



GOVERNMENT COLLEGE OF ENGINEERING
BARGUR - 635104

AFFILIATED TO ANNA UNIVERSITY - CHENNAI



Annual Report

May 2013 - June 2014

MESSAGES

Message of BOG Chairman

It is observed with pride that the university examination results of the students have been very much improved. A number of students have secured university ranks and GATE scores which would fetch them opportunities for higher education and job opportunities in Government sectors.



For the development of the students as well as the institution, laboratory, equipments and other related facilities have been very much upgraded with the aid of TEQIP. The lab facilities have been modernized in such a way that it would generate revenue. Library facilities have been also improved. New buildings have been constructed for Mechanical Engineering branch and hostel for boys. Approval for the construction of special hostel for SC/ST students has been sanctioned. Online banking facility has been arranged for students.

Each department conducted Faculty Development Programs, Staff Development Programs and Student Development Programs in which both internal and external members participated. In the same way, members of staff were sent to other institution in order to attend TEQIP sponsored programs which are meant to improve their quality of teaching. Placement training programs were conducted for fetching job opportunities for the students.

Personality development and communication skill program has been conducted for their intellectual growth and to inculcate the professional competency for the students with full Energy and passion.

BoG meetings were conducted periodically to discuss and asses the various issues related to the development of the institution.

MoUs were signed with leading industries, as industrial collaboration would enrich the practical knowledge of the students and would fetch the student's placement opportunities

Even though the institution is situated in rural area, it is richly potential with quality students whose standard is consistently being improved through various programs, who also undergo frequent training for enhancing their pedagogical skills.

I convey my best wishes to all the staffs, students and their parents for a successful future and good education.

VISION AND MISSION OF THE INSTITUTE

Vision of the Institute

To provide world class engineers who are ethical and good citizens of our Motherland

Mission of the Institute

To groom the student community through learner centric quality lectures, Laboratories, libraries and value added training.

Message from Principal

I am very much pleased to present the second issue of annual report for the academic year, May 2013 – June 2014.our institution has developed in different ways with the aid of TEQIP-II funds.

Our faculty have enriched their technical knowledge, through various programmes related to pedagogy, technical aspects, management skills& development, etc., conducted by various organisations as well as by our own institute.

A number of faculty development programmes and staff development programmes were conducted in our institution and teaching and non-teaching members of staff belonging to other institutions of our country were much benefitted by these programmes.

Student development programmes were conducted with a view to shape the personality of the students, enriching their practical and theoretical knowledge, improving their soft skills and hence increase their placement.

With all these programmes, our institution has scored good results in Anna university semester examination during the academic year 2013-2014.I thank all our teaching faculty, non-teaching staff and administrative staff for their whole hearted support. In the forth coming year also the same kind of dedication and hard work for the development of the institution and for the welfare of the students is expected from the members of faculty. I thank everyone who has contributed for the successful achievements of the previous academic year2013-2014.



Message From TEQIP Coordinator, GCE, BARGUR

I am happy that the second issue of Annual Report of our Institutional activities is being released. I have been associated with the TEQIP activities as Professor and Head of ECE and TEQIP Coordinator of our Institution for the past one year. The liberty, flexibility and independency of the Governance of our Institution made me to add my contributions also to the overall growth of the Institution. This is mainly due to our Principal and her dedication. This annual report is one among the many that shows her sincerity. The faculty and staff team reciprocate with their committed discharging of their responsibilities.



The faculty and staff team feel proud to provide quality education by equipping our students with skills, confidence and a positive approach with an all round development which is made possible with the financial assistance provided under TEQIP – II. At the same time college is relentlessly striving to perceive and maintain academic excellence and encourages the students to participate in various co-curricular and extra-curricular activities.

Progress of an Institute depends mainly on performance of the students in academics, sports and cultural activities along with maintaining high values and ethics. I am Proud to say that our students are improving in academics, sports and cultural activities with high values and ethics.

I wish to be a part of the development of our Institution in the years to come. Finally, I wish to add the following quote:

Technology is just a tool. In terms of getting the kids working together and motivating them, the teacher is the most important.

--- Bill Gates

Dr.M.Chandrasekaran

Vice Principal

Professor and Head, Dept. of ECE

TEQIP Coordinator

Message From Senior Research Advisor



ESCI-The Institution of Engineers (India)

(ISO 9001:2008 Certified, AICTE & CEA Recognized Institution)



director@escihyd.org
www.escihyd.org

June 6, 2014
Hyderabad



I would like to congratulate Principal and Faculty of Government College of Engineering Bargur on various proactive initiatives that have been taken on R&D, Skill Development and Employability Enhancement of students. Specially, your programs taken up under TEQIP have given immensely useful inputs to young students in areas connecting with Micro Air Vehicles, Small Satellite and Remote Infrastructure Management Service.

My special congratulations to GCE, Bargur on securing a R&D project from Aeronautics Research Development Board of DRDO.

I sincerely wish that the Principal, Faculty and Students of GCE, Bargur will achieve greater heights in near future.

Dr. U Chandrasekhar, FIE
Director - ESCI

TEQIP-II ACTIVITIES

Faculty Development Programmes

FDP-Training Programmes organized in the Institution

Faculty Development Programmes have been conducted in the institution by all the departments to train the faculty from our college and from the colleges in and around Tamil Nadu. The resource persons for the FDP were eminent personalities from Industries and reputed Institutions who have shared their knowledge and experiences through expert lectures and practical sessions. The faculty members were able to enhance their technical skills and also to equip themselves for enhancing the quality of students.



TEQIP-II Sponsored One Week Faculty Development Programme on "Energy auditing , accounting and conservation of energy" from 19th to 25th June, 2013.

TEQIP-II Sponsored One Week Faculty Development Programme on "Processing and Application of Composites" from 21st to 27th June, 2013.



FDP-Training Programmes organized in the Institution



TEQIP-II Sponsored One Week Faculty Development Programme on "Reverse Engineering and Prototype" from 16TH to 22ND July, 2013.

TEQIP-II sponsored One Week Faculty Development Programme on "INDUSTRIAL AUTOMATION Using PLC, SCADA and DCS" from 24th to 30th July 2013.



TEQIP-II sponsored one week Faculty Development Programme on "Research issues in Data Mining" from 19.08.2013 to 25.08.2013

FDP-Training Programmes organized in the Institution



TEQIP-II Sponsored One Week Faculty Development Programme On "Research Issues in VLSI Design And Testing" from 20th to 26th August, 2013.



TEQIP-II Sponsored One Week Faculty Development Programme On "Intelligent Controllers for Electrical Systems" from 21st to 27th August, 2013.

TEQIP-II Sponsored One Week Faculty Development Programme on "Power Electronics in future power System" from 11th to 17th

November, 2013.



FDP-Training Programmes organized in the Institution



TEQIP-II Sponsored One Week Faculty Development Programme on "Exploiting Cloud Computing for real time Applications" from 18th to 24th November, 2013.



TEQIP-II Sponsored One Week Faculty Development Programme On "Recent Advances in Optimization Techniques" from 18th to 24th November, 2013.

TEQIP-II Sponsored One Week Faculty Development Programme On "Soft Computing and its Applications to Engineering" from 25th November to 1st December, 2013.



FDP-Training Programmes organized in the Institution



TEQIP-II Sponsored One Week Faculty Development Programme On "Optimizing Techniques In Electrical Power System" from 4th to 10th December, 2013.

TEQIP-II Sponsored One Week Faculty Development Programme On "Recent Advances in IC Engines Research" From 2nd to 8th December, 2013.



FDP-Training Programmes organized in the Institution



TEQIP-II Sponsored One Week Faculty Development Programme On
“Recent Advances in Alternative Fuels Research” from 11th to 17th
December, 2013.

