GOVERNMENT COLLEGE OF ENGINEERING, BARGUR
20TH MEETING OF THE BOARD OF GOVERNORS
Venue: Conference Hall, Administrative Block

AGENDA AND NOTES

ACTION TAKEN REPORT ON

THE MINUTES OF THE 19 ᵀᴴBOARD OF GOVERNORS MEETING

19th BOG AGENDA			ACTION TAKEN
Agenda 19.2.	:	CAS Implementation - Thanking the CTE, ADTE, ADP and ADA for CAS Implementation. and for expediting the CAS process for the remaining Faculty members	CAS Phase (GP 8000 - 9000) has been completed, (GP 9000 - 1000)yet be released, CAS for other faculty to be initiated.
Agenda 19.3.	:	Budget	The Block GRANT budget was sent to DOTE and Procurement through e-procurement has now been started
Agenda 19.3.1	:	Block Grant Budget	
Agenda 19.3.2	:	Procurement of Equipments	
Agenda 19.4.	:	TEQIP-III Procurement	As per the instructions of the Commissioner of Technical Education , TEQIP Procurement Phase1 has been completed as per Annexure- I
Agenda 19.5.	:	TEQIP-III Expenditure	The Expenditure incurred as on 31.12.2019 is submitted as per Annexure- II
Agenda 19.6.	:	TEQIP	
Agenda 19.6.1	:	TEQIP Action Plans	The Action Plan for the period of Jan 2020 to March 2020 has been submitted as per Annexure -III
Agenda 19.6.2	:	Students using Air travel	The air travel cost was reimbursed.
Agenda 19.6.3	:	Ph.D. Assistantship	Research Scholars Thiru. K. Mathivanan and Ms.S.Priya have been paid research assistantship
Agenda 19.6.4	:	Academic Support to weak Students	It is proposed to conduct Academic Weak support classes during the Academic Year 2020-2021
Agenda 19.7.	:	Academic Council Members	The list was approved.
Agenda 19.8.	:	Water Problem	Letters have been sent for supply of water. However steps are taken to effectively utilize the water through monitored distribution.

Agenda 19.9.	:	Faculty Achievements	Faculty members are encouraged to participate the online courses , conferences and the fees have been reimbursed.
Agenda 19.10.	:	Student Achievements	Students are encouraged to participate in internships and the food and lodging cost has been reimbursed.
Agenda 19.10.1	:	Result Analysis	The result analysis was discussed and remedial measures are taken.
Agenda 19.11.	:	R&D Funds Received	For the R& D funds received, A research scholar has been appointed and research work has started.
Agenda 19.12.	:	Status of NBA work & SAR to be submitted	CSE department has got accreditation and EEE and Mechanical Departments have given the dates. The visit is scheduled during the second week of February.
Agenda 19.13.	:	Applying for NAAC	SAR preparation is going on.
Agenda 19.14.	:	Proposal to be sent for additional Faculty & Staff Quarters and Principal Quarters	Proposal has been sent to DOTE, Chennai. It is under consideration of Government
Agenda 19.15.	:	Institutional Infrastructure	
Agenda 19.15.1	:	Ramps & Lifts – Under going	
Agenda 19.15.2	:	Extension of Mechanical Engineering Block	
Agenda 19.16.	:	Any Other Matter	
Agenda 19.16.1	:	Autonomous office - Funds	Steps are being taken for getting funds for the Autonomous Office
Agenda 19.16.2	:	AICTE Approved AQIS schemes	Funds have been received for AICTE schemes. STTP has been conducted in the Mechanical Department.

Agenda 20.1.   :

Resolved to approve the **19th BOG** meeting agenda and Minutes.

Approved

Agenda 20.1.1.   :   **Details of BOG Members.**

S.NO	CATEGORY	NAME
1.	Chairman	**Mr. P. Balasubramani**, Deputy Manager, BHEL Power Sector Southern Region, Chennai
2.	Industrialist	**Mr. C.R. Durairaj**, Chief Safety Officer, TITAN Industries Limited, 3, SIPCOT Industrial Complex, Hosur.
3.	Industrialist	**Mr. C. Devaraju**, General Manager, District Industries Centre, Krishnagiri
4.	Educationalist	**Dr. M. Arularasu**, Additional Director (Exam), (Ex-Officio) Directorate of Technical Education, DOTE, Chennai
5.	Finance officer	**Tmt. S.Sai Lakshmi**, Financial Advisor and Chief Accounts Officer, (Ex-Officio) Directorate of Technical Education, DOTE, Chennai
6.	Faculty of the Institution	**Dr. T.K.Shanthi,** Professor / Dept. of ECE., Government College of Engineering, Bargur 635 104
7.	Faculty of the Institution	**Dr. NishatKanvel,** Professor / Dept. of EEE, Government College of Engineering, Bargur 635 104
8.	Industrialist	**M. Balaji**, M.E. Technical Director, Frontline Electronics Pvt. Ltd.,Salem
9.	UGC Nominee	**Prof. VaradachariarKannan**, Dept. of Mathematics, University of Hyderabad, Hyderabad - 500046
10.	University Professor	**Dr.V. R. GiriDev** Professor, Dept. of Textile technology, Alagappa college of Technology, Anna University, Chennai 600 025
11.	Principal of the Institution	**Dr.T. Alwarsamy**, Principal, Government College of Engineering, Bargur 635 104

Approved

Agenda 20.1.2. : **Milestones of the Institution since last Governing council.**

- NBA Accredited for the **period 01.07.2019 to 30.06.2021** for B.E CSE & ECE Programmes.
- SAR is submitted for B.E EEE & Mechanical Programmes.
- Internal & Statuary Audit has been completed.
- TEQIP Second Performance Audit was completed.
- Permanent Affiliation for B.E Mechanical Programme was received from Anna University
- Construction of Auditorium with 750 capacity completed and it is in regular use.

Agenda 20.2. : **New Initiatives**

A letter has been sent to the Planning Section of Directorate of Technical Education, Chennai seeking NOC for starting of B.E Course in Civil Engineering. Approval is awaited for the detailed proposal including expenditure towards infrastructure development, recurring and Non-recurring Cost.

Approved

Agenda 20.2.1 *:* **Twinning Activity**

Sl. No	Name of the Coordinator / Designation / Department	Details	Date	Amount (Rs)
1	Dr.P.Thirumal/Asso.Prof/ MECH/TEQIP-III COORDINATOR	Delivered lecturing at Twinning Institute, **BBEC,Kokrajhar**	15.05.2019 to 17.05.2019	36841
2	Dr.I.Thangaraju/AP/EEE	Delivered lecturing at Twinning Institute, **BBEC,Kokrajhar**	15.05.2019 to 17.05.2019	36841
3	A.Thangaraj/AP/ EEE	Delivered lecturing at Twinning Institute, **BBEC,Kokrajhar**	15.05.2019 to 17.05.2019	36841
18	CMT Karthigeyan/AP/CSE	Delivered lecturing at Twinning Institute, BBEC,Kokrajhar	15.05.2019 to 17.05.2019	36841
19	CMT Karthigeyan/AP/CSE	Delivered lecturing "Use of Microsoft Office and Tools for Engineering" at BBEC, Kokrajhar	23.08.2019 to 24.08.2019	19810
20	M.Gowrishankar/AP/CSE	Delivered lecturing "Use of Microsoft Office and Tools for Engineering" at BBEC, Kokrajhar	23.08.2019 to 24.08.2019	22810
21	Dr.T.Alwarsamy/PRINCIPAL	Industry Institute Interaction, Smart India Hackathon FDP and Attending the 5th BoG of Twinning Partner of the Insitution at BBEC, Kokrajha	02.09.2019	60501
22	Dr.J.Nafeesa Begum/ HOD/CSE/TEQIP-III FINANCIAL NODAL OFFICER			
24	Dr.T.K.Shanthi/HOD/ECE	Attending the 6th Round BoG of Twinning Partner of the Institution at BBEC, Kokrajhar	12.09.2019	20178
25	Dr.G.Saraswathy/HOD/CHEM	Conducting Special Class for B.Tech I Year Students at BBEC, Kokrajhar	21.10.2019 to 25.10.2019	26911
26	S.Parameshwaean/AP/CHEM	Conducting Special Class for B.Tech I Year Students at BBEC, Kokrajhar	21.10.2019 to 25.10.2019	20441
24	Dr.T.K.Shanthi/HOD/ECE	Attending the 6th Round BoG of Twinning Partner of the Institution at BBEC, Kokrajhar	12.09.2019	20178

Ratified

Agenda 20.2.2   *:*   **Setup of TNEA Facilitation Center (TFC)**

The Directorate of Technical Education (DOTE) conducted the Annual Engineering Counseling for Tamil Nadu Engineering Admissions (TNEA). The task which was entrusted on us, after a gap of 22 years, was successfully completed by an efficient team of Professors, Technical staff and Ministerial staff across 43 Facilitation Centers across the state. Government College of Engineering , Bargur was the facilitation center for the students of Krishnagiri District. The Commissioner of Technical Education Thiru. K. Vivekanandan, IAS directly interacted with all TFC's and ensured the success of TNEA 2019 Online Counselling during May 2019 to July 2019.

Approved

Agenda 20.2.3   *:*   **Online Counseling Software development team**

Online Counseling Software development team was formed by DOTE, Chennai to develop software for TNEA 2020-2021 online Counseling. GCE,Bargur constituted a software team with Faculty members & Students and the team is developing modules for First year approval, First Graduate approval, Transfer and Readmission processes.

Following are the Faculty members in GCEB Software team.

S.No	Name	Designation & Department
1.	Principal/ GCE,Bargur	
2.	Dr. J. Nafeesa Begum	Associate Prof/ CSE
3.	Prof. R. Subathra	Assistant Prof/ CSE
4.	Prof. R. Ranjith	Assistant Prof/ ECE

Load Testing of TNEA 2020 online application was carried out in GCE,Bargur computer labs

Approved

Agenda 20.2.4   *:*   **Proposal for Skills Development and Incubation Centre to SBGF**

The State Government has identified around 100 blocks as backward blocks and proposals were called for development of these blocks. Our college has submitted a proposal and the same has been recommended by the District Collector and has been forwarded to the Government. Ratification is requested for the same.

The State Planning Commission has identified the Bargur Block as a backward block (G.O. Ms. No.68 dated 26.8.2015 of the Planning, Development and Special Initiatives (SPC) Department)) based on the following parameters1. Industrial Backwardness (IBB)2. Drought (DPAP)3. Health

Ratified

Agenda 20.3. : **Faculty - Research, Extension Activities, Quality Improvement, and Consultancy.**

Agenda 20.3.1. : **Faculty and Staff joined**

The following Faculties and Staff have joined the institution.

S.No.	Name & Designation	Department
1.	Dr. G. Indrani Associate Professor	CSE
2.	Mr. J. Manimaran Assistant Professor	
3.	Mr. R. Balamurugan Assistant Professor	
4.	Mr. R. Manikumar Assistant Professor	ECE
5.	Mr. A. Charles Assistant Professor	
6.	Mr. V. Rajesh Kannan Assistant Professor	
7.	Mr.S.Sathish Kumar Assistant Professor	Mechanical
8.	Mr.Anand Assistant Professor	Physics

The following Faculties and Staff have joined the institution.

