

Government College of Engineering (GCE) is spread over a sprawling campus with calm surroundings, creating a fitting atmosphere for study. GCE Bargur provides a clean and invigorating environment conducive for higher education.

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. The college has been approved by the AICTE and the college intake is purely based on merit.

Government College of Engineering, Bargur has been granted autonomous status from the year 2017-18 to 2022-23 (six years)

Certifications:

GCE bargur Autonomy - UGC Letter

Anna University Syndicate Approval Letter

GCEB is affiliated to Anna University

Information regarding academic autonomy – Autonomous

MESSAGES

Message of BOG Chairman

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

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

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

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

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

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

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

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

VISION AND MISSION OF THE INSTITUTE

Vision of the Institute

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

Mission of the Institute

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

Message from Principal

I am very much pleased the second issue of annual report for the academic year, May 2018-June 2019. our institution has developed in different ways with the aid of TEQIP-III funds.

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



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

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

With all these programmes, our institution has scored good results in Anna University semester examinations during the academic year 2018-2019. I thank all our teaching faculty, non-teaching staff and administrative staff for their whole hearted support. In the forthcoming year also the same kind of dedication and hard work for the development of the institution and for the welfare of the students is expected from the members of faculty. I thank everyone who has contributed for the successful achievements of the previous academic year 2018-2019

Message from TEQIP Coordinator, GCE, BARGUR

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



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

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

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

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

-Bill Gates

Governing Council

Board of Governors – Chairman and List of members as per the UGC Guidelines 2018

Sl. No.	Category	Number	Nature	Name
1	Educationist, Industrialist, Professional	3 Members one of them to be Chairperson	Nominated by the State Government, persons of proven academic interest with at least PG level qualification	Chairman Mr.P. Balasubramani, Deputy Manager, BHEL Power Sector Southern Region, Chennai Mob: 99168 48859 Mail : baalas@bhel.in
2	Educationist, Industrialist, Professional			Member Mr. C.R. Durairaj, Chief Safety Officer, TITAN Industries Limited, 3, SIPCOT Industrial Complex, Hosur. Mob.: 94426 46025 Mail: durairaj@titan.co.in
3	Educationist, Industrialist, Professional			Member Mr.C. Devaraju, General Manager, District Industries Centre, Krishnagiri Mob.: 94440 37224 Mail: dickri2013@gmail.com
4.	Educationist	1 member	State Government Nominee	Additional Director (Exam), (Ex-Officio) Directorate of Technical Education, DOTE, Chennai

5	Finance officer	1 member	State Government Nominee	Financial Advisor and Chief Accounts Officer, (Ex-Officio) Directorate of Technical Education, DOTE, Chennai
6	Teachers of the College	2 members	Nominated by the Principal on seniority by rotation.	Dr.P.K. Palani Professor / Dept. of Mechanical Engg., Government College of Engineering, Bargur 635 104 Mob.: 94863 84852 Mail: pkpalaniku@gmail.com
7				Dr. Nishat Kanvel Professor / Dept. of EEE, Government College of Engineering, Bargur 635 104 Mob.: 94428 97329 Mail: nishatkanvel@yahoo.com
8	Educationist or industrialist	1 member	Nominated by the Principal for two years	M. Balaji, M.E. Technical Director, Frontline Electronics Pvt. Ltd.,Salem Mobile : 94432 34348 Mail : feplbalaji@gmail.com
9	UGC Nominee	1 member	Nominated by UGC	Prof. Varadachariar Kannan, Dept. of Mathematics, University of Hyderabad, Hyderabad 500 046 Mob.: 099 491 93737 Mail: vksm@uohyd.ernet.in

10	University Professor	1 member	Nominated by the University	<p>Dr.J. Prakash Professor, Dept. of Instrumentation Engineering, MIT Campus, Anna University, Chennai 600 044 Mob.: 96000 79113 Mail: prakait@gmail.com</p>
11	Principal of College	1 member	Ex-Officio	<p>Dr.M.Chandrasekaran, Principal, Government College of Engineering, Bargur 635 104 Mob.: 94425 66101 Mail: principal503@gmail.com</p>

In addition to the above members, one member may be invited as a special invitee from the TEQIP Twinning partner – Bineshwar Brahma Engineering College, Kokrajhar, Assam

