Editorial Committee:

Dr. M. Arularasu
Principal

Dr. M. Thamilselvan
Asso. Professor
Physics Department

Dr. J. Sreerambabu
Asso. Professor
Civil Engg. Department

Thanthai Periyar
Government Institute of Technology, Vellore.
Affiliated to Anna University, Chennai.
Website: www.tpgit.edu.in
Phone No: 0416 - 2267762
It is cheering that the editorial board endeavors to bring out a newsletter to highlight the activities took place in 2013 - 14. These activities centers around the mission of technical education of Govt. of Tamilnadu, imparting technical knowledge to the students and moulding their character to be a responsible citizen who can quench the thirst of the need-based society and make the country renowned scientifically and technologically.

COLLEGE PROGRAMMES

22nd GRADUATION DAY - 2nd JUNE, 2013
Chief Guest: Dr. Sivathanu Pillai, CEO, DRDO
Degree conferred to 300 students

OPENING CEREMONY OF SBI ATM MACHINE
On 3rd December 2013
Chief Guest: Dr. R. Nanthagopal, IAS, District Collector, Vellore.

Pongal Day Celebration on 11.01.2013
Chief Guest: Kavingar Erusan

Issue of TANCET Hall Ticket on 06.02.2013
Distribution of MHRD Sponsored Aakash Tablet to PG Students

Indian Society for Technical Education (ISTE) student’s chapter Inauguration on 17th September 2013
Chief Guest: Dr. R.K. Elangovan, Director (Safety) Regional Labour Institute, Ministry of Labour Govt. of India

Annual Sports Day Function on 10th April 2013
Chief Guest: Dr. R. Thirumalaisamy Former vice-chancellor Tamilnadu State Sports and Physical Education University, Chennai.

MEDALS RECEIVED

- Women team won the bronze medal in Anna University 6th Zone Inter college Table Tennis Tournament on 16th September 2013
- Men team won the Silver medal in Anna University 6th Zone Inter college Kabbadi Tournament organized on 4th October 2013
- Mr. M.Y. Mohamed Rasheed Final Year Mechanical Engineering Won the Gold medal in 50m back stroke and 100m free style swimming competition for chief minister trophy conducted on 25th October 2013.

PLACEMENT
Our college students were placed in the following companies during the academic year 2013 - 2014

(i) WIPRO Pvt. Ltd.
(ii) CTS Pvt. Ltd.
(iii) Accenture Pvt. Ltd.
(iv) VVDN Technologies Pvt. Ltd.
(v) ZOHO Corporation Pvt. Ltd.
(vi) CSC Pvt. Ltd.
Association Inaugural Function on 10th October 2013
Chief Guest: Dr. ARUL JAYACHANDRAN
Professor
Department of Civil Engineering IIT Madras.

Guest Lecture on FAST TRACK CONSTRUCTION on 10th October 2013
Presented by: Dr. ARUL JAYACHANDRAN
Professor of Civil Engineering
IIT Madras.

Software Training Programme on STAAD Pro. (24.07.2013 to 04.08.2013)

GATE 2013 Coaching Class
Organised by: Department of Civil Engineering TPGIT, Vellore.

SURVEY CAMP
Conducted at Katupadi near Vellore
Coordinating Staff: Thiru. S. Murugan and Thiru. R. Prakash
No. of Students: Participated 65
Students Achievements and University Rank Holders

- D. Rukmangadan and S. Manoj Final Year B.E Civil Engineering students have secured All India Ranks 28th and 98th respectively in the GATE 2013 Examination.
- D. Jothi Arun and S. Nandhini got second prize in the technical quiz competition (Zonal Level) conducted by Ultratech Cement.
- B. Bharanidharan and J. Gowtham Rajan got 1st and 3rd prize in Sri Ramanujan Maths Competition (Zonal Level) conducted by ISTE Delhi.

<table>
<thead>
<tr>
<th>S.No.</th>
<th>Name of the Students</th>
<th>Batch</th>
<th>Anna University Rank</th>
</tr>
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<tbody>
<tr>
<td>1</td>
<td>Deivanai.M</td>
<td>2009-13</td>
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<td>Jothiarun.D</td>
<td>2009-13</td>
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<td>3</td>
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<td>4</td>
<td>Nandhini.S</td>
<td>2009-13</td>
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<td>5</td>
<td>Manoj.S</td>
<td>2009-13</td>
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<tr>
<td>6</td>
<td>Siva Sankari.P</td>
<td>2009-13</td>
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</tr>
</tbody>
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Improvements of Laboratories (MODROBS)

- Modernization and removal of obsolescence in survey laboratory by Prof. G. Panneerselvam. 6.3 lakhs is being sanctioned for this work.
- Modernization of Strength of Materials Laboratory by Dr. J. Sreerambabu 14 lakhs is being sanctioned for this project.

