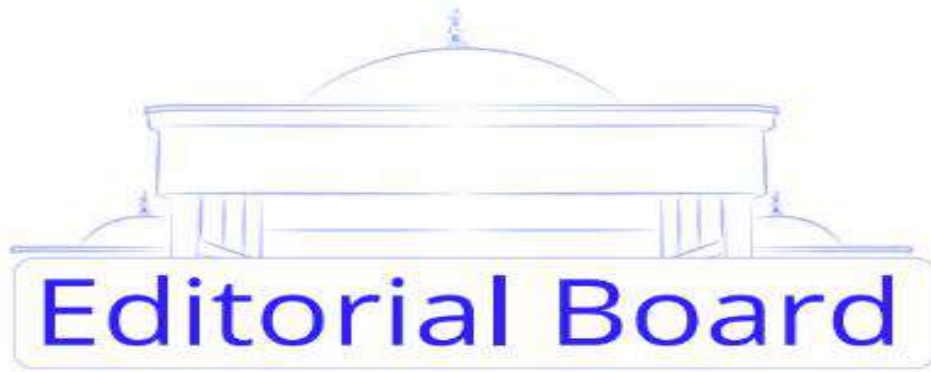


BI-ANNUAL NEWSLETTER

JUNE 2019 - NOVEMBER 2019



GOVERNMENT COLLEGE OF
ENGINEERING,
DHARMAPURI



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From Principal's Desk



I take this opportunity to greet each and everyone of you. I am immensely happy and proud to release the very first Bi-annual newsletter of our college. It records the events from June to November 2019. This newsletter will bring out the events of the college. Sure this will increase the vision of our college. I appreciate the Editorial team for their commendable effort in bringing this newsletter. I wish this should continue ever.

Dr.V.Sumathy,
Principal,
Government College of Engineering,
Dharmapuri.

Campus News

Library Zone

The College Library has 4 printed journals published by Research India Publication to help the faculty and students of all engineering department to update their technical knowledge. It has 8 leading English and Tamil newspapers to update their current knowledge.

Moreover we are subscribing magazines like *Electronics for You* for ECE department, *PC Quest* for CSE department, *Electronical India* for EEE department and *Digit* for all these branches, *Motor Vikatan* (Tamil) and *Auto Today* for Mechanical department, and *New Building Material and*

Construction World and *Builders Line* (sponsored by Prof. Siva Prakasam, Civil Dept.) for Civil department.



The library is subscribing *Competitive Success*, *Pratiyogita Darpan*, *Pratiyogita Kiran*, *GK Today* and *Down to Earth* to facilitate the students preparing themselves for various competitive examinations.

It has a book bank with many Tamil and English general and engineering books and the library personnel request the staff and students to donate freely to the library's book bank to help others gain knowledge freely through re-circulation and this would also reduce the cutting of many trees for printing new books and thus it would indirectly save the forests and earth.

Blood Donation

On the request received from Government Blood Bank Dharmapuri, Prof. M. Santhosh kumar, Assistant Professor, Department of Chemistry organised a Blood Donation Camp in which Youth Red Cross & Red Ribbon Club student volunteers and staff of our college donated blood to Dharmapuri Government Hospital blood bank on 16.10.2019.



Tamil Mandram

The inaugural function of Tamil Mandram with the title "Manavar Sindhanai Peravai" was held on 15.10.2019 and Dr.M.Sivaprakasam, Assistant Professor of Tamil, Government Arts College, Dharmapuri was invited as the chief guest.



மாணவர் சிந்தனைப் பேரவை தொடக்கம்...



தருமபுரி அரசு பொறியியல் கல்லூரியில் தமிழ் இலக்கிய மன்றம் சார்பில் நடைபெற்ற மாணவர் சிந்தனைப் பேரவை தொடக்க விழாவில் மாணவர்களின் படைப்புகள் அடங்கிய குவியம் தொகுப்பு நூலை அரசு கலைக் கல்லூரி பேராசிரியர் கு.சிவப்பிரகாசம் வெளியிட பெற்றுக்கொள்கிறார் கல்லூரி முதல்வர் வே.சுமதி.