S.No.	Name & Designation	Department	Remark
1.	Dr.D.Letticia	ECE	Deputed
2.	Mr.M.Elangovan	ECE	Transferred
3.	Mr.S.Sankar Ganesh	Mechanical	Transferred
4.	Tmt.S.Selvi	CSE	Deputed
5.	Mr.M.Gowrishankar	CSE	Deputed

Approved

Agenda 20.3.2. : **Career advancement and Promotion**

CAS phase-2 interview was held and results are awaited. Approval is requested to send letter to DOTE to expedite the process of CAS for Assistant Professors.

Approved

Agenda 20.3.3. : **Funded Proposals**

For the Research Project "Empowerment and Equal Opportunities for Excellence in Science (EMEQ)" Principal Investigator: Dr.ThirumalaiKumarsamy, The total fund allocation is 457000 . Funding Agency: Science and Engineering Research Board (SERB), New Delhi.

Applications were called for the post of Junior Research Fellow through website and Mr.Ashokkumar, with Salary: Rs 25000 per month as per SERB norms has been appointed.

Ratified

Agenda 20.3.4 : **Affiliation/Approval Process**

- The Institution has successfully submitted data for All India Survey for Higher Education 2019-20.
- Application for Affiliation of PG Programmes in CSE, Applied Electronics, Power Electronics has been submitted to Anna University.
- The AICTE approval process has been completed and there is a deficiency reported in faculty strength as the AICTE has changed the norms for Student Faculty ratio as 1:15 for Autonomous Institution. As per G.O.No 290 Higher Education Department Dated 4/11/2019 only 10 Temporary Assistant Professors can be appointed on contract it is requested to give permission to represent the issue to the Commissioner of DOTE for engaging 11 more Assistant Professor to fulfill AICTE Norms

Approved

Agenda 20.3.5. : **Conferences, Workshops, Symposium and Seminars Organized And Attended.**

The details of the Staff Development Programmes conducted in various Departments is as follows:

Sl. No	Name of the Coordinator / Designation / Department	Details	No of Participations (Staffs)	Date
1	J.Nafeesa Begum/HOD/ CSE	One Day Staff Development Programme for Staff Members on **"TEAM WORK & POSITIVE WORK CULTURE**".	33	01.08.2019
2	J.Nafeesa Begum/HOD/ CSE	One Day Residential Capacity building Programme for Staff & Faculty Members on **"PASSION FOR EXCELLENCE**"	30	09.02.2020

The details of the Conferences conducted in various Departments is as follows:

Sl. No	Name of the Coordinator / Designation / Department	Details	No of Participations	Date
1	Dr.P.Thirumal/Asso.Prof/ MECH/	National Conference - **FUTURE ADVANCEMENTS IN WELDING AND SURFACE ENGINEERING**	144	26.07.2019 to 27.07.2019

The details of the Programmes organized in various Departments is as follows:

Sl. No	Name of the Coordinator / Designation / Department Dr./Thiru./Tmt.	Details	No of Participations (Students)	Date
1	P.K.Palani/HOD/MECH	Academic Weak Support Programme – 1.Dynamics of Machines,2.Design of Machine Elements & 3.Engineering Metallurgy	28	01.03.2019 to 02.03.2019 & 08.03.2019 to 09.03.2019
2	R.Subathra/AP/CSE	Web Designing	54	13.03.2019 to 14.03.2019
3	D.Karthigeyan/AP/PHYSICS	ART OF LIVING " for I Year GCEB Students	213	13.03.2019 to 26.04.2019
4	A.Thangaraj/AP/EEE	Embedded Controllers for Electrical Engineers	47	20.03.2019 to 22.03.209
5	S.Selvi/AP/CSE	Implementation Of Product Based Projects	61	25.03.2019
6	I.Ashok Kumar/AP/MECH	Carrier Guidance Programme	120	25.03.2019 to 26.03.2019
7	S.Tamilprabakaran/AP/ MECH	Introduction to Intellectual Property Rights (IPR)	124	22.03.2019 to 23.03.2019
8	G.Saraswathy/Asso.Prof/ CHEMISTRY	Constitution Of India		23.03.2019, 30.03.2019 & 13.04.2019
9	S.Sankar Ganesh/AP/ MECH	3D Printing	50	24.03.2019
10	M.Anabarsu/AP/MECH	Geometric Dimensioning and Tolerancing (GD & T)	50	29.03.2019 to 30.03.2019
11	M.AnanthaBabu	Industrial Automation (PLC & DRIVERS)	47	29.03.2019 to 30.03.209
12	J.Nafeesa Begum/HOD/CSE	Academic Weak Support Programme – Compiler Design	62	30.03.2019 to 31.03.2019
13	P.Thirumal/Ass.Prof./ MECH	Designing and Product Development	36	08.04.2019 to 09.04.2019
14	M.Arulkumar/AP/ECE	Advanced VLSI and Processing Application on FPGA-Hands on	5	15.04.2019

15	A.JesuSteephanSamy/AP/ENGLISH	Effective Communications In English	104	27.04.2019 to 28.04.2019
16	S.Selvi/AP/CSE	Open Source Cloud Services And Virtualization Technology	4	03.05.2019 to 04.05.2019
17	G.Indirani/AP/CSE	R Programming	62	03.07.2019 to 04.07.2019
18	R.Subathra/AP/CSE	Joy of Programming	53	05.07.2019 to 06.07.2009
19	A.Thangaraj/AP/EEE	Electromagnetic Theory And Its Applications	54	12.07.2019 to 14.07.2019
20	I.Thangaraju/AP/EEE	Internet of Things (IoT)	57	15.07.2019 to 17.07.2019
21	V.Arivumani/AP/EEE	Micro Electro Mechanical Systems	57	05.07.2019 to 07.07.2019
22	A.Thangaraj/AP/EEE	Electric Circuit Theory and its Application	54	23.07.2019 to 27.07.2019
23	R.Ranjith/AP/ECE	Introduction To Html/Css And Sql Server Programming	45	31.07.2019 to 01.08.2019
24	D.Karthigeyan/AP/PHYSICS	Professional Ethics And Strees Management	61	19.08.2019 to 20.08.2019
25	C M T Kartigeyan/AP/CSE	.NET BOOT CAMP	62	27.08.2019 to 28.08.2019
26	V.Adhimoorthy/AP/ECE	Stress Management By Yoga	9	03.09.2019 to 05.09.2019
27	M.Arulkumar/AP/ECE	Implementation Of Analog/Digital Communication Techniques Using MATALAB-Hands on	47	17.09.2019 to 18.09.2019
28	M.Kavitha/AP/ECE	Microwave Mesurement Techniques – Hands On Training	45	30.09.2019 to 01.10.2019
29	S.TamilPrabakaran/AP/Mech	Energy Audit in Motors and Mechanical Systems	35	30.12.2020 to 31.2020

The details of Programmes attended by Faculties of Various Departments is as follows:

Sl. No	Name of the Faculty / Designation / Department, Dr/Thiru/Tmt	Details	Date
1	T.Govindan/AP/MATHS	Attending a two day Seminar on "Industrial Applications of Soft Computing" at TCE,Madurai	15.03.2019 to 16.03.2019
2	R.Ranjith/AP/ECE	Attending Faculty Development Programme (FDP) On "EMPOWERING TEACHERS IN 21st CENTURY EDUCATION " At NIT,Tiruchirapalli	29.04.2019 to 03.05.2019
3	M.Ananthababu/AP/MECH	Attending GIAN Course on "ADVANCED INTERNAL COMBUSTION ENGINES" at NIT,Tiruchirapalli .	06.05.2019 to 17.05.2019
4	M.Anbarasu/AP/MECH	Attending GIAN Course on "ADVANCED INTERNAL COMBUSTION ENGINES" at NIT,Tiruchirapalli .	06.05.2019 to 17.05.2019
5	M.Tamilprabakaran AP / MECH	Attending the Short term Course on "Numerical Analysis using MATLAB" at NIT,Tiruchirappalli	15.05.2019 to 19.05.2019
6	S.Selvi/ AP / CSE	Attending International Conference on "COMPUTER NETWORKS AND INVENTIVE COMMUNICATION TECHNOLOGIES" at Coimbatore	23.05.2019
7	R.Ranjith/AP/ECE	Attending a five Days QIP Short term Course on "A Comprehensive Introduction to IoT Design" at IIT,Mumbai	15.07.2019 to 19.07.2019
8	K.Manogaran/AP/ECE	Attending a five Days QIP Short term Course on "A Comprehensive Introduction to IoT Design" at IIT,Mumbai	5.07.2019 to 19.07.2019
9	T.K.Shanthi.,HOD/ECE	Participate the Programme on "Enhancing Leadership Capacities and Potential Among Professional Women" to be held on at IIM,Ahmedbad	16.07.2019 to 19.07.2019
10	G.Saraswathy.,HOD/S&H	Attending "SALESFORCE-FACULTY INTERACTION MEET" Otganized by ICT ACADEMY at Coimbatore	26.07.2019 12.08.2019 to 16.08.2019
11	R.Balamurugan/AP/CSE		
12	T.Govindan/AP/MATHS	Attending a five Days Short term Course on "Advanced Numerical Schemes for Scientists and Engineers" at IIT (BHU),Varanasi	
13	M.Elangovan/AP/ECE	Attending the five Second International Conference on Communication and Signal Processing at Motilal Nehru Institute of Technology,Allahabad	21.10.2019 to 23.10.2019
14	R.Ranjith/AP/ECE		

The details of the Faculty Development Programmes conducted in various Departments is as follows:

Sl. No	Name of the Coordinator / Designation / Department	Details	No of Participants (Faculty)	Date
1	A.Thangaraj/AP/EEE	One Week Faculty Development Programme for Faculty Members of Engineering College and Polytechnic Colleges on **"RECENT DEVELOPMENTS IN ENERGY STORAGE TECHNOLOGY"**.	37	12.06.2019 to 18.06.2019
2	K.Mohan/AP/EEE	One Week Faculty Development Programme for Faculty Members on **"SOLAR PHOTOVOLTAIC SYSTEM DESIGN AND APPLICATIONS"**.	45	20.06.2019 to 26.06.2019
3	M.AnanthaBabu/AP/ MECH	Five Days Faculty Development Programme for Faculty Members on **"WORKSHOP ON NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL (NAAC)"**.	39	24.06.2019 to 28.06.2019
4	G.Saraswathy/Asso.Pro./ CHMISTRY	One Week Faculty Development Programme for Faculty Members on **"CURRENT PRACTICES IN NANO-ENGINEERING"** .	33	25.06.2019 to 01.07.2019
5	I.Ashok Kumar/AP/MECH	One week Faculty Development Programme for Faculty Members on **"RECENT TRENDS IN BIO AND NANO COMPOSITE MATERIALS"**.	41	01.07.2019 to 07.07.2019
6	D.Thirumalaikumarasamy/AP/MECH	One week Faculty Development Programme for Faculty Members on **"RECENT INNOVATIONS AND RESEARCH TRENDS IN NANOMATERIAL AND SURFACE COATING"**.	40	01.08.2019 to 07.08.2019
7	R.Manikumar/AP/ECE	Five Days Faculty Development Programme for Faculty Members & Research Scholars on **"WIRELESS AND CYBER SECURITY"**.	43	05.08.2019 to 09.08.2019
8	D.Karthikeyan/AP/ PHYSICS	Two weeks Faculty Development Programme for Faculty Members on **"HANDS ON TRAINING: SYNTHESIS AND CHARACTERIZATION OF NANOMATERIALS"**.	55	19.08.2019 to 01.09.2019
9	S.TamilPrabhakaran/AP/MECH	One week Faculty Development Programme for Faculty Members on **"MATERIAL TESTING CHARACTERISATION TECHNIQUES FOR RESEARCH"**	34	07.12.2019 to 30.12.2019

The Departments of EEE, ECE and CSE Symposiums have been conducted on 20th ,21st ,22nd,27th& 28th Feb 2020.