Ph. D., Pursuers

- Prof. G. Panneerselvam is doing Ph.D., under the guidance of Dr. S. Kandasamy, Professor, GCT
- Mr. K. Candassamy of Civil Engineering Department is pursing Ph. D. under the guidance of Dr. J. Sreerambabu, Associate professor, TPGIT
- Mr. R. Prakash of Civil Engineering Department is pursing Ph. D. under the guidance of Dr. R. Thenmozhi, Associate professor, GCT

Ph.D Guiding

Dr. J. Sreerambabu of Civil Engineering Department is guiding the following candidates

1. Mr. M.K. Padmanaban, CPT, Chennai
2. Mr. K. Candassamy, TPGIT, Vellore
3. Mr. M. Kumaran, Jei Mathaji College of Engineering, Kanchipuram

Revenue Generation

Rs.13.67 lakhs of revenue of collected through the consultancy and laboratory testing for the period of 1st January 2013 to 30th October 2013
Departmental Events

- Mechanical Engineering Association Inaugural Function was conducted on 9th September 2013. The event was presided over Dr. M. Arularasu, Principal and inaugurated by Dr. K. Gopalakrishnan, M.E., F.I.E., Ph.D., Chairman, Institute of Engineers (India), Karnataka.
- One day national level technical symposium “MECHKRIYA ’13” was conducted on 15-04-2013.
- SPEAK EASY CLASS was conducted for enhancing the communication skills for the passed out Final Year B.E. Mechanical Engineering students.
- An awareness programme on “Engineers without Borders” was conducted in September 2013. Special lectures were delivered by Th. V. Dillibabu, Scientist, DRDO, Bangalore, Th. D. Gokul, Scientist, ISRO, Sriharikota and Dr. S. Pugazhendhi, Anna University, Chennai.

Awards Received

Awarded to
Tmt. M. KANTHASHOBA, Assistant Professor
KANNADSAN AWARD

Motivated more than 100 NSS Students to participate in the State Level Essay Writing, Poetry and Drawing Competition

University Rank Holders

<table>
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<tbody>
<tr>
<td>1</td>
<td>UDAYA MOORTHY.K (PG Student)</td>
<td>2011-13</td>
<td>1</td>
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<tr>
<td>2</td>
<td>LINGARAJ.N (UG Student)</td>
<td>2009-13</td>
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</tbody>
</table>
Modernization and removal of obsolescence, CIM Software by Prof.S.Nadarajan. 4.5 lakhs is being sanctioned for this work.

Modernization and removal of obsolescence in Multi - Cylinder Petrol Engine Test Rig by Prof.S.Rajkumar 7 lakhs is being sanctioned for this project

**Ph. D Guiding**

Dr. M. Arularasu, Principal : 10 Scholars

**Ph.D Pursuers**

Mr.S.Nadarajan Associate Professor is pursing Ph. D. under the guidance Dr.T.Alwarsamy, Liaison Officer, Directorate of Technical Education, Chennai 25 in the area of Engineering Design.

Mr.A.Muralidhar Associate Professor of Mechanical Engineering department is pursing Ph. D. under the guidance Dr.T.Alwarsamy, Liaison Officer, Directorate of Technical Education, Chennai 25 in the area of Industrial Engineering.

Mr.P.Praveen Raj Assistant Professor of Mechanical Engineering department is pursing Ph. D. under the guidance Dr.A.Elayaperumal, Associate Professor, CEG, Guindy, Chennai-25 in the area of Machining of Composites.

Mrs.K.Anbukarasi Assistant Professor of Mechanical Engineering department is pursing Ph. D. under the guidance Dr.S.Kalaiselvam in the area of Natural Fiber Reinforced PNC.

Mrs.T.Suja Assistant Professor of Mechanical Engineering department is pursing Ph.D. under the guidance Dr.G.Nagarajan in the area of Homogeneous Charge combustion Ignition Engine.

Mrs. K.Sakunthala Assistant Professor of Mechanical Engineering department is pursing Ph. D. under the guidance Dr.S.Iniyan in the area of Energy forecasting and Optimization for Tamil Nadu State.

