

INITIAL GOVERNANCE DEVELOPMENT PLAN

This Governance development plan has been authorized by the Governing body in the 8th BOG meeting held on 15th march 2014

OUR COMMITMENT

Government College of Engineering, Bargur is one of the educational institutions developed by Government of Tamil Nadu, which was started in the year 1994 to cater to the needs of the nation in the development of technocrats and to provide facilities for educating and training men and women to meet the entrepreneurial and management needs. The Tamil Nadu Government has created adequate infrastructural facilities and sufficient funds and is keen on developing the institute for higher education.

OUR GOVERNANCE PLANNING AND DEVELOPMENT TEAM

S. No.	Name of Member of BoG	Qualifications and position in the current engagements	Position in the BoG
Chairperson			
01	Mr.K.MURUGAN	M.S(Manufacturing Management) MBA(finance)	CHAIRMAN
An Industrialist/ technologist /educationist from the Region to be nominated by the concerned Regional Committee as nominee of the Council, out of the panel approved by the Chairman of the Council.			
02	Dr.P.K.JAYADEV		Educationist
Nominee of the Affiliating Body/ University/ State Board of Technical Education. Nomination requested can be accepted – attach the request letter			
03	Dr.S.MARSHAL ANTONY University Nominee		
Nominee of the State Government- Director of Technical Education (ex-officio)			
04	PROF.P.M.KAVIMANI		State Govt. Nominee Additional Director, DOTE, (ex-officio)
An Industrialist/ technologist /educationist from the Region to be nominated by the State			

Government		
05	Mr.P.THANIKACHALAM	Industrialist
Principal/Director of the concerned technical institution.		
06	PROF.K.SUBATHRA, PRINCIPAL	Member-Secretary
Two faculty members to be nominated from amongst the staff by the Principal/Director.		
07	Dr.M.CHANDRASEKARAN, PROF./ECE (TEQIP – II Co-ordinator)	Senior Faculty
08	Dr.V.THIRUNAVUKKARASU, ASSO. PROF. / ECE (TEQIP – II Academic	Senior Faculty

**THE
STAKEHOLDERS**

The Stakeholders are the students admitted to the following four branches of Engineering:

- *Electrical and Electronics Engineering*
- *Electronics and Communication Engineering*
- *Computer Science and Engineering*
- *Mechanical Engineering*

Total Number of Students on Roll : 985

**TIME AND PLACE
FOR PLANNING**

Four BOG meetings are conducted every year. Meetings are organised by the Principal and the Member Secretary. The date and venue are fixed in consultation with the Chairman and other members of the BOG. Meetings are conducted at the Institution.

Seven BOG Meetings were conducted so far.

**DECISIONMAKING
FOR PLANNING AND
DEVELOPMENT**

A Pre BOG Meeting of HODs is conducted by the Principal. BOG Agenda is finalized by discussion.

The final agenda for the BOG Meeting is prepared and sent to All BOG members.

During the BOG Meeting, decisions are taken by discussing each agenda one by one.

Finally all the decisions are recorded in the minutes of meeting.

Minutes of BOG Meeting is uploaded in the website.

Our governance vision

Our governance vision for our future is ...

- *To provide world class engineers who are ethical and good citizens of our motherland.*
- *To groom the student community through learner centric quality lectures, laboratories, libraries and value added training.*
- *We, at Government College of Engineering, Bargur as a dedicated team committed to constantly work for the student's continual improvement in terms of Quality in Education, Updated Technical Knowledge, Personality Development and Career Advancement to meet the Challenges in the world.*

OUR ACTION PLAN

Action Plan of each department is given below

**ACTION PLAN OF
EEE**

1. *In the Department of EEE, faculty wants to specialize in Energy area.*
2. *Consultancy in harmonic analysis in industries and in other sectors to improve the power quality.*
3. *Research in improving the Power quality; Faculty training in Smart grids and its study; Renewable energy area; Distributed generation etc.*
4. *Field visits in smart grid, Renewable energy plants, Distributed generation, HVDC generation etc*
5. *To conduct National and International conferences etc*
6. *Consultancy in measuring leakage current in establishing Petrol Bunks.*
7. *To start PG Course in Energy Engineering.*

OUR RESOURCES

1. *Eight equipment are purchased in Renewable energy area under TEQIP-II.*
2. *New equipments are to be purchased in renewable energy area, Power Quality, etc;*
Faculty doing Research in Renewable Area and PG students
3. *For consultancy, **Power quality analyzer was already purchased.***
4. *Earth leakage resistance measurement unit to be purchased to start the consultancy in the measurement of leakage current in order to establish Petrol Bunks.*

OUR ACTION TAKEN

UG projects are done using the purchased equipment.

Faculty development training are done using all equipment

Consultancy started in harmonic study in industries using power quality analyzer.

Solar Panel purchased has been used to supply Power to class rooms in EEE block during 6.15 PM to 9.15 PM during Part time Classes.