TEQIP-II
Sponsored
One Week
Faculty
Development
Programme
On “Emerging
Software
Applications
to Electrical
Systems”
from 17th To
23rd
December,
2013.



FDP-Training Programmes organized in the Institution



Anna University Sponsored one week Faculty Development Training Programme on "Design and Analysis of Algorithms" from 6th to 12th January 2014.

TEQIP-II Sponsored One Week Faculty Development Programme On "Solid Waste Management Handling Rules And Recycling" from 23rd to 29th January 2014.



TEQIP-II Sponsored One Week Faculty Development Programme On "Nanotechnology in Electrical Power Systems and Sensor Applications" from 28th April. To 4th May 2014.



FDP-Training Programmes organized in the Institution

TEQIP-II Sponsored One Week Faculty Development Programme On “Solar Photovoltaic System Design, Installation And Maintenance” from 5th to 11th May 2014.



TEQIP-II Sponsored One Week Faculty Development Programme On “Recent MATLAB techniques to Engineering Applications” from 12th to 18th May 2014.

TEQIP-II Sponsored One Week Faculty Development Programme On “Green Energy for sustainable development and Environment” from 19th to 25th May 2014.



FDP-Training Programmes organized in the Institution

TEQIP-II Sponsored
One Week Faculty
Development
Programme On
“MANET’s-
opportunities and
challenges” from
19th to 25th May
2014.



TEQIP-II Sponsored
One Week Faculty
Development
Programme on
“Research Issues in
Computer Networks-
Wired and Wireless”
from 19th to 25th May,
2014.

"YOUR FUTURE IS CREATED BY WHAT
YOU DO { TODAY }
NOT { TOMORROW }"

*Don't worry about
those who talk behind
your back.
They're behind you for a reason.*

FDP-Training Programmes organized in the Institution



TEQIP-II
Sponsored
One Week
Faculty
Development
Programme
on "Modelling
and
Simulation In
Mechanical
Engineering"
from 19th to
25th May,
2014.

TEQIP-II
Sponsored
One Week
Faculty
Development
Programme
on "Electro
nic System
Design"
from 26th May
To 1st June,
2014.



FDP-Training Programmes organized in the Institution

TEQIP-II
Sponsored
One Week
Faculty
Development
Programme
on
“Challenges
and
Opportunities
in Indian
Power
scenario”
from 26th May
to 1st June,
2014.



FDP-Training Programmes attended outside the Institution

The faculty members from Government College of Engineering, Bargur were able to participate in many of the training programmes outside the institution through TEQIP-II. The training programmes include technical training, management capacity enhancement training, pedagogical training and personality development training. Many residential trainings were given by reputed institutions which include IITs, NITs, ISTE, SEED, ESCI, Edumatic Solutions, etc. and are listed below.

Title of activity with date	Name of the Beneficiaries	Name of the organization
1. Language use in technology Integrated Classroom Communication 20-06-2013 to 26-06-2013	Dr.G.Suchitra(ECE)	GCT Coimbatore

<p>2. Faculty Enablement programme 3-06-2013 to 7.06-2013</p>	<p>Prof.CMT.Karthikeyan(CSE) Prof.S.Selvi.(CSE)</p>	<p>Infosys conducted in Mahendragiri college</p>
<p>3.PMSS and e-FMR Training 03-06-2013 to 05-06-2013</p>	<p>Prof.P.E.IrinDorathy(ECE) Prof.T.Govindan(Maths)</p>	<p>COE,TVM</p>
<p>4.Residential Academic Leadership Programme 09.07.2013-12.07.2013</p>	<p>Prof.K.Manogaran(ECE) Prof.I.Thangaraju(EEE) Prof.G.RajKumar(Mech) Prof.CMT.Karthikeyan(CSE) Prof.V.Arivumani(EEE) Prof.D.Kulandaivel(mech) Prof.S.AnanthaKumar(Mech) Prof.C.SatheeshPandian(CSE)</p>	<p>Shruth & Smith Foundation in Hotel Sai Vishram, Bengaluru</p>
<p>5.VLSI System On Chip Design And Validation –A Practical Approach 10.07.2013-13.07.2013</p>	<p>Prof.M.Kavitha(ECE) Prof.M.Elangovan(ECE)</p>	<p>M.S.Engineering College Bengaluru.</p>
<p>6. Residential Faculty Development Training program 15.07.2013-19.07.2013) (i) Data Structures & OOPs (ii) Engg Mechanics (iii) Signals & Systems (iv)Probability & Random process 23.07.2013-27.07.2013) (v) VLSI Design (vi) Electromagnetic Theory (vii)Engineering Graphics</p>	<p>Prof.J.NafeesaBegum(CSE) Prof.S.Selvi.(CSE) Prof.N.Jagadeeswari(CSE) Dr.I.Rahamathullah(MEch) Prof.D.Kulandaivel(Mech) Dr.G.Saravanan(Civil) Prof.Sutha(Maths) Prof.P.E.IrinDorathy(ECE) Prof.Bhavani(EEE) Prof.J.Sundaravanan(ECE) Prof.A.Thangaraj(EEE) Prof.G.Suchitra(ECE) Prof.M.Kavitha(ECE) Prof.Bhavani(EEE) Prof.S.SankarGanesh(Mech)</p>	<p>Anna University in The Checkers Hotel, Chennai</p>
<p>7. Two days seminar in “Latest Developments in photovoltaic technology”(EEE) 07.08.2013-08.08.2013</p>	<p>Prof.A.Thangaraj(EEE) Prof.K.Mohan(EEE)</p>	<p>PSG Tech ,Coimbatore</p>

8. Research Methodology 30.08.2013-31.08.2013	Prof.A.Thangaraj(EEE) Prof.M.ArulKumar(ECE) Prof.S.Selvi.(CSE) Prof.G.RajKumar(Mech)	IIT,Chennai
9.Good Governance and Academic leadership programme (28.08.2013-30.08.2013)	Prof.P.Thirumal(Mech Prof.T.Govindan(Maths)	Confident Amoon,Venkatapura,Bangalore
10.Programme for leadership in University Management(ECE) (31.08.2013-06.09.2013)	Dr.M.Chandrasekaran(ECE)	IIM ,Kozhikode & National University,Singapore
11.Industrial Automation PLC /Motors/Drives/Sensors/MMI/ Scada(EEE) (02.09.2013-07.09.2013)	Dr.I.Thangaraju(EEE) Prof.A.Thangaraj(EEE)	Silicon Education World Pvt Ltd, Bangalore
12.Preparation of Research &Development Proposals 04.10.2013	Dr. V. Thirunavukkarasu(ECE) Prof.P.Thirumal(Mech Prof.T.Govindan(Maths) Dr.I.Thangaraju(EEE)	Engineering staff college of India ,Hyderabad
13.Teaching learning Methodology (16.10.2013-18.10.2013)	Prof.J.Sundaravanan(ECE) Prof.R.Kartika Devi(Eng) Prof.P.Natarajan(Mech) Prof.CMT.Karthikeyan(CSE)	IIT, Madras
14. AICTE sponsored programme on Recent trends in Condition monitoring of power Apparatus Systems (EEE) (14.10.2013-18.10.2013)	Dr.I.Thangaraju(EEE) Prof.V.Arivumani(EEE) Prof.K.Mohan(EEE)	IIT, Madras
15.Strengthening Academic Leadership Traits & Good Governance(22.10.2013-24.10.2013)	Prof.K.Subathra (Principal) Prof.P.Thirumal(Mech)	Chennai