Organisation Structure

Nodal Officers and Sub committee members details:

Activity	Nodal Officer	Sub Committee members
Procurement	Prof. T. Govindhan, Asst Prof.	Dr.I.Thangaraju,Asst Prof.
Finance	Prof. J. Nafeesa Begum, Asst Prof.	Prof. S. Selvi, Asst Prof.
Academic	Prof. P. Thirumal, Asst Prof.	Prof. M.Elangovan, Asst Prof.
Equity	Prof. P.E.Irin Dorathy, Asst Prof.	Prof. S. Anandhakumar, Asst Prof
Industry Institute Interaction	Prof.CMT.Karthikeyan,Asst Prof.	Prof.D.Kulandaivel,Asst Prof Prof.A.Thangaraj,Asst Prof Prof.K.Manogaran,Asst Prof. Prof.Sivarangini,Asst Prof.
MIS	-	Mr.Kumar

Information regarding NBA Accreditation:

Accredited : ECE,EEE,CSE

Applied for : MECH

Programmes offered (UG,PG,PhD) by GCEB:

UG(Full time): EEE,ECE,MECH,CSE

UG(Part time) : EEE

PG(Full time) : EEE (Power Elsectronics and drives)

ECE (Applied Electronics)

CSE (Computer Science and Engineering)

Student strength (UG,PG,PhD) Santioned Intake, Actual Intake category wise and Genderwise

PROGRAMME	COURSE NAME	SANCTIONED INTAKE	ACTUAL INTAKE		GENDER WISE	
UG	B.E(CSE)	60	I YEAR	53	BOYS	24
					GIRLS	29
			II YEAR	57	BOYS	30
					GIRLS	27
			III YEAR	62	BOYS	30
					GIRLS	32
	IV YEAR	64	BOYS	20		
			GIRLS	44		
	B.E(ECE)	60	I YEAR	52	BOYS	23
					GIRLS	29
			II YEAR	54	BOYS	19
					GIRLS	35
			III YEAR	44	BOYS	17
					GIRLS	27
	IV YEAR	68	BOYS	26		
			GIRLS	42		
	B.E(EEE)	60	I YEAR	57	BOYS	32
					GIRLS	25
II YEAR			59	BOYS	30	
				GIRLS	29	
III YEAR			66	BOYS	38	
				GIRLS	28	

			IV YEAR	51	BOYS	24
			GIRLS		27	
	B.E(MECH)	60	I YEAR	55	BOYS	55
					GIRLS	0
			II YEAR	59	BOYS	58
					GIRLS	1
			III YEAR	52	BOYS	0
					GIRLS	52
			IV YEAR	55	BOYS	4
					GIRLS	51

Faculty and Staff Positions Sanctioned Intake and Actually filled (Regular and Contract)

UG PROGRAMMES- TEACHING POSTs

Department	POSTS ALREADY SANCTIONED				Total
	Professor	Associate Professor	Assistant Professor	Others	
CIVIL			1	0	1
Mechanical	1	3	10	0	14
EEE	1	3	10	0	14
ECE	1	3	10	0	14
CSE	1	3	10	0	14
English	0	1	1	0	2
Mathematics	0	1	4	0	5
Physics	0	1	3	0	4
Chemistry	0	1	3	0	4
Principal	0	0	0	1	1
Librarian	0	0	0	1	1
Physical Director	0	0	0	1	1
					75

UG PROGRAMMES- TEACHING POSTs

Department	POSTS ACTUALLY FILLED				Total
	Professor	Associate Professor	Assistant Professor	Others	
CIVIL			0	0	0
Mechanical			0	0	0
EEE			0	0	0
ECE			0	0	0
CSE			0	0	0
English	0			0	
Mathematics	0			0	
Physics	0	0	2	0	2
Chemistry	0			0	
Principal	0	0	0	1	1
Librarian	0	0	0	1	1
Physical Director	0	0	0	1	1
					75

PG PROGRAMMES- TEACHING POSTs

Department	POSTS ALREADY SANCTIONED				Total
	Professor	Associate Professor	Assistant Professor	Others	
EEE	1	1	1	0	3
ECE	1	1	1	0	3
CSE	1	1	1	0	3
					9

