

# **TEQIP – II**

## **13<sup>th</sup> BOG MEETING**



**Govt. College of Engineering,  
Bargur**

**Date: 02.09.2015**

**GOVERNMENT COLLEGE OF ENGINEERING, BARGUR - 635104,  
KRISHNAGIRI.**

**MINUTES OF THIRTEENTH BOG MEETING**

The **13<sup>th</sup> BOG Meeting** was held on **02-09-2015** at GCE, Bargur.

Following members attended the meeting:

- |   |   |  |
|---|---|--|
| 1 | Mr. K. Murugan,<br>Chief Operating Officer,<br>NHK.F. Krishna India Automotive<br>Seating Pvt. Ltd, Plot No: 44, SIPCOT<br>Industrial Part, Oragadam<br>Sriperumpudhur Tk, Kanchipuram DT<br>Mobile: 7598221823 | Chairman-BOG,  |
| 2 | Dr.K.Sundaramoorthy,<br>Additional Director (Exams),<br>Directorate of Technical Education,<br>Chennai-600 025.   | Representative of DOTE<br>BOG Member<br><i>(Expressed his inability to attend<br/>the meeting)</i> |
| 3 | Mr. P. Thanikachalam,<br>Managing Partner of Ideal<br>Foundations& NHAi Consultant,<br>A10, Jayanagar, TNHB Colony,<br>Kannagkurich Main Road,<br>Salem- 636 008.<br>Mobile: 9486358872                         | Representative from Industry -<br>BOG Member   |
| 4 | Dr. S. Marshal Anthoni,<br>Associate Professor,<br>Department of Mathematics,<br>Anna University Regional Centre,<br>Coimbatore- 641 047<br>Mobile: 9894207162.   | Nominee of University - BOG<br>Member  |
| 5 | Dr. P. K. Jayadev,<br>Principal (Retd),<br>Govt. College of Engineering,<br>Salem-636 011<br>Mobile: 9443056469   | Eminent Educationalist - BOG<br>Member   |
| 6 | Mr.K. Arumugam,<br>FA & CAO ,<br>Directorate of Technical Education,<br>Chennai-600 025,<br>Mobile: 9444498508  | Nominee from finance wing of<br>DOTE -BOG Member   |

- |   |   |  |
|---|---|--|
| 7 | Prof. K. Subathra,<br>Principal (i/c),<br>Govt College of Engineering,<br>Bargur, Krishnagiri-635 104.                  | Principal(i/c) & BOG Member  |
| 8 | Dr. V. Thirunavukkarasu,<br>Asso. Prof / ECE,<br>Govt College of Engineering,<br>Bargur, Krishnagiri-635 104.           | TEQIP Nodal Officer - BOG Member   |
| 9 | Prof.P.Thirumal,<br>Asst. Professor (Sr.Gr)/Mechanical,<br>Govt College of Engineering,<br>Bargur, Krishnagiri-635 104. | Academic Nodal Officer /TEQIP<br>(Representative from Senior<br>teaching Staff) - BOG Member |

The Principal (i/c) welcomed all the members of BOG for the meeting. The following resolutions were approved by the committee after discussion.

### **Action Taken Report:**

#### **Trainings conducted/attended:**

- FDP up to July 2015 – 54 in all departments conducted inside institution
- FDP up to July 2015 – 144 in all departments (attended outside institution)
- SDP up to July 2015 – 14 in all departments conducted inside institution
- SDP up to July 2015 – 9 in all departments (attended outside institution)
- Student Training Programme up to July 2015 - 147 in all departments
- Internal revenue Generated upto August 2015
  - ❖ Mechanical –Rs. 180450
  - ❖ Chemistry – Rs. 41900
  - ❖ EEE – Rs. 24,800
  - ❖ CSE – Rs. 16,550/-
- Faculty got special prize in e-Yantra Faculty Robotic design competition held at IIT, Bombay

#### **• Placement 2014-15**

Academic Year	Number of Placements	Avg. Salary Package
2014-15	76	3 Lakhs per annum

- **College Annual Report for the period June 2014 to May 2015 is placed before BoG for information**

**Agenda: 13.1**

Resolved to approve the 12<sup>th</sup> **BOG** meeting agenda and Minutes.

*Approved*

**Agenda: 13.2 Accreditation**

Accreditation was completed for EEE, ECE and CSE Branches. **Two Year Accreditation was given. Refer Annexure 1. Mechanical Engineering Branch has to submit their e-SAR.**

*Ratified*

**Agenda: 13.3 Academic Support given for this Semester - Jan 2015 to May 2015**

Department	Name of the Subject	Year	Pass Percentage Passed/Appeared
EEE	1.Discrete time system and signal processing	II/4	43/55=78.1%
EEE	2. Electrical machines: I	II/4	48/56=85.7%
EEE	3. Object Oriented Programming	II/4	45/56=80%
EEE	4.Design of Electrical Machines	III/6	69/72=95.8%
EEE	5.Power System Analysis	III/6	71/72=98.6%
EEE	6.Circuit Theory	I/2	49/51=96%
CSE	7.Computer Networks	II/4	58/59=98.3%
CSE	8.Programming and Data Structures	I/2	52/54=96.2%
CSE	9.Advanced Computer Architecture	III/6	69/70=98.5%
CSE	10.Networks Lab	II/4	59/59=100%

### 1<sup>st</sup> Year Transition Rate got improved due to Academic support

Academic Year	Transition Rate(%)
2011-2012	64.45%
2012-2013	73.21%
2013-2014	81.99%
2014-2015	85.85%

***Ratified***

#### **Agenda: 13.4 Block Grant status Granted from Apr 2015:**

Block grant status is granted to GCE Bargur from Apr 2015 vide G.O (Ms)No:88 Dt: 29-04-2015 and an amount of Rs 10,06,50,000 (Ten crores six lakhs fifty thousand ) is sanctioned .First installment of Rs 2,51,00,000/= is released.

Budget allotment for each branch is given below:

#### **ECE:**

S.No	Head of A/C	List of items required	Amount in Rs	Total requirement
1 .	19 M&E 01 Purchase	50MHz DSO – 6 Nos	2,00,000	11,30,000
		30MHz DSO – 7 Nos	2,00,000	
		TMS 320C5416 based DSP Trainer Kits	2,00,000	
		TMS 320C6713 based DSP Trainer Kits	2,00,000	
		Headphone with mic for the desktop systems (5 Nos.)	30,000	
		PA System for seminar hall and Class rooms	3,00,000	

2	76 Computer & Accessories 01	Cadence Software	10,00,000	<b>37,00,000</b>
		NetSim software	5,00,000	
		XiLinx Software	10,00,000	
		AntiVirus Software	2,00,000	
		Desktop Computer With i3	2,00,000	
		Desktop Computer With i5	2,00,000	
		Desktop Computer With AMD A6	2,00,000	
		Desktop Computer With AMD A10	2,00,000	
		Wi Fi enabled Printer	2,00,000	
3	19 M&E 03 Maintenance	Maintenance of Microwave Equipment etc	3,00,000	3,00,000
4	47 S& E	CRO Cables, LAN Module etc Consumables	4,00,000	4,00,000
<b>TOTAL</b>				<b>55,30,000</b>

## MECH:

S.No	Head of A/C	List of items required	Amount in Rs	Total requirement
1	19 M&E 01 Purchase	CRDI Injector	1,00,000	<b>44,30,000</b>
		Engine Combustion Analysis	4,60,000	
		Combustion Pressure Sensor	3,00,000	
		IC Engine Performance Test	5,70,000	
		Solar Thermal Analysis	1,90,000	
		Fluidize Bed Dryer	1,65,000	
		3D Printer	2,00,000	
		Vibration setup	2,00,000	
		5 axis Robo	5,00,000	
		Steam turbine setup	9,00,000	
		Bio Diesel plant	2,00,000	
		CNC Dynamometers	5,00,000	
		CCTV Camera	1,45,500	
2	76 Computer & Accessories 01	Computers -20 Nos	10,00,000	<b>37,00,000</b>
		Solidworks Software	5,00,000	
		Upgrading computers	2,00,000	
		CADM Software	10,00,000	
		ANYSYS Software	10,00,000	

3	19 M&E 03 Maintenance	FM Lab maintenance	50,000	2,70,000
		MT Lab maintenance	50,000	
		AC maintenance	50,000	
		SM Lab Maintenance	50,000	
		Neon Board Maintenance	50,000	
		Solar Panel Maintenance	20,000	
4	47 S& E	Workshop consumables	2,00,000	3,00,000
		MT Lab Tools	1,00,000	
TOTAL				87,00,000

### EEE:

S.No	Head of A/C	List of items required	Amount in Rs	Total requirement
1	19 M&E 01 Purchase	Loading Rheostats & Starters	1,71,000	<b>10,81,000</b>
		Autotreny former & Spring Balance	1,75,000	
		Earth Resistance Tester	2,60,000	
		Control System Lab Equipment	1,73,000	
		Instrumentation Lab Equipment	1,83,000	
		Instrument Supporter	44,000	
		PVsyst pro 30	75,000	
2	76 Computer & Accessories 01	Computers -30 Nos	12,00,000	
		ORCAD Software	9,00,000	
		MATLAB with tools for all branches	23,00,000	
		Verilog HDL	5,00,000	<b>49,00,000</b>
3	19 M&E 03 Maintenance	Control and Instrumentation lab equipments servicing	50,000	<b>70,000</b>
		DC Power Supply Maintenance	10,000	
		RO – Service	10,000	
4	47 S& E	Electrical lab consumables	54,000	<b>54,000</b>
<b>TOTAL</b>				<b>61,05,000</b>

**CSE:**

S.No	Head of A/C	List of items required	Amount in Rs	Total requirement
1	19 M&E 01 Purchase	UPS	1000000	3553000
		Anti Virus Software	500000	
		8086 Kits Microprocessor Lab	200000	
		Air Conditioner	600000	
		Surveillance system	200000	
		Interfacing Card for Microprocessor Kits( <b>Stepper Motor Interface, 8279 Interface Card,Printer Interface, Digital Clock, Traffic Light,Parallel Interface, ADC-DAC)</b>	700000	
		Lab Aircirculator	80000	
		CCTV Camera	180000	
		Instrument Supporter	13000	
		Shoe Rack	80,000	
2	76 Computer & Accessories 01	Servers for Internet	1200000	34,05,000
		Network Management Software	200000	
		Network Analyzer Tool	15000	
		Computer Systems	1500000	
		Gigabit Ethernet switch	50000	
		Blue Tooth Printer/ Wireless Printer	40000	
		Internet Security Device	200000	
		Internet Security Device Tools	200000	
3	19 M&E 03 Maintenance	SMPS	25000	2,92,500
		RAM for old Server	65000	
		Mouse	20000	
		Windows Screens(New lab, Mini seminar hall, Digital Lab)	100000	
		Pen Drive	2500	
		Door Closers	9000	
		Projector Mountable Kits	6000	
		IC's and Cables	20000	
		Electrical Wiring for air conditioners	30000	
		Writing Pad	15000	
4	76 Computer & Accessories 03	Desktop Systems servicing	25000	35,000
		AMC for Printer	10000	
5	47 S& E	UPS Servicing	20000	55,000
		RO Service	10000	
		AC Service	25000	
TOTAL				73.40,500



## Civil:

S.No	Head of A/C	List of items required	Amount in Rs	Total requirement
1	19 M&E 01 Purchase	Minor Loss Test rig	50,000	<b>1,95,000</b>
		Multi Stage Centrifugal Pump Test	75,000	
		Fum Test Rig	70,000	
2	19 M&E 03 Maintenance	Concrete Lab Maintenance	30,000	<b>30,000</b>
<b>TOTAL</b>				<b>2,25,000</b>

## Science & Humanities:

S.No	Head of A/C	List of items required	Amount in Rs	Total requirement
1	19 M&E 01 Purchase	<b>Chemistry Dept</b>		<b>22,35,500</b>
		BOD Apparatus	1,99,500	
		BOD Accessories	1,05,000	
		COD Apparatus	1,15,500	
		Magnetic Stirrer	40,000	
		Desiccator	8,000	
		<b>Physics Dept</b>		
		Travelling Microscope	1,95,000	
		Screw Gauge		
		Digital Micrometer		
		Screw Gauge		
		UV-VIS Spectrometer	1,98,000	
		Data Processing unit for UV – Vis Spectrophotometer	1,97,500	
		FTIR Spectrometer basic Equipment	4,80,500	
		Accessories for FTIR Spectrophotometer	4,72,500	
		Spectrometer	44,000	
		Digital stop watch	3,000	
		Split AC for UV-Vis & FTIR instruments	120000	
		Window vertical lids	57000	
2	76 Computer & Accessories 01	<b>Maths Dept</b>		<b>3,00,000</b>
		Laptop (Maths Dept)	1,00,000	
		5 KVA UPS for UV-Vis & FTIR instruments	2,00,000	

3	19 M&E 03 Maintenance	Chemistry Dept :		58500
		Distilled water Plant Service	10,500	
		Distilled water Plant Heating element	13,500	
		BOD incubator Service	14,500	
		Physics Dept :		
		High temperature tube furnace service, RO repair work(Service), Cool water circulator service Travelling microscope service	20,000	
3	47 S& E	Chemistry Dept :		1.69,500
		Chemicals	90,000	
		Apparatus	57,000	
		Physics Dept :		
		45 Degree glass plate with wooden stand Air wedge glass plate Benzene- 1000ml Acetone- 1000ml Phenol- 1000ml Ethyl Alcohol- 1500ml Distilled water- 10 liters Junction box wooden with switch & indicator, Round cable 5 meter Junction box wooden with switch & indicator, Round cable 10 meter PH Paper 1 to 14 range(packet) Waste cloth(Packet) Hand wash liquid Block cloth(meter) Beaker washing liquid	22,500	
		TOTAL		

### Library:

S.No	Head of A/C	List of items required	Amount in Rs	Total requirement
1	68 Cost of Books Purchase AF	Online & Hard Copy Journals Subscription ( As per AICTE Requirements ) IEEE, IETE, ASME, ACM, CSI etc.,	13,00,000	
		Books & Journals	9,00,000	<b>22,00,000</b>
2	68 Cost of Books JE	Books & Journals	35,000	<b>35,000</b>
			<b>TOTAL</b>	<b>22,35,000</b>

### Permitted

### **Agenda: 13.5**

**Internal Audit completed for the period 1-10-2014 to 31-03-2015.** There is no disallowance reported in the audit. The comments and replies to audit observations are given in Annexure -2.