 **தினமணி**

Wed, 16 October 2019

<https://epaper.dinamani.com/c/44703649>





FIT INDIA MOVEMENT

Fit India Movement was launched in our college on 29.08.2019, the same day of the launch of the movement by our Honourable Prime Minister Narendra Modi.



Computer Science and Engineering Department

FDP / Short Term Training Programme Attended:

Effective Teaching program sponsored by NITTR Kolkata was conducted for one week from 15.07.2019 to 19.07.2019 at Government college of Engineering, Dharmapuri. Prof B. Jothi, Prof Alok Kumar, Prof M.Priadarsini, Prof R.Narmatha and Prof K.M. Kirupa Shankar have attended the program.

Training Programme for the English Language Teachers in Engineering and Technical Institutions for four days from 18.09.2019 to 21.09.2019 sponsored by Tamilnadu

government was held at Government college of Engineering, Dharmapuri. Prof. B.Jothi, Prof. Alok Kumar, Prof M.Priadarsini, Prof R.Narmatha and Prof K.M. Kirupa Shankar have attended the program.

Prof. B. Jothi has attended a one week Training programme on *Internet of Things* sponsored by AICTE Training And Learning (ATAL) Academy from 04.11.2019 To 08.11.2019 at Government College of Engineering, Sethurappatti, Trichy.

Prof. Alok Kumar has attended a one and half week Training programme on *Problem Solving*

through Programming in C sponsored by NPTEL - AICTE from 29.07.2019 To 16.11.2019 on NPTEL ONLINE (IIT Madras).

Prof. M. Priadarsini has attended a one week Training programme on *Programming, Data Structures and Algorithms using Python* sponsored by NPTEL - AICTE from 29.07.2019 To 20.09.2019 on NPTEL ONLINE (IIT Madras).

Prof R. Narmatha has attended a one week Training programme on *Theory Of Computation* sponsored by NPTEL - AICTE from 29.07.2019 To 20.09.2019 on NPTEL ONLINE (IIT Madras).

Prof. K.M. Kirupa Shankar has attended a one and week Training programme on *Stress Management* sponsored by NPTEL - AICTE from July To August 2019 on NPTEL ONLINE (IIT Madras).

Guest Lectures Delivered:

Prof B. Jothi has delivered a Guest lecture on Faculty development programme on *Cyber Security* sponsored by AICTE Training And Learning (ATAL) Academy on 23.10.2019 at Government College of Engineering, Sethurappatti, Trichy.

Prof. Alok kumar, M.Priadarsini, K.M. Kirupa shankar have delivered a Guest lecture on *Hands on Workshop on Python Programming* sponsored by Tamil Nadu State Council for Science and Technology (TNSCST) on 30.10.2019, 31.10.2019 at Government college of Engineering, Dharmapuri.

Workshop Conducted:

Prof B. Jothi and Prof. M.Priadarsini have conducted a Workshop on *Hands on Workshop on Python Programming* sponsored by Tamil Nadu State Council for Science and Technology (TNSCST) on 30.10.2019, 31.10.2019 at Government college of Engineering, Dharmapuri.



Placement:



Mr. R. Anand (IV CSE) has been selected for the position of System Engineer in Grade C1. He will be assigned a challenging role in any Business Unit as per the business requirements of TCSL. Gross salary including all benefits and Retention Incentive will be 7 Lakhs per annum.

Ms. R. Vanitha (IV CSE) has been selected for the position of Assistant System Engineer-Trainee in Grade Y as a part of the application development and maintenance projects across any of the business units of TCSL. Gross salary including all benefits will be 3.4 Lakhs per annum.