**PUBLICATIONS**

Prof A.Muralidhar Associate Professor published paper in the field of “MULTI-OBJECTIVE OPTIMIZATION OF PARALLEL MACHINE SCHEDULING USING NEURAL NETWORK” in National Conference of “International Journal of Latest Trends in Engineering and Technology (IJLTET) Volume 2, Issue 2, March 2013”

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**Department of ECE**

**EPULZ-2K13 Symposium on 27th Feb 2013**

Chief Guest :

**Dr. Thamaraiselvi**, Dean-MIT, Chennai and

**Ms. R. Wahidennisa**, Alumni of TPGIT, Manager of Jasmine Infotech, Chennai.

**ISTE Workshop on ANALOG ELECTRONICS**

in collaboration with IIT Kharagpur

Remote Centre Coordinator : Dr. J. Sreerambabu

Workshop Coordinator : Thiru. B. SenthilMurugan
Departmental Events

Department of ECE conducted a one day National Conference “NCAEC’13” on 16th April 2013. Dr. T.K. Shanthi, Associate Professor ECE coordinated the event under the head of Prof R. Satyabama, HOD ECE. More than 70 students participated from various universities presented their paper.

ECE Association was inaugurated by the Chief Guest Mr. Satyamoorthy, General Manager BHEL, Dr. M. ARULARASU, and Principal on 18th October 2013.

University Rank Holders

<table>
<thead>
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<tbody>
<tr>
<td>1</td>
<td>Ms. Sumitha</td>
<td>2012 - 13(PG)</td>
<td>8</td>
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<tr>
<td>2</td>
<td>Ms. Vaishanavi T.N</td>
<td>2012 - 13(PG)</td>
<td>27</td>
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<td>3</td>
<td>Ms. Gayathri S</td>
<td>2012 - 13(PG)</td>
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<td>4</td>
<td>Ms. Anisha T Alex</td>
<td>2012 - 13(PG)</td>
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<td>5</td>
<td>Mr. N. Hemanth Kumar</td>
<td>2012 - 13(UG)</td>
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<tr>
<td>6</td>
<td>Ms. S. Vishnu Priya</td>
<td>2012 - 13(UG)</td>
<td>50</td>
</tr>
</tbody>
</table>

PUBLICATIONS

- Prof R. Satyabama, HOD ECE published 3 papers in the field of Image processing in National Conferences.
- Dr. T.K. Shanthi, Associate Professor published 3 papers in the area of Communication in National Conferences and 2 papers in International journals.
- Prof J. Vijaya, Associate Professor published 3 papers in the field of Cryptography in National Conferences.
- Dr. Rahila Bilal, Associate Professor published 3 papers in the area of Network Security, VLSI in National Conferences.
- Prof K. Beulah Suganthy, Associate Professor published 3 papers in the field of Bio signal processing in National Conferences.
- Dr. S. Letitia, Associate Professor ECE and has published 10 papers in National Conferences and Journal and six students are pursuing Ph.D. under her guidance.
DEPARTMENTAL EVENTS

One day workshop on JAVA Pro was conducted on 08.03.2013. Mr. B. Karthikeyen, Elliot Technologies, Chennai inaugurated and delivered guest Lecture.

One Day workshop on Network Security was inaugurated by Dr. D. Arivudainambi, Associate Professor, Department of Mathematics, Anna University Chennai on 09.04.2012.

DEPARTMENT OF SCIENCE AND HUMANITIES

Science Association Inaugural Function on 21.11.2013

Chief Guest : Dr. S. Sundar
Professor of Mathematics IIT Madras

Science Club Function on 28.11.2013


Technical Symposium PRAGYAN13 on 13th April 2013

Chief Guest : Dr. J. Daniel Chellappa,
BARC, Mumbai.

PUBLICATIONS


Dr. M. Thamilselvan's research publications have been cited in the following journals:


CONFERENCES

Principal Congratulated
Dr. S. Murugavel, Asst. Professor for getting Dr. Radhakrishnan Gold Medal Award

Presented By Global Economic Progress & Research Association [GEPRA], Tamilnadu for Outstanding Individual Contribution In Education & Research On 19.10.2013

CITATION INDEX  H-INDEX 3

Ph. D Pursuing
Mr. J. Rex Martin Sahayaraj, Asso. Professor / Mathematics
Mr. D. Babu, Asst. Professor / Mathematics
Mr. V. Veteri Velan, Asst. Professor / Physics

Ph. D Guiding
Dr. M. Thamil Selvan, Asso. Professor / Physics : 9 Scholars
Dr. P. Manivel, Asso. Professor / Chemistry : 2 Scholars
Dr. S. Murugavel, Asst. Professor / Physics : 11 Scholars

TPGITians Alumni meet on 16.02.2014

Honouring the Patron & Principal

An alumnus shares his views and experiences

TPGITians Alumni meet on 17.02.2013

Deliberation of the dignitaries

A view of the gathering