***Ratified***

### **Agenda: 13.6 Infosys Campus connect Programme:**

GCE, Bargur has signed MoU with Infosys. They train the teachers for training the students in selected topics like c & C++ prog, Java Prog, Web Designing etc. Permission is requested to collect registration fees of Rs 300/= from the students to conduct these programmes. All the branch students who are interested will be participating in these programs. 50% of the amount will refunded after completion of Course. Remaining amount will be deposited in the IRG Account.

**Permitted**

### **Agenda 13.7 Improvement in R&D:**

**Department of Mechanical Engg of GCE, Bargur got financial sanction for the research project “Studies on development of an Integrated approach for rapid Modeling of Annular Combustor for Aero Gas Turbines” from Science and Engineering research board (SERB of DST) Fund allotted is Rs 25,26,000/= for a period of three years.** This Fund release is made under “Empowerment and Equity opportunities for excellence in science program.”

***Ratified***

### **Agenda 13.8 Training programmes attended outside Institution during March 2015 July 2015.**

<b>Sl. No</b>	<b>Title of the Programme</b>	<b>Date</b>	<b>Participants</b>	<b>Place</b>
1	International Conference on Engineering Technology and Science (ICETS'15),	05.03.2015 to 06.03.2015	Prof.R.Sudha(EEE)	Muthayammal College of Engineering, Rasipuram.
2	One day workshop on Cyber Security	13.03.2015	Prof.N.Jagadeeswari (CSE)	VIT,Vellore

Sl. No	Title of the Programme	Date	Participants	Place
3	e-Yantra Symposium 2015:eYRTC National Finals	10.04.2015 to 11.04.2015	Dr.V.Thirunavukkarasu (ECE) Prof.K.Manogaran (ECE) Prof.CMT.Karthikeyan (CSE)	IIT , Bombay
4	QEEE review meeting	11.04.2015	Prof. B. Sivaranjini,CSE Prof.Bhavani (EEE)	IITM Research Park,Tharamani, Chennai
5	International Conference on Science and Engineering Technology	05.05.2015 to 06.05.2015	Prof.R.Sudha(EEE)	VIT,Vellore
6	International Conference on Recent Advances in Science & Engineering (ICRASE-2015)	09.05.2015 to 10.05.2015	Prof.P.E.Irin Dorathy(ECE)	Organized by Institute for studies on Recent Advances in Science & Engineering at Hotel Magaji Orchid,Bangalore
7	Workshop on "Nano Fabrication Technology"	27.05.2015 to 29.05.2015	Prof.M.Elangovan(ECE)	IIT,Bombay
8	Further Education Leadership Development Programme"	27.04.2015 to 29.04.2015	Dr.V.Thirunavukkarasu (ECE)	NITTTR,Chennai Organized by the UK-India Education and Research Initiative (UKIERI) .
9	Faculty Enablement Programme on "Foundation 4.0"	20.07.2015 to 25.07.2015	Mr.M.Vivek Anand (Adhoc lecturer/CSE)	Held at B.V.B College of Engineering and Technology ,Hubli Conducted by Infosys limited

#### Training conducted in the Institution during Mar 2015 – July 2015

Sl.No	Title of the Programme	Name of the Coordinator
1	TEQIP II SPONSORED 2nd National Conference ON "Emerging Trends in Advanced Computing and Communication" (CSE) 05.03.2015 to 06.03.15	Prof.C.Satheesh Pandian (CSE)
2	TEQIP II SPONSORED Workshop vision IDP 2020 10.03.2015 & 19.03.2015	Dr.V.Tirunavukkarasu (ECE)
3	TEQIP II sponsored one day FDP on Stress management(CSE)17.03.2015	Prof.J.Nafeesa Begum(CSE)
4	TEQIP II sponsored one day workshop on "Patent Registration" 17.04.2015	Dr.M.Chandrasekaran Professor / ECE,

### Student Training Programmes conducted during Mar 2015 – July 2015

Dept	Name of the Programme	Co-ordinator	Year	Total No of Beneficiaries
CSE	Embedded system and Its Applications 13.03.2015 to 14.03.2015	Prof.C.M.T.Karthikeyan	II	59
CSE	IT Embedded management systems 08.03.2015 to 11.03.2015	Prof.Jagatheeshwari	IV	64
ECE	One day workshop on “Outcome based accreditation” 18.03.2015	Prof.M.Elangovan	I,II,III	178
Mech	3D Printing 06.03.2015 to 07.03.2015	Prof.P.Thirumal	II	66
Mech	Role of foreign language in higher studies and engineering careers 13.02.2015 to 14.02.2015	Dr.I.Rahamathullah	III, IV	120
Mech	Finite Element Methods 02.03.2015 to 05.03.2015	Prof.I.Rahamathullah	III	69
Mech	Interdisciplinary Workshop On Additive Manufacturing 06.03.2015 to 07.03.2015	Prof.S.Shankar Ganesh	III	71
All Dept	Prevention of Ragging and Communal Harmony in Campus 16.03.2015	Dr.V.Thirunavukkarasu	II	235
All Dept	One day workshop on “Advanced Engineering Materials” 18.04.2015 to 19.04.2015	Prof.Bakkiyaraj	I	199
CSE	Object Oriented Software Engineering Tools- Cranes Software International Ltd,Bangalore 06.07.15 & 07.07.15	C.M.T.Karthigeyan	III	59
CSE	CII TEQIP-II Webinar on “Cloud Computing”-CTS 07-07-2015	Prof.B.Sivaranjani	IV	70
CSE	Big Data- Challenges and Opportunities 16-07-2015 & 17-07-2015	Prof.S.Selvi	IV	67
CSE	Skill Development and Fast Arithmetic 28.07.2015 to 29.07.2015	Prof.B.Sivaranjani	IV	70
EEE	CII TEQIP-II Webinar on “Waste Water Treatment” 21.07.2015	Prof.B.Sivaranjani	III	55
ECE	Aptitude Training 29.07.2015 to 31.07.2015	Prof.M.Elangovan	IV	270

Dept	Name of the Programme	Co-ordinator	Year	Total No of Beneficiaries
Mech	German Language For Engineers 18.07.2015 to 20.07.2015 & 24.07.201 to 27.07.2015	Prof.Kulandaivel	II III	15 35

FDP list is already approved in previous BOG. Need based training programmes attended outside the institution and conducted may be ratified.

***Ratified***

**Agenda. 13.9 Teaching Learning center**

**Trainings to be conducted**

Sl. No	Title of Programme	Tentative Month
1.	Innovative Teaching Learning Process	September 2015
2.	Effective use of Massive Open Online Course"	November 2015
3.	"Research Methodology for the Engineers & Scientist	January 2016

***Approved***

**Agenda. 13.10 NPTEL Study center @ GCE,Bargur**

NPTEL Study center has been started during July 2015. Dr. I. Rahamathullah has been nominated as single point of contact (SPOC) to NPTEL, IIT Madras. All the students in the higher semesters are motivated to register for the online courses and advised to take up the proctor based examination. It is proposed to reimburse the examination fees for the successful candidates.

***Approved***

**Agenda. 13.11 QEEE Class Time Table**

S.No	QEEE Courses offered	Local Faculty In charge	Year & Dept	Meet the IIT Faculty Session	Live Session 1	Live Session 2	Live Session 3
1	Basics of Design of Machine Elements	Prof.P.Natarajan AP-Mech	III Mech	<b>01-07-2015</b> 02:15-02:45	5-Aug-2015 (2-4 pm)	12-Aug-2015 (2-4 pm)	19-Aug-2015 (2-4 pm)
2	Control Systems	Prof.V.Arivumani AP-EEE	III EEE	<b>22-06-2015</b> 03:45-04:15	17 <sup>th</sup> -Aug-2015 (2-4	20 <sup>th</sup> -Aug-2015 (2-4	21 <sup>st</sup> - Aug-

					pm)	pm)	2015 (2-4 pm)
3	Electromagnetic Waves	Prof.A.Thangaraj	II EEE	<b>24-06-2015</b> 9:00 - 9:30	07-Sep-2015 (2-4 pm)	08-Sep-2015 (2-4 pm)	09-Sep-2015 (2-4 pm)
4	Engineering Drawing - Machine Drawing	Prof.P.Thirumal AP-Mech	I Year CSE/EEE/ECE/MECH	<b>23-06-2015</b> 11:15-11:45	17-Aug-2015 (10-12 noon)	18-Aug-2015 (10-12 noon)	19-Aug-2015 (10-12 noon)
5	Fundamentals of Small Signal Analysis	Prof.M.Elangovan AP-ECE	II ECE	-	14-Aug-2015 (2-4 pm)	25-Aug-2015 (2-4 pm)	26-Aug-2015 (2-4 pm)
<b>S.No</b>	<b>QEEE Courses offered</b>	<b>Local Faculty In charge</b>	<b>Year &amp; Dept</b>	<b>Meet the IIT Faculty Session</b>	<b>Live Session 1</b>	<b>Live Session 2</b>	<b>Live Session 3</b>
6	Graphs and Strings	Prof.CMT.Karthikeyan AP-CSE	II CSE	<b>22-06-2015</b> (9:45 - 10:15)	07-Sep-2015 (10-12 noon)	08-Sep-2015 (10-12 noon)	10-Sep-2015 (10-12 noon)
7	MIMO and Massive MIMO - Wireless Communication	Prof.Irin Dorothy P.E AP-ECE	IV ECE	<b>22-06-2015</b> 02:15-02:45	13-Oct-2015 (2-4 pm)	19-Oct-2015 (2-4 pm)	20-Oct-2015 (2-4 pm)
8	Physical and Mathematical Foundations - Fluid Mechanics	Dr.G.Saravanan AP-CIVIL	II MECH	<b>24-06-2015</b> 03:00-03:30	11 <sup>th</sup> -Aug-2015 (10-12 noon)	12 <sup>th</sup> -Aug-2015 (10-12 noon)	13 <sup>th</sup> -Aug-2015 - (10-12 noon)
9	Smart Phone Computing	Prof.B.Sivaranjani AP-CSE	IV CSE	-	08-10-2015 (10-12 noon)		
10	Solar DC	Prof.R.Sudha AP-EEE	III EEE	-	28 <sup>th</sup> -Sep-2015 (2-4 pm)	30 <sup>th</sup> -Sep-2015 (2-4 pm)	5 <sup>th</sup> -Oct-2015 (10-12 pm)
11	Solid State Devices	Prof.M.Elangovan AP-ECE	II ECE	<b>02-07-2015</b> 9:00 - 9:30			
12	Space, Time, Codes - Wireless Communication	Prof.Irin Dorothy P.E AP-ECE	IV ECE	<b>22-06-2015</b> 11:15-11:45	5-Oct-2015 (2-4 pm)	6-Oct-2015 (2-4 pm)	13-Oct-2015 (2-4 pm)
13	The Nitty-Gritty of Logic Gates to Processor Design - Computer Organization and Architecture	Prof.ArulKumar AP-ECE	III ECE	-	11-Aug-2015 (2-4 pm)	13-Aug-2015 (2-4 pm)	20-Aug-2015 (10-12 noon)