16. AICTE sponsored Two week FDP “ Verification and Testing of VLSI Circuits” (ECE) (06.11.2013-19.11.2013)	Dr.G.Suchitra(ECE)	PSG College of Technology, Coimbatore
17.Creativity & Innovation Management in Research 11.11.2013-15.11.2013	Dr.I.Rahamathullah(MEch Prof.S.AnanthaKumar(Mech) Prof.K.Manogaran(ECE)	ESCI, Hyderabad
18.Art of teaching, Pedagogical Tools and Techniques use 18.11.2013-22.11.2013	Prof.M.Elangovan(ECE) Dr.R.Kartika Devi(Eng) Prof.A.Thangaraj(EEE) Prof.V.Arivumani(EEE) Prof.K.Mohan(EEE)	NIT, Trichy
19. STTP on Smart Structures(Mech) 25.11.2013-29.11.2013	Dr.I.Rahamathullah(Mech)	IIT, Madras
20.FDP on Power system Protection and Numerical Relays(EEE) 26.11.2013-30.11.2013	Prof.A.Thangaraj(EEE) Prof.V.Arivumani(EEE) Prof.K.Mohan(EEE) Dr.I.Thangaraju(EEE)	ESCI, Hyderabad
21.Programme on “Finance for Non- Financial officials/Managers”(ECE) 25.11.2013 to 29.11.2013	Dr.M.Chandrasekaran (ECE-HOD)	Jaipur Productivity Center,Goa
22.”Solar Energy Technology “(PHYSICS) 25.11.2013 -06.12.2013	Prof.R.Bakkiyaraj(PHYSICS)	MSME Development Institute,Chennai
23.Programme on “Strategic Planning for institutional Development” 04.12.2013 to 06.12.2013	Prof.K.Subathra (EEE-Principal) Dr.V.Thirunavukkarasu(ECE) Prof.P.Thirumal(Mech) Prof.T.Govindan(Maths) Prof.Sivarangini(CSE)	Edumatic Solutions in Orange County, Karnataka

<p>24. International Workshop on “Structural Life Assessment and failure diagnosis“(CIVIL) 06.12.2013 to 07.12.2013</p>	<p>Dr.G.Saravanan(Civil)</p>	<p>NIT ,Trichy</p>
<p>25. Programme on “Institutional Development and Quality Management” 11.12.2013 -13.12.2013</p>	<p>Prof.S.Sankar Ganesh(Mech) Prof.J.Sundaravanan(ECE) Dr.R.Kartika Devi(Eng) Prof.CMT.Karthikeyan(CSE) Prof.S.Selvi.(CSE) Prof.Sudha(EEE)</p>	<p>ISTE in Le Royale Meridian, Chennai</p>
<p>26. One Day Workshop on Embedded Memory Design for System On Chip(ECE) 14.12.2013</p>	<p>Prof.M.Elangovan(ECE) Prof.K.Manogaran(ECE)</p>	<p>PSG Tech ,Coimbatore</p>
<p>27. Programme on “Quality Enhancement Education QEEE”(CSE) 17.12.2013-18.12.2013</p>	<p>Prof.CMT.Karthikeyan(CSE) Prof.Sivarangini(CSE)</p>	<p>IIT, Chennai</p>
<p>28. Programme on “Transformational Leadership and change Management” 18.12.2013-22.12.2013</p>	<p>Dr.M.Chandrasekaran (ECE-HOD) Dr.V.Thirunavukkarasu (ECE) Prof.T.Govindan(Maths) Dr.I.Thangaraju(EEE) Prof.S.Selvi.(CSE) Prof.G.RajKumar(Mech) Prof.D.Kulandaivel(Mech) Prof.S.SankarGanesh(Mech)</p>	<p>Conducted at Udaipur, Rajasthan</p>
<p>29. Programme on “Innovative Teaching, Research Learning & Accreditation Practices” 20.12.2013-22.12.2013</p>	<p>Prof.K.Subathra (EEE-Principal) Prof.P.Thirumal(Mech) Dr.I.Rahamathullah(MEch) Prof.S.AnanthaKumar(Mech) Prof.P.Natarajan(Mech) Prof.M.Elangovan(ECE) Prof.K.Manogaran(ECE) Prof.M.ArulKumar(ECE) Prof.P.E.IrinDorathy(ECE)</p>	<p>Organized by ESCI as the constituent part of IE(I) Congress-2013) in Hotel LeelaPalace, Chennai</p>

	Prof.J.Sundaravanan(ECE) Dr.G.Suchitra(ECE) Prof.J.NafeesaBegum(CSE) Prof.CMT.Karthikeyan(CSE) Prof.Sivarangini(CSE) Prof.C.SatheeshPandian(CSE) Prof.R.Kartika Devi(Eng)	
30. ISTE WPLP on “Accreditation and Autonomy” 06.01.2014-08.01.2014	Prof.P.E.IrinDorathy(ECE) Dr.G.Suchitra(ECE) Prof.S.AnanthaKumar(Mech) Prof.A.Thangaraj(EEE) Prof.N.Jagadeeswari(CSE)	ISTE in Hotel SingaarInternational,Kanyakumari
31. Quality Improvement cell workshop25.01.2014	Dr.I.Rahamathullah(Mech) Prof.M.Kavitha(ECE)	Sona college of Technology,Salem
32. Leadership Program in University Management-Phase III 27.01.2014	Dr.M.Chandrasekaran (ECE-HOD)	IIM,Kozhikode,MHRD&NUS, Singapore
33. Research Methodology-The science of creating new knowledge 27.01.2014-29.01.2014	Prof.S.AnanthaKumar(Mech) Prof.M.Elangovan(ECE) Prof.K.Mohan(EEE)	Society of Entrepreneurship Development (SEED)
34. Management Capacity Training 29.01.2014 to 31.01.2014	Prof.K.Manogaran (ECE) Prof.V.Arivumani (EEE) Prof.S. Selvi (CSE) Prof.D.Kulandaivel (Mech)	IIT Madras
35. One day Preconference Tutorial on “International Conference on Advances in Electrical Engineering (ICAEE '14)” 08.01.2014	Prof.Sudha(EEE)	VIT University , Vellore
36. One day programme on Agilent Measurement Seminar 31.01.2014	Prof.Sudha(EEE)	organized by Agilent Technologies, Vellore
37. Effective Interpersonal Communication,CapacityBuilding and Time Management 01.02.2014 – 03.02.2014	Dr.M.Chandrasekaran (ECE-HOD) Dr.V.Thirunavukkarasu (ECE) Prof.P.Thirumal(Mech) Prof.P.Natarajan(Mech) Dr.I.Rahamathullah(MEch) Prof.CMT.Karthikeyan(CSE)	Conducted by Edumatic Solutions in Bangalore

	<p>Dr.G.Saravanan(Civil) Prof.M.Elangovan(ECE) Prof.V.Arivumani (EEE) Prof.K.Mohan(EEE)</p>	
<p>38. National Seminar on Formulation of Research & Development Initialises for women scientist and Technologists 05.02.2014-07.02.2014</p>	<p>Prof.M.Kavitha(ECE) Dr.G.Suchitra(ECE) Prof.Sudha(EEE) Prof.N.Jagadeeswari(CSE)</p>	<p>ESCI,Hyderabad</p>
<p>39. ISTE WPLP on “Effective teaching & Learning Pedagogy” 05.02.2014-07.02.2014</p>	<p>Prof.P.E.IrinDorathy(ECE)</p>	<p>ISTE in Hotel Chaitram,Thiruvananthapuram</p>
<p>40. Programme on “Computational Intelligence for big Data” 07.02.2014-08.02.2014</p>	<p>Prof.S. Selvi (CSE)</p>	<p>MIT,Chennai</p>
<p>41. Industry Readiness in Engineering Education 14.02.2014-16.02.2014</p>	<p>1.Prof.P.Thirumal(Mech) 2.Prof.D.Kulanthaivel(Mech) 3.Prof.M.Arulkumar(ECE) 4.Prof.K.Mohan(EEE)</p>	<p>Edumatic Solutions in Bangalore</p>
<p>42. ISTE WPLP on “Effective teaching & Learning Pedagogy” 19.02.2014-21.02.2014</p>	<p>Dr.I.Thangaraju(EEE) Prof.A.Thangaraj(EEE) Prof.Sutha(Maths) Prof.T.Govindan(Maths) Prof.K.Manogaran(ECE) Prof.M.ArulKumar(ECE) Dr.G.Saravanan(Civil) Prof.S.AnanthaKumar(Mech) Prof.D.Kulandaivel (Mech) Dr.I.Rahamathullah(Mech) Prof.G.RajKumar(Mech) Prof.J.NafeesaBegum(CSE) Prof.CMT.Karthikeyan(CSE) Prof.Sivarangini(CSE) Prof.C.SatheeshPandian/CSE Prof.N.Jagadeeswari(CSE) Prof.S. Selvi (CSE)</p>	<p>ISTE in Hotel Le Meridien,New Delhi</p>