Training Programmes held for students

Sl.No.	Training Programme name	Department name	Period
1	Workshop for ICT tool	CSE	20.06.2018 and 21.06.2018
2	Seminar Conducting on CSE - Overcome Isolation in Distance Learning- Opportunities for Studies	CSE	27.07.2018
3	Workshop Training on ECE-Aptitude	ECE	07.08.2018 to 08.08.2018
4	Workshop Training on CSE-Hands-on training on Advanced JAVA Programming	CSE	07.08.2018 to 11.08.2018
5	Workshop Training on CSE-C Programming for Placement	CSE	11.08.2018 to 12.08.2018
6	Workshop Training on CSE-Soft Skill Training	CSE	11.08.2018 to 12.08.2018
7	Induction Programme on First Year B.E Students		11.08.2018 to 02.09.2019
8	Placement training on Final Year Students - Placement Crackers – TCS Ninja		20.08.2018 & 30.08.2018 to 31.08.2018
9	Workshop Training on CSE -Aptitude, Personality and Soft Skill	CSE	04.09.2018 to 09.09.2018
10	Workshop Training on CSE - Web Programming with PHP	CSE	06.09.2018 to 08.09.2018
11	Workshop Training on MECH-Recent Trends in Renewable Energy	MECH	07.09.2018 to 08.09.2018

12	Workshop Training on MECH-Advancement in Heat Transfer	MECH	14.09.2018 to 15.09.2018
13	Workshop Training on ECE - Entrepreneurial Opportunities	ECE	17.09.2018 to 18.09.2018
14	Workshop Training on ECE - Computer Hardware Interfacing and Troubleshooting	ECE	19.09.2018 to 20.09.2018
15	GCEB Faculty and Students Participated & Presented National Seminar at BBEC, Kokrajhar -Application of Tools in Science and Technology		21.09.2018 to 22.09.2018
16	Workshop Training on ECE - Programming With ARDUINO	ECE	24.09.2018 to 25.09.2018
17	Workshop Training on ECE -Digital Communication With SDR	ECE	25.09.2018
18	Workshop Training on ECE - Wireless Communication With SDR	ECE	26.09.2018
19	Workshop Training on ECE - Hands on Digital Storage Oscilloscope (DSO)	ECE	26.09.2018 to 27.09.2018
20	Workshop Training on ECE - VLSI Design Using HDL-Hands on Training	ECE	26.09.2018 to 27.09.2018
21	Workshop Training on ECE - Hands on High Frequency Structure Simulator (HFSS)	ECE	28.09.2018 to 29.09.2018
22	Workshop Training on ECE - Programming NODE With MONGOOSE OS	ECE	28.09.2018 to 29.09.2018
23	Workshop Training on CSE-Real time Application of Data Structure	CSE	01.10.2018 to 02.10.2018
24	Workshop Training on MECH-Materials Characterization Techniques	MECH	01.10.2018 to 02.10.2018
25	Workshop training programme on “Web Designing” for Second Year Students	CSE	13.03.2019 to 14.03.2019
26	Workshop training programme on “Embedded Controllers for Electrical Engineers ” for Final Year EEE Student	EEE	20.03.2019 to 22.03.2019
27	Workshop programme on “ART OF LIVING ” for I Year GCEB Students		13.03.2019 to 26.04.2019
28	Workshop training on MECH Introduction to Intellectual Property Rights (IPR)	MECH	22.03.2019 & 23.03.2019
29	Workshop training on MECH 3D Printing	MECH	24.03.2019
30	Workshop training on MECH Carrier Guidance Programme	MECH	25.03.2019 & 26.03.2019
31	Workshop training on MECH Geometric Dimensioning and Tolerancing (GD & T)	MECH	29.03.2019 & 30.03.2019
32	Workshop training on MECH Programmable Logic Controller (PLC)	MECH	29.03.2019 & 30.03.2019
33	Workshop training on MECH Design and Product Development	MECH	08.04.2019 & 09.04.2019
34	Non Credit course in their II sem curriculum as per R-2018,B.E/I Year		23.03.2019, 30.03.2019 & 06.04.2019