14	Spoken English	Prof.CMT.Karthigeyan AP-CSE	III CSE	<b>23-06-2015</b> 10:30-11:00	<u><b>Schedule for Lecture Delivery</b></u> <b>Session 1</b> : 21st Aug 2015 (10-12 noon) <b>Session 2</b> : 28th Aug 2015 (2-4 pm) <b>Session 3</b> : 2nd Sept 2015 (10-12 noon) <b>Session 4</b> : 4th Sept 2015 (10-12 noon) <b>Session 5</b> : 11th Sept 2015 (2-4 pm) <b>Session 6</b> : 16th Sept 2015 (2-4 pm) <b>Session 7</b> : 18th Sept 2015 (10-12 noon) <b>Session 8</b> : 23rd Sept 2015 (10-12 noon) <b>Session 9</b> : 29th Sept 2015 (2-4 pm) <b>Session 10</b> : 1st Oct 2015 (10-12 noon) <b>Session 11</b> : 7th Oct 2015 (2-4 pm) <b>Session 12</b> : 9th Oct 2015 (2-4 pm) <b>Session 13</b> : 14th Oct 2015 (10-12 noon)
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***Ratified***

### **Agenda. 13.12 Librarian**

The librarian who was working in this institute retired from the service on 31<sup>st</sup> May 2014. At present there is no librarian and attender. Due to this from the academic year 2014-15 it is very difficult to maintain and issue the books to the students. The inspection committee sent by Anna University, Chennai for affiliation, NBA accreditation team also expressed their concern on this issue. In accreditation major portion of the marks goes for Library. **The BoG requests the Director of Technical Education to give special attention for posting a librarian and attender immediately.**

**Permitted**



### **Agenda 13.13 College Bus and Driver:**

**A bus was transferred from GCT Coimbatore to this institute.** The bus is well maintained and utilized for the industrial visits. There is no sanctioned post for the bus driver and conductor cum attender. A letter was written to transfer the driver with the driver post from Govt. Polytechnic, women, Coimbatore on 10/11/14. It is requested to get sanction from the Govt to transfer the driver with the post from GPT women, Coimbatore to GCE, Bargur. **As an interim arrangement the driver may be redeployed to GCE, Bargur for maintaining and to utilize the bus effectively for students.**

### **Permitted**

### **Agenda 13.14 Part Time B.E Claim for administrative office:**

**For the conduct of Part time B.E classes the following claims may please be approved from PTBE account.**

<b>S.No</b>	<b>Designation</b>	<b>Honorarium</b>
1.	Principal	Rs 300 /-per month
2.	PA to Principal	Rs 200 /-per month
3.	Supdt	Rs 150/- per month
4.	Assistant	Rs 150 /-per month
5.	Junior Assisitant	Rs 150 /-per month
6.	Steno	Rs 150 /-per month
7.	OA	Rs 50 /-per month

### **Permitted**

### **Agenda 13.15 Priority of List of works( PWD) submitted for the year 2015-2016**

Priority of List of works (PWD) submitted for the year 2015-2016 from the building works committee of GCE, Bargur to get the approval of Director of Technical Education is submitted. This will be approved by the CTE depending upon the availability of funds allotted to GCE, Bargur.

PWD CIVIL Works:

### **I . Head of A/C: 2059 PW M&R AS**

<b>S.No</b>	<b>Name of Repair/Minor works</b>	<b>Estimate Rs in Lakhs</b>
1	Annual maintenance of Institutional buildings roads and drains water supply and sanitary arrangements	1.50
2	Annual maintenance of Girl's hostel block-I & II and Boys hostel block- I & II and quarters water supply and sanitary arrangements	1.00

S.No	Name of Repair/Minor works	Estimate Rs in Lakhs
3	Special repairs to Ladies Rest room with toilet near EEE Block	8.50
4	Special repairs to EEE Department with outer wall painting works	3.00
5	Special repairs to ECE Department with outer wall painting works	2.00
6	Special repairs to CSE Department building lab partition and damaged flooring	3.00
	<b>TOTAL</b>	<b>19.00</b>

## II .Head of A/C: 2203 Minor works

S.No	Name of Repair/Minor works	Estimate Rs in Lakhs
1	Providing compound wall for rear side of girls hostel block-I	2.00
2	Providing compound wall for rear side of girls hostel block-II	1.55
	<b>TOTAL</b>	<b>3.55</b>

## Ratified

### Agenda: 13.16 Academic schedule for ODD Sem 2015-2016

ACADEMIC SCHEDULE for odd SEM 2015-2016 Dt: 28- 06-2015

S.No	Academic Prog	Tentative Dates
1	Classes reopen for Odd Sem-III sem;V sem;VII sem FTBE & PTBE	01-07-2015
2	First class committee meeting for III,V,VII sem	20-07-2015 to 24-07-2015
3	First attendance updating in Anna Univ web portal except I years	31-07-2015 to 08-08-2015
4	First Year Admission and starting of I Year classes	03-08-2015
5	First Class committee meeting for I sem	19-08-2015
6	Inauguration of all Dept associations	10-08-2015 to 14-08-2015
7	National level Technical Symposium in each dept	09-09-2015 to 23-09-2015
8	a) First Test for III;V;VII sems b)Test Mark updation in website	a)21-08-2015 to b) 02-09-2015
9	a)First Test for I sem b)Test mark updation	Sep 2015
10	Second Class Committee meeting for III;V;VII sem	07-09-2015 to 11-09-2015
11	a)Second test for III;V;VII sem b)Test mark updation	a)22-09-2015 to 01-10-2015 b)01-10-2015 to 08-10-2015
12	a)Third test for III;V;VII sem b)Test mark updation	a)23-10-2015 to 03-11-2015 b)03-11-2015 to

S.No	Academic Prog	Tentative Dates
		07-11-2015
13	a)Second Test for I Sem b)Test mark updation	Oct 2015
14	Sessional Mark consolidation and starting of Lab Exams	02-11-2015
15	Last working Day for III;V;VII sem	27-10-2015
16	Second Class Committee meeting for <b>I sem</b>	Oct 2015
17	Third Test for I sem and Test mark updation	Nov 2015
18	Sessional mark updation and starting of Lab Exams	Nov 2015
19	Last working day for I Sem	Nov 2015
20	Reopening for even sem- IV;VI ; VIII sem FTBE and PTBE and II sem FTBE	04-01- 2016

**Submitted to BoG for information**

### **Agenda 13.17 Career Advancement Scheme**

Career Advancement Scheme (CAS) for the Asst. Professor to Asst. Professor (Senior Grade), Asst. Professor (Senior Grade) to Asst. Professor (Selection Grade) and Associate Professor are due to the faculty members. **BoG requests the Director of Technical Education to give special attention to this issue and requests the Director of Technical Education to speedily implement the CAS for the faculty members who are eligible.**

**Permitted**

### **Agenda: 13.18 Inadequate Faculty strength (As per AICTE norms)**

The Performance Auditor, Mentor and the inspection committee for Anna University affiliation has raised concern over inadequate Faculty and other staff strength in GCE, Bargur. This has been represented to the Director of Technical Education for sanction of posts as per AICTE norms. **In the view of getting NBA-Accreditation, BoG requests the DTE to take special steps for the sanction of teaching and non-teaching posts as per AICTE Norms as listed below ( Accreditation of Dept of Mechanical Engineering is pending).**

S.No	DETAILS OF POSTS FOR GCE BARGUR	No. of Posts required for GCE Bargur for 4 Branches as per AICTE Norms	No. of Posts already available in GCE Bargur	Vacant at present	Additional No. of Posts Required to fulfil AICTE Norms
1.1	Principal	1	1	1	0
1.2	Professor	4	2	0	2
1.3	Asso. Professor	16	8	8	8
1.4	Asst. Professor	52	42	9	10
1.5	Librarian	1	1	1	0
1.6	Physical Director	1	0	0	1
<b>TEACHING POSTS</b>		<b>75</b>	<b>54</b>	<b>20</b>	<b>21</b>
2.1	Foreman Instructor	1	0	0	1
2.2	Workshop Instructor	2	0	0	2
2.3	Artisan (Grade 1)	4	0	0	4
2.4	Artisan (Grade 2)	16	0	0	16
2.5	Lab Assistant	16	7	0	9
2.6	Pump House Operator	2	0	0	2
2.7	Plumber	1	0	0	1
<b>WORKSHOP &amp; TECHNICAL STAFF</b>		<b>42</b>	<b>7</b>	<b>0</b>	<b>35</b>
3.1	P.A to Principal	1	1	0	0
3.2	Bursar	1	0	0	1
3.3	Superintendent	4	1	1	3
3.4	Assistant	8	3	2	7
3.5	Junior Assistant	12	1	1	10
3.6	Typist	3	0	0	3
3.7	Steno-Typist	1	1	0	0
3.8	Record-Clerk	2	0	0	2
<b>ADMINISTRATIVE STAFF POSTS</b>		<b>32</b>	<b>7</b>	<b>4</b>	<b>26</b>
4.1	Office Assistant	2	2	1	0
4.2	Watchman	3	0	0	3
4.3	Gardener	2	0	0	2
4.4	Marker	1	0	0	1
4.5	Sweeper	3	0	0	3
4.6	Sanitary Worker	2	0	0	2
<b>BASIC SERVANTS</b>		<b>13</b>	<b>2</b>	<b>1</b>	<b>11</b>

**Approved**

### **Agenda: 13.19 Filling up of vacant posts in office**

GCE,Bargur has got only 7 sanctioned posts in office for the past 20 Years compared to newly started colleges with 21 Posts sanctioned. Two Assistant posts are vacant for the past 18 months. It is very difficult to run the office with only Four members One-PA; One-Asst; One-Steno cum typist and One-Junior Assistant. **Hence it is requested that Two Assistant posts may please be filled up early.**

### **Permitted**

### **Agenda 12.20 Mentor's 6<sup>th</sup> Visit in August 2015 report submitted.**

The 6<sup>th</sup> mentor visit for TEQIP-II institutional progress monitoring was held in 04.08.2015 & 05.08.2015. The report of the same is submitted to BOG for information.

Refer Annexure 3 for Mentor's Visit report

### **Submitted to BoG for information**

### **Agenda: 13. 21**

#### **Governance Self-Assessment – GCE, Bargur**

<b>INSTITUTIONAL GOVERNANCE REVIEW TEMPLATE</b>	
<b>A PRIMARY ACCOUNTABILITIES</b>	
<b>SELF-REVIEW QUESTIONS</b>	<b>ASSESSMENT</b>
Has the Governing Body approved the institutional strategic vision, mission and plan - identifying a clear development path for the institution through its long-term business plans and annual budgets?	Before starting the project SWOT analysis was conducted with Student, Faculty members, HOD and Principal. Based on the SWOT analysis draft institutional development plan was finalized. Draft IDP was placed in BoG and got improved and finalized in 2012-13. For 2013-14 again IDP was revised in BoG and got approved in BoG. IDP for the period of Jan 2015 to Dec 2016 is submitted and approved in 11 <sup>th</sup> BOG. Revised IDP (upto Dec 2016) and Vision IDP 2020 is approved in 12 <sup>th</sup> BOG. State budget, TEQIP procurement, Faculty and staff training activities and all other academic activities are planned and placed before BoG for discussion and got approved.