ECE 2020 - Symposium

ECE 2020 - Symposium

CSE 2020 – Symposium

Approved

Agenda 20.3.6. : **Online Certification.**

The details of the Faculties completed Online courses is as follows:

Sl. No	Name of the Faculty / Designation / Department	No of Course
1	Dr.P.Thirumal/Asso.Prof/MECH	3
2	Dr.J.Nafeesa Begum/HOD/CSE	2
3	R.Subatra/AP/CSE	3
4	K.Mohan/AP/EEE	13
5	S.Elumalai/AP/CHEMISTRY	3
6	CMT Karthikeyan/AP/CSE	1
7	S.Sankar Ganesh/AP/MECH	1
8	G.Indirani/AP/CSE	1
9	S.TamilPrabakaran	1

Approved

Agenda 20.3.7. : **Consultancy**

The Department of Physics has recommended the below proposed consultancy charges for revision with effect from 01.03.2020 onwards.

User	Members of GCEB		External Members from Educational Institutions		Members from Industry & other Agencies	
	Amount (in Rs.)		Amount (in Rs.)		Amount (in Rs.)	
	Existing Rates	Proposed rates	Existing Rates from feb 2016 onwards	Proposed rates	Existing Rates feb 2016 onwards	Proposed rates
XRD	No Charges	No Charges	250	No Change	500	700
FTIR	No Charges	No Charges	150		300	400
UV Visible	No Charges	No Charges	100		200	300
PL	No Charges	No Charges	250		500	600
Electrochemical studies	No Charges	No Charges	No Charges	350	No Charges	700

Approved

Agenda 20.3.8. : **Faculty Motivation and Welfare**

The

S.No.	Name of the Faculty	Department	University
1.	C M T Karthikeyan/AP	CSE	ANNA
2.	S.Selvi/AP	CSE	ANNA
3.	M.Gowrisankar/AP	CSE	ANNA
4.	R.Subatra/AP	CSE	ANNA
5.	K.Mohan/AP	EEE	ANNA
6.	A.Thangaraj/AP	EEE	ANNA
7.	V.Arivumani/AP	EEE	ANNA
8.	M.Elangovan/AP	ECE	ANNA
9.	R.Ranjith/AP	ECE	ANNA
10.	M.Arulkumar/AP	ECE	ANNA
11.	K.Manogaran/AP	ECE	ANNA
12.	S.Sankar Ganesh/AP	MECH	ANNA
13.	S.TamilPrabakaran/AP	MECH	NIT, Trichy
14.	M.Anbarasu/AP	MECH	NIT, Trichy

FACULTY pursuing Ph.D is as follows and full Semester fees is paid by TEQIP Funds.

Approved

Agenda 20.4. : **Student Support, Progress and Outcome**

Agenda 20.4.1. : **First Year Student Admissions.**

The details of the UG First year students admitted is as follows:

Department	No. of Students Admitted
CSE	51
ECE	55
EEE	52
MECH	50
Total	**208**

Approved

Agenda 20.4.2. : **Academic results**

The Result analysis of the students in respect of Odd Semester Nov-Dec 2019 is given in Annexure VI

Approved

Agenda 20.4.3. : **Online Certification Courses by students**

The details of the students enrolled for online courses is as follows and Fees for the students reimbursed from TEQIP III

Sl. No	Name of the Students/ Department	No of Couse
1	C.Karthik/CSE	2
2	R.Sridinesh/CSE	3
3	Hariharan/ECE	1
4	A.Nathiya/ECE	1
5	V.Manisha/ECE	1
6	V.Hemalatha/ECE	1
7	S.Sridevi/ECE	1
8	R.Bhavishya/ECE	1
9	S.Ayisha/ECE	1
10	R.Anitha/ECE	3
11	Rajesh/MECH	2
12	Varsha/ECE	1
13	R.Rashmi	2
14	G.Deen Angel Jyothi	1
15	V.Hemalatha/ECE	1
16	M.Kaviarasi/ECE	1
17	G.Kokila/EEE	1
18	M.Mahalakshmi/ECE	1
19	J.Muruganantham/CSE	1
20	A.Nathiya/ECE	1
21	M.Naveena/CSE	1
22	C.Prasanth/CSE	1
23	T.Ragavi/ECE	1
24	S.Surya/CSE	1
25	S.Thulasiraman/ECE	1
26	M.Salma/ECE	1
27	K.S.Mohanavel/CSE	1
28	M.Karthick Raja/ECE	1
29	M.Manisha/ECE	1
30	A.Haripriya/CSE	1
31	M.Sandhiya/ECE	1
32	R.Krishnakumar/ECE	1
33	V.Aravindh/ECE	1
34	S.Karthi/CSE	1
35	S.Devika/ECE	1
36	M.Madhuprakash/CSE	1
37	M.Rajasundar/CSE	1
38	M.Lavanya/ECE	1
39	K.SathyaBaskar/ECE	1
40	R.Aravindswamy/CSE	1
41	S.Manoselvamani/EEE	1
42	J.K.Jayapriya/ECE	1
43	V.Monica/ECE	1
44	P.Preetha/ECE	1
45	A.Nathiya/ECE	1
46	V.Manisha/ECE	1
47	V.Hemalatha/ECE	1
48	S.Sridevi/ECE	1
49	R.Bhavishya/ECE	1
50	S.Ayisha/ECE	1
51	Dhivakar.V/ECE	1

Approved

Agenda 20.4.4. : **Conduct of workshops for the students of Various departments**

The details of the Workshops conducted for Students in various Departments is as follows :

S.No.	Name of the Programmes	Date
1.	Academic Weak Support Programme – 1.Dynamics of Machines,2.Design of Machine Elements & 3.Engineering Metallurgy	01.03.2019 to 02.03.2019 & 08.03.2019 to 09.03.2019
2.	Web Designing	13.03.2019 to 14.03.2019
3.	ART OF LIVING " for I Year GCEB Students	13.03.2019 to 26.04.2019
4.	Embedded Controllers for Electrical Engineers	20.03.2019 to 22.03.209
5.	Implementation of Product Based Projects	25.03.2019
6.	Carrier Guidance Programme	25.03.2019 to 26.03.2019
7.	Introduction to Intellectual Property Rights (IPR)	22.03.2019 to 23.03.2019
8.	Constitution of India	23.03.2019, 30.03.2019 & 13.04.2019
9.	3D Printing	24.03.2019
10.	Geometric Dimensioning and Tolerancing (GD & T)	29.03.2019 to 30.03.2019
11.	Industrial Automation (PLC & DRIVERS)	29.03.2019 to 30.03.209
12.	Academic Weak Support Programme – Compiler Design	30.03.2019 to 31.03.2019
13.	Designing and Product Development	08.04.2019 to 09.04.2019
14.	Advanced VLSI and Processing Application on FPGA-Hands on	15.04.2019
15.	Effective Communications in English	27.04.2019 to 28.04.2019
16.	Open Source Cloud Services and Virtualization Technology	03.05.2019 to 04.05.2019
17.	R Programming	03.07.2019 to 04.07.2019
18.	Joy of Programming	05.07.2019 to 06.07.2009
19.	Electromagnetic Theory And Its Applications	12.07.2019 to 14.07.2019
20.	Internet of Things (IoT)	15.07.2019 to 17.07.2019
21.	Micro Electro Mechanical Systems	05.07.2019 to 07.07.2019
22.	Electric Circuit Theory and its Application	23.07.2019 to 27.07.2019
23.	Introduction To Html/Css And Sql Server Programming	31.07.2019 to 01.08.2019

24.	Professional Ethics And Strees Management	19.08.2019 to 20.08.2019
25.	.NET BOOT CAMP	27.08.2019 to 28.08.2019
26.	Stress Management By Yoga	03.09.2019 to 05.09.2019
27.	Implementation Of Analog/Digital Communication Techniques Using Matalab-Hands On	17.09.2019 to 18.09.2019
28.	Microwave Mesurement Techniques – Hands On Training	30.09.2019 to 01.10.2019

Approved

Agenda 20.4.5. : **Students Participation in Hackathons.**

The details of the students participated in Hackathons is as follows held on 22.01.2020, they have recommended for National level Hackathon.

S.No.	Name of the Participants	Title
1.	Gokul K	Identification of Sepsis
2.	Priyanka M	
3.	Manimegalai M	
4.	Karthi S	
5.	Deepthi N	
6.	Surya Kumar S	
7.	Mariyammal M	Classification Of Melanoma And Nevus using Artificial Neural Network
8.	Ajithkumar D	
9.	Viknesh M	
10.	SettupillaiPrabhakaran M	
11.	Thimmarayan G	
12.	Priya V	
13.	U.Hariharan	Traffic Clearance for Ambulance
14.	R.Bhavatharani	
15.	M.ManjuPriya	
16.	P.Karthikeyan	
17.	S.Venkatesan	
18.	V.Sampath	

Approved

Agenda 20.4.6. : **Placement Activities**

The details of the Placement Training conducted is as follows:

1. Webinar by Ethnus Consultancy Private Limited, Bangalore for TCS aspiring students has been facilitated for final year students of our college on 01-07-2019.

2. AMCAT test for all the students of our college has been conducted in association with aspiring minds from 19-22, August 2019.

3. Two days student development programme on "Professional Ethics and Stress management" for second year CSE students on 13, 14 September 2019.

4. Mock On-Campus drive for the final year students in association with our college alumnus for both hardware and software streams on 14-09-2019.

5. Off-campus drive by Honeywell, Madurai for CSE students has been facilitated on 18-09-2019.

6. One day workshop on "DATA SCIENCE WITH MACHINE LEARNING AND ARTIFICIAL INTELLIGENCE" for third and final year students of CSE, ECE and EEE was arranged in association with PCS Global Private Limited, Bangalore on 25-09-2019.

7. ON-CAMPUS recruitment by PCS Global private limited, Bangalore for CSE, ECE & EEE students on 26-09-2019 in which 6 of our students got placed.

8. Facilitated the registration of 34 students to participate in placement drive organized by CUIC, Anna University on 01-10-2019.

9. Aptitude test conducted by HIRE ME Consultancy Private Limited, Bangalore, so as enabling students to participate in POOLED Drive organized by HIRE ME in Bangalore.

10. Facilitated recruitment by NY Systems, Cochin with aptitude test and technical test. 10 students have been shortlisted for the next round.

11. Career guidance programme in association with FACE academy for final year students on 18-12-2019 for the final year students of our college.

12. Six days student training programme on "Aptitude training for Placement" for final year students from 27-01-2020 to 01-02-2020.

13. Six days student training programme on "Aptitude training for Placement" for third year CSE students from 10-02-2020 to 15-02-2020.