	Students “CONSTITUTION OF INDIA” on 23.03.2019, 30.03.2019 and 06.04.2019		
35	Workshop training programme on “IMPLEMENTATION OF PRODUCT BASED PROJECTS ” for CSE IV Year Students	CSE	25.03.2019
36	Workshop Training Programme on "Advanced VLSI and Processing Application on FPGA-Hands on" for ME-Applied Electronics-ECE Students on 15.04.2019	ECE	15.04.2018
37	Two days Academic Week Support Programme on “Complier Design” for Third Year CSE Students	CSE	30.03.2019 to 31.03.2019
38	Workshop training programme on “EFFECTIVE COMMUNICATIONS IN ENGLISH ” for I Year Students		27.04.2019 to 28.04.2019

Campous placement data:

S. No	Name	Department	Company
1.	A. Haripriya	CSE	TCS and Wipro
2.	R. Jamuna	CSE	Wipro
3.	V. Srimathi	CSE	CTS
4.	N. Prasad	MECH	CTS
5.	A. Mohammed Abbas	MECH	GigHz
6.	S. Devika	ECE	GigHz
7.	R. Amirtharaj	EEE	Triphase Technologies
8.	T. Kiruthika	CSE	ABC for technological Training
9.	S. Devika	ECE	ABC for technological Training
10.	G. Vedi	ECE	Siemens technologies

Conferences held:

S.No	Conference name	Department	Period
1	National Conference on MECH “Recent Advances in Mechanical Science and Technology” at GCE, Bargur	MECH	29.11.2018 to 30.11.2018
2	National Conference on CSE “Emerging Trends in Advanced Computing and Communication” at GCE, Bargur	CSE	10.01.2019

Internal Revenue Generated:

PHYSICS: Rs. 320509/-

Candidates completed /doing Ph.D

Sl.No	Department	Name of the Coordinator / Beneficiary
1	CSE	C M T Karthikeyan/AP
2	CSE	S.Selvi/AP
3	EEE	K.Mohan/AP
4	EEE	A.Thangaraj/AP
5	EEE	V.Arivumani/AP
6	ECE	M.Elangovan/AP
7	ECE	R.Ranjith/AP
8	ECE	M.Arulkumar/AP
9	ECE	K.Manogaran/AP
10	MECH	S.Sankar Ganesh/AP
11	MECH	S.Ananthakumar/AP/MECH
12	ENGLISH	A.Jesu Stpheen Samy/AP
13	PHYSICS	R. Bakkiyaraj

R & D Consultancy till APR 2019:

S. No	Title	Cost in Lakh	Month of submission	PI and Co-PI Name	Your Role (PI/CO-PI)	Agency	Status
1	Performance evaluation of cold spray deposition for metal matrix composite coatings on AZ31B magnesium alloy by friction stir processing	45	October 2018	PI: Dr D.Thirumalaikumar asamy,	PI	DST-SERB (EMEQ)	Sanctioned
2	Effect of Pore Size, Shape, and Distribution on the Performance of Lanthanum Zirconate based Thermal Barrier Coating	30	June 2018	PI: Dr D.Thirumalaikumar asamy, Co-PI: Dr P.Thirumal,	PI	DRDO (ER&IPR)	Proposal Submitted
3	Development of graphene reinforced zinc rich nano composite	30	April 2019	PI: Dr D.Thirumalaikumar asamy, Co-PI: Dr P.Thirumal, and Dr	PI	ISRO	Proposal Submitted

	coating for the corrosion protection of aluminium alloys (VSSC)			R.Paventhan			
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ED Cell:

- Institute is recognized as Business incubator /Host institution for implementation of the scheme “ Support for entrepreneurial and managerial development of SMES thro’ incubator by MSME New Delhi .
- 21 proposals were presented before the committee on 18-03-2016.
- 10 Proposals were selected by the members for presentation to MSME and the proposals were sent to MSME Delhi for fund sanction on 21-03-2016

Patent Cell:

- Patent Cell is constituted to guide for patent and to finalise the patent proposals submitted by departments.