Has the Governing Body ensured the establishment and monitoring of proper, effective and efficient systems of control and accountability to ensure Financial sustainability (including Financial and Operational controls, risk assessment and management clear procedures. For Managerial and physical human resources)	<p>Yes. All the subcommittee decisions are placed in BoG for approval and process.</p> <p>The activities of institution are monitored by the BoG; on every BoG meeting an action taken report is placed based on the previous minutes.</p>
<p>Is the Governing Body monitoring institutional performance and quality assurance arrangements?</p> <p>Are these benchmarked against other institutions (including accreditation, and alignment with national and international quality assurance systems) to show that they are broadly keeping pace with the institutions they would regard as their</p>	<p>BoG is informed in each meeting about;</p> <ol style="list-style-type: none"> <li>1. Academic Results and transition rate.</li> <li>2. External funding obtained from other research agencies.</li> <li>3. Testing and consultancy service and IRG generated.</li> <li>4. Training programmes for faculty, technical staff, and students.</li> <li>5. Industry need based training for</li> </ol>
Has the Governing Body put in place suitable arrangements for monitoring the head of the institution's performance?	<p>Yes. Monitoring is based on completion of BoG agenda. Mentor's report on the performance of Head of Institution is given to BoG chairman after every visit. BoG Chairman will record the action taken report of the previous BoG minutes in every meeting.</p>

#### **INSTITUTIONAL GOVERNANCE REVIEW TEMPLATE**

#### **B OPENNESS & TRANSPARENCY IN THE OPERATION OF GOVERNING BODIES**

<b>SELF-REVIEW QUESTIONS</b>	<b>ASSESSMENT</b>
Does the Governing Body publish an annual report on Institutional performance?	Yes. Annual report is published for 2012-13, 2013-14 & 2014-15 and approved by BoG.
Does the Governing Body maintain, and publicly disclose, a register of interests of members of its governing body?	Yes. Every time members are asked to record their feedback about the meeting in the visitor's register
Is the Governing Body conducted in an open a manner, and does it provide as much information as possible to students, faculty, the general public and potential employers on all aspects of institutional activity related to academic Performance, finance and Management?	<p>Yes. After the meeting the minutes of the meeting is circulated to the departments and the same is published in the web site.</p>

#### **INSTITUTIONAL GOVERNANCE REVIEW TEMPLATE**

#### **C KEY ATTRIBUTES OF GOVERNING BODIES**

<b>SELF-REVIEW QUESTIONS</b>	<b>ASSESSMENT</b>
Are the size, skills, competences and experiences of the Governing Body, such that it is able to carry out its primary accountabilities Effectively and efficiently, and ensure the confidence of its Stake holders and constituents?	<p>Yes. BoG is constituted as per NPIU guidelines and approved by State Government.</p> <p>BoG Chairman has evaluated the expertise and competencies of BoG members.</p>

Are the recruitment processes and procedures for governing body members rigorous and transparent?	BoG does not have any member with political influence and its constitution is based on NPIU guidelines.  The appointment of BoG member and Chairman is transparent.
Does the Governing Body have actively involved independent members and is the institution free from direct political interference to ensure academic freedom and focus on long- term educational objectives?	BoG consists of industry persons and senior Academicians only.
Are the role and responsibilities of the Chair of the Governing Body, the Head of the Institution and the Member Secretary serving the governing body clearly stated?	Yes
Does the Governing Body meet regularly? Is there clear evidence that members of the governing body attend regularly and participate actively?	The project started in July 2012 and till <b>August 2015, 12</b> times BoG meetings were conducted and the minutes of the meeting were published in the institution web site.

#### **INSTITUTIONAL GOVERNANCE REVIEW TEMPLATE**

##### **D- EFFECTIVENESS AND PERFORMANCE REVIEW OF GOVERNING BODIES**

<b>SELF-REVIEW QUESTIONS</b>	<b>ASSESSMENT</b>
Does the Governing Body keep their effectiveness under regular review and in reviewing its performance reflects on the performance of the institution as a whole in meeting its long- term strategic objectives and its short-term indicators of performance/ success?	In every meeting the action taken report on previous BoG minutes is discussed to ensure the complete implementation of BoG decisions. The BoG reviews and makes suitable suggestions for further development. In the BoG meeting as the last agenda BoG itself making the assessment in the institutional governance template.
Does the Governing Body ensure that new members are properly inducted, and existing members receive opportunities for further development as deemed necessary?	Being Govt. institution, academic members from the college get transferred. New members are appointed replacing the transferred faculty members in the immediate next BoG meetings itself. The appointments of new BoG members are subjected to the approval of the committee.

#### **INSTITUTIONAL GOVERNANCE REVIEW TEMPLATE**

##### **E – REGULATORY COMPLIENCE**

<b>SELF-REVIEW QUESTIONS</b>	<b>ASSESSMENT</b>
Does the Governing Body ensure regulatory compliance* and, subject to this, take all final decisions on matter of fundamental concern to the institution.	Yes. Based on TEQIP guidelines – PIP and State Govt. Policy



# ANNUAL REPORT

JUNE 2014 - MAY 2015

ELECTRONICAL COMMUNICATION ENGINEERING

ELECTRICAL AND ELECTRONICAL ENGINEERING

COMPUTER SCIENCE ENGINEERING

DEPARTMENTS ARE NBA ACCREDITED



**Government College of Engineering**  
(Affiliated to Anna University, Chennai)  
**Bargur - 635 104**



# Government College of Engineering, Bargur

The ideal destination for students in search of a high level learning combined with rich experience of the international way of life. GCE has a proud tradition of maintaining the highest standards of education with a strong emphasis on its international student community. Government College of Engineering was founded in 1994 aimed at providing world class education in engineering, fostering industrial prosperity, and aiding socio-economic development of the nation at a large.

## VISION OF THE INSTITUTION

We envision our students to be excellent engineers not only in the field of science and technology, but also embed the greatest values of human life. Our commitment lies in producing good citizens, comprehensive knowledge seekers and remains as an asset in building a strong and developed nation.

## MISSION OF THE INSTITUTION

To achieve the vision we should have hard working faculty who use effective teaching methodologies. To impart knowledge in the latest trends of technical education. To prepare our young students to become professionally and morally sound engineers. To teach global standards in production and value based living through a truthful and technical approach.



## Department of Electronics and Communication Engineering

### VISION

We envision our students to be excellent engineers not only in the field of science and technology, but also imbued with the greatest values of human life. Our commitment lies in producing good citizens, comprehensive knowledge seekers and remains as an asset in building a strong and developed nation.

### MISSION

To prepare students to excel in their chosen career through holistic education. The graduates are able to apply the broad fundamental concepts in social and natural sciences, mathematics, and engineering, and the depth of knowledge gained in electronics and communication engineering, as professionals in their chosen careers. To make students to innovatively design, simulate, develop, implement and test hardware and software components for offering solution to real life situations. The graduates demonstrate effective communication skills, the ability to work well either individually or as part of a team, who have embraced lifelong learning values for continuous self and professional growth. career development



## Department of Computer Science and Engineering

### VISION

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

### MISSION

To offer high quality graduate program in computer science and to prepare students for professional career or higher studies. The department promotes brilliance in teaching, research, mutual activities and constructive assistance to the public.



## Department of Mechanical Engineering

### VISION

The mechanical engineering department strives to be recognized for education and research leading to qualified engineers, who are innovative, entrepreneurial and successful in advanced fields of engineering and research.

### MISSION

Prepare engineering students for successful careers. Imparting quality education to the student and enhancing their skills to make them competitive mechanical engineers. Maintaining vital, state of the art research facilities to provide its student and faculty with opportunities to create, interpret, apply and disseminate knowledge. To develop linkages with R & D organisation and education incitation for excellence in teaching, the research and consuddance the practice.



## Department of Electrical and Electronics Engineering

### VISION

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

### MISSION

To provide an environment in which new ideas and research thrive and from which the leaders and innovators of tomorrow emerge.



**BOG Members:**

S.No	Members Name	Position
1.	Mr.K.Murugan NHK.F. Krishna India Automotive Seating Pvt. Ltd., Plot No:44, SIPCOT Industrial Part, Oragadam, Sriperumpudur TK, Kanchipuram DT.	Chairman-BOG
2.	Prof.P.M.Kavimani, Additional Director(Poly/Exams), Directorate of Technical Education. Chennai - 600 025.	Eminent Educationalist - BOG Member
3.	Mr.P.Thanikachalam, Managing Partner of Ideal Foundations.	Representative from Industry - BOG Member
4.	Dr.s.MarshalAnthoi, Associate Professor, Department of Mathematics, Anna University Regional Centre, Coimbatore - 641 047.	Nominee of University- BOG Member
5.	Dr.K.P.Jayadev, Principal (Retd), Govt. College of Engineering - Salem.	Eminent Educationlist - BOG Member
6.	Mr.N.Arumugam, FA & CAO, Directorate of Technical Education, Chennai - 600 025.	Nominee from finance wing of DOTE - BOG Member
7.	Prof.K.Subathra, Principal (i/c), Govt College of Engineering - Bargur	Principal (i/c) & BOG Member
8.	Dr.V.Thirunavukkarasu, Associate Professor - ECE, Govt College of Engineering - Bargur.	TEQIP Co-ordinator - BOG Member
9.	Prof.P.Thirumal, Asst. Professor (Sr.Gr)/Mechanical, Govt College of Engineering, Bargur.	Academic Nodal Officer / TEQIP (Representative from Senior teaching Staff) - BOG Member

## TEQUIP-II NODAL OFFICIERS

Activity	Nodal Officer
Co-ordinator	Dr.V. Thirunavukkarasu, Asso. Prof
Procurement	Prof. T. Govindhan, Asst. Prof.
Finance	Prof. J. NafeesaBegum,Asst. Prof.
Academic	Prof. P. Thirumal, Asst. Prof.
Equity	Prof. P.E. IrinDorathy, Asst. Prof.
Industry Institute Interaction	Prof. CMT. Karthikeyan, Asst. Prof.

## Faculty Development And Student Training Programmes Organized Inside Of The Institution Faculty Development Programmes



Anna University Sponsored FDP on “EC 6303 - Signals and systems” from 18.06.2014 to 24.06.2014 organized by Electronics and Communication Engineering Department.

TEQIP-II sponsored one day workshop on “Outcome Based Accreditation” on 26.06.2014, organized by Electronics and Communication Engineering Department.



TEQIP-II sponsored Two days FDP on “RESEARCH METHODOLOGY” from 17.07.2014 to 18.07.2014, organized by Electronics and Communication Engineering Department.

TEQIP-II sponsored online TEQIP-II Satisfaction pilot survey meeting on 28.08.2014 organized by Electronics and Communication Engineering Department.







TEQIP II sponsored one week FDP on “RECENT TRENDS IN POWER CONVERTERS” from 10.11.2014 to 16.11.2014, organized by Electrical and Electronics Engineering Department. Dr.M.Saravanan, Professor/EEE, Thiagarajar College of Engineering, Madurai has delivered the Lecture.

TEQIP-II sponsored one week FDP on “ENTREPRENEURSHIP” 17.11.2014 to 23.11.2014 organised by department of Electrical and Electronics Engineering.



TEQIP-II SPONSORED 2nd National Conference ON “Emerging Trends in Advanced Computing and Communication” from 05.03.2015 to 06.03.15 organised by department of Computer Science and Engineering, Addressed by the Chief Guest Prof.K.Thangaraj, Asst. Professor (Sr. Grade) / IT, Sona College of Technology- Salem

TEQIP- II sponsored Workshop vision IDP 2020 on 10.03.2015 organised by department of Electronics and Communication Engineering.





TEQIP-II sponsored one day workshop on "Stress management" on 17.03.2015 organised by department of Computer Science and Engineering, Session by the Resource Person Dr.K.Arockia Raj, Asst. Prof. / Department of Social Works, Sacred Heart College, Tirupattur

TEQIP-II Sponsored Mock Accreditation from 25.02.2015 to 26.02.2015 done by our mentor Dr.K.Sukesh Kumar and our BoG member Dr.P.K.Jeyadev



**STUDENT TRAINING PROGRAMMES**  
TEQIP-II Sponsored Two Days Student Workshop On " Konfident " from 07.07.2014 to 08.07.2014 Conducted by Department of Electrical and Electronics Engineering for second year Students.

TEQIP-II sponsored Five Days Student Workshop On "Solar Photovoltaic System Design, Installation and Maintenance" From 30.07.2014 To 03.08.2014 Conducted by Department of EEE for Final Year Students and Er.A.Vijayabalan, Director-Technical, Green Power Solar Systems Inc, Chennai explain about Solar Photovoltaic cell.





TEQIP-II Sponsored Two Days Student Workshop On "Testing and Circuit Debugging of Electronic Components" from 07.08.14 to 09.08.14 Conducted by Department of Electrical and Electronics Engineering for second year Students.

TEQIP-II Sponsored Two Days Student Workshop On "Testing and Circuit Debugging of Electronic Components" from 18.09.2014 to 19.09.2014 Conducted by Department of Electrical and Electronics Engineering for second year Students .



TEQIP-II sponsored two days student development programme on "Campus Placement Cracker" 09.07.2014 to 10.07.2014 organised by department of Electrical and Electronics Engineering for third year students.

TEQIP-II sponsored three days student workshop on "Power Electronics and Applications" organised by Electrical and Electronics Engineering for third year students.

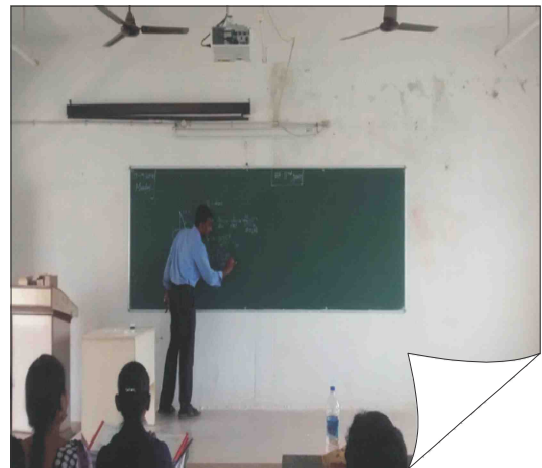






TEQIP-II sponsored two days student development programme on “Empower” from 11.07.2014 to 12.07.2014 organised by department of Electrical and Electronics Engineering for final year students.