Approved

Agenda 20.4.7. : **Placement Statistics**

The details of the Placed students in various companies is as follows:

S. No.	Name of the Candidate	Department	Company
1.	Miss Ramya	CSE	PCS Global Pvt. Ltd., Bangalore
2.	Miss R. Rashmi	ECE	TCS
3.	Miss B. Bhavani	CSE	TCS
4.	Mr. C. Karthik	CSE	Fowie
5.	Mr. Mohanavel	CSE	Fowie
6.	Mr. Chandru	ECE	Infosys
7.	Mr. Krishna kumar	ECE	Infosys
8.	Mr. Ayisha	ECE	Infosys
9.	Miss Sridevi	ECE	Infosys
10.	Mr. Iyappan	EEE	Fowie
11.	Mr. U. Hariharan	EEE	Alfest Pvt. Ltd.
12.	Mr. Santhamoorthy	EEE	Alfest Pvt. Ltd.
13.	Mr. Kabeesh	EEE	Alfest Pvt. Ltd
14.	Mr. Jeeva	EEE	Alfest Pvt. Ltd
15.	Miss Pavithra	EEE	Alfest Pvt. Ltd
16.	Mr. R. Raghul	EEE	PCS Global Pvt. Ltd., Bangalore
17.	Mr. U. Hariharan	EEE	PCS Global Pvt. Ltd., Bangalore
18.	Mr. M. Karthik Raja	CSE	PCS Global Pvt. Ltd., Bangalore
19.	Miss. S. Gomathi	CSE	PCS Global Pvt. Ltd., Bangalore
20.	Miss. R. Bhavishya	ECE	PCS Global Pvt. Ltd., Bangalore
21.	Miss. B. Bhavani	CSE	PCS Global Pvt. Ltd., Bangalore
22.	Miss. S. Menaga	CSE	Invensis Pvt. Ltd.
23.	Miss N. Ilamathi	CSE	Invensis Pvt. Ltd.
24.	Miss. J. Jebapriyanka	ECE	HCL
25.	Mr. C. Karthik	CSE	RAVE Technologies, Bangalore
26.	Mr. R.Sridinesh	CSE	IBM

Approved

Agenda 20.4.8. : **Technical Associations**

Technical Association have been formed for each Department and the Inaugural function was conducted. Competitions are regularly held for students.

Approved

Agenda 20.4.9. : **Academic Support Program**

Improve the quality of non performing students through academic support Programs scheduled using TEQIP –Fund. 15 course have been identified for requirement of remedial classes, 2 Remedial classes have been conducted in February and 13 will be in March 2020

Ratified

Agenda 20.4.10. : **NASSCOM Examinations**

TEQIP Diagnostic Assessment through SSC NASSCOM was conducted during 19.12.2019 and 20.12.2019 in the Institution. About 550 Students participated in the Online Examinations.

Ratified

Agenda 20.4.11. : **Norms for Internships/ workshops**

As per TEQIP –III Students should be encouraged to undergo training, attend internships and participate in workshops. TEQIP-III allows the expenditure to be met for the student activities and hence students were allowed and the Registration fees, Food Cost and travel cost .

1. Food Expense within state is limited to **Rs. 125** per day for each student.
2. Food Expense outside state will be fully reimbursed on production of original bill.
3. TravelExpenses within state is limited to **Rs. 1/Km**. (**Note:** Second class Sleeper by Train or by Bus is only admissible)
4. TravelExpenses Outside state will be fully reimbursed on production of original tickets(**Note**: Second class Sleeper by Train or by Bus) . Travel expense is admissible only for **one** 'To & Fro' journey (i.e., for going on first day & returning on lastday)
5. Claim for Accommodation (Within or outside state) shall be reimbursed fully on production of original bill .
6. The expenses should be justifiable and approved by the Faculty Advisor and Head of the Department.

Ratified

Agenda 20.4.12. : **Review of Answer Scripts after publication of Results**

Student review of answer scripts of end semester examination Nov/Dec 2019

This practice is introduced from Nov/December examinations as pass percentage is declining and also to improve quality of evaluation and transparency. Autonomy is freedom with accountability for both teachers and students. This practice also reduces stress and anxiety of the students though it is laborious for autonomous office. After review students gave feedback about valuation.

Ratified

Agenda 20.4.13. : **GATE 2020 Training**

GATE 2020 Training programme successfully completed for all Final year students under TEQIP III Fund

Training Institute	: M/S Gate Forum Educational Services and Private Limited, Think cell learning solutions Pvt. Ltd
No of Hours planned	: 300 hrs
Total No of Students in Final year	: 212(MECH-48, EEE-57,ECE-45,CSE-62)

Ratified

Agenda 20.4.14. : **Employability Skill Training**

Employability Skill Training programme successfully completed for all third year students under TEQIP III Fund

Training Institute	: M/S ETHNUS CONSULTANCY SERVICES PRIVATE LIMITED, BENGALURU
No of Hours planned	: 200 hrs
Total No of Students in Final Year	: 212(CSE – 56, ECE – 50, EEE – 56, MECH – 50)

Ratified

Agenda 20.5. : **Infrastructure**

Agenda 20.5.1. : **Buildings**

Ongoing Construction of boys hostel buildings, reading room and GYM : Annexure IV

Budget of the Project is 5.82 Cr and 57, 3 seaters room to accommodate 160 students and staff:

Proposals for construction of New Buildings, extensions with estimated cost have been prepared in consultation with the State Public Works Department. The List of Civil Works Proposed is shown in Annexure-IV

Approved

Agenda 20.5.2. : **Laboratory Equipments**

The details of Laboratory Equipments and Items purchase under TEQIP III is as follows is submitted for Ratification:

S.No	Name of the Package	Actual Cost in Rupees	Status of Procurement
1.	TEQIP-III/GCEB/INST/01	394,415	COMPLETED
2.	Fuel Cell Trainer System	1,876,200	COMPLETED
3.	Multipurpose Welding Setup	1,047,900	COMPLETED
4.	Double Fed Induction Generator Setup	960,750	COMPLETED
5.	AC and DC drives Lab Equipments for PG	672,600	COMPLETED
6.	10KW On- Grid Solar Power Plant System	2,362,500	COMPLETED
7.	Multichannel Electrochemical Workstation	1,779,568	COMPLETED
8.	Video Conferencing System	799,002	COMPLETED
9.	Cloud Computing Lab .Equipment	7,286,500	COMPLETED
10.	Ultra HD 4K Projector	811,250	COMPLETED
11.	10 KVA UPS	802,400	COMPLETED
12.	Educational collaborative device	944,000	COMPLETED
13.	Power Plant Simulation Software	398,840	COMPLETED
14.	3D Printing Machine	1,470,000	COMPLETED
15.	IOT Lab	882,000	COMPLETED
16.	Multifunction Machine	174,639	COMPLETED
17.	Vibration measurement trainer module kit	958,650	COMPLETED
18.	Central RO System	761,100	GRN & Payments
19.	E journals	544,500	Purchase Order
20.	mac computers	830,900	GRN & Payments
21.	Pin on Disc Wear Testing Machine	408,240	GRN & Payments
22.	Gas Turbine Test Rig	2,095,569	GRN & Payments
23.	Pulse Plating Setup	1,982,990	GRN & Payments
	TOTAL	**30,244,513**	

Ratified

The details of Laboratory Equipments in pipeline is follows for approval:

S.No	Name of the Package	Department	Estimated Cost Rupees in Lakh	Qty/items	Justification
1.	ASME E-JOURNALS PACKAGE	Library	2,26,500	-	To meet basic requirements of AICTE Norms
2.	Composite Chair and Table for Modular Class Room	Mechanical	4,00,000	81 seats	Smart seminar hall of Mechanical Engineering
3.	Multi-purpose Color Printer	CSE/ Mechanical	3,00,000	2	Basic Requirement
4.	LED Notice Board	CSE	2,50,000	1	Basic Requirement
			Approved		

The details of Laboratory Equipments and Items purchase under **State Government** is as follows for Ratification:

S.No	Name of the Package	Department	Estimated Cost Rupees in Lakh	Qty/items	Status of Procurement	Probable Date of Delivery
1.	Desktop Computers Intel i7 with preloaded linexos	CSE	30,71,208.0/-	50	Completed	**27/09/2019**
2.	Tool items for Workshop	Mechanical	2,08,565.0/-	47	Financial Evaluation	**15/03/2020**
3	PVC Pipes for Workshop	Mechanical	1,02,786.0/-	46	Financial Evaluation	**15/03/2020**
4	Tool items for Workshop	Mechanical	2,04,435.0/-	12	Financial Evaluation	**15/03/2020**
5	EMI/EMC pre compliance test Setup	CSE	3,50,00,000	1	Technical Evaluation	**28/03/2020**
6	PCB Fabrications Tools and Machineries	EEE	3, 89,000/-	1	e-tender Initiated	**01/04/2020**
7	Plated through hole Table and Stencil Printer	EEE	3, 36,000	1	e-tender Initiated	**01/04/2020**
8	PCB Prototype Fabrication Equipment	EEE	3, 89,000/-	1	e-tender Initiated	**01/04/2020**
			Ratified			

The details of Laboratory Equipments and Items purchase under State Government is as follows for approval :

S.No	Name of the Package	Dept	Estimated Cost Rupees in Lakh	Qty/items	Justification
1	CMT Welding setup with welding carriage	Mech	25,00,000/-	1	"CMT welding setup" is required for the Department of Mechanical Engineering for students practical and project work. CMT Welding Process is a most advanced welding process, having huge research scope.
2	Universal 6-Axis Robot	Mech	50,00,000/-	1	Research and Basic Skill training
3	24x10/100/1000T part with 4sPP Ggabit uplink parts including	CSE	4,00,000/-	4	For creating internet facility of New lab
4	Cat 6 UTP Cable and other accessories	CSE	4,00,000/-	4	For creating internet facility of New lab

EMI/EMC Setup

The Government has allocated Rs.3.5 crore for establishment of State of Art EMI/EMC Setup and advertisement has been called for the setting up of the same(Shown in Annexure I)

Approved

Agenda 20.6. : **Alumni Connect And Support**

15 Alumni of various Departments have been involved in the conduct of placement activities.
ECE Alumni meet is conducted on 22-2-2020.

Approved

Agenda 20.7. **Institutional Social Responsibilities**

As part of institutional social responsibilities the college is utilizing the funds received from AICTE **UNNAT BHARATH ABHIYAN** and has organized the Following programs.