43. Programme on “From Campus to corporate” 22.02.2014-23.02.2014	Prof.P.Thirumal(Mech) Prof.S.SankarGanesh(Mech) Prof.P.Natarajan(Mech) Prof.V.Arivumani (EEE) Prof.M.Elangovan(ECE)	ESCI,Hydrabad
44.NPTEL Training 25.02.2014	Dr.I.Rahamathullah(Mech) Prof.J.NafeesaBegum(CSE)	IIT, Madras
45.Two Days ICTACT Bridge conference on “Leadership and Academic Excellence” ICT ACT 2014” 27.02.2014-28.02.2014	Prof.M.Elangovan(ECE)	Chennai Trade Centre
46.Three Days Residential Workshop on “Essentials of Embedded Systems & Their Applications 05.03.2014 to 07.03.2014	Prof.A.Thangaraj(EEE) Prof.K.Manogaran(ECE) Dr.G.Suchitra(ECE) Prof.J.Sundaravanan(ECE)	GEM Park ,Ooty
47.Three days workshop on “Trends and Challenges in Engineering Education” 06.03.2014-09.03.2014	Dr.M.Chandrasekaran (ECE-HOD) Dr.V.Thirunavukkarasu (ECE) Prof.P.Thirumal(Mech) Dr.Saravanan(Civil)	Edumatic Solutions in Radisson ,Shimla
48.National Conference on “Recent advances in graph theory” 06.03.2014-07.03.2014	Prof.T.Govindan(Maths)	Periyar University ,Salem
49.Smart Grid-Technology and Applications 10.03.2014-14.03.2014	K.Mohan,AP/EEE A.Thangaraj,AP/EEE R.Sudha,AP/EEE	Central Power Research Institute(CPRI),Bangalore
50.QEEE REVIEW MEETING 13-03-2014	Prof.Sivarangini(CSE)	MHRD, India International Centre, Lodhi Road, Delhi.
51. National seminar on “Perceptions and perspectives of women’s writing in India “ 21.03.2014	Dr.R.Kartika Devi(Eng)	BharathidasanUniversity,Tiruchirapalli
52. National seminar on “American Literary Movements-A Reappraisal “ 28.03.2014	Dr.R.Kartika Devi(Eng)	Annamalai University.
53. National conference on “Trends in Technology for convergence “	Prof.S.Selvi/CSE	A V S Engineering College,Salem.

54. Robotics Workshop-e-Yantra 10.04.2014-11.04.2014	Prof.K.Manogaran(ECE) Dr.I.Rahamathullah(Mech)	IIT,Bombay
55.National level workshop on”Challenges in Development of sensor and Nano- sensors” 18.04.2014 to 19.04.2014	Prof.R.Sudha(EEE)	VIT Vellore
56.ISTE WPLP on“Research Methodology” 30.04.2014 02.05.2014	Prof.P.E.IrinDorathy(ECE) Prof.M.Elangovan(ECE) Prof.K.Manogaran(ECE) Prof.Sivarangini(CSE) Prof.N.Jagadeeswari(CSE) Dr.Saravanan(Civil) Prof.D.Kulanthaiivel,(Mech) Prof.R.Bakkiyaraj(Phy) Prof.Sutha(Maths)	ISTE in Hotel Sandesh ,The Prince,Mysore
57.Nano technology in Electrical power system and sensor Applications 02.05.2014	Prof.R.Sudha(EEE) Prof.A.Thangaraj(EEE) Prof.Bhavani(EEE) Dr.I.Thangaraju(EEE) Prof.K.Mohan,(EEE) Prof.V.Arivumani (EEE)	VIT Vellore
58. Embedded System design using Renesas RL 78 microcontroller workshop. 05.05.2014 to 09.05.2014	Dr.M.Chandrasekaran (ECE-HOD) Prof.M.Elangovan(ECE) Prof.M.Kavitha(ECE) Prof.K.Manogaran(ECE) Dr.G.Suchitra(ECE) Prof.J.Sundaravanan(ECE) Prof.P.E.IrinDorathy(ECE)	Frontline Electronics Salem
59.Train the trainer workshop on “HADOOP; A Practitioner Approach” 05.05.2014 to 07.05.2014	Prof.S.Selvi(CSE)	Sri Siddhartha Institute of Technology, Karnataka
60. Programme on IPR-Intellectual Property Rights	Dr.V.Thirunavukkarasu (ECE) Dr.I.Thangaraju(EEE) Dr.I.Rahamathullah(Mech) Prof.D.Kulanthaiivel,Mech	SEED in Munnar

	Prof.G.RajKumar(Mech)	
61.FDP on "Photovoltaic technique" 26.05.2014 to 29.05.2014	Prof.Bhavani(EEE) Prof.A.Thangaraj(EEE)	Annauniversity,Chennai
62.Teaching Learning in Higher Technical Education 28.05.2014 to 29.05.2014	Prof.CMT.Karthikeyan(CSE) I.Rahamathullah(Mech)	IIT ,Madras
63.Governance in Technical Education 07.06.2014 to 09.06.2014	Dr.M.Chandrasekaran (ECE-HOD) Dr.V.Thirunavukkarasu (ECE) Dr.Saravanan(Civil) Prof.T.Govindan(Maths)	KulluManali
64.Training of Evaluators and Resource Person" Phase :I (07.06.2014) Phase:II(14.06.2014 to 16.06.2014)	Dr.I.Rahamathullah(Mech) Prof.P.E.IrinDorathy(ECE) Prof.A.Thangaraj(EEE) Prof.N.Jagadeeswari(CSE) Prof.P.Natarajan(Mech)	National EnggCollege,Kovilpatti
65. International Conference on Industrial Electrical and Electronics Engineering 12.06.2014 to 14.06.2014	Prof.R.Sudha(EEE)	IRAJ Research at Darjeeling
66.Short term programme on " Modeling and Simulation on FEM" 23.06.2014 to 27.06.2014	Dr.I.Rahamathullah(Mech) Prof.S.AnanthaKumar(Mech)	IIT Mandi, Himachal Pradesh
67. e-Yantra Lab Set up Initiatives(e-LSI) Introduction to Robotics 23.06.2014 to 24.06.2014	Prof.CMT.Karthikeyan(CSE) Prof.J.Sundaravanan(ECE) Prof.D.Kulandaivel (Mech) Prof.V.Arivumani (EEE)	Conducted in Sona Engineering College , Salem by IIT Bombay
68. Short term course on "Microcontroller and embedded systems including PIC" 30.06.2014 to 05.07.2014	Dr.I.Thangaraju(EEE) Prof.K.Mohan(EEE)	IIT Kharagpur

Staff Development Programmes

Staff Development Programmes Organised Inside the Institution

Various Staff Development Programmes have been conducted inside the institution for the benefit of non-teaching staff. Non-teaching staff from our college and from outside have participated and enhanced their knowledge, skills and personality.