TEQIP\_II sponsored three days student development programme on “Electric Circuit Theory-Gate Coaching” from 21.08.14 to 23.08.14 organised by department of Electrical and Electronics Engineering for final year students.



TEQIP-II sponsored three days student training programme on “Electro Magnetic Theory-GATE coaching” from 13.09.2014 to 15.09.2014 organised by department of Electrical and Electronics Engineering for final year students.

TEQIP-II sponsored two days student training programme on “Communication behaviour skill development” from 27-02-2015 to 28-02-2015 organised by department of Mechanical Engineering for second year students.





TEQIP-II sponsored two days workshop on “Innovative Technologies and Internal Combustion Engineering” from 19.07.2014 to 20.07.2014 organised by department of Mechanical Engineering for second year students.

TEQIP-II sponsored two days workshop on “Applied Hydraulics and pneumatics with applications” from 07.10.2014 to 08.10.2014 organised by department of Mechanical Engineering for third year students.



TEQIP-II Sponsored Two Days Student Workshop On "Konfident" from 07.07.2014 to 08.07.2014 Conducted by Department of Electronics and Communication Engineering for second Year Students.

TEQIP-II sponsored two days student training programme on “Campus Placement and crackers” from 23.07.2014 to 24.07.2014 organised by the department of Electronics And Communication Engineering for third year students.





TEQIP-II sponsored two days student development programme on “Analog System design using ASIC” from 10.10.2014 to 11.10.2014 organised by the department of Electronics and Communication Engineering for third year students.

Inaugural of association of ECE and technical QUIZ on 20.08.2014 organized by department of Electronics and Communication Engineering.



TEQIP-II sponsored two days student development programme on “Solistic communication skills Development programme based on LSRW Framework” from 25.07.2024 to 26.07.2014 organized by department of Electronics and Communication Engineering for final year students.

TEQIP-II sponsored two days student development programme on “Hands on training on low power microcontroller MSP430” from 8.10.2014 to 9.10.2014 organized by department of Electronics And Communication Engineering for final year students.







TEQIP-II sponsored two days student development programme on “Effective communication skills” from 11.10.2014 to 12.10.2014 organized by department of Computer Science and Engineering for first year students.

TEQIP-II sponsored three days student development programme on “Effective Communication skill” from 27.09.2014 to 29.09.2014 organized by department of Computer Science and Engineering for second year students.



TEQIP-II sponsored three days student development programme on “Android Application” from 27.09.2014 to 29.09.2014 organized by department of Computer Science and Engineering for third year students.

C & Data structures from 18.08.14 to 19.08.14 organized by department of Computer Science and Engineering. Spoken tutorial workshop on “Linux” organized by IIT Bombay 26.08.2014 online training was organized by department of Computer Science and Engineering. Aspiration 2020-Infosys campus connect online coding contest 23.09.2014- CSE 197 students benefited online training was organized by department of Computer Science and Engineering. Webinar on "Careers in Information Security " by Mr.AnjaneyaSastry, Information Security Assurance Manager, Wipro 24.07.2014 (CII)- III & IV- organized by department of Computer Science and Engineering. Webinar on”From College to corporate” 30.07.2014 (CII)-All Department II year students benefited online training was organized by department of Computer Science and Engineering. CII Chennai Day event 21.08.2014)-All Department III year students Benefited online training was organized by department of Computer Science and Engineering.



TEQIP-II sponsored two days student development programme on “Modern Engineering role of Laser Photonics and Fibre Optics” from 07.11.2014 to 08.11 2014 for All Department I year students organized by department of physics.

TEQIP-II sponsored two days student development programme on “English Grammar and soft skills” from 07.02.2015 to 08.02.2015 organized by department of Computer Science and Engineering for first year students.



TEQIP-II sponsored two days student development programme on “IT integrated Management Services - ESCI,Hyd” from 27.02.2015 to 28.02.2015 organized by department of Computer Science and Engineering for second, third and final year students.

TEQIP-II sponsored two days student development programme on “Embedded system and Its Applications” from 13.03.2015 to 14.03.2015 organised by department of Computer Science and Engineering for second year students.







TEQIP-II sponsored three days student development programme on “IT Embedded management systems” from 08.03.2015 to 11.03.2015 organised by department of Computer Science and Engineering for final year students.

TEQIP-II sponsored two days student development programme on “MATLAB Programming- Pantech” from 29.01.2015 to 30.01.2015 organised by department of Electronics and Communication Engineering for second year students.



TEQIP-II sponsored two days student development programme on “Communication, soft skills and typical interview planner” from 09.01.2015 to 10.01.2015 organised by department of Electronics and Communication Engineering for final year students.

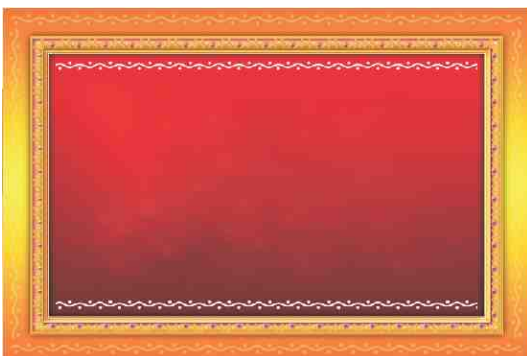
TEQIP-II sponsored one day workshop on “Outcome based accreditation” on 18.03.2015 organised by department of Electronics and Communication Engineering for first, second and third year students.





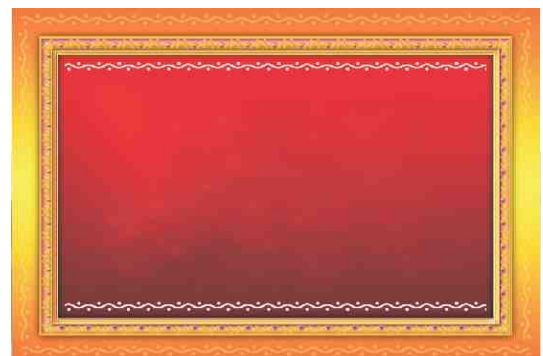
TEQIP-II sponsored two days student development programme on “System on chip design using ARM microcontrollers-esci,hyd” from 13.02.2015 to 14.02.2015 organised by department of Electrical and Electronics Engineering for final year students.

TEQIP-II sponsored two days student development programme on “DC machines and transformer – Gate Coaching- alpha beta solution” from 13.02.2015 to 14.02.2015 organised by department of Electrical and Electronics Engineering for second year students.



TEQIP-II sponsored two days student development programme on “Embedded Systems-ESCI,Hyd” from 13.02.2015 to 14.02.2015 organised by department of Electrical and Electronics Engineering for third year students.

TEQIP-II sponsored three days student development programme on “Design and modelling of Electrical and Electronics circuits using ORCAD and MATLAB” from 19.02.2015 to 21.02.2015 organised by department of Electrical and Electronics Engineering for final year students.





TEQIP-II sponsored two days student development programme on “STP on control Systems -Alpha Beta Solution” from 23.01.2015 to 24.01.2015 organised by department of Electrical and Electronics Engineering for final year students.

TEQIP-II sponsored two days student development programme on “Communication skill development” from 27.02.2015 to 28.02.2015 organised by department of Mechanical Engineering for first year students.



TEQIP-II sponsored two days student development programme on “Innovation Techniques in Thermal technologies” from 07.02.2015 to 08.02.2015 organised by department of Mechanical Engineering for second year students.

TEQIP-II sponsored two days student development programme on “C Programming for Mechanical Engineers - Insemi Tech, Bangalore” from 27.02.2015 to 28.02.2015 organised by department of Mechanical Engineering for second year students.





TEQIP-II sponsored two days student development programme on “VLSI–An introduction-pantech” from 08.01.2015 to 09.01.2015 organised by department of Electronics and Communication Engineering for third year students.

TEQIP-II sponsored two days student development programme on “3D Printing” from 06.03.2015 to 07.03.2015 organised by department of Mechanical Engineering for second year students.



TEQIP-II sponsored two days student development programme on “Role of foreign language in higher studies and engineering careers” from 13.02.2015 to 14.02.2015 organised by department of Mechanical Engineering for third year and final year students.

TEQIP-II sponsored two days student development programme on “Unmanned Aerial Vehicle-ESCI,Hyderabad” from 20.01.2015 to 21.02.2015 organised by department of Mechanical Engineering for second and final year students.







TEQIP-II sponsored two days student development programme on “Interdisciplinary workshop on Design and Development of Ornithopters - ESCI, Hyderabad” from 20.01.2015 to 21.02.2015 organised by department of Mechanical Engineering for third year students.

TEQIP-II sponsored four days student development programme on “Finite Element Methods” from 02.03.2015 to 05.03.2015 organised by department of Mechanical Engineering for third year students.



TEQIP-II sponsored two days student development programme on “Interdisciplinary Workshop on Additive Manufacturing” from 06.03.2015 to 07.03.2015 organised by department of Mechanical Engineering for third year students.

TEQIP-II sponsored two days student workshop on “Superconducting materials and its applications” from 21.02.2015 to 22.02.2015 – I YEAR MECH,EEE organized by department of Physics.





Two Days student's workshop on "YOU CAN BECOME AN IAS/IES" under TEQIP-II from 20.01.2015 to 21.01.2015 for third and final year students of all branches organized by Placement Cell of GCE, Bargur. Mr.S.DhakshnaMoorthy All India Civil Services Coaching Centre-Tamilnadu, is addressing the gathering.

TEQIP-II sponsored one day STP on "Gate Coaching (mock GATE)" on 23.01.2015 for all final year students.



TEQIP-II sponsored two days workshop on "Advanced Engineering Materials" from 18.04.2015 to 19.04.2015 – I YEAR CSE, EEE, MECH, CSE students organized by department of physics

TEQIP-II sponsored two days workshop on "Computer aided Manufacturing" from 26.07.2014 to 27.07.2014 organised by department of Mechanical Engineering.

TEQIP-II sponsored threedays workshop on "Total Quality Management" from 25.07.2014 to 27.07.2014- MECH IV year

TEQIP-II sponsored two days workshop on "PLC and automation" from 08.10.2014 to 09.10.2014- MECH IV year

### SEEE:

SEEE is conducted on 11.9.2014 by the resource person P. Chinnathambi, B.E., M.I.E, superintending Engineer,TANGEDCO to motivate the students as well as the lectures to improve their performance level. Totally twenty eight thousand nine hundred and sixty nine have been spent towards inauguration of SEEE during academic year 2014-2015.



### Workshop:

The workshop on embedded system programming conducted on 27.09.2014 by the resource person Mr.K.R.Kalaiselvan, senior software engineer, USA.