Industrial visits:

48 second year students have visited “Tech forge” software company at Salem on 23.09.2019.

Publications:

Prof. B.Jothi has published a research paper on the title “ Mathematical Modeling on Network Fractional Routing Through Matrix Inversion ” , Journal of Interdisciplinary Cycle Research Volume 11, Issue 11, November 2019, Page No. 231-235.

Civil Engineering Department

FDP / Short Term Training Programme Attended:

Prof. T.Sarathkumar and Prof.P.Gowthamramkarthik have attended a two week Faculty Development programme on *Analysis and Design of Structural Steel Works as per IS 1893:2016 and IS 800:2007* at Government College of Engineering, Salem.

Workshop Attended:

Prof. M. Gowthaman has attended a one day workshop on *Role of Instrumentation in Geotechnical Engineering* at National Institute of Technology, Tiruchirappalli.

Student Achievements:

GATE Examination

Final year student S.Vijayakumar (613515103048) has cleared GATE examination with 90.5 percentile score and has joined M.E. Geotechnical Engineering at Anna University, CEG Campus, Chennai.

a) TNCCSE

Final year student S.Rafiqraja (613515103031) has cleared Mains exam of Tamilnadu Combined Civil Service Examination and has been called for interview.

Activities

Survey Camp for 3rd year Civil Engineering students has been conducted in first week of July 2019.

Industrial Visit:

a) A three day industrial visit program was arranged for Final year Civil Engineering students to Cardinal Construction at Nagercoil, R.V.N Building Construction at Kanyakumari and Topographical survey at Kodaikanal for the period from 26.09.2019 to 28.09.2019. Students have gained knowledge about Steel Structure Industrial Buildings, and have visited Gabion Wall constructions.

b) A two day industrial visit program was arranged for Third year Civil Engineering students to Iyan Construction at Nagercoil, Topographical survey at Kodaikanal for the periods from 27.09.2019 to 28.09.2019.

c) A one day industrial visit was arranged for Second year Civil Engineering students to Topographical survey at Kodaikanal on 04.10.2019 to Dream House Construction at Ooty. Students have gained knowledge about Construction of Boiler structure in Civil Engineering field.



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Industrial Visit

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Electrical and Electronics Engineering Department

FDP / Short Term Training Programme Attended:

Prof. R. Ramamoorthi and Prof. S. Nirmalkumar have attended a one week Training programme on *Effective Teaching* sponsored by NITTTR Kolkata from 15.07.2019 To 19.07.2019 at Government College of Engineering, Dharmapuri.

Prof. R. Ramamoorthi and Prof. S. Nirmalkumar have attended a one and half week Training programme on *Power System Analysis* sponsored by NPTEL FDP from July to October 2019 on NPTEL (Online).

Prof. R. Ramamoorthi and Prof. S. Nirmalkumar have attended a 4 day Training programme for the English language Teachers in Engineering and Technical Institutions sponsored by Tamilnadu Government from 18.09.2019 to 21.09.2019 on Government College of Engineering, Dharmapuri.

Prof. R. Ramamoorthi has attended a two week Training programme on *Advanced RF circuit Design and Software Defined Radio* sponsored by AICTE from 12.06.2019 To 25.06.2019 at Government College of Engineering, Salem.

Prof. R. Ramamoorthi has attended a 6 day Training

programme on *EC8451 Electromagnetic Fields* sponsored by Anna University from 18.11.2019 To 23.11.2019 on Government College of Engineering, Dharmapuri.

Prof. S. Nirmalkumar has attended a one and half week Training programme on *Electrical Machines-1* sponsored by NPTEL FDP from July to October 2019 on NPTEL.

Student Achievements:

a) Paper Presentation

S.Nandakumar and D.Poovizhi have won First Prize in Paper Presentation.

T.Vigneshwaran & K.Kirubakaran have won Second Prize in Paper Presentation.

b) Tech Quiz

Amudha and R.Shalini have won Second Prize in Tech Quiz.