Conferences organized in the Institution



Training Programmes organized in the Institution

Training Programmes organized in the Institution







FDP - Training Programmes organized in the Institution

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



TEQIP – III sponsored
Two Days Faculty
Development
Programme on
“CREATION OR
INTERACTIVE VIDEO
LECTURE & USE OF ICT
TOOLS IN TEACHING”





Student Training Programmes

Staff Development Programmes Organised Inside the Institution

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



TEQIP -III – sponsored
Student Training
Programme on
“PLACEMENT CRACKER
– TCS NINJA” from 20th,
29th – 31th August
2018.



TEQIP – III sponsored Three Days STP on
“WEB PROGRAMMING WITH PHP” from
6th to 9th November 2018.



Conducted "Student Training Program" on "Open Source Cloud Services and Virtualization Techniques" for the I Year M.E. CSE Students from 03-05-2019 to 04-05-2019 Dept. of CSE, GCE Bargur.



Mr.M.Logeshwaran, Freelance Trainer installed cloud tools open daylight and explaining scheduling mechanisms to the I Year M.E CSE Students.



TEQIP III Sponsored Two Days Student Training Programme on "OPEN SOURCE CLOUD SERVICES AND VIRTUALIZATION TECHNOLOGY" from 3rd to 4th May 2019.

Conducted "**Student Training Program**" on "Aptitude, Personality and SoftSkills" for the IV Year CSE Students from 04-09-2018 Dept. of CSE, GCE Bargur.



IV Year CSE Students actively participating **Silent Movement event** on "Student Training Program"



TEQIP III Sponsored six days Student Training Programme on "APPTITUDE, PERSONALITY & SOFT SKILLS" from 4th to 9th September 2018. Organized by CSE.



TEQIP III Sponsored five days Student Training Programme on “HANDS ON TRAINING ON ADVANCED JAVA PROGRAMMING” from 7TH and 10th to 13th September 2018. Organized by CSE.



TEQIP III Sponsored Two days Student Training Programme on “SOFT SKILLS TRAINING” from 11TH to 12th August 2018. Organized by CSE.

Conducted "Student Training Program" on "Implementation of Product based projects" for the IV Year CSE Students on 25-03-2019 Dept. of CSE, GCE Bargur.



S.Lakshmi and R.Sivaranjani, IV Year CSE Students are actively participating and presenting their projects with Resource person.



TEQIP III Sponsored One day Student Training Programme on "IMPLEMENTATION OF PRODUCT BASED PROJECTS" from 25TH March 2019. Organized by CSE.



CHANDRAN, SUCCESS ACADEMY, Coiminator is Conducting Aptitude Class





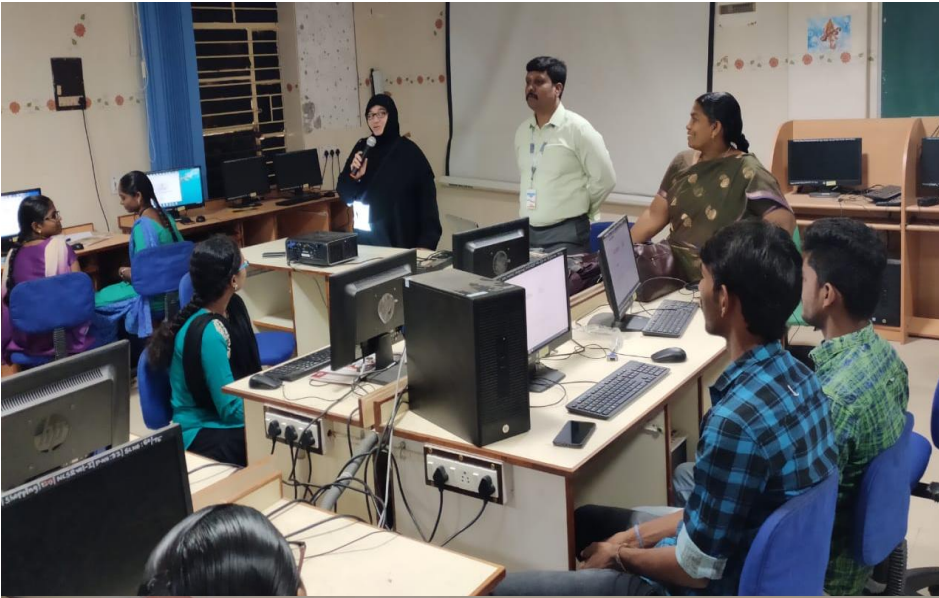
TEQIP III Sponsored Two days Student Training Programme on “ENTREPRENEURIAL OPPURTUNITIES” from 17TH to 18thSeptember2018. Organized by ECE.