TEQIP-II Sponsored Two Days Staff Development Programme on "Computer Hardware Maintenance" from 13th July to 14th June, 2013

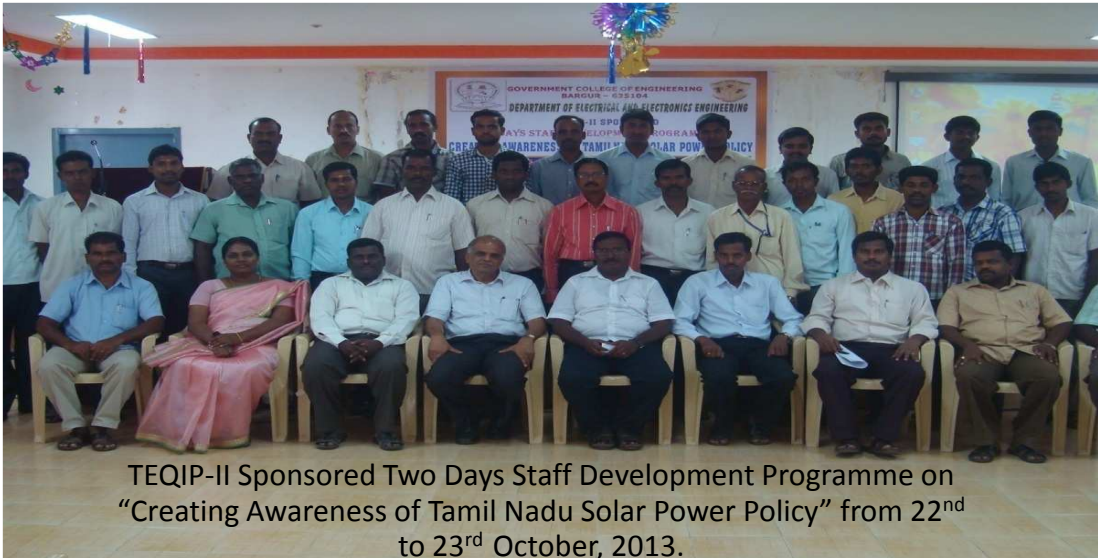
TEQIP-II Sponsored Two Days Staff Development Programme on "Calibration of Electrical Equipments" from 31st July to 1st August, 2013.



Staff Development Programmes Organised Inside The Institution



TEQIP-II Sponsored Two Days Staff Development Programme on "PC Hardware Maintenance & Troubleshooting" from 5th July to 6th August, 2013.



TEQIP-II Sponsored Two Days Staff Development Programme on "Creating Awareness of Tamil Nadu Solar Power Policy" from 22nd to 23rd October, 2013.

DO IT NOW.

**SOMETIMES
'LATER'
BECOMES
'NEVER'**

Staff Development Programmes Organised Inside the Institution



TEQIP-II Sponsored Two Days Staff Development Programme on "Lab Equipment Maintenance & Services" from 5th to 6th November, 2013.

TEQIP-II Sponsored Two Days Staff Development Programme on "PCB Design for Electronic Circuits" from 12th to 13th December, 2013.



TEQIP-II Sponsored Two Days Staff Development Programme on "Testing of Internal Combustion Engine" from 24th to 25th July, 2013.

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Staff Development Programmes Organised Inside the Institution

TEQIP-II Sponsored Two Days Staff Development Programme on "Safety Engineering & Equipment Maintenance" from 27th to 28th June 2013.



STAFF DEVELOPMENT PROGRAMS ATTENDED OUTSIDE OF THE INSTITUTION

The non-teaching staff and office administrative staff from our institution have taken part in many of the staff development programmes conducted outside the institution which is listed below.

- ❖ 14.11.2013 to 16.11.2013: Personality Development Programme, Goa,
- ❖ 26.11.2013 to 29.11.2013: Capacity Building Training Programme, Bangalore
- ❖ 30.01.2014 to 31.01.2014: Personality Development & Capacity Building Conducted by ISTE in Cochin

STUDENTS TRAINING PROGRAMMES

Through TEQIP-II, many student training programmes have been conducted for the benefit of students to enhance their subject knowledge, practical knowledge. Many programmes have been conducted to improve the skills needed for company placements which include aptitude based trainings, communication skills and personality development programmes



Students Training Programmes



TEQIP-II Sponsored Two Days students training Programme on "PC Hardware Maintenance and Troubleshooting" from 29th August to 31st August 2013.



TEQIP-II Sponsored three Days students training Programme on "Advanced Java Programming" from 29th to 31st August 2013.



TEQIP-II Sponsored Three Days students training Programme on "Android Application Development" from 29.08.13 to 31.08.13.

Students Training Programmes

AICTE sponsored one day Semsterinar on "Role of Parallel Computing in Future" on 20.09.13



TEQIP-II Sponsored Two Days students training Programme on "Effective communication Skills" from 8th to 9th October, 2013.

Students Training Programmes



TEQIP-II Sponsored
Five Days students
training Programme on
"Developing Embedded
Applications" from 12th
to 17th December, 2013-



TEQIP-II Sponsored
Four Days students
training Programme
on "Remote
Infrastructure
Management
Services" from 14th
to 18th December,
2013.

NNSC – National Level
Security Championship
in association with IIT
Delhi from 19.12.2013
to 20.12.2013



Students Training Programmes



TEQIP-II Sponsored three Days students training Programme on "C programming" from 19th to 21st December, 2013.

TEQIP-II Sponsored Three Days students training Programme on "C++ and Dot net Framework" from 22nd December to 24th December, 2013.



Pre Final Year CSE Students Receiving their Certificates for the successful completion of **Campus Connect Programme** Conducted by Infosys from Jun'2013 to Dec'2013

Students Training Programmes



TEQIP-II Sponsored Two Days students training Programme on "Cyber Disease-Ethical Hacking and Cyber Security" from 30th December to 1st December, 2013.

TEQIP-II Sponsored two Days students training Programme on "Computer forensic techniques and tools" from 8th to 9th January, 2014.



TEQIP-II Sponsored Five Days students training Programme on "Aptitude and communication skills" from 20th to 26th January, 2014.



Students Training Programmes



TEQIP-II
Sponsored four
Days students
training
Programme on
“Advanced Data
structures and
Analysis of
Programming”
from 22nd to 25th
January, 2014.

TEQIP-II Sponsored
seven Days students
training Programme
on “Implementing
Information Security
in an Organization”
from 27th January to
2nd February, 2014.



TEQIP-II Sponsored Two Days students
training Programme on “Communication
Skills” from 8th To 9th February, 2014

Students Training Programmes

TEQIP-II Sponsored
Three Days students
training Programme
on "Project Design &
Development" from
18th to 21st February,
2014.



TEQIP-II Sponsored
one Day students
training Programme
on "Innovations in
engineering
Education" 3rd April
& 4th April, 2014.

TEQIP II sponsored
National Level
Conference on
"Advanced Computing
and Communication "
from 24th to 25th
October 2014



Student Development Program



TEQIP-II Sponsored One day student training Programme on "Career Development & Opportunity in public Sector" on 4th August 2013.

TEQIP-II Sponsored Two days students training Programme on "PLC hydraulic and Pneumatic Circuits & Automation" from 17th to 18th August 2013.



TEQIP-II Sponsored three days students training Programme on "Fabrication and Testing of Electronic Circuits" from 19th to 21st August, 2013.



Students Development Programs

TEQIP-II Sponsored three days students training Programme on "Study of solid state switches and power electronic converters design" from 13th to 15th September 2013.