Internship:

20 students from EEE Department have attended Internship.

Workshops Attended:

5 students from EEE Department have attended Workshops.

Industrial Visit:

a) A three day industrial visit was arranged for 57 Final year EEE Engineering students to Jothi Electricals at Madurai, Kodaikanal Solar Observatory and Dalmia Wind Farm at Kanyakumari from 23.08.2019 to 25.08.2019.

b) A two day industrial visit was arranged for 49 Third year Civil Engineering students to Tino Engineering at Nagercoil and Dalmia Wind Farm at Kanyakumari on 05.09.2019 and 06.09.2019.

Placement:



Mr. S. Nandhakumar (IV EEE) has been selected in SS Technovation, Chennai. Gross salary including all benefits and Retention Incentive will be 2.16 Lakhs per annum.

Electronics and Communication Engineering Department

FDP / Short Term Training Programme Conducted:

Department of Electronics and Communication Engineering has Organised a six day Faculty Development and Training Programme on “*EC8451 - Electro Magnetic Fields*” sponsored by Anna University during the period 18.11.2019 to 23.11.2019 on Government college of Engineering, Dharmapuri with Dr.V.Rajendran, Head Physics Department (Retired) as the Chief guest.

Publications:

Prof. M.Vijayakumar has published a research paper on the title “*Smart Real Time Data Logging System for Industrial Automation using I2C Protocol*”, International Journal of Engineering Research and Technology (IJERT), ISSN:2278-0181 Volume 8, Issue 07, July 2019.

Industrial Visit:

A three day industrial visit was arranged for 38 Final year ECE students to TTKPrestise industries, Coimbatore and Pasumai FM - Radio station from 21.09.2019 to 23.09.2019.

Placement:



Mr. Chris Antony Rayn (IV ECE) has been selected for the position of System Engineer in Infosys. Gross salary including all benefits and Retention Incentive will be 3.6 Lakhs per annum.



Mr. E. Vivek Pandian (IV ECE) has been selected for the position of System Engineer in Infosys. Gross salary including all benefits and Retention Incentive will be 3.6 Lakhs per annum.

6 Day Faculty Development Training Programme



Mechanical Engineering Department

Publications:

Dr.K.Syed Jafar has published research papers on the title “*Influence of fly ash particles on the performance of a square pyramid solar slit*”, International Journal, “*Study of thermal energy storage medium (fly ash) on the performance of a solar slit*”, Elixir International journal and “*Experimental performance on solar parabolic through collector with twisted tapes absorber*”, International journal on scientific research and reviews.

Dr. N.Muthukumaran has published research papers on the title “*Production of biofuel*

by catalytic cracking process using coal ash catalyst and its effects on DI diesel engine”, International journal on scientific research and reviews.

Dr. A.Velmurugan and Dr.N.Muthukumaran have published research papers on the title “*Production and characteristics of the Bio fuel obtained by catalyst of an DI diesel engine*”, International Journal on scientific research and reviews and “*Performance and emission characteristics of diesel engine using aleovera bio diesel*”, International journal on scientific research and reviews.

Conference and Symposium:

Dr. K.Syed Jafar has presented papers on “*Experimental Performance Of Solar Parabolic Through Collector With Twisted Tapes absorber*”, 3rd International conference on technological advance in Mechanical engineering AMET University, “*Thermal performance Of Solar Parabolic Through Collector With Twisted Tapes absorber*”, SRM Institute of Science and Technology, Vadapalani campus, The 11th International Energy, Energy and Environment symposium (IEEES-11), SRM Institute of Science and Technology and “*Welding characteristics of low heat rejection operated by waste plastic oil and diesel fuel blends*”, (RISWAE-2019) GCE-Bargur.