### Symposium:

The National level technical symposium ELECTRYONZ' 14 Organized by the department of Electrical and Electronics Engineering on 7th& 8th October 2014. Paper & project registration has been started earlier and follows the inauguration of the ELECTRYONZ' 14

## FDP ATTENDED OUTSIDE OF THE INSTITUTION

Title	Period	Person Attendant (Department)	Organised by
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
Training of Evaluators and Resource Person	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
International Conference on Industrial Electrical and Electronics Engineering	12.06.2014 to 14.06.2014	Prof.R.Sudha(EEE)	Organised by IRAJ Research at Darjeeling
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
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
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
Leadership in Engineering Education	04.07.2014	Prof.K.Subthra(Principal) Dr.M.Chandrasekaran (ECE-HOD) Dr.V.Thirunavukkarasu(ECE) Prof.P.Thirumal(Mech Prof.T.Govindan(Maths)	ESCI, Hyderabad
Renewable Energy for Rural Areas	14.07.2014 to 16.07.2014	Prof.R.Sudha(EEE) Prof.A.Thangaraj(EEE) Dr.I.Thangaraju(EEE) K.Mohan,AP/EEE	A,IIT Bombay
FDP on “Formulation of Research & Development Initiatives for Women Scientists and Technologists	21.07.2014 to 24.07.2014	Prof.S.Selvi(CSE) Prof.P.E.IrinDorathy(ECE)	ESCI, Hyderabad



Programme on “ Analog Flow”(ECE) Integrated Circuit Design Using CADENCE Analog Design	28.07.2014-01.08.2014	Prof.M.Elangovan(ECE)	EntupleTechnologies, Indiranagar, Bangalore
Programme on“ Technical Software for Alternate Energy Sources”(EEE)	11.08.14 – 16.08.14	Prof.V.Arivumani (EEE)	GCT, Coimbatore.
One day workshop on “Environmental Management Framework”	21.08.2014	Prof.T.Govindan(Maths)	Organised by SPFU in association with GCT,CoimbatoreinReside ncy,Coimbatore
Second National Conference on,”Sustainable Industry Institute Partership(SIIP)” , Organized by SEED,Chennai	25.08.2014- 26.08.2014	Dr.V.Thirunavukkarasu (ECE)	Organized by SEED, IIT Madras
Chennai Chapter Quality Circle Convention (CCQCC 2014)	06.09.2014- 07.09.2014	Prof.R.Sudha(EEE) Prof.M.Elangovan(ECE) Dr.I.Rahamathullah(Mech) Prof.CMT.Karthikeyan(CSE)	QCFI- Chennai Chapter, Rajalaksmi college of Engg,Chennai
QCFI- Chennai Chapter, Rajalaksmi college of Engg,Chennai	06.09.2014 to 07.09.2014	Dr.R.Kartika Devi(Eng)	Anna University , Chennai
First International Conference on DATA MINING – DMIN 2014	13.09.2014- 14.09.2014	Prof.S.Selvi(CSE)	Academy Industry Research Collaboration Centre, Bengaluru.
One week short term training program on “ Advanced Engineering Optimization through Intelligent Techniques		Dr.G.Saraswathy(Chem) Prof.R.Sudha(EEE) Prof.M.Sutha(Maths) Dr.G.Suchitra(ECE) Prof.A.Thangaraj(EEE) Prof.K.Mohan,AP(EEE) Prof.M.ArulKumar(ECE)	SV NIT ,Surat
Regional Work shop on “ Web based Student, Faculty and No Teaching Staff Satisfaction Survey”	22.09.2014	Dr.V.Tirunavukkarasu(ECE) Prof.C.SatheeshPandian (CSE)	MSRamaiahInstitute of Technology,Bangalore

Twodays workshop on Network Simulator (Ns2)	26.09.2014 to 27.09.2014	Prof.P.E.IrinDorathy(ECE)	National Engg College, Kovilpatti
Two days workshop on “Robots in Manufacturing Industry-2014”	26.09.2014 to 27.09.2014	Prof.D.Kulanthaivel(Mech)	Anna University , Chennai
AICTE sponsored short term course Teachers Effectiveness workshop	13.10.2014 to 17.10.2014	Prof.R.Sudha(EEE) Prof.Bhavani(EEE) Prof.M.Kavitha(ECE)	IIT , Chennai
Workshop on Quality Assurance Mechanisms	28.10.2014 to 30.10.2014	Prof.V.Arivumani (EEE) Dr.G.Suchitra(ECE) Prof.P.Natarajan(Mech) Prof.N.Jagadeeswari(CSE) Prof.K.Manogaran(ECE)	IIT,Chennai
Earthing practices in Electrical Installations	28.10.2014 to 30.10.2014	Prof.A.Thangaraj(EEE) Prof.Bhavani(EEE) Dr.I.Thangaraju(EEE) Prof.K.Mohan,(EEE)	ESCI, Hyderabad
Two days program on “Nanostructured materials: Processing and characterization”	07.11.2014 to 08.11.2014	Prof.R.Bakkiyaraj( Phy)	NIT, Trichy
Art of Teaching: Pedagogical tools and techniques series III	17-11-2014 to 21-11-2014	Prof.N.Jagadeeswari(CSE) Prof.D.Kulanthaivel(Mech) Prof.S.S.Selvi(CSE) Dr.Saravanan(Civil)	National Institute of Technology, Trichy
Twodays workshop on Wide Area Monitoring , Protection and control-novel solution using phasor measurement unit	27.11.2014 to 28.11.2014	Prof.R.Sudha(EEE)	CPRI , Bangalore
International Congress on Sensor Networks 2014	19.11.2014 to 21.11.2014	Dr.M.Chandrasekaran, HOD/Professor ( ECE	Holiday Inn Silom, Bangkok, Thailand
TEQIP-II sponsored short term course on "Scientific Computation and Documentation using Open Source Softwares (SCDOSS 2014)"	01.12.2014 to 05.12.2014	Dr.G.Saravanan(Civil) Prof.T.Govindan(Maths) Dr.I.Thangaraju(EEE) Prof.A.Thangaraj(EEE) Prof. Manogaran(ECE) Prof.Elangovan(ECE) Prof.Kulandaivel(Mech)	NIT, Durgapur
One day Workshop on “ Future trends in power metallurgy and sintering”	01.12.2014 to 02.12.2014	Dr.I.Rahamathullah(Mech)	IIT , Hyderabad
Programme on “Principles of Additive/Generative Manufacturing Technologies”	01.12.2014 to 05.12.2014	Prof.S.Sankar Ganesh(Mech) Prof.P.Natarajan(Mech)	IIT , Hyderabad

Programme on “Further Education Leadership Development Programme” ,	03.12.2014 to 05.12.2014	Dr.V.Thirunavukkarasu (ECE)	NITTTR, Chennai Organized by the UK-India Education and Research Initiative (UKIERI)
CIO Summit 2014- ‘Keeping pace with IT Security and Compliance’	05.12.2014	Prof.J.NafeesaBegum(CSE) Prof. B. Sivaranjini(CSE)	Hotel Hilton, Chennai
Placement Directors Conclave 2014" with the theme of Recruitment Trends 2015	05.12.2014	Dr.I.Rahamathullah(Mech)	Organised by ICTACT, Chennai at Chemmancherri, Chennai
Three days ISTE WPLP on” Forensic in civil engineering”	10.12.2014 to 12.12.2014	Dr.G.Saravanan(Civil)	Hotel Moscut, Trivandrum,Kerala
Threedays workshop on “Building World Class Institutions in India”	10.12.2014 to 12.12.2014	Dr.V.Thirunavukkarasu (ECE)	Organized by Edumatic Solutions Mahabalipuram, Chennai
One day workshop on “Research Methodology”	12.12.2014.	Prof.V.Arivumani(EEE) Prof.P.E.IrinDorathy( ECE) Prof.S.Selvi(CSE) Prof.M.Arulkumar(ECE) Prof. B. Sivaranjini(CSE)	Anna University,Chennai
Programme on “Education for sustainable Development”	51.12.2014 to 19.12.2014	Prof.Bhavani(EEE)	NITTTR, Chennai
Intensive training in“Computational Fluid Dynamics”	15.12.2014 to 19.12.2014	Dr.I.Rahamathullah(Mech) Prof.Kulandaivel(Mech)	VIT, Chennai
Ictact-Bridge 2014: Leadership Summit -2014	17.12.2014.	Prof.C.M.T.Karthigeyan (CSE)	Hotel Park Plaza, Salem
FDP on Cloud Computing and Services	22.12.2014 to 26.12.2014	Prof. B. Sivaranjini(CSE) Prof.N.Jagadeeswari(CSE)	Jayam College of Engineering and Technology, Dharmapuri
Two days workshop on “Smart grid and renewable energy sources”	08.01.2015 to 09.01.2015	Prof.Bhavani(EEE) Prof.R.Sudha(EEE)	CPRI,Bangalore
e- Lab Setup Initiative-Teachers Project Competition	22.01.2015	Dr.V.Thirunavukkarasu (ECE) Prof.K.Manogaran(ECE) Dr.I.Rahamathullah(Mech) Prof.CMT.Karthikeyan(CSE)	SonaCollege,Salem
Workshop on “Testing and Evaluation of DLNS complaint energy meters”	28.01.2015	Prof.Bhavani(EEE) Dr.I.Thangaraju(EEE) Prof.K.Mohan,(EEE)	CPRI,Bangalore

Programme on “Soil structure interaction : Computer Applications and material models”	19.01.2015 to 23.01.2015	Dr.G.Saravanan(Civil)	IIT,Gandinagar
One day programme on “Research Methodology”	22.01.2015 to 23.01.2015	Prof.R.Sudha(EEE) Prof.N.Jagadeeswari(CSE) Prof.K.Mohan,(EEE) Prof.M.Kavitha(ECE)	Anna University , Chennai
Programme on “Off shore Coastal and ship Structures.”	27.01.2015 to 31.01.2015	Dr.G.Saravanan(Civil)	IIT,Madras
Setting up incubator in Engineering Colleges.	04.02.2015	Dr.V.Thirunavukkarasu (ECE) Prof.CMT.Karthikeyan(CSE)	EDI,Chennai
National conference on “Emerging trends in communication and power System Techniques”	06.02.2015	Dr.I.Thangaraju(EEE)	Kaveri Engineering College
National level technical Symposium	10.02.2015	Dr.I.Thangaraju(EEE)	Pavai Engineering College,Namakal
International Conference on smart Materials.	11.02.2015 to 12.02.2015	Prof.R.Bakkiyaraj( Phy)	Sacred Heart College, Thirupattur
EMC Academic Partner Summit	12.02.2015	Prof.J.NafeesaBegum(CSE)	Hotel Le Royal Meridian,Chennai
Business incubators meeting for setting up of incubator in Engineering Colleges	13.02.2015	Dr.V.Thirunavukkarasu (ECE) Prof.CMT.Karthikeyan(CSE)	MSME-DI,Chennai
Teachers award for Engineering	13.02.2015	Prof.K.Subthra(Principal) Dr.M.Chandrasekaran (ECE-HOD) Prof.P.Thirumal(Mech) Prof.J.NafeesaBegum(CSE) Dr.I.Thangaraju(EEE) Prof.S.Selvi(CSE) Prof.M.Kavitha(ECE) Prof.S.AnanthaKumar(Mech)	Organi Mahendra Engineering College Namakkal
Quality Circle Convention Centre	14.02.2015	Prof.R.Sudha(EEE) Rajalaksmi	Engineering College,Chennai

National Conference on Parallel Computing Techniques	19.02.2015 to 20.02.2015	Prof. B. Sivaranjini(CSE)	IISc,Bangalore
International Conference on Engineering Technology and Science (ICETS'15)	05.03.2015 to 06.03.2015	Prof.R.Sudha(EEE)	Muthayammal College of Engineering, Rasipuram.
One day workshop on Cyber Security	13.03.2015	Prof.N.Jagadeeswari(CSE)	VIT,Vellore
TEQIP II Review meeting	23.01.2015	Prof.K.Subthra(Principal) Dr.V.Thirunavukkarasu (ECE) Prof.P.Thirumal(Mech)	DOTe,Chennai

### STAFF DEVELOPMENT PROGRAMME ATTENDED OUTSIDE THE INSTITUTION

Title	Period	Person Attendant	Organised by
Personality and Computer Competency Development	02.06.2014 to 04.06.2014	Mr.Soundararajan(EEE) Mr.Joseph Doss(ECE)	SEED in Hotel Gem Park , Udhamandalam
Capacity Building Training Programme	28.10.2014 to 03.11.2014	Mr.Dhanasekaran(Mech) Mr.Soundararajan(EEE) Mr.John Joseph Antony(CSE) Mr.Joseph Doss(ECE)	Shruth& Smith Foundation in Bengaluru
Programme on Emotional intelligence for performance Enhancement	27.11.2014 to 29.11.2014	Mr.Srinivasan(PA) Mr.Nehru(JA) Mr.Dhanasekaran(Mech) Mr.Soundararajan(EEE) Mr.John Joseph Antony(CSE) Mr.Joseph Doss(ECE)	SEED

ACADEMIC SUPPORT PROGRAMMES		
JAN2015-JUN2015		
S.NO	DEPT	NAME OF THE SUBJECT
1.	EEE	Discrete time system and signal processing
2.	EEE	Electrical machines-1
3.	EEE	Object Oriented Programming
4.	EEE	Design of Electrical machines
5.	EEE	Power system analysis
6.	EEE	Circuit Theory
7.	CSE	Computer Networks
8.	CSE	Programming and Data structure
9.	CSE	Advanced computer Architecture
10.	CSE	Networks Lab
		JUNE 2014 - DECEMBER 2014
1.	EEE	Electronic Devices And Circuits
2.	EEE	Digital Logic Circuits
3.	EEE	Electromagnetic Theory
4.	ECE	Transmission Lines And Waveguides
5.	CSE	Programming And Data Structure
6.	CSE	Java Programming
7.	CSE	Open Source Lab
8.	CSE	Digital Signal Processing
9.	MECH	Engineering Graphics
10.	MECH	Computer Programming
11	EEE	Computer Programming
12	ECE	Computer Programming
13	CSE	Computer Programming

### Accreditation Completed

EEE, ECE & CSE has applied for accreditation. The updated e-SAR was submitted on 22.08.2014 and the NBA team visited our college from 15.05.2015 to 17.05.2015

### Finance Audit completed for TEQIP-II

Finance Audit for the period April 2014 to Sep 2014 was completed on 26th- 27th Nov 2014 for TEQIP-II

### First Year Transition Rate improved

Following is appreciation letter given by commissioner of technical education for improvement in first year transition rate

Transition rate (Pass % of First Year who have passed in all subjects in First attempt) got improved because of Academic support and the wholehearted cooperation of the entire Faculty, With reference to the data entered in the Management Information System (eMIS), the transition rate for the four years 2010-11, 2011-12, 2012-13 and 2013-14 for the TEQIP Institutions is found to be as follows.