S.No	Date	Outreach Program	Venue	Time
1	26.02.2020-01.03.2020	Computer Skill Training for Women Folk	CSE Seminar Hall	10.00AM-5.00PM
2	26-02-2020	Career Guidance for Higher Secondary students	Kappalwadi Higher Secondary School-Bargur Block	3.30 PM
3	27-02-2020	Child Marriage Prevention awareness program	Govt.Engineering college campus-Bargur	2.00 pm
4	27-02-2020	Child Marriage Prevention awareness program	Venkatasamuthiram-Bargur Block	5.00 PM
5	28-02-2020	Plastic Prevention Awareness Program	Venkatasamuthiram-Bargur Block	4.30 M

Students are actively participating in NSS activities: Cleaning the Campus and creating awareness on social issues among the public

Approved

Agenda 20.8. : **Financial Targets**
Agenda:20.8.1: Budget and Expenditure
The Complete Budget for the Financial Year 2019-20 is given below:

BUDGET ALLOTMENT FOR THE FINANCIAL YEAR 2019-2020

PREVIOUS BALANCE	77590826
I ST AND II ND INSTALMENT	59724000
III RD AND IV TH INSTALMENT	11067000
SPECIAL FUND AS PER GO 151	35000000
TOTAL	183381826

Rs in Thousands

S.L. NO	Head of Account	ALLOTEMENT	EXPENDITU RE UP TO JAN 2020	BALANCE
1	2	3	4	5
1	301 01 PAY	32500	25071	7429
2	02 MA	130	111	19
3	03 MC	13	0	13
4	04 OA	200	61	139
5	06 HRA	1300	1086	214
6	07 TC	5	0	5
7	333 04Contract Payment	500	394	106
8	303 01 DA	48750	29349	19401
9	304 01 Tour TA	250	181	69
10	02 Tr TA	50	7	43
11	305 01 TC	1258	757	501
12	02 OC	400	133	267
13	03 EC	4500	2731	1769
14	305 04 SP&PE	18	18	0
15	06 03 Water Charges	700	597	103
16	308 01 Advt.Charges	100	0	100
17	13H Hospitality Charges	2	0	2
18	319 03 Maintenance	1500	0	1500
19	321 MV 02 Maintenance	400	0	400
20	24 Materials & Supplies	20	0	20
21	333 PPS 02 Remuneration	3400	1488	1912
22	345 01POL	200	0	200
23	347 01 Stores &Equipments	3000	0	3000
24	349 01 FA Debit	400	360	40
25	349 02 FA Credit	0	0	0
26	54 Expences Conducted Tour	1	0	1
27	359 00 Prizes Awards	10	0	10
28	66 00 Medicines	10	0	10
29	368 Cost of Books AH	56	0	56
30	376 C & A 01 Purchase	16067	3466	12601
31	376 C & A 02 Maintenance	100	0	100
32	376 C & A 03 Stationary	100	0	100
33	319 01 ME Purchase	31441	0	31441
34	68 Cost of of Books AF	1000	0	1000
35	68 Cost of Books JP	0	0	0
36	EQUIPMENTS	35000	0	35000
	TOTAL	183381	65810	117571
	Approved			

Agenda:20.8.2:   Expenditure Incurred

TEQIP - III
GOVERNMENT COLLEGE OF ENGINEERING, BARGUR
The following are the details of expenditure and Advances as per PFMS- M32

From June-2018 to 28-02-2020- **(From the Beginning to 28.02.2020)**

S.No.	Procurement of Goods	Academic processes	Operating Costs (IOC)	Total Expenditure(Rs)
1	2,01,35,925.00	1,84,62,583.00	15,45,996.00	**4,01,44,504.00**

From 14-01-2020 to 31-01-2020 **(January – 2020)**

S.No.	Procurement of Goods	Academic Processes	Operating Costs (IOC)	Total Expenditure (Rs)
1	21,45,240.00	3,65,371.00	28,100.00	**25,38,711.00**

From 01-02-2020 to 28-02-2020 **– (February-2020)**

S.No.	Procurement of Goods	Academic Processes	Operating Costs (IOC)	Total Expenditure (Rs)
1	9,58,650.00	15,01,845.00	38,086	**24,98,581.00**

Agenda:20.8.3:   Action Plan:

The TEQIP Action Plan for the Quarter January 2020 to March 2020 has been submitted to NPIU as shown in Annexure-III

Agenda 20.9.   :   Any Other Matter

The minutes of 20th BOG meeting held on 1st March 2020 is approved.

Chariman/BOG   **Principal/GCEB**

ANNEXURE-I

PROCUREMENT ACTIVITIES AND FACILITIES ADDEDIN

GOVERNMENT COLLEGE OF ENGINEERING, BARGUR

List of Procured Items - TEQIP-III

S. No	Brief Description of the Equipments	Amount (Rs)	Procured Department
1	Furniture for TEQIP Cell	3,94,415	TEQIP Office
2	Fuel Cell Trainer System	18,76,200	EEE
3	Multipurpose Welding Setup	10,47,900	Mechanical
4	Double Fed Induction Generator Setup	9,60,750	EEE
5	AC and DC drives Lab Equipments for PG	6,72,600	EEE
6	10KW On- Grid Solar Power Plant System	23,62,500	Institute
7	Multichannel Electrochemical Workstation	17,79,568	Physics
8	Video Conferencing System	7,99,002	Institute
9	Cloud Computing Lab Equipment	72,86,500	CSE
10	Projector (Ultra HD 4K Projector)	8,11,250	Institution /Seminar hall
11	10 KVA UPS	8,02,400	CSE
12	Educational collaborative device	9,44,000	CSE
13	Power Plant Simulation Software	3,98,840	Mechanical
14	Vibration measurement trainer module kit	9,58,650	Mechanical
	Total	**2,10,94,575**	

List of Procured Items –State Government

S. No	Brief Description of the Equipments	Amount (Rs)	Procured Department
1	Desktop Computers Intel i7 with preloaded linexos	30,71,208.0/-	CSE
2	Multi-function colour printer	3,90,000.0/-	AUTONOMOUS OFFICE
	Total	34,61,208.0/-	

I)   EFFECTIVE UTILISATION OF EQUIPMENTS

A Multipurpose Welding Setup has been installed with the aim to train the stakeholders to

- Multipurpose Welding Setup have capable of perform SMAW,GMAW and GTAW processes.
- Welding skill Training has been given to the four interestedStudents from Mechanical engineering using Multipurpose Welding Setupand encouraged to register in District level Skill Competitions. Out of four, one student have been shortlisted for state level competitions.
- Training of SMAW,GMAW and GTAW processes was added in first year workshop

MULTIPURPOSE WELDING SETUP

II)   SKILL COMPETITION

Two students from GCE Bargur Selected for State level Skill competitions in Welding and Networking

Students are encouraged to register in District level Skill Competitions and training have been given to the student. There are 9 students participated in district level competitions in Welding, Networking, Mechanical CAD and Mechatronics, out of 9 students, 2 students have been selected for state level Skill competitions in the Category of Welding and Networking
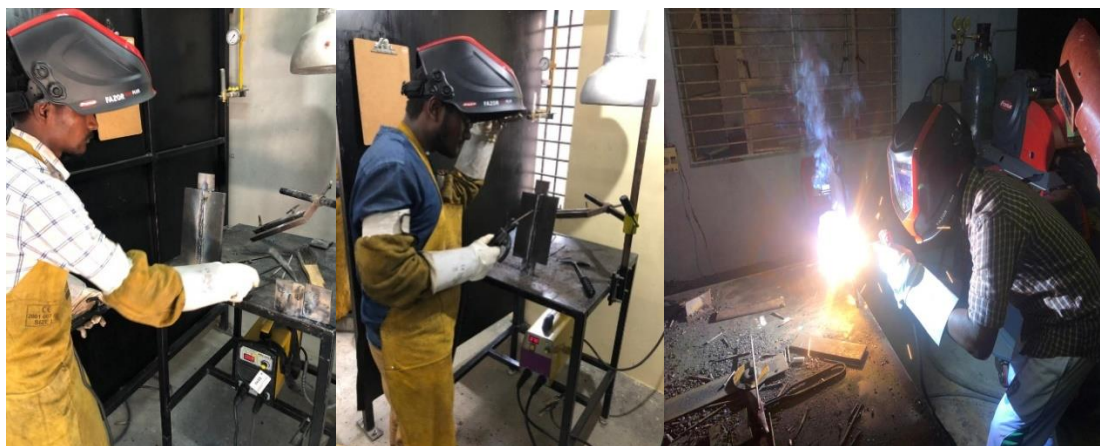
List of Students Trained and Participated in District level Skill Competitions

S.No.	Name of the Student	Year/Department	Skill	Status
1	Mr.D.Ajith Kumar	Final year/CSE	Networking	**Winner** (selected for State level)
2	Mr.K.Elumalai	Third year/Mech	Welding	**Winner** (selected for State level)
3	Mr.C.YuvaPrasanth	Third year/Mech	Welding	Participated in District level
4	Mr.N.Charan	Second year/Mech	Welding	Runner in District level
5	Mr.P.Logeshwaran	Second year/Mech	Welding	Participated in District level
6	Mr.Prithivraj	Second year/Mech	Mechanical CAD	Runner in District level
7	Mr.M.Pandimuneeshwaran	Second year/Mech	Mechanical CAD	Runner in District level
8	Mr.V.Rajesh	Third year/Mech	Mechatronics	Participated in District level
9	Mr.B.Samuel	Third year/Mech	Mechatronics	Participated in District level

Certificates of Merit – District level Skill competitions

Certificates of Merit – District level Skill competitions

CERTIFICATE OF MERIT

This is to certify that

Mr. **N. Charan (WSID-20556)**

has been awarded as RUNNER UP

at District Skill Competition 2020

in the **Welding**

skill category

held at

Krishnagiri District

23rd - 31st January - 2020

Organised By

Tamil Nadu Skill Development Corporation (TNSDC)

&

District Administration, Krishnagiri

ASSISTANT DIRECTOR,
DISTRICT SKILL TRAINING OFFICE,
KRISHNAGIRI DISTRICT

DISTRICT COLLECTOR /
CHAIRMAN,
DISTRICT SKILL COMMITTEE
KRISHNAGIRI

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CERTIFICATE OF MERIT

This is to certify that

Mr. **AJITH KUMAR D**

has been awarded as WINNER

at District Skill Competition 2020

in the **IT NETWORK CABLING** skill category

held at

BSNL VELLORE District

23rd - 31st January, 2020

ORGANIZED BY

TAMIL NADU SKILL DEVELOPMENT CORPORATION (TNSDC)

&

DISTRICT ADMINISTRATION **VELLORE**

ASSISTANT DIRECTOR
DISTRICT SKILL TRAINING OFFICE
VELLORE

DISTRICT COLLECTOR
VELLORE

CERTIFICATE OF MERIT

This is to certify that

Mr. **K. Elumalai (WSID-19906)**

has been awarded as WINNER UP

at District Skill Competition 2020

in the **Welding**

skill category

held at

Krishnagiri District

23rd - 31st January - 2020

Organised By

Tamil Nadu Skill Development Corporation (TNSDC)

&

District Administration, Krishnagiri

ASSISTANT DIRECTOR,
DISTRICT SKILL TRAINING OFFICE,
KRISHNAGIRI DISTRICT

DISTRICT COLLECTOR /
CHAIRMAN,
DISTRICT SKILL COMMITTEE
KRISHNAGIRI

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CERTIFICATE OF MERIT

This is to certify that

Mr. **S. Prithiviraj (WSID-20614)**

has been awarded as RUNNER UP

at District Skill Competition 2020

in the **Mechanical Engineering Design-CAD**

skill category

held at

Krishnagiri District

23rd - 31st January - 2020

Organised By

Tamil Nadu Skill Development Corporation (TNSDC)

&

District Administration, Krishnagiri

ASSISTANT DIRECTOR,
DISTRICT SKILL TRAINING OFFICE,
KRISHNAGIRI DISTRICT

DISTRICT COLLECTOR /
CHAIRMAN,
DISTRICT SKILL COMMITTEE
KRISHNAGIRI

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III) GREEN POWER:
On-grid solar grid, Double-fed induction generator (DFIG) and Fuel Cell Trainer setup

With the aim of reducing the electric bill and carbon footprint On-gridSolar grids has been installed.On-Grid Systems are solar pv systems that only generate power when the utility power grid is available. They are connected to the grid to function. They can send excess power generated back to the grid when you are overproducing. These systems will pay for themselves by offsetting utility bills in 3-8 yrs. They are cost effective.

10-KW ON-GRID SOLAR POWER PLANT – 5 Nos

DOUBLE FED INDUCTION GENERATOR(**DFIG**) **SETUP**

Nowadays, in the field of renewable energies, several types of electric machines are used as *generators* in wind energy conversion systems. Therefore, the *study* of *Double Fed Induction Generator*(**DFIG**) has regained importance because it has become the most popular *generators* for wind energy applications. It is based on an induction generator with a multiphase wound rotor and a multiphase slip ring assembly with brushes for access to the rotor windings.DFIG wind turbine has the capability of absorbing as well as generating reactive power, a DFIG wind farm thus can not only generate active power, but also generate or absorb the reactive power to stabilize the grid voltage. Hence to train the student community towards Green Power, the DFIG has been installed.

