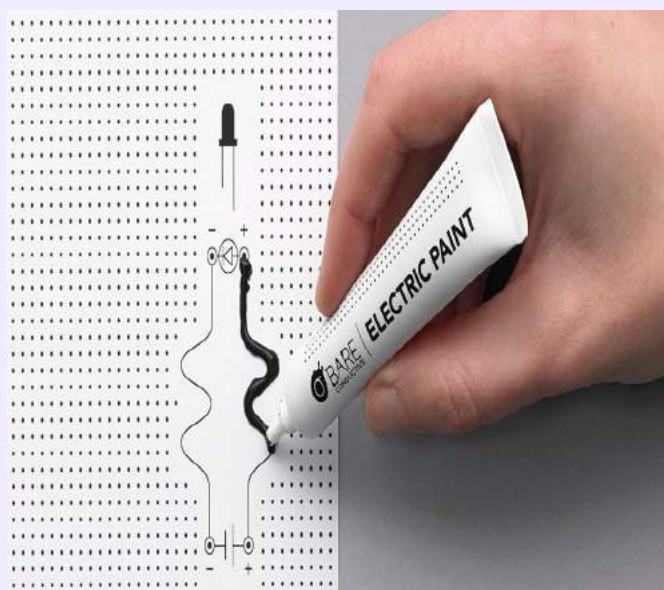
<https://www.upsc.gov.in/user/unacademy>

By-M.Logasundhar and T.Vijayratham- III Year EEE

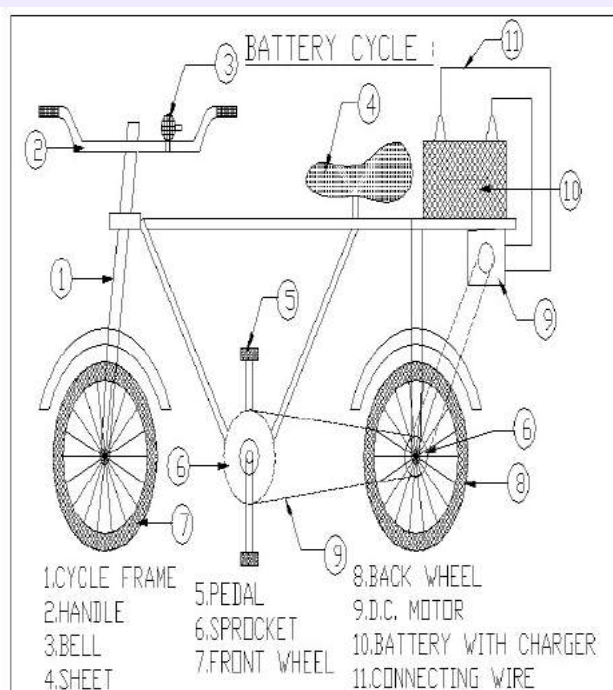
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some other source of power. This power, the alternate power



VISION

“To become internationally renowned institution in technical education, research and development by transforming the students into competent professionals with leadership skills and ethical values.”

MISSION

- Providing the best resources and infrastructure.
- Creating learner-centric environment and continuous learning.
- Promoting effective links with intellectual and industries.
- Enriching employability and entrepreneurial skills.
- Adapting to changes for sustainable development.



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