### Transition Rate Of All Students From The First Year To The Second Year Of Under Graduate Study ( %)

S. NO	Name Of The Institution	2010-11	2011-12	2012-13	2013-14
1.	GCT Coimbatore	73.66	76.55	67.06	68.35
2.	ACCET Karaikudo	60.76	69.38	63.48	65.23
3.	GCE Salem	99.77	98.67	72.23	53.47
4.	GCE Bargur	99.77	98.67	72.23	53.47
5.	PSG Tech Coimbatore	63.28	61.7	58.04	58.04
6.	CIT Coimbatore 64.3	67.63	62.96	51.96	
7.	TCE Madurai	36.54	13.53	25.89	36.18

### Transition Rate Of All Students From disadvantaged backgrounds from the first year to second year of Undergraduate Study (%)

S. NO	Name Of The Institution	2010-11	2011-12	2012-13	2013-14
1.	GCT Coimbatore	74.49	76.2	66.61	67.31
2.	ACCET Karaikudo	78.17	69.47	63.55	64.12
3.	GCE Salem	99.77	98.22	71.85	52.63
4.	GCE Bargur	88.5	63.77	74.31	81.46
5.	PSG Tech Coimbatore	61.5	59.96	56.85	56.74
6.	CIT Coimbatore	64.3	67.41	62.79	50.43
7.	TCE Madurai	39.84	14.23	28.15	40.3
8.	BIT Trichy	55.65	54.54	44.5	53.81

**From the data in MIS, the progress of the transition rate for the year 2013-14 of the TEQIP Institutions is as follows:**

### Satisfactory Progress



1. Government College of Engineering, Bargur

### Moderately Satisfactory Progress



1. Government College of technology, Coimbatore
2. Alagappa chettiar college of Engineering & Technology, Karaikudi
3. PSG College of Technology, Coimbatore
4. Bharathidasan Institute of Technology, Trichy

### Unsatisfactory Progress



1. Government College of Engineering, Salem
2. Coimbatore Institute of Technology, Coimbatore
3. Thiagarajar College of Engineering, Madurai



## E-YANTRA LAB SETUP INITIATIVE (E-LSI)

e-YANTRA Robotics Lab was inaugurated at GCE,Bargur by the Principal in the presence of HODs from the various department(ECE,EEE,MECH and CSE) and students on 22.01.2015.This was remotely co-ordinated and visualized by the organizers from IIT,Bombay.



## e-YANTRA Robotics Teacher's competition-2015

Every year IIT Bombay conducts e-YANTRA robotics teacher competition(eyrtc) with different tasks .The title for the year 2015 was'valet parking robot'. Zonal level competition was conducted at Sona College of Engineering, Salem on 22.1.2015. Faculties from 16 colleges actively participated in this competition. From Government College of Engineering, Bargur, a team of four members under the leadership of Dr.V.Thirunavukkarasu participated in the event. The team won the first prize and in all India finalthe team won special prize.



## RESEARCH AND PUBLICATION DETAILS

### Ph.D Newly Registered

1. Prof.K.Manogaran,AP/ECE
2. Prof.A.Thangaraj ,AP/EEE
3. Prof.S.Sankarganesh ,AP/MECH
4. Prof.P.natarajan ,AP/MECH
5. Prof.B.Sivaranjani ,AP/CSE
6. Prof.S.Selvi ,AP/CSE
7. Prof.N.jagadeeswari ,AP/CSE

### New PH.D Guide ship

1. Dr.G.Suchitra ,AP/ECE
2. Dr.I.Rahamathulleh ,AP/MECH

## PUBLICATIONS OF FACULTY

1. Nafeesa Begum, "Symmetric Polynomial and GECDH based Hierarchical Access Control using Dual Encryption Scheme", 7th IETE IConRFW-2014 to held at HKBK College of Engg., Bangalore, Karnataka from 8 - 10 May 2014 .
2. Nafeesa Begum .J "Two tier protocol for hierarchical access control in medical image transmission 2014 International Conference on Computing for Sustainable Global Development (INDIACom), Date of Conference: 5-7 March 2014 ,Page(s): 769 - 775 ,Print ISBN: 978-93-80544-10-6 ,Conference Location : New Delhi, India , Digital Object Identifier : 10.1109/IndiaCom.2014.6828067( indexed in IEEE Explore)
3. Paper titled "Implementing Hierarchical Access control in Organizations using Symmetric Polynomials and tree based Group Diffie Hellman Scheme " published in proceedings of 18th International Conference on Computers, Advances in Information Science and Applications – Vol II-by Prof.J.Nafeesa Begum(CSE)
4. Paper titled "A stateless Variable Bandwidth Queueing Algorithm for enhancing quality of service" published in proceedings of 18th International Conference on Computers, Advances in Information Science and Applications – Vol II-by Prof.C.Satheesh Pandian(CSE)
5. Paper titled "Analysis of Indoor Air Quality and PMV-PPD model in Dynamic Conditioned Car Cabin published in International Journal of Innovative Research in Science, Engineering and Technology" by Prof.P.Thirumal(Mech)
6. Paper titled "Mechanistic Approach for prediction of forces in micro drillings of plain and glass reinforced epoxy sheets " International Journal of Advanced Manufacturing Technology-Springer-by Prof.I.Rahamathullah(Mech).
7. Prof.S.Selvi , CSE Presented a Paper entitled "A Study on Computational Intelligence Techniques to Data Mining".In International Conference on Data Mining held in Academy Industry Research Collaboration Centre,Bengaluru on 13th&14th Sep 2014 .
8. Prof.B.Sivaranjani, CSE presented a paper in a Conference Organised by CDAC,Bangalore In IISc on 19.02.2015 and 20.02.2015.
9. Nafeesa Begum, J, Kumar, K & Sumathy, V 2014, " Hierarchical Access Control in Organizations using Software Agents ", International Journal of Science and Humanities , , Vol 1 , No.1 , February 2015 , pp. 235-252,Print :ISSN 2394 9236.
10. Prof.S.Sudha presented a paper titled "Modified Invasive Weed Optimization of Phasor Measurement Units" in International Conference on Engineering Technology and Science (ICETS' 15), 5 & 6 March 2015, in Muthayammal College of Engineering, Rasipuram.
11. Praveen Kumar, J. Nafeesa Begum, P. Thirumal (2015), "Application of Simultaneous Localization and Mapping (SLAM) for three +dimensional reconstruction through MAV platform " was presented in NAFEMS India Conference 2015 , held at Hotel Hilton ,Chennai during 8th February 2015.
12. Prof.M.Kavitha Published a paper titled "Low Leakage charge recycling power gating structure for CMOS VLSI Circuits" in Informacije MIDEM-Journal of Microelectronics, Electronic Components and Materials. March 2015, ISSN 2232-6979(online), ISSN 0352-9045(Printed), Impact Factor-0.369.

13. Prof.P.E.Irin Dorathy&Dr.M.Chandrasekaran presented a Paper titled “Secure Routing protocols for Mobile Ad Hoc networks: A Survey “in the International Conference on Recent Advances in Science & Engineering (ICRASE-2015) Organized by Institute for studies on Recent Advances in Science & Engineering at Hotel Magaji Orchid on 09.05.2015
14. Dr.M.Chandrasekaran presented a Paper titled “An improved Cluster based Routing Protocol with Backup Cluster head for MANET “in the International Conference on Innovative and Emerging Trends in Engineering And Technology (NCIETET-2015) Organized by Panimalar Institute of Technology, Chennai 14.05.2015 .

## Funded Project

Department of mechanical received research from DST-SERB has sanctioned Rs.25.26 lakhs for the project titled " Studies on Development of an Integrated Approach for Rapid Modelling of Annular combustor for Aero Gas turbines".

## Graduate Aptitude Test in Engineering-2015

The following students of GCE bargur have received valid GATE score in GATE 2015 and joined in reputed institutions for higher studies. The Principal congratulated the students

NAME	MARKS	RANK
P.ARAVINDH SINGH/ECE	390	13956
B.MOHANRAJ/ECE	404	12451
R.RAMESH/EEE	375	10873

# PLACEMENT DTAILS



M.Rakesh  
Zoho (On campus)



K.Nithyanandan  
MindTree (Amcat)



S.Sudharsan  
Mphasis (Amcat)



J.John Peter  
IVTL Infoview (On campus)



R.Priya IVTL  
Infoview (On campus)



N.R.Induja  
Infosys  
(Anna Univ Off campus)



V.Anitha  
CTS (Anna Univ Off campus)



A.Akshaya  
Focus academy (On campus)



R.Priyadharshini  
Wipro (Anna Univ Off campus)



SHERIN SALU/  
MINDTREE & IBM



GNANAJOTHIJ/ CTS



DINESH KUMAR S/  
SANEMI TECHNOLOGIES



TONY NIRMAL RAJ S/  
SANEMI TECHNOLOGIES



THIRUPATHI T /  
SANEMI TECHNOLOGIES



MOHAN P/  
SANEMI TECHNOLOGIES



# STUDENT'S ACHIEVEMENTS



DURAI RAJ P/  
SANEMI TECHNOLOGIES



MONISHA K  
SANEMI TECHNOLOGIES



SANMUGA PRIYA S/  
SANEMI TECHNOLOGIES



SHANTHI DEVI/ WIPRO



LAVANYA P/ TRADING &  
MARKETING COMPANY



K. Yuvaraj/CTS &TCS



S.Parimala/ MindTree



A.Karthiga/  
Aricent Technologies



S. Duraimani  
TCS



J.George  
PrincelinInfoView Technology



K.Aruna  
Info View Technology



R.Jeevitha  
infoView Technology



Mechanical  
C.Lokesh/Info View

## STUDENT'S ACHIEVEMENTS

S.No	Name	Department Class/Year	Name of College	Events	Prizes
1.	S.SUGUNYA	ECE/III YR	ADHIYAMAAN COLLEGE OF ENGG,HOSUR	PAPER PRESENTATION	I
2.	A.SUMALATHA	ECE/III YR	ADHIYAMAAN COLLEGE OF ENGG,HOSUR	PAPER PRESENTATION	I
3.	VARSHA BALARAMAN	ECE/III YR	NARASUS SARATHY INSTITUTE OF TECHNOLOGY, SALEM	PAPER PRESENTATION	II
4.	V. SRI DEVI LAKSHMI	ECE/III YR	NARASUS SARATHY INSTITUTE OF TECHNOLOGY, SALEM	PAPER PRESENTATION	II
5.	S.PRIYA	ECE/III YR	NARASUS SARATHY INSTITUTE OF TECHNOLOGY, SALEM	FIND YOUR DESTINATION	II
6.	K.SOBANA	ECE/III YR	NARASUS SARATHY INSTITUTE OF TECHNOLOGY SALEM	FIND YOUR DESTINATION	II
7.	S.PRIYA	ECE/III YR	GOVERNMENT COLLEGE OF ENGG SALEM	QUIZ	II
8.	K.SAKTHIPRIYA	ECE/III YR	GOVERNMENT COLLEGE OF ENGG, SALEM	MICROPROCESSOR	II
9.	K.SAKTHIPRIYA	ECE/III YR	GOVERNMENT COLLEGE OF ENGG,SALEM	MARKETING	I
10.	S.RUKSANA	ECE/III YR	GOVERNMENT COLLEGE OF ENGG, SALEM	TREASURE HUNT	I
11.	JENITHA ANTONY	EEE/II YR	ADHIYAMAAN COLLEGE OF ENGG, HOSUR	PAPER PRESENTATION	II
12.	ANUSHREYA NAG	EEE/II YR	ADHIYAMAAN COLLEGE OF ENGG, HOSUR	PAPER PRESENTATION	II
13.	J.JENITHA	EEE/II YR	THANTHAI PERIYAR GOVT INSTITUTE OF TECHNOLOGY, VELLORE	PAPER PRESENTATION	II
14.	J.RAMDAL	EEE/II YR	QUALITY CIRCLE FORUM OF INDIA	TEZAMENZ	III
15.	P.MURALI PRASATH	EEE/II YR	QUALITY CIRCLE FORUM OF INDIA	TEZAMENZ	III