IV) FUEL CELL TRAINER SYSTEM

It is mainly designed to explore the electricity generation from the Fuel cell and effectively utilized to Electric Vehicle system. It provides better learning experience to the beginner as well as researchers. The EV system powered up with Fuel Cell and the complete behavior of the module has developed. All the data of Fuel cell and EV are available to the user for research purpose.

This trainer kit is designed for control of PMDC motor using the PEM (Proton Exchange Membrane) Fuel Cell. The working of the fuel cell can be analyzed. Motor control operation can be done in all four stages Forward Motoring, Forward Braking, Reverse motoring and reverse braking. DSPIC based PWM controller is interfaced with this power module for open/closed loop speed control application.

Features

- Highly safety involved trainer module
- USB Interface for data transfer
- The EV system is reprogrammable
- Embedded C and Graphic Program supported
- Fully automated and as well reprogrammable
- High-Resolution Power Converter is inbuilt
- Highly user-friendly
- Accurate control of forwarding, reverse and Breaking for EV Module

The objective of Fuel Cell Trainer Modules

- Working Principle and structure of the Fuel Cell
- Electricity Generation
- Modeling of Electric Vehicle with alternative fuel
- The effect of influencing factors on the characteristic curve of a fuel cell
- Learning to evaluate stack & system efficiencies, losses & Parasitic loads

The various applications are

- To analyze super capacitor property in energy storage materials
- To measure the electrochemical potential of materials so as to classify the rusting property of materials
- To measure the ionic conductivity and ion mobility in the materials
- To identify the materials for different sensor applications.

V) VIDEO CONFERENCING -IMPROVED COMMUNICATION FOR PRODUCTIVITY

The NPIU (National Project Implementation Unit) has encouraged the setting up of Video Conferencing unit in the project institutions with the aim to improve the mentor-Mentee institutions, encouraging online lecture delivery and improved governance and to harness the benefits listed below

- Reduced Travel Time and Costs.
- Optimised Attendance.
- Structured Meetings with Improved Communications.
- Increased Productivity.
- Employee Retention.
- Sustained Competitive Advantage

A complete VIDEO CONFERENCING SYSTEM has been setup and is effectively utilized at GCE, Bargur.

VI)   IMPROVING INFRASTRUCTURE FOR POST GRADUATE COURSES In ELECTRICAL ENGINEERING

To improve the teaching learning for PG students and research in Power Electronics and Drives, the following has been successfully established in the Electronics and Electrical engineering department.



AC AND DC DRIVES LAB EQUIPMENTS FOR PG

VII)   ENVISAGING THE FUTURE- CLOUD COMPUTING

Cloud storage enables to store data on hosted servers. To store all digital things like documents, photos, music and videos remotely, without taking up physical space in the personal computer. Hence to educate students about the technical details and real time working of cloud, the cloud computing lab has been setup. It will be used as a depository for lectures and data of students and faculty.
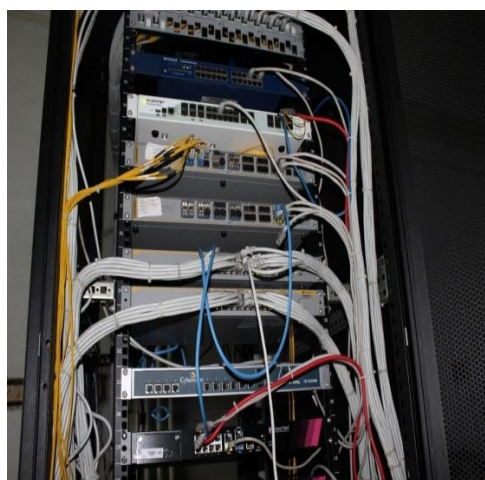
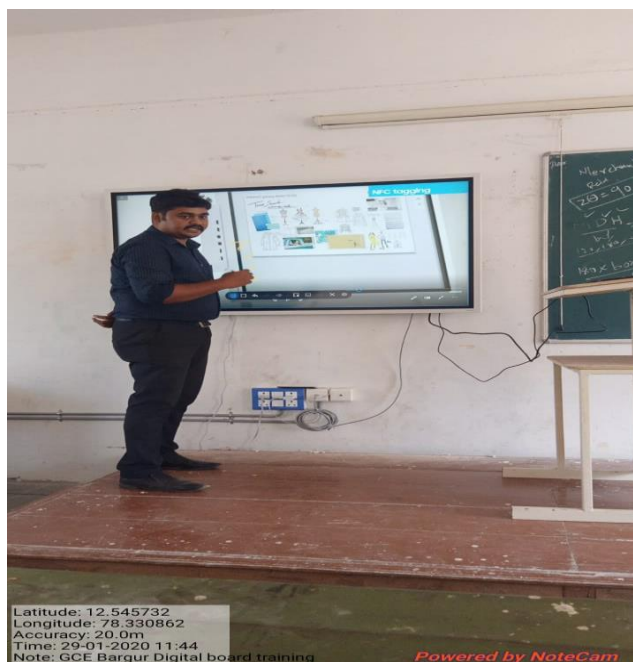

VIII) NASSCOM EXAM

NASSCOM Exam was held for students on 19.1.2020 and 20.1.2020. About 550 students participated in the Online Exam.
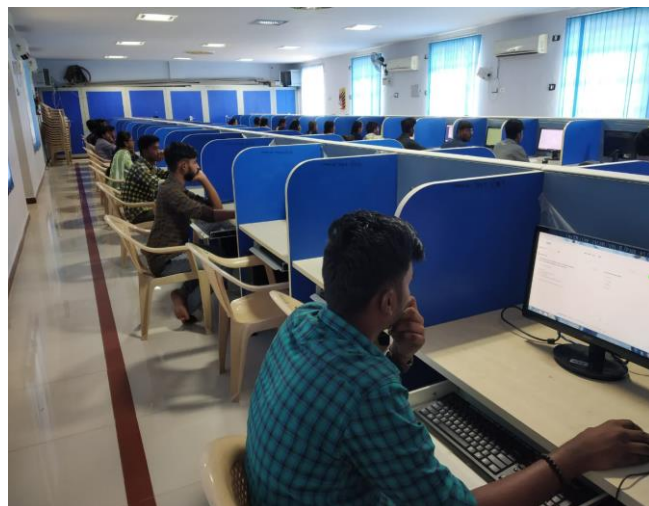
NASSCOM Exam was held for students on 19.1.2020 and 20.1.2020.

IX)   DIGITAL BOARD TRAINING

NPIU has provided 13 numbers of Digital Boards for this Institution. They have been installed and a training was given on 29.1.2020 by Samsung India.

Digital Board Training on 29.1.2020

X)   SPIU, BHOPAL:

A Team Comprising of the following Professors visited SPIU, Bhopal in a meeting held for Review of **TWINNING Activities and Sharing the Best Practices on 23.1.2020 and 24.1.2020.** The 1.1 institutions of Madhya Pradesh and Officials from Technical Education Department of Madhya Pradesh were the audience.

1. **Dr. T.Alwarsamy , Principal**
2. **Dr. T.K Shanthi ,HOD/ECE & Controller of Examinations**
3. **Dr. J.Nafeesa Begum, HOD/CSE & TEQIP FINANCE OFFICER**
4. **Mr. S.TamilPrabhakaran, AP / Mech& Assistant Procurement Officer [TEQIP-**

   III]

On the First day a Presentation on Twinning Activities was given and on the second day, Good Practices in the Department of Technical Education, Tamil Nadu**.**

Principal Secretary to Government of Madhya Pradesh for Technical Education on 24-1-2020 of Madhya Pradesh
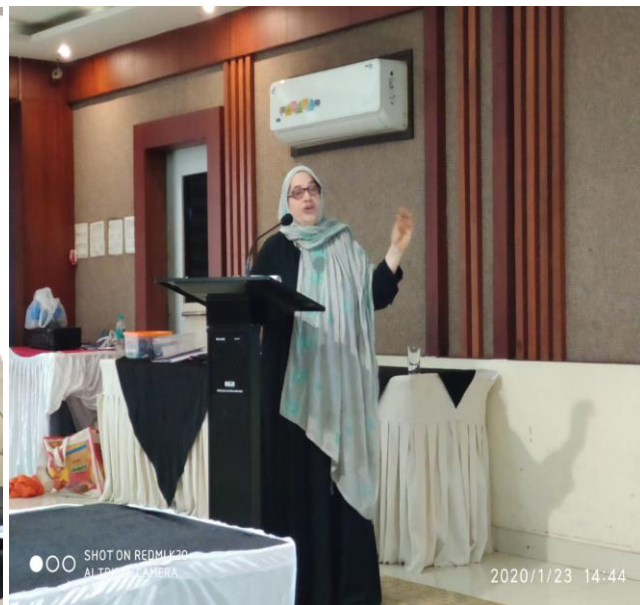
Highlighting Best Practices in Tamil Nadu.

GCE Bargur, GCT Coimbatore, GCE Salem along with officials of SPIU Madhya Pradesh, Bhopal

XI)   FACULTY DEVELOPMENT PROGRAMME

TEQIP-III Sponsored FDP on **"Material Testing and Characterization Techniques for Research"** 07.12.2019 to 13.12.2019 conducted by Mechanical Department.

FDP on Material Testing and Characterization Techniques for Research on 07.12.2019 to 13.12.2019

XII)   STUDENTS WORKSHOP

TEQIP III Sponsored Two Day Workshop on "Energy Audit in Motors and Mechanical Equipment" held on 30.1.2020 and 31.1.2020.

"Energy Audit in Motors and Mechanical Equipment" **held on 30.1.2020 and 31.1.2020**

XIII) APTITUDE TRAINING

Aptitude training was given to around 120 final year students during 27.1.2020 to 31.1.2020.

Aptitude training on 27.1.2020 to 31.1.2020.

XIV) FACULTY ATTENDING PROGRAMMES OUTSIDE THE INSTITUTION:

1. **Mr. J.Manimaran, AP/CSE attended the Professional Development Training Programme under TEQIP-III held at IIM, Trichy during 20.1.2020 to 22.1.2020.**

2. **Dr.T.Govindan has attended the short term training programme on " Making Mathematics Interesting and Understandable at NITTR, Bhopal during 27/1/2020 to 31/1/2020**

3. Mr. R.Ranjith attended the NASSCOM training on Internet of Things (IoT) conducted at IIT Bombay during 27-31, Jan 2020

4. Dr. Charles, AP/ECE attended the Professional Development Training Programme from Jan 28, 2020 to February 1, 2020 at IIM, Raipur.

XV)

TEQIP III Sponsored National Level two day workshop on NPIU programme at Coimbatore.

XVI) IE PROGRAM

TEQIP III Sponsored "Institute of Engineers" programme. Poster Design, Face Painting and many programs are held on 15.10.2019.