Dr. N.Muthukumaran has presented papers on “*Characterization Of Coal Flyash Catalyst By Sem And Eds Analysis For Bio Fuel Production*”, NC-CROME 19 SRM Institute of Science and Technology Vadapalani campus, “*Evaluation Of Engine Performance On Biofuel Vegetable Oil Through Catalytic Cracking In Di Diesel Engine*” 3rd International conference on technological advance in Mechanical engineering AMET University and “*Experimental Investigation On Cotton Seed Oil Derived Fuel By Catalytic Cracking Process In Di Diesel Engine*”, Jeppiaaar Institute of Technology.

Student

Achievements:

A.Deva and K.Raghul have presented an award winning presentation in the National Level Technical Symposium SPARTANS2k19 at Mahendra College Of Engineering Salem.

V.Navanith and U.Gowtahn have presented a Paper on National Level Technical Symposium SOLIDUS2K19 Er. Perumal Manimekalai College Of Engineering, Hosur.

V.Navanith has presented a paper titled "*Evaluation Of Engine Performance On Biofuel Vegetable Oil Through Catalytic Cracking In Di Diesel Engine*" 3rd International conference on Technological advancement in Mechanical engineering at AMET University.

Science and Humanities Department

Chemistry Department:

Dr. N. Buvaneswari was recognized as a Supervisor for guiding Ph.D., scholars of Anna University, Chennai.

C. Prathipa received Ph.D., degree at 19th convocation of Periyar University, Salem held on 28.06.2019 for her thesis on the title "*DFT Investigations On The Torquoselectivity of Iron Tricarbonyl Catalysed Electrocyclic Ring Opening Of Substituted Cyclobutenes*".



English Department:
**FDP / Short Term
Training Programme
Conducted / Attended:**

Prof. M. Tamilselvan has attended a one week training programme on “*Personality Development and Neuro Linguistic Programming*” from 25.11.2019 To 29.11.2019 at NITTTR Chennai.

Prof. I. Ambiha has attended a one week Training programme on “Effective Teaching” sponsored by NITTTR Kolkata from 15.07.2019 To 19.07.2019 at Government College of Engineering, Dharmapuri.

Prof. I. Ambiha has coordinated a 4 day Training Programme for the English Language Teachers in Engineering and Technical Institutions sponsored by Tamilnadu Government from 18.09.2019 To 21.09.2019 at Government College of Engineering, Dharmapuri.



Ph.D Registration:

Prof. M.Tamilselvan has registered for Ph.D on the tentative title "*An Empirical study on Communicative Language Teaching for Engineering students*" in Anna University for January 2020 session under the guidance of Dr. S.N. Mahalakshmi, Assistant Professor of English, Anna University Regional Campus Coimbatore.

Literary and Debating Society:

English department has organised the Inauguration of LDS on 03.10.2019 with Prof.Karthikeyan, Assistant Professor, Department of English, Thanthai Periyar Government Institute of Technology, Vellore as the chief guest.

Events Organised:

Prof. I.Ambiha has coordinated the events conducted on the eve of 150th birth anniversary of Mahatma Gandhi.

Essay writing (English):

- a) C.Abinaya 2nd CSE - 1st prize
- b) K.Monisha 1st ECE - 2nd prize
- c) A.K.Mouliraj 1st CSE - 3rd prize

Essay writing (Tamil):

- a) V.Kalaivani 2nd CSE - 1st prize
- b) D.Kalaivani 1st EEE - 2nd prize
- c) S.Sugi 1st CSE - 3rd prize

English Elocution:

- a) R.Sopana 1st ECE and M.Kavya 1st Civil - 1st prize
- b) S.Abinaya 2nd CSE - 2nd prize
- c) Soundarya 1st ECE - 3rd prize

Tamil Elocution:

- a) S.Deepa Ashwin 3rd CSE - 1st prize
- b) T.Abinaya 1st CSE - 2nd prize
- c) M.Ezhilarasan 3rd CSE - 3rd prize



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Inauguration of
Literary and
Debating Society

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