16.	P.VIZHIVANDAN	EEE/II YR	QUALITY CIRCLE FORUM OF INDIA	TEZAMENZ	III
17.	M.SUBHA	EEE/III YR	PAAVAI COLLEGE OF TECHNOLOGY,SALEM	PAPER PRESENTATION	III
18.	S.SANGEETHA	EEE/III YR	PAAVAI COLLEGE OF TECHNOLOGY,SALEM	PAPER PRESENTATION	III
19.	M.MANJU	EEE/III YR	BHARATHIDASAN ENGINEERING COLLEGE, NAATRAMPALLI	PAPER PRESENTATION	I
20.	J.LOGESHWARI	EEE/III YR	BHARATHIDASAN ENGINEERING COLLEGE, NAATRAMPALLI	PAPER PRESENTATION	I
21.	I.INDHUMATHI	EEE/III YR	BHARATHIDASAN ENGINEERING COLLEGE, NAATRAMPALLI	CIRCUIT DEBUGGING	III
22.	PREETHI	EEE/III YR	MAHENDRA ENGINEERING COLLEGE, NAMAKKAL	QUIZ	I
23.	S.DIVYA	EEE/III YR	MAHENDRA ENGINEERING COLLEGE, NAMAKKAL	QUIZ	II
24.	J.GNANAJOTHI M.KOHILA S.VANITHA	EEE/IV YR	SELECTED BY MOTOROLO	MAIN PROJECT	-
25.	A.LAL CASTRO	CSE/IV YR	GNANAMANI COLLEGE OF TECHNOLOGY	PAPER PRESENTATION	II
26.	M.RAKESH	CSE/IV YR	SNS COLLEGE OF ENGINEERING	PAPER PRESENTATION	I
27.	K.NITHYANANTHAN	CSE/IV YR	SNS COLLEGE OF ENGINEERING	PAPER PRESENTATION	I
28.	S.KANNAN	CSE/IV YR	GNANAMANI COLLEGE OF TECHNOLOGY	PAPER PRESENTATION	II
29.	R.VINOTHKUMAR	CSE/IV YR	PSV COLLEGE OF ENGG.,-KRISHNAGIRI	PAPER PRESENTATION	II
30.	R.VINOTHKUMAR	CSE/IV YR	BHARATHIDASAN ENGG COLLEGE, NATRAMPALLI	CINEMATOGRAPHY	III



31.	R.VINOTHKUMAR	CSE/IV YR	BHARATHIDASAN ENGG COLLEGE., NATRAMPALLI	WEB DESIGNING	I
32.	R.VINOTHKUMAR	CSE/IV YR	UNIVERSITY COLLEGE OF ENGG., RAMANATHAPURAM	MULTIMEDIA	I
33.	R.VINOTHKUMAR	CSE/IV YR	UNIVERSITY COLLEGE OF ENGG.,RAMANATHAPURAM	PING PONG	II
34.	R.VINOTHKUMAR	CSE/IV YR	UNIVERSITY COLLEGE OF ENGG.,RAMANATHAPURAM	DEBUGGING	I
35.	R.VINOTHKUMAR	CSE/IV YR	Er.PERUMAL MANIMEGALAI COLLEGE OF ENGG.,-HOSUR	TREASUREHUNT	II
36.	V.ANU RATCHANA	CSE/IIIR	AVS ENGG COLLEGE –SALEM	PAPER PRESENTATION	I
37.	V.ANU RATCHANA	CSE/IIIR	GOVT. COLLEGE OF ENGG.,-SALEM	PAPER PRESENTATION	II
38.	K.BAVYA	CSE/IIIR	GOVT. COLLEGE OF ENGG.,-SALEM	PAPER PRESENTATION	II
39.	K.BAVYA	CSE/IIIR	AVS ENGG COLLEGE –SALEM	PAPER PRESENTATION	I
40.	T. MANIVANNAN	CSE/III	YRJAYAM ENGG COLLEGE -DHARMAPURI	PAPER PRESENTATION	II
41.	S.KARTHIKEYAN	CSE/IIIR	JAYAM ENGG COLLEGE -DHARMAPURI	PAPER PRESENTATION	II
42.	T.MANIVANNAN	CSE/IIIR	GOVT. COLLEGE OF ENGG.,-SALEM	PAPER PRESENTATION	I
43.	S.KARTHIKEYAN	CSE/IIIR	GOVT. COLLEGE OF ENGG.,-SALEM	PAPER PRESENTATION	I
44.	R.M.RAJKAMAL	MECH/IIIR	ANJALAI AMMAL MAHALINGAM ENGINEERING COLLEGE-KOVELVENNI	PAPER PRESENTATION	I
45.	S.SATHISH	MECH/IIIR	ANJALAI AMMAL MAHALINGAM ENGINEERING COLLEGE-KOVELVENNI	PAPER PRESENTATION	I
46.	S.SATHISH	MECH/IIIR	PODHIGAI COLLEGE OF ENGG.,-THIRUPATHUR	CADD MODELLING	II
47.	S.MANI	MECH/IIIR	PODHIGAI COLLEGE OF ENGG.,-THIRUPATHUR	CADD MODELLING	II
48.	S.SATHISH	MECH/IIIR	PODHIGAI COLLEGE OF ENGG.,-THIRUPATHUR	PAPER PRESENTATION	II
49.	S.MANI	MECH/IIIR	PODHIGAI COLLEGE OF ENGG.,-THIRUPATHUR	PAPER PRESENTATION	II
50.	P.MUTHUKUMARAN	ECE/EEE/ MECH/CSE	SENGUNTHAR COLLEGE OF ENGINEERING, ERODE	KHO-KHO	II

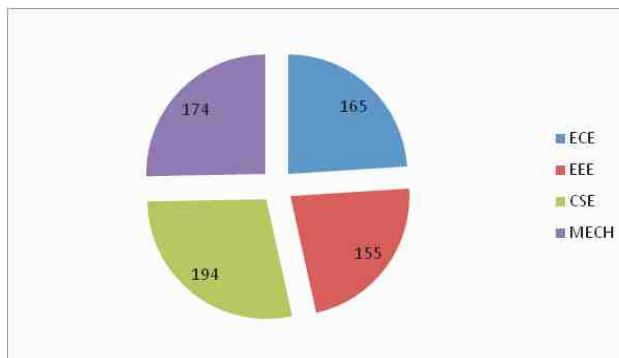
## INDUSTRIAL VISIT DETAILS :

Department	Year	Company	Place	No.of Students
ECE	III	Tamilnadu Agricultural research centre	Paiyoor,Krishnagiri.	56
EEE	III	Power station	Hosur,Krishnagiri.	60
EEE	IV	Power station & Windmill	Koodangulam,	55
CSE	III	Chip Software	Kochin, Kerela	55
CSE	IV	Chip Software	Kochin, Kerela	58

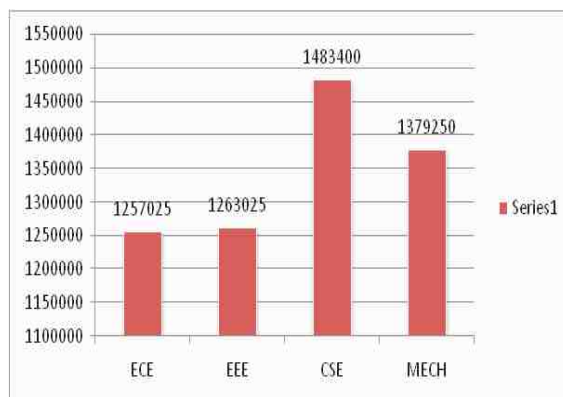
## SCHOLARSHIP DETAILS (2014-2015)

The students are receiving various scholarships from the government of Tamil Nadu. The details of number of students receiving scholarships from various departments and total amount received are given below.

## DEPARTMENT VS NO. OF STUDENTS:



## DEPARTMENT VS SCHOLARSHIP AMOUNT:



## TEACHING LEARNING CENTRE (TLC)

Teaching learning centre (TLC) of GCE Bargur, was established on 10th July 2014, as an independent academic unit, with few committed teachers from different departments. The main aim of this centre is to share and learn new and innovative teaching-learning practices used by them or followed by others, with the view of improving the transition rate and communication skills of students. The members of TLC are meeting each other, at the Teaching Learning Centre (1st floor of library block), at least once in a month and discussing various issues related to teaching-learning processes. TLC has also arranged number of all faculty meetings to share innovative teaching methodologies. Faculty members, particularly guest lecturers (GL) from various departments, have gained good amount of knowledge and honed their skills to a greater level of teaching. The list of active core-committee members are attached as below.

Name	Designation	Core – committee
Dr. I. Rahamathullah	Asst. Prof./Mech	Team leader & Member
Mr. CMT Karthikeyan	Asst. Prof./CSE	Member
Mr. C. Satheesh Pandian	Asst. Prof./CSE	Member
Mr. M. Elangovan	Asst. Prof./ECE	Member
Dr. G. Suchitra	Asst. Prof./ECE	Member
Ms. M. Bhavani	Asst. Prof./EEE	Member
Ms. R. Sudha	Asst. Prof./EEE	Member
Mr. S. Sankar Ganesh	Asst. Prof./Mech	Member

Teachers Award in Engineering was jointly presented by  
Staffordshire University,  
UK and Education matters for getting University Ranks.



### GCEB Staff Club

GCEB staff club was started on 12th March 2015, which makes a good interaction and keeps a link among the faculty members from different department of our institution, through GCEB staff club birthdays, marriage days of faculty members were celebrated.



## ENJERUZ - 2015

The Women's day ENJERUZ- 2015 was celebrated on 8th March 2015. "REENA BENGARI" –Associate Vice President of NESS Technologies invited as chief guest .girls students of GCE bargur organized a cookery show, from which they collected 20000 and donated to BLIND SCHOOL – Bargur .Various competitions like essay writing, singing, speech and dance were conducted and prizes were distributed by the respective chief guest.





## **NSS ACTIVITIES**

### **BLOOD DONATION CAMP**

In our college there was a blood donation camp conducted on 11.03.2015. Students from all departments got participated in this camp.



### **YOGA CAMP**

In our college there was a yoga camp conducted on 15.04.2015. Students from all departments got participated in this camp.





## LIBRARY DETAILS

S.No	Description		No .of copies Available
1	SCIENCE AND HUMANITIES	No. Of .Title Of Books No .Of .Volume Of Books	2000 4000
2	ENGINEERING	No. Of .Title Of Books No .Of .Volume Of Books	8000 16306
3	BOOK BANK	No. Of .Title Of Books No .Of .Volume Of Books	6000 1235
4	CD ROMS	CD ROMS Containing Subject Content	128
5	JOURNALS AND MAGAZINES	EEE  International Journal  National Journal	14  18  34

**12thBoG meeting was conducted on 20-03-2015**



**Mentors 5th visit for TEQIP-II institutional progress monitoring was held in January 2015**



## CONFERENCE HALL INAUGURATION

Conference hall was inaugurated by our mentor Dr.K.Sukesh Kumar



## PLACEMENT CELL INAUGURATION

Placement cell was inaugurated by Dr.P.M.Kavimani-our Additional Director of Technical Education and BoG Members



## **NEW COMMON COMPUTER LAB UNDER TEQIP-II**



## **NEW HOSTEL FOR WOMEN**



## **GREEN CAMPUS- TREE PLANTATION**



# GCE BARGUR VISION 2020

## Objectives of VISION 2020

~~Get~~ting NBA accreditation  
~~Cre~~ating Center of Excellence  
~~Im~~prove R&D and consultancy practices  
~~Im~~prove placement & Higher studies  
~~New~~ PG programmes  
~~M~~E. Communication Systems  
~~M~~E. Computer Science and Engineering  
~~M~~E. Cyber Security  
~~M~~E. Electrical Drives and Embedded Control  
~~M~~E. Renewable Energy  
~~M~~E. Thermal Engineering  
~~M~~E. Manufacturing Engineering

## New Lab to be Established :

~~Ad~~vanced Communication Systems lab(ECE)  
~~Im~~novative System Design Lab(ECE)  
~~S~~olar Energy Lab(EEE)  
~~W~~aste to Energy Conversion Technology Lab(EEE)  
~~C~~loud computing lab(CSE)  
~~B~~asic Automation lab(CSE)  
~~V~~irtual Cryptology lab(CSE)  
~~C~~ommunication technologies lab(CSE)  
~~A~~lternate Fuel Research Lab ( Mech )

## Creation of Center of Excellence

~~C~~entre of Excellence for VLSI Design  
~~C~~entre of Excellence for Robotics  
~~I~~nstrument Testing and Calibration Centre  
~~C~~oE in Cyber Technology and Information Security  
~~C~~oE in Special Electrical Drives and Renewable Energy  
~~C~~oE in Alternate Fuel Research  
~~C~~oE in Renewable energy for processing agro products  
~~C~~oE in Environmental Science and Engineering