ANNEXURE – II

TEQIP - III
GOVERNMENT COLLEGE OF ENGINEERING, BARGUR
The following are the details of expenditure and Advances as per PFMS- M32

From June-2018 to 28-02-2020- (From the Beginning to 28.02.2020)

S.No.	Procurement of Goods	Academic processes	Operating Costs (IOC)	Total Expenditure(Rs)
1	2,01,35,925.00	1,84,62,583.00	15,45,996.00	4,01,44,504.00

From 14-01-2020 to 31-01-2020 (January – 2020)

S.No.	Procurement of Goods	Academic Processes	Operating Costs (IOC)	Total Expenditure (Rs)
1	21,45,240.00	3,65,371.00	28,100.00	25,38,711.00

From 01-02-2020 to 28-02-2020 – (February-2020)

S.No.	Procurement of Goods	Academic Processes	Operating Costs (IOC)	Total Expenditure (Rs)
1	9,58,650.00	15,01,845.00	38,086	24,98,581.00

TEQIP –III Activities
Details ofConference

Sl. No	Name of the Coordinator / Designation / Department	Details	No of Participations	Date	Amount
1	Dr.P.Thirumal/Asso.Prof/ MECH/	National Conference - **FUTURE ADVANCEMENTS IN WELDING AND SURFACE ENGINEERING**	144	26.07.2019 to 27.07.2019	2,48,400
				TOTAL	2,48,400

Details ofFaculties Attending FDP at Outside

Sl. No	Name of the Faculty / Designation / Department	Details	Date	AmountRs.
1	T.Govindan/AP/MATHS	Attending a two day Seminar on "Industrial Applications of Soft Computing" at TCE,Madurai	15.03.2019 to 16.03.2019	4,888
2	R.Ranjith/AP/ECE	Attending Faculty Development Programme (FDP) on "EMPOWERING TEACHERS IN 21st CENTURY EDUCATION " at NIT,Tiruchirapalli	29.04.2019 to 03.05.2019	11,973
3	M.Ananthababu/AP/MECH	Attending GIAN Course on "ADVANCED INTERNAL COMBUSTION ENGINES" at NIT,Tiruchirapalli .	06.05.2019 to 17.05.2019	10,520
4	M.Anbarasu/AP/MECH	Attending GIAN Course on "ADVANCED INTERNAL COMBUSTION ENGINES" at NIT,Tiruchirapalli .	06.05.2019 to 17.05.2019	10,790
5	M.Tamilprabakaran AP / MECH	Attending the Short term Course on "Numerical Analysis using MATLAB" at NIT,Tiruchirappalli	15.05.2019 to 19.05.2019	10,650
6	S.Selvi/ AP / CSE	Attending International Conference on "COMPUTER NETWORKS AND INVENTIVE COMMUNICATION TECHNOLOGIES" at Coimbatore	23.05.2019	19,178
7	R.Ranjith/AP/ECE	Attending a five Days QIP Short term Course on "A Comprehensive Introduction to IoT Design" at IIT,Mumbai	15.07.2019 to 19.07.2019	57,146
8	K.Manogaran/AP/ECE	Attending a five Days QIP Short term Course on "A Comprehensive Introduction to IoT Design" at IIT,Mumbai	15.07.2019 to 19.07.2019	53,416
9	T.K.Shanthi.,HOD/ECE	Participate the Programme on "Enhancing Leadership Capacities and Potential Among Professional Women" to be held on at IIM,Ahmedbad	16.07.2019 to 19.07.2019	3,66,428
10	J.NafeesaBegum.,HOD/CSE	Attending "SALESFORCE-FACULTY INTERACTION MEET" Otganized by ICT ACADEMY at Coimbatore	26.07.2019	3,225
11	G.Saraswathy.,HOD/S&H	Attending a five Days Short term Course on "Advanced Numerical Schemes for Scientists and Engineers" at IIT (BHU),Varanasi	12.08.2019 to 16.08.2019	19,367
12	R.Balamurugan/AP/CSE			
13	T.Govindan/AP/MATHS			
14	M.Elangovan/AP/ECE	Attending the five Second International Conference on Communication and Signal Processing at Motilal Nehru Institute of Technology,Allahabad	21.10.2019 to 23.10.2019	22,739
15	R.Ranjith/AP/ECE	Attending the five Second International Conference on Communication and Signal Processing at Motilal Nehru Institute of Technology,Allahabad	21.10.2019 to 23.10.2019	22,739
			TOTAL	6,13,059

Details of FDP (Faculty Development Programme)

Sl. No	Name of the Coordinator / Designation / Department	Details	No of Participations (Faculties)	Date	Amount Rs.
1	A.Thangaraj/AP/EEE	One Week Faculty Development Programme for Faculty Members of Engineering College and Polytechnic Colleges on "**RECENT DEVELOPMENTS IN ENERGY STORAGE TECHNOLOGY**".	37	12.06.2019 to 18.06.2019	1,59,246
2	K.Mohan/AP/EEE	One Week Faculty Development Programme for Faculty Members on "**SOLAR PHOTOVOLTAIC SYSTEM DESIGN AND APPLICATIONS**".	45	20.06.2019 to 26.06.2019	2,44,935
3	M.AnanthaBabu/AP/ MECH	Five Days Faculty Development Programme for Faculty Members on "**WORKSHOP ON NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL (NAAC)**".	39	24.06.2019 to 28.06.2019	1,87,007
4	G.Saraswathy/Asso.Pro./ CHMISTRY	One Week Faculty Development Programme for Faculty Members on "**CURRENT PRACTICES IN NANO-ENGINEERING**".	33	25.06.2019 to 01.07.2019	2,42,562
5	I.Ashok Kumar/AP/MECH	One week Faculty Development Programme for Faculty Members on "**RECENT TRENDS IN BIO AND NANO COMPOSITE MATERIALS**".	41	01.07.2019 to 07.07.2019	2,64,310
6	D.Thirumalaikumarasamy/AP/MECH	One week Faculty Development Programme for Faculty Members on "**RECENT INNOVATIONS AND RESEARCH TRENDS IN NANOMATERIAL AND SURFACE COATING**".	40	01.08.2019 to 07.08.2019	2,06,806
7	R.Manikumar/AP/ECE	Five Days Faculty Development Programme for Faculty Members & Research Scholars on "**WIRELESS AND CYBER SECURITY**".	43	05.08.2019 to 09.08.2019	2,25,881
8	D.Karthikeyan/AP/ PHYSICS	Two weeks Faculty Development Programme for Faculty Members on "**HANDS ON TRAINING: SYNTHESIS AND CHARACTERIZATION OF NANOMATERIALS**".	55	19.08.2019 to 01.09.2019	4,50,114
9	S.TamilPrabhakaran/AP/MEch	One week Faculty Development Programme for Faculty Members on "**MATERIAL TESTING CHARACTERISATION TECHNIQUES FOR RESEARCH**"	34	07.12.2019 to 30.12.2019	1,93,435
				TOTAL	21,74,296

Details of **SDP**(Staff Development Programme)

Sl. No	Name of the Coordinator / Designation / Department	Details	No of Participations (Staffs)	Date	Amount
1	J.Nafeesa Begum/HOD/ CSE	One Day Staff Development Programme for Staff Members on "**TEAM WORK & POSITIVE WORK CULTURE**".	33	01.08.2019	16,644
				TOTAL	16,644

Details of Mentoring / Twinning Activities

Sl. No	Name of the Coordinator / Designation / Department	Details	Date	Amount
1	Dr.P.Thirumal/Asso.Prof/ MECH/TEQIP-III COORDINATOR	Delivered lecturing at Twinning Institute, **BBEC,Kokrajhar**	15.05.2019 to 17.05.2019	36,841
2	Dr.I.Thangaraju/AP/EEE	Delivered lecturing at Twinning Institute, **BBEC,Kokrajhar**	15.05.2019 to 17.05.2019	36,841
3	A.Thangaraj/AP/ EEE	Delivered lecturing at Twinning Institute, **BBEC,Kokrajhar**	15.05.2019 to 17.05.2019	36,841
4	CMT Karthigeyan/AP/CSE	Delivered lecturing at Twinning Institute, **BBEC,Kokrajhar**	15.05.2019 to 17.05.2019	36,841
5	CMT Karthigeyan/AP/CSE	Delivered lecturing "Use of Microsoft Office and Tools for Engineering" at **BBEC, Kokrajhar**	23.08.2019 to 24.08.2019	19,810
6	M.Gowrishankar/AP/CSE	Delivered lecturing "Use of Microsoft Office and Tools for Engineering" at **BBEC, Kokrajhar**	23.08.2019 to 24.08.2019	22,810
7	Dr.T.Alwarsamy/PRINCIPAL	Attending the 5th BoG of Twinning Partner of the Insitution at **BBEC, Kokrajhar**	02.09.2019	60,501
8	Dr.J.Nafeesa Begum/ HOD/CSE/TEQIP-III FINANCIAL NODAL OFFICER			
9	M.Elangovan/AP/ECE			
10	Dr.T.K.Shanthi/HOD/ECE	Attending the 6th Round BoG of Twinning Partner of the Institution at **BBEC, Kokrajhar**	12.09.2019	20,178
11	Dr.G.Saraswathy/HOD/CHEM	Conducting Special Class for B.Tech I Year Students at **BBEC, Kokrajhar**	21.10.2019 to 25.10.2019	26,911
12	S.Parameshwaran/AP/CHEM	Conducting Special Class for B.Tech I Year Students at **BBEC, Kokrajhar**	21.10.2019 to 25.10.2019	20,441
			TOTAL	3,18,015

Details of Students Implant training Details

Sl. No	Department	Company	Date
1	EEE - IV	BHEL, Ranipet	20.05.2019 to 25.05.2019
2	EEE-IV	ALL INIDIA RADIO, TRICHY	13.05.2019 to 17.05.2019
3	EEE-III	SOUTHERN RAILWAY CENTRAL WORKSHOP	10.06.2019 to 15.06.2019
4	MECH	AUTOCAD at CODEBIND TECHNOLOGIES, Coimbatore	16.06.2019 to 20.06.2019
5	MECH	SOUTHERN RAILWAY CENTRAL WORKSHOP	10.05.2019 to 15.05.2019

Details of Students Internship

Sl. No	Department	Company	No of Students
1	EEE	BHEL, Ranipet	4
2	EEE	BSNL, Chennai	9
3	EEE	BHEL, Ranipet	4
4	CSE	BSNL,Dharmapuri	44
5	ECE	BSNL, Chennai	21
6	MECH	NSIC,Chennai	4
7	CSE	PROGNAMIK TECHNOLOGIES Pvt Ltd,Tirunelveli	1
8	CSE	NSIC,Chennai	1
9	CSE	SKY APPZ SOFTWARE PVT Ltd,Salem.	2