OUR OUTCOMES

1. *UG Projects, PG projects, Research Publications in Renewable Area and energy sector.*
2. *Revenue generated (Rest 10,000) already ;to be continued in Power quality measurement*
3. *Research publications and patents in improving Power Quality*
4. *Revenue generation in Earth leakage current measurement to establish a petrol bunk.*
5. *Quality Engineers in Energy area.*

OUR ONGOING MONITORING

1. *Internal Reviews and internal audit by TEQIP cell officers*
2. *Project reviews by Commissioner of Technical Education once in six months*
3. *Performance assessment by Auditors yearly once*
4. *Finance audit once in six months*
5. *Separate Procurement audit done by NPIU*

DEPARTMENT OF CSE

ACTION PLAN

Department of CSE envisions being centers of excellence in the following:

- ❖ *Remote Infrastructure Management Services*
- ❖ *Cloud Computing*
- ❖ *Software Testing Centre facilitating development and testing of Software*
- ❖ *Communication Technologies.*
- ❖ *Cyber Security*

OUR RESOURCES

- ❖ *IBM rational Rose Software*
- ❖ *Communication Laboratory*
- ❖ *Anna EduSAT*
- ❖ *QEE project*
- ❖ *NPTEL material*

OUR ACTION TAKEN

- ❖ *Conducted Student Training Programs in Subject related areas like Remote Infrastructure management Services, Cyber Security, Information Security*
- ❖ *UG Project works of the students are done in this Areas like Remote Infrastructure Management Services, Communication Technologies.*
- ❖ Student Support Program on “Android Application Development ” was conducted with the support of M/s. PanTech Solutions.
- ❖ *EDUSAT Facility in Library providing online lectures for Database Base Management Systems and Compiler Design .*
- ❖ *QEE Class Room has been setup*
- ❖ *Campus Connect Program from Infosys is being conducted.*
- ❖ Initiative for STAR Scheme **(Standard Training Assessment and Reward)** across India The STAR scheme is an initiative to boost employability and productivity of youth by providing them monetary incentive to voluntarily join an approved skill training course that is certified by Sector Skill Councils.
- ❖ *Soft Skills Training Given to students for placement.*

OUR OUTCOMES

- ❖ *UG Project works of the students are done with support of Industries. Online training Via Skype has been provided for students undergoing RIMS Training.*
- ❖ *Papers are published by the Faculty in Conferences*

University Exam Results:

Year	Result Nov/Dec 2013
<i>I</i>	<i>32/55 (58.18%)</i>
<i>II</i>	<i>44/65 (70.97%)</i>
<i>III</i>	<i>54/ 64 (84.38%)</i>
<i>IV</i>	<i>51/65 (78.46%)</i>

CSE department students has secured four university Ranks in the Year 2012-2013

SI No	Name of student	CGPA	Rank (out of 4986 students)
<i>1</i>	Sathyarubini R	<i>8.93</i>	34
<i>2</i>	Gowri S	<i>8.9</i>	37
<i>3</i>	Silviya Rani J	<i>8.84</i>	43
<i>4</i>	Hemalatha P	<i>8.79</i>	48

**ACTION PLAN OF
MECHANICAL
ENGG**

- 1. In the Department of Mechanical Engineering, faculty wants to establish Fuel Research, CAD/CAM and Advanced Manufacturing facilities.*
- 2. Consultancy in fuel research and material testing in industries and in other institutions will be taken.*
- 3. Students will be trained in digital manufacturing and I.C engine research.*
- 4. Faculty members will be updated in subject domain and trained in pedagogy.*
- 5. To conduct National and International conferences etc.*
- 6. To start PG Course in Manufacturing and Thermal Engineering.*

OUR RESOURCES

- 1. I.C Engine research lab*
- 2. Material Testing Lab.*
- 3. CAD/CAM lab.*
- 4. CNC lab (Turning & Milling Centre)*
- 5. Metrology and Measurement lab.*
- 6. Mechatronics lab.*

ACTION TAKEN

- UG projects are done using the purchased equipment.*
- Faculty development training are done using all equipment*
- Consultancy started in fuel research and material testing.*
- Faculty members are publishing their research work in reputed international journals.*
- Research projects are under taken and applied for funds.*

OUR OUTCOMES

- 1. UG Projects, Research Publications in Mechanical Engineering; Particularly in the area of Thermal Engineering, Manufacturing Engineering*
- 2. Revenue generated (Rs.1.27 lakhs) already ;to be continued in future*
- 3. Research publications and U.G projects in the areas of thermal engineering& composite materials.*
- 4. 100% pass in the first batch (2009-2013)*
- 5. Two University rankings.*

OUR ONGOING MONITORING

- 1. Internal Reviews and internal audit by TEQIP cell officers*
- 2. Project reviews by Commissioner of Technical Education once in six months*
- 3. Performance assessment by Auditors yearly once*
- 4. Finance audit once in six months*
- 5. Separate Procurement audit done by NPIU*