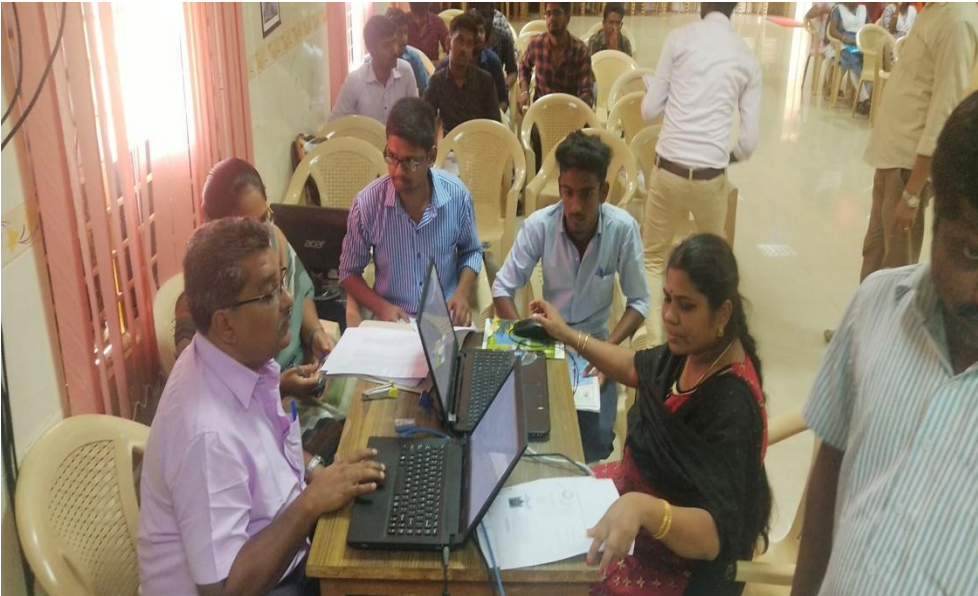
TEQIP III Sponsored Two days Student Training Programme on "ENTREPRENEURIAL OPPURTUNITIES" from 17TH to 18th September 2018. Organized by ECE.



TEQIP III Sponsored Three days Student Training Programme on "OUTCOME BASED EDUCATION and NBA ACCREDITATION" from 28TH to 30th June 2018.



TEQIP III Sponsored TWO days Student Training Programme on " R PROGRAMING" from 03TH to 04th JuLLY 2019.



TEQIP III Sponsored
Three days Student
Training Programme
on
“OUTCOME BASED
ACCREDITATION”
from 28TH to 30th June



**TEQIP III Sponsored Student
Training Programme on "JOY
OF PROGRAMMING"
From 05.07.2019 to
07.07.2019**





**TEQIP III Sponsored Student
Training Programme on "WEB
DESIGNING"**

From 13.03.2019 to 14.03.2019



TEQIP III Sponsored Two days
National Conference on
“EMERGING TRENDS IN
ADVANCED COMPUTING AND
COMMUNICATION” from
10TH January 2019 Organized by
CSE.

TEQIP III Sponsored Two days National Conference on
“EMERGING TRENDS IN ADVANCED COMPUTING AND
COMMUNICATION” from 10TH January 2019 Organized
by CSE.





TEQIP III Sponsored Three weeks AICTE Induction Programme from 13TH August to 2nd September 2018.
Organized by Department of Science & Humanities.