Details of Students Workshop Training

Sl. No	Name of the Coordinator / Designation / Department	Details	No of Participations (Students)	Date	Amount
1	P.K.Palani/HOD/MECH	Academic Weak Support Programme – 1.Dynamics of Machines,2.Design of Machine Elements & 3.Engineering Metallurgy	28	01.03.2019 to 02.03.2019 & 08.03.2019 to 09.03.2019	37,590
2	R.Subathra/AP/CSE	Web Designing	54	13.03.2019 to 14.03.2019	29,190
3	D.Karthigeyan/AP/PHYSICS	ART OF LIVING ” for I Year GCEB Students	213	13.03.2019 to 26.04.2019	1,43,706
4	A.Thangaraj/AP/EEE	Embedded Controllers for Electrical Engineers	47	20.03.2019 to 22.03.209	51,256
5	S.Selvi/AP/CSE	Implementation Of Product Based Projects	61	25.03.2019	17,846
6	I.Ashok Kumar/AP/MECH	Carrier Guidance Programme	120	25.03.2019 to 26.03.2019	59,998
7	S.Tamilprabakaran/AP/ MECH	Introduction to Intellectual Property Rights (IPR)	124	22.03.2019 to 23.03.2019	63,315
8	G.Saraswathy/Asso.Prof/ CHEMISTRY	CONSTITUTION OF INDIA		23.03.2019, 30.03.2019 & 13.04.2019	27,000
9	S.Sankar Ganesh/AP/ MECH	3D Printing	50	24.03.2019	19,729
10	M.Anabarsu/AP/MECH	Geometric Dimensioning and Tolerancing (GD & T)	50	29.03.2019 to 30.03.2019	46,052
11	M.AnanthaBabu	Industrial Automation (PLC & DRIVERS)	47	29.03.2019 to 30.03.209	45,576
12	J.Nafeesa Begum/HOD/CSE	Academic Weak Support Programme – Compiler Design	62	30.03.2019 to 31.03.2019	8,240
13	P.Thirumal/Ass.Prof./ MECH	Designing and Product Development	36	08.04.2019 to 09.04.2019	55,896
14	M.Arulkumar/AP/ECE	Advanced VLSI and Processing Application on FPGA-Hands on	5	15.04.2019	12,674
15	A.JesuSteephanSamy/AP/ENGLISH	EFFECTIVE COMMUNICATIONS IN ENGLISH	104	27.04.2019 to 28.04.2019	48,600
16	S.Selvi/AP/CSE	Open Source Cloud Services And Virtualization Technology	4	03.05.2019 to 04.05.2019	18,690
17	G.Indirani/AP/CSE	R Programming	62	03.07.2019 to 04.07.2019	36,178
18	R.Subathra/AP/CSE	Joy of Programming	53	05.07.2019 to 06.07.2009	26,369
19	A.Thangaraj/AP/EEE	ELECTROMAGNETIC THEORY AND ITS APPLICATIONS	54	12.07.2019 to 14.07.2019	55,288
20	I.Thangaraju/AP/EEE	Internet of Things (IoT)	57	15.07.2019 to 17.07.2019	78,660
21	V.Arivumani/AP/EEE	MICRO ELECTRO MECHANICAL SYSTEMS	57	05.07.2019 to 07.07.2019	40,000
22	A.Thangaraj/AP/EEE	Electric Circuit Theory and its Application	54	23.07.2019 to 27.07.2019	53,565
23	R.Ranjith/AP/ECE	Introduction To Html/Css And Sql Server Programming	45	31.07.2019 to 01.08.2019	28,695
24	D.Karthigeyan/AP/PHYSICS	Professional Ethics And Strees Management	61	19.08.2019 to 20.08.2019	58,000
25	C M T Kartigeyan/AP/CSE	.NET BOOT CAMP	62	27.08.2019 to 28.08.2019	25,079
26	V.Adhimoorthy/AP/ECE	Stress Management By Yoga	9	03.09.2019 to 05.09.2019	11,608
27	M.Arulkumar/AP/ECE	Implementation Of Analog/Digital Communication Techniques Using MATALAB-Hands on	47	17.09.2019 to 18.09.2019	24,600
28	M.Kavitha/AP/ECE	MICROWAVE MESUREMENT TECHNIQUES – HANDS ON TRAINING	45	30.09.2019 to 01.10.2019	27,860
				TOTAL	11,23,400

NPTEL

The following Students attended **NPTEL** Online Examination and the registration fees was reimbursed

Sl.No	Name of the Students	Department
1	G.Deen Angel Jyothi	ECE
2	V.Hemalatha	ECE
3	C.Karthick	CSE
4	M.Kaviarasi	ECE
5	G.Kokila	EEE
6	M.Mahalakshmi	ECE
7	J.Muruganantham	CSE
8	A.Nathiya	ECE
9	M.Naveena	CSE
10	C.Prasanth	ECE
11	T.Ragavi	ECE
12	S.Surya	CSE
13	S.Thulasiraman	ECE
14	M.Salma	EEE
15	K.S.Mohanavel	CSE
16	R.Sridinesh	CSE
17	M.Karthick Raja	CSE
18	M.Manisha	ECE
19	R.Rashmi	ECE
20	A.Haripriya	CSE
21	M.Sandhiya	ECE
22	R.Krishnakumar	ECE
23	V.Aravindh	ECE
24	S.Karthi	CSE
25	S.Devika	ECE
26	M.Madhuprakash	CSE
27	M.Rajasundar	CSE
28	M.Lavanya	ECE
29	K.SathyaBaskar	ECE
30	R.Aravindswamy	CSE
31	S.Manoselvamani	EEE
32	J.K.Jayapriya	ECE
33	V.Monica	ECE
34	P.Preetha	ECE
35	A.Nathiya	ECE
36	V.Manisha	ECE
37	V.Hemalatha	ECE
38	S.Sridevi	ECE
39	R.Bhavishya	ECE
40	S.Ayisha	ECE
41	R.Anitha	ECE
42	Dhivakar.V	ECE
43	U Hariharan	ECE
44	Sridinesh	CSE
45	Karthick.C	CSE
46	Rajesh V	MECH

ANNEXURE-III

TEQIP-III Annual Action Plan: 2019-20

Subcomponent 1.3: Twinning Arrangement

Name of the Institute : Government College of Engineering, Bargur

(Amount in Rs.)

Heads		Sub-Heads	Quarter-4						Total Expenditure Estimates
			January,2020		Feburary,2020		March,2020		
			Specific Activities	Estimated Exp.	Specific Activities	Estimated Exp.	Specific Activities	Estimated Exp.	
Procurement of goods	1.3.1.1	**Equipments** (for hostel, sports and any non academic activity not permitted)	**1.20 KVA Ups (1000000)Ultra HD 4K Projector 8,11,250 Vibration Measurement Training Module Kit 9,58,650 Educational Colloborative Device 8,00,000 Pin on Disc Wear testing machine 10,00,000 3D Printing Machine 20,00,000 IOT Lab 10,00,000 Mac computers 8,75,000 Gas Turbine Test Rig 20,00,000 10 KVA UPS 9,50,000 Pulse Plating Machine 20,00,000 Central RO System 6,50,000**	**14044900**	**Nil**	**0**	**Nil**	**0**	**14044900**
	1.3.1.2	**Learning resources** (e-books, e-journals, softwares, text book etc.)	**Simulation software**	**1000000**	**Nil**	**0**	**Nil**	**0**	**1000000**
	1.3.1.3	**Furniture** (for hostel, sports and any non academic activity not permitted, but allowed for TEQIP Cell)	3 seaters for seminar Hall	**1000000**	**Nil**	**0**	**Nil**	**0**	**1000000**
	1.3.1.4	**Minor civil works** (for hostel, sports and any non academic activity not permitted, no new building), (repair, maintenance & extension allowed)	**Refurbishement of classrooms**	**1000000**	**Nil**	**0**	**Nil**	**0**	**1000000**

	1.3.2.1	**Improve student learning**(The activities include:IIT/ NIT training to students at IIT/NIT or in parent institute; Induction Training;GATE Preparation Classes; Career Counselling, Student Counselling; Psychometric/ Diagnostic Test; Remedial Classes; Peer Learning; Student Visits to IIT & R&D organizations; GATE Registration Fee (only for final year students); Institutional memberships for professional societies eg, IEEE, ACM, IETE, CSI, Automotive Engineering, ISTE, IE(I), ASCE, ASME, for student chapters; Sponsorship of 20% on academic activities in Tech Fest; Registration Fees and TA/DA for students participating in Tech Fest of IIT/NIT; GATE Orientation Programme, etc.)	**Conducting workshops for students to improve learning ,Remedial Classes .**	350000	**Conducting workshops for students to improve learning**	200000	**Conducting workshops for students to improve learning**	200000	750000
	1.3.2.2	**Research Assistantships** (The activities include: Research Assistantship for full time Ph.D. students excluding QIP candidates, etc.)	**1 fulltime Ph.D students @ Rs.15000 per candidate**	15000	**1 fulltime Ph.D students @ Rs.15000 per candidate**	15000	**1 fulltime Ph.D students @ Rs.15000 per candidate**	15000	45000
	1.3.2.3	**Graduates employability**(The activities include:Start up activity; Soft Skill training (Industry Readiness); Finishing Schools, etc.)	**Softskill Training for second year students all branches**	200000	**Softskill Training third year all branches**	200000	**Softskill Training for First Year Students about 240**	200000	600000
	1.3.2.4	**Faculty/Staff Development and motivation** (The activities include: Short Term Training Programmes (STTP) in house; Registration fee and TA/DA for STTP in other reputed institutes; IIT training to faculty at IIT or in parent institute; Attending Conferences/ Seminars/Workshops; Qualification Upgradation; Support Staff training, etc.)	**Need based training/ workshop/conference one faculty per department for 4 faculty (200000)**	200000	**Need based training/ workshop/conf erence**	200000	**Need based training/ workshop/conferen ce, NPTEL Fees Reimbursement(30000)**	230000	630000
	1.3.2.5	**Research and development** (The activities include: Attending Conferences/ Seminars/ Workshops for UG/PG/Ph.D students within or outside institute; Spares and consumables for UG/ PG student research projectp; Seed Money for R & D for faculty research projects; Publication in peer reviewed journals having citation & impact factor and scopus index; Fees for patent filing for faculty and students, etc.)	**Faculty attending conferences**	100000	**R and D Workshops**	200000	**SEED MONEY FOR PROJECT**	400000	700000
	1.3.2.6	**MOOCs and digital learning** (The activities include: Certification fees for online courses (MOOC's); Development of MOOC's/ Online courses, etc.)	**Certification Fees for Online Courses**	100000	**Nil**	0	**Nil**	0	100000
	1.3.2.7	**Mentoring/Twinning system**(should at least spend 5% of the PLA,include non- remunerative activities like:Two way faculty, staff and student exchange programs for training and academic activities; Joint R & D; Arranging seminars, academic meetings and conferences for students and faculty; Organising Industry partnerships for joint R&D,	**Travel cost for 8 faculty to mentee institution(200000) . Project Contest atGCE Bargur for BBEC Students(200000).**	400000	**Travel cost for 8 faculty to mentee institution**	200000	**1. Travel cost for 4 faculty to mentee institution (200000) 2. Signing of MoU with Industries at GCE , Bargur (200000).**	400000	1000000

				Jan		Feb		Mar	
		internship and placement activities; Learning forums for improving governance practices, institutional management and reforms; Joint Advisory or consultancy services; any other activities as deemed mutually appropriate)							
	1.3.2.8	**Reforms, governance** (The activities include: Academic Reforms (ICC, BoS, Academic Council/ Senate, BoG); Accreditation & UGC Autonomy; Student Feedback & Faculty Appraisal, etc)	**Conduct of IQAC Meeting, BOS Meeting,BoG and Academic Council meeting**	**500000**	**Nil**	**0**	**Conduct of IQAC Meeting, BOS Meeting,BoG and Academic Council meeting refund for institute fund**	**500000**	**1000000**
	1.3.2.9	**Management Capacity development** (The activities include: Management Capacity Building programmes at IIM; NPIU workshops, etc.)	**2 faculty for 1. Leadership Development ,iim, lucknow (Registration fees @ 45000 per faculty = 90000 and Travel cost)**	**150000**	**Nil**	**0**	**2 faculty forInterpersonal Effectiveness and Team Building, IIM,Indore**	**150000**	**300000**
	1.3.2.10	**Hiring Consultancy Services**It does not require activity plan (It will be required for all above activities for which the methods given in procurement shall be adopted)	**Internal Auditor charges and statuary audit**	**30000**	**Nil**	**0**	**Nil**	**0**	**30000**
	1.3.2.11	**Industry-Institute Interaction** (The activities include: Internships; Industry expert lectures; Placement Activities & Hospitality; Industry Visits, etc.)	**