Prof P.Thirumal, AP/MECH is presenting a memento to Mr.R.Giridharan, General Manager/TVS on 15th September 2013



TEQIP-II Sponsored two days students training Programme on "Soft skills development" from 14th to 15th September 2013.

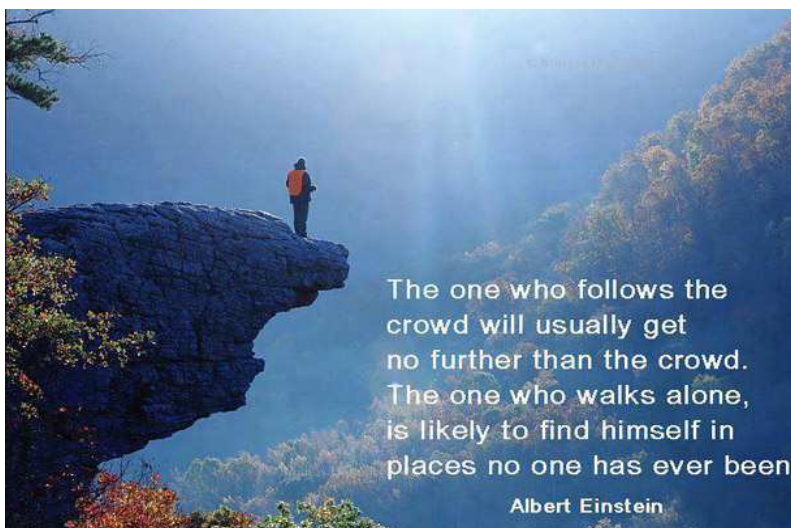


Students Development Programs



TEQIP-II Sponsored two days students training Programme on “Programmable logic controller with Hydraulic and Pneumatic Applications” from 21st to 22nd September 2013.

TEQIP-II Sponsored three days students training Programme on “Embedded Controllers for Electrical Systems” from 18th to 20th October 2013.



The one who follows the crowd will usually get no further than the crowd. The one who walks alone, is likely to find himself in places no one has ever been

Albert Einstein

Students Development Programs

TEQIP-II Sponsored Three days students training Programme on “Workshop on RC Aircraft” from 12th to 14th December 2013.



TEQIP-II Sponsored six days students training Programme on “NAFEMS - Employability Enhancement Training programme on CAD/CAM & CAE” from 23rd to 28th December 2013.

Students Development Programs

TEQIP-II Sponsored three days students training Programme on “Robotics Training” from 24th to 26th January 2014.



TEQIP-II Sponsored two days students training Programme on “Hands on Training on Agilent Digital Measuring Equipments” from 10th to 11th February 2014.

Students Development Programs



TEQIP-II Sponsored two days students training Programme on “Geometric Dimensioning and Tolerancing” from 19th to 20th February 2014.



TEQIP-II Sponsored three days students training Programme on “Campus Placement Cracker- Phase I” from 21st to 23rd February 2014.

TEQIP-II Sponsored two days students training Programme on “Computer Hardware Interfacing” from 23rd to 24th February 2014



Students Development Programs



TEQIP-II Sponsored three days students training Programme on "Campus Placement Cracker-Phase II" from 28th February to 2nd March 2014.

TEQIP-II Sponsored three days students training Programme on "Design and simulation of Electrical and Electronic circuits using Pspice, Electrical power suite and MATLAB" from 7th to 9th March 2014.



TEQIP-II Sponsored three Days students training Programme on "Challenge the world with Confidence" from 24th to 26th march 2014.

Students Development Programs

TEQIP-II Sponsored three Days students training Programme on “Igniting the spirit of Innovation and Entrepreneurship in Engineering Students” from 24th to 26th March 2014.



TEQIP-II Sponsored one Day students training Programme on “PCB Design-Hands on Training” on 25th march 2014.

the
struggle
you're in
today
is developing the
strength
you need for
tomorrow

Students Development Programs

TEQIP-II Sponsored one Day students training Programme on "Embedded Systems" on 25th march 2014.



TEQIP-II Sponsored one day students training Programme on "Innovations in engineering education" on 4th April 2014.

Students Development Programs

TEQIP-II Sponsored two days students training Programme on "Advanced Unconventional Machining process" from 20.09.2013 to 21.09.2013



TEQIP-II Sponsored two days students training Programme on "TQM tools quality systems & ISO 9000/14000" from 21.03.2014 to 22.03.2014

Academic Support Programmes

Weak students were identified and the subjects that the students feel difficult both in the current semester and the arrear subjects were identified and remedial classes were arranged through TEQIP-II as part of Academic Support Programmes for the benefit of students. This arrangement is done to improve the academic results and the list of such programmes is listed.

Number of Activities Conducted					
	Dept	Name of the Activity /Subject	Year	Total No of Beneficiaries	
Remedial tutorials and bridge courses conducted	MECH	1. Engineering Mechanics	Arrear	12 (pass:2)	
		2. Thermodynamics	Arrear	5 (pass:4)	
		3. Design of machine elements	Arrear	18 (pass:17)	
		4. Strength of materials	Arrear	3 (pass:3)	
		5. Fluid mechanics	Arrear	6 (pass:5)	
		6. Thermal Engineering		5 (pass:5)	
			7. Engineering material and metallurgy	II	11 (pass:11)
			8. Design of transmission system	III	11 (pass:7)
			9. Gas dynamics and jet propulsion	III	11 (pass:11)
			10. Design of manufacturing and assembly	IV	9 (pass:9)
			11. Fundamentals of programming	I	56 (pass:54)

EEE	12.Electronic Devices & Circuits	II	69 (pass:64)
	13.Electromagnetic theory	II	69 (pass:64)
	14.Control system	II	70(pass:66)
	15.Digital logic circuits	II	70(pass:67)
	16.Electrical machines-I	II	70(pass:70)
	17.Digital Signal Processing	III	60 (pass:57)
	18.Object Oriented Programming	III	60 (pass:51)
	19. Transmission & Distribution	III	60(pass:57)
	20.Microprocessor and Microcontroller	III	60(pass:58)
	21.Design of electrical machines	III	60(pass:59)
CSE	22.Digital principles and System Design	II	65 (pass:57)
	23.Theory of computation	III	64 (pass:62)
	24.Programming Paradigm	III	64 (pass:59)
	25.Discrete mathematics	III	64 (pass:60)
	26.Artificial Intelligence	IV	65 (pass:60)
ECE	27.Electric Circuits I	II	61 (pass:57)
	28.Control system	II	61(pass:59)
	29.Digital Signal Processing	III	57 (pass:45)

Quality Enhancement in Engineering Education (QEEE) Programme

Our college is participating in Quality Enhancement in Engineering Education (QEEE) conducted by IIT, Chennai. In this programme, the faculty of IIT (Madras, Delhi, Bombay and Kanpur) delivered live lectures from their location

Stream	Year / Semester	Name of the Subject	Number of students Benefited
ECE	II Year /IV Semester	Electromagnetic Fields	61
ECE	II Year /IV Semester	Probability and Random Process	61
ECE	IV Year /VIII Semester	Wireless Communication	70
CSE	II Year /IV Semester	Operating System	64
CSE	II Year /IV Semester	Computer Organization and Architecture	64
MECH	II Year /IV Semester	Heat and Mass Transfer	70

ANNA EDUSAT

Edusat programmes are transmitted through KU-band by Anna University, Chennai. The live interactive lecture classes on various subjects are conducted by senior and experienced faculty members from Anna University, Chennai and other reputed institutions. The list of subjects taught as part of the Edusat is given in the table.

Stream	Year / Semester	Name of the Subject	Number of Students Benefited
ECE	II Year /IV Semester	Electromagnetic Fields	61
ECE	II Year /IV Semester	Probability and Random Process	61
ECE	III Year /VI Semester	VLSI Design	59
EEE	II Year /IV Semester	Control Systems	70
EEE	II Year /IV Semester	Probability and Random Process	70
EEE	III Year /VI Semester	Solid State Drives	61
CSE	II Year /IV Semester	Data Base Management Systems	64
CSE	II Year /IV Semester	Probability and Random Process	64
CSE	III Year /VI Semester	Principles of Compiler Design	64
MECH	II Year /IV Semester	Heat and Mass Transfer	70
MECH	II Year /IV Semester	Probability and Queuing Theory	70
MECH	III Year /VI Semester	Finite Element Analysis	65

Internal Revenue Generation

Revenue generated internally in different departments through various sources are listed below

1. Fuel Testing-Rs.50950
2. Material Testing (Strength of Material Lab)-Rs4850
3. Faculty Development Programme and Staff Development Programme-Rs 155500

Students Achievements

S.no	Name of the student	Year/Department	Events and place obtained	Name of the institution participated in
1.	S.Hemalatha	II/ECE	Shuttle (third place)	Jeyam college of engineering – Dharmapuri
2.	G.Srileka A.Yuvasri	III/ECE	Paper presentation (third place)	GCE-Salem
3.	K.Yuvaraj H.Ubaidur Rahaman	III/ECE	Technical quiz (second place)	Podhigai engineering college – Thirupathur
4.	H.Ubaidur Rahaman	III/ECE	Circuit debugging (first place)	Podhigai engineering college – Thirupathur
5.	J.Ganajothi	III/EEE	Wettruder (second place) Linear Bot (first place) Water Soccer (second place)	Karunya university – Coimbatore
6.	A.N.Krishnamoorthy R.Thangadurai	III/EEE	Circuit debugging (first place)	University college of engineering – Arni
7.	J.Ganajothi	III/EEE	Robo rall (second place)	Karunya university – Coimbatore

8.	K.Raja Prabhu Satheesh Muthukumar	III/MECH	Wealth from waste (first plce)	Sona college of technology – salem
9.	K.V.Shanmugam A.Kaviarasan	III/MECH	Paper presentation (second place)	Sai Ram engineering college –chennai
10.	M.Mohammed Yasararafath K.Murugan C.Musnusamy	III/MECH	KHO-KHO	Annaporana engineering college –salem
11.	K.Muruganantham	II/MECH	KHO-KHO	Annaporana engineering college –salem
12.	R.Vijayakumar	III/MECH	Cricket (selection match)	Erode district Zonal level match
13.	M.Prabhudeva	III/MECH	KHO-KHO Zonal-7 (third place)	Anapoarana engineering college –salem

Result Analysis

The result analysis for the examinations held for the students during the period June 2013 to May 2014 is given below

Branch	2010-14 BATCH	2011-15 BATCH	2012-16 BATCH
	January 2014-May 2014(6 th Semester)	January 2014-May 2014(4 th Semester)	January 2014-May 2014(2 nd Semester)
EEE	84.37%	84%	63.79%
ECE	91.42%	60.31%	92.2%
CSE	95.3%	75%	79.24%
MECH	60.65%	68.18%	64.91%

PLACEMENT DETAILS

The details of the students of 2010-2014 batch placed through on Campus drive placements is listed below

Department of ECE

Sl No	Student Name	National/ International	Annual Salary	Name of the Company with Address
1	BALAMURUGAN.N	International	300000	Infosys
2	S.LAXMISURENDRA	National	200000	Madras Networking Company Vellacheri,Chennai
3	S.FRANKLINJENO	National	200000	Madras Networking Company Vellacheri,Chennai
4	KAVITHA.P	National	200000	PantechProlabs Pvt Ltd,Chennai
5	JAYASHREE.R	National	200000	PantechProlabs Pvt Ltd,Chennai
6	FAHAD.N	National	200000	PantechProlabs Pvt Ltd,Chennai
7	VIJAYARAJ.R	National	200000	PantechProlabs Pvt Ltd,Chennai

Department of CSE

Sl No	Student Name	National/ International	Annual Salary	Name of the Company with Address
1	PRAKASH MARIA LIJU.P	National	300000	HP, Chennai

2	GOMATHI.J	National	225000	Adaptavant Technologies Pvt. Ltd, Chennai
3	DEEPIKA.S	National	156000	Everest Software Solutions, Coimbatore
4	KAVITHA.R	National	144000	CMC Pvt. Ltd, Chennai
5	ARUN.S	National	156000	Everest Software Solutions, Coimbatore
6	BHAKIYALAKSHMI.B	National	150000	Calydon Tech Solutions PVT LTD
7	VINO .B	National	150000	Infoys Ltd., Chennai
8	MANIKANDAN. P	National	216000	HCL
9	HARIHARAN. J	National	144000	Kanrad Technologies Pvt Ltd
10	VINOTHKUMAR .A	National	216000	Sify Technologies Ltd
11	KATIRVEL	National	216000	Sify Technologies Ltd

Department of EEE

Sl No	Student Name	National/ International	Annual Salary	Name of the Company with Address
1	ESWARI.S	National	300000	PantechProlabs Pvt Ltd,Chennai
2	PRIYANKA.R	National	300000	NTT data
3	SWETHA.R	National	300000	CTS
4	SHARMI.M	National	200000	PantechProlabs Pvt Ltd,Chennai
5	PRIYANKA.R	National	200000	PantechProlabs Pvt Ltd,Chennai
6	GAJALAKSHMI.R	National	200000	PantechProlabs Pvt Ltd,Chennai
7	NAVEENKUMAR.R	National	200000	PantechProlabs Pvt Ltd,Chennai

8	MOHAMMED RAFIQ MEERAN.D	National	200000	PantechProlabs Pvt Ltd,Chennai
9	JAYAKUMAR.R	National	200000	PantechProlabs Pvt Ltd,Chennai
10	PRASANTH.P	National	200000	PantechProlabs Pvt Ltd,Chennai
11	RAMESH.R	National	200000	PantechProlabs Pvt Ltd,Chennai
12	KALIMUTHU.S	National	200000	PantechProlabs Pvt Ltd,Chennai

Faculty Achievements

PUBLICATIONS

Title of Paper	Authors
“A Survey on OFDM systems based on wavelets”, International Journal of Scientific & Engineering Research, Volume 5, Issue 2, pp 1055 – 1058 February 2014	Dr.M.Chandrasekaran HOD/ECE
“An Advanced Cluster ---Based Routing Protocol for Wireless Sensor Networks with Nonuniform Node Distribution”, IJREAT International Journal of Research in Engineering & Advanced Technology, Volume 1, Issue 5, Oct-Nov, 2013, ISSN: 2320 – 8791.	Dr.M.Chandrasekaran HOD/ECE
“Compensation of Power Quality Issues in Grid Connected Solar Energy System using STATCOM – A Review”, published in International Journal of Energy Engineering, Vol. 2, No. 2, 2014, pp 94-98	Dr.M.Chandrasekaran HOD/ECE
“A Case Study on the Power Quality Issues in the Hospitality Sector”, International Conference on Power Systems Transients (IPST2013) in Vancouver, Canada July 18-20, 2013	Dr.M.Chandrasekaran HOD/ECE
Analysis of forces and hole quality in micro drilling of carbon fabric laminate composites, journal of composite materials 47(9),1129-1140	Prof.I.Rahamatullah /MECH
Voice Recognized Activating the Control of Working Environment Automation System using Smart phone, Proceedings of 1st National Conference on Emerging Trends in Advanced Computing and Communication, pp.36, 2013	Prof. S. Selvi/CSE
Data Mining Techniques using Rough Set Theory - A Survey, International Conference on Trends in Technology for Convergence, AVS Engineering College, Salem, 2014	Prof. S. Selvi/CSE
Optimization of IAQ characteristics of an air-conditioned car using GRA and RSM, JMSTMay 2014, Volume 28, Issue 5, pp 1899-1907	Prof. P. Thirumal /MECH
Experimental and Statistical Analysis of Indoor Air Quality Characteristics in an Air conditioned Car, NEPT Volume 13, Issue No. 1, Mar 2014 , Page No 11-18	Prof. P. Thirumal /MECH

Funded Projects

S.No	Funding Agency	Period	Funds Received (Rs.)	Programme Name	Branch
1	AICTE	Sept 2013	1,00,000	Seminar Grant	CSE
2	Anna University	Jan 2014	85,000/-	Faculty Development Programme	CSE
3	M/s Rajanikant Foundation, Coimbatore	Feb 2014	10,000/-	Power Quality Analysis(Harmonic Study)	EEE
4	Department of Tamil Nadu State Council for Science and Technology	April 2014	20,000/-	For conducting stress Management programme for school teachers	CSE
5	Government of India, Ministry of Defence, Directorate of Aeronautics/DRDO, Aeronautics R&D Board	May 2014	13,23,000/-	For the Project"Application of Simultaneous Localization and Mapping(SLAM)Techniques for 3D construction through MAV Platforms"	CSE & MECH

Ph.D Registered, Pursuing and Awarded

The list of faculty members who have completed their Ph.D. pursuing their Ph.D. and registered their Ph.D. during the academic year 2013-14 is given below. The research area is also indicated.

Ph.D Awarded			
S.NO	Name of the Faculty	Department	Field
1.	Dr.V.Thirunavukkarasu, Associate Professor	ECE	Zigbee Wireless Sensor Networks
2.	Dr.G.Saravanan, Assistant Professor	CIVIL	Strength and durability studies on fly ash based geopolymer concrete
3.	Dr.A.Thangaraj, Assistant Professor	EEE	Some investigation on double side control of wound rotor induction motor using intelligent controllers

4.	Dr.I. Rahamathullah, Assistant Professor	MECH	Investigations into Cutting Forces and Hole Quality in Micro-drillings
5.	Dr.G.Suchitra, Assistant Professor	ECE	Cognitive Radio System
6.	G.Saraswathy, Assistant Professor	CHEMISTRY	Environmental Chemistry

Ph.D Pursuing

1.	P.Thirumal, Assistant Professor	MECH	Indoor Air Quality of Cars
2.	Nafeesa Begum, Assistant Professor	CSE	Information security
3.	M.Elangovan, Assistant Professor	ECE	Semiconductor Memory Design VLSI
4.	M.Kavitha, Assistant Professor	ECE	Low Power VLSI
5.	S.AnanthaKuamr, Assistant Professor	MECH	Alternate Fuel
6.	K.Mohan, Assistant Professor	EEE	Solar photo voltaic cells
7.	T.Govindan, Assistant Professor	MATHS	Graph Theory
8.	R.Bakkiyaraj, Assistant Professor	PHYSICS	Nano-materials

Ph.D Newly Registered

1.	J.Sundaravanan, Assistant Professor	ECE	Wireless sensor networks
2.	P.E. IrinDorathy, Assistant Professor	ECE	Communication and networking

3.	M.Arul Kumar, Assistant Professor	ECE	VLSI
4.	V.Arivumani, Assistant Professor	EEE	Fault Analysis in Smart Grid
5.	S.Selvi, Assistant Professor	CSE	Data Mining
6.	B.Sivaranjani, Assistant Professor	CSE	Cloud computing
7.	G.Rajkumar, Assistant Professor	MECH	Optimization of machining parameters

MoUs Signed

Memorandum of Understanding have been signed with various industries thereby the students and faculty members would be benefitted through industry institute interactions to get a feel of the current scenario in the industries.

- ✚ Frontline Electronics
- ✚ Tata Technologies
- ✚ Texas Instruments
- ✚ Focus Academy Career Enhancement
- ✚ Green Power solution Pvt.Ltd
- ✚ Infosys Campus Connect
- ✚ Confederation of Industries
- ✚ WIPRO Solutions
- ✚ Classle
- ✚ TITAN Industries Ltd
- ✚ ICT Academy



Facilities Enhanced

New Hostel Building

A new girl's hostel building is being constructed in the college campus for which a sum of Rupees 3.2 Crores has been sanctioned.



Campus Wide Networking With WI-FI

Campus wide structured cabled three tiers 1GIGABIT Local Area Network (LAN) with 652 nodes and 34 Wi-Fi points is established at Government College of Engineering, Bargur for campus connectivity. The entire campus is connected via optical fibers and internet connectivity is provided by means of 15Mbps Internet Leased line. The entire campus is provided with wired and Wi-Fi enabled internet service in all the four departments, admin block, library and hostels.



Performance Audit-II

Second Performance audit was done from 13.03.2014 to 15.03.2014 by Prof.RAVANDE KISHORE for assessing the TEQIP-II Performance at Government College of Engineering, Bargur. During this, the performance auditor interacted with BoG members, all HODs, faculty members, non-teaching staff, administrative staff and visited all the department laboratories and library. Students meet was also arranged.



SCHOOL/DIPLOMA STUDENTS TRAINING

1. Summer Training Course (Self Supporting) for Polytechnic Students on "Electronic Circuits Demonstration" from 06.05.2014 to 11.05.2014 Organized by EEE Department.



I. Summer Training Course (Self Supporting) for Polytechnic Students on "Electronic Circuits Demonstration" from 06.05.2014 to 11.05.2014 Organized by EEE Department

2. Summer Training Course (Self Supporting) for school Students on "MS Office and Basic C Programming" from 05.05.2014 to 09.05.2014 Organized by CSE Department



NSS/YRC/RRC

Various NSS activities have been undertaken during the academic year 2013-14 and the details of the activities are given below.



Sadbhavan Diwas –
Programme with
students taking
Pledge on 20.8.2013

**COMPUTER TRAINING GIVEN TO GOVT. BOYS HIGHER SECONDARY SCHOOL, BARGUR
ON 28-12-2013 & 30-12-2013**



Blood Donation Camp on 18.3.2014



- ✚ Laptop Training for students of Govt. Boys Higher Secondary School from 28.9.2013 to 29.9.2013
- ✚ Gandhi Jayanthi Celebrations on 02.10.2013
- ✚ NSS Students Orientation Training on 04-11-2013 & 13-2-2014
- ✚ Computer Training given to Govt. Boys Higher Secondary School, Bargur on 28-12-2013 & 30-12-2013.

Campus Cleaning



Budget

The amount of Rs 3.11 crores has been sanctioned for State Budget of 2013-2014.

Accreditation

GCE Bargur has registered for Accreditation of three courses. Online submission of e-SAR is done and waiting for team visit.

Dept. of EEE



Vision:

To be a centre of new ideas&Innovations by providing quality education in the field of Electrical & Electronics Engineering.

Mission:

To provide an environment in which new ideas, research thrive & from which the leaders&Innovators of tomorrow emerge.

Dept. of ECE



Vision:

We envision our students to be excellent engineers not only in the field of science. also embed the greatest values of life.

Mission:

To achieve the vision we should hard working faculty who use effective teaching methodologies.

Dept. of CSE



Vision:

To endow with exceptional computer science education by building well built training and research environment.

Mission:

The Department Provides brilliance in teaching, research, mutual activities and constructive assistance to the public.

Dept. of MECH



Vision:

The mechanical engineering department strives to be recognised for education & research leading to qualified engineers.

Mission:

Imparting quality education to students enhancing their skills to make them competitive mechanical engineers.