TEQIP –III

Attending FDP & STP (Outside)

Sl. No	Purpose of Event	Date	Amount
	MECH Final Year Students(3 Students) Contest in NAFEMS Engineer Contest-2018 – “CFD TECHNIQUE TO ANALYZE TIRE TREAD HYDROPLANING EFFECTS” at NAFEMS, Bangalore	20.07.2018 to 21.07.2018	3860
	S.Selvi.,AP/CSE attending Symposium “Deep Learning Tools and Techniques at Anna University, Chennai	26.09.2018 to 27.09.2018	15800
	Dr.T.K.Shanthi.,HOD/ECE attending Workshop “Recent Programming in Optical Communication Research” at ACECET, Karaikudi (Rs.18432)	08.10.2018 to 14.10.2018	Settled
	Dr.I.Rahamathullah., AP / MECH attending workshop “Concept of Internship of Technical Students” at BSAR Crescent Institute. Of S&T, Chennai	09.10.2018	6660

Faculty Achievements

PUBLICATIONS

S o.	Title of paper	Author name
1	“HYBRID APPROACH OF SHE-SVPWM WITH CASCADED HBRIDGE MULTILEVEL INVERTER”,Emerging Trends in Advanced Computing and Communication, 2019.	A.Thangaraj M.E., Assistant Professor/EEE, Government College of Engineering ,Bargur
2	“SMART GARBAGE MONITORING AND ALERT SYSTEM USING ARDUINO UNO”„Emerging Trends in Advanced Computing and Communication, ,2019.	M.Kavitha, Assistant Professor/ECE, Government College of Engineering, Bargur
3	“SMART TROLLEY USING RFID AND ZIGBEE”,EmergingTrends in Advanced Computing and Communication, 2019.	M.Kavitha, Assistant Professor/ECE, Government College of Engineering, Bargur
4	“IOT BASED SECURITY SYSTEM BASED ON SENSORS USING DATA ENCRYPTION STANDARD (DES)”,Emerging Trends in Advanced Computing and Communication,2019.	M.Kavitha, Assistant Professor/ECE, Government College of Engineering, Bargur
5	“DEVELOPMENT OF AMBIENT ENVIRONMENTAL MONITORING SYSTEM THROUGH WIRELESS SENSOR NETWORK (WSN)”,Emerging Trends in Advanced Computing and Communication,2019.	M.Kavitha, Assistant Professor/ECE, Government College of Engineering, Bargur
6	“BIDIRECTIONAL VISITOR COUNTER USING IOT” „Emerging Trends in Advanced Computing and Communication,null,null,2019.	M.Kavitha, Assistant Professor/ECE, Government College of Engineering, Bargur
7	“A HARMONIC DETECTION FOR GRID CONNECTED PV SYSTEMS UNDER NON LINEAR LOAD USING CUK CONVERTER”,Emerging Trends in Advanced Computing and Communication,null,null,2019.	V.Arivumani, Assistant Professor/EEE Government College of Engineering Bargur, Krishnagiri Dr.Sujatha Balaraman, Assistant Professor/EEE, GCT Coimbatore.
8	“OPTIMIZATION OF PARALLEL PLAIN FIN HEAT USING ARTIFICIAL NEURAL NETWORK SINK”,Emerging Trends in Advanced Computing and	S. Sankar Ganesh, Assistant Professor/Mech, Dr. P.Thirumal, Associate Professor/Mech

- Communication,null,null,2019. Government College of Engineering, Bargur
- “9 “RSM AND FUZZY LOGIC APPROACHES FOR PREDICTING THE SURFACE ROUGHNESS, FLANK WEAR, BUILT UP EDGE AND CHIP PACKING RATIO DURING MILLING PROCESS OF AL-SI COMPOSITES” ,Emerging Trends in Advanced Computing and Communication,null,null,2019. M.Ashok Kumar,Assistant professor/Mech, MRK Polytechnic College, Kattumannarkoil D.Thirumalaikumarasamy, Assistant professor/Mech, Government College of Engineering, Bargur
- 10 “DESIGN OF LOW POWER VOLTAGE CONTROLLED OSCILLATOR AND PHASE FREQUENCY DETECTOR FOR PHASE LOCKED LOOP” ,Emergin Trends in Advanced Computing and Communication,null,nul,2019. M.Kavitha ,Assistant Professor/ECE Government College of Engineering, Bargur.
- 11 “MPPT BASED SOLAR PHOTO VOLTAIC FED BLDC MOTOR DRIVEN AT SINGLE STAGE USING INCREMENTAL CONDUCTANCE ALGORITHM”,Emergin Trends in Advanced Computing and Communication,null,null,2019. Dr.K.Asokan, Assistant Professor / EEE, Government College of Engineering ,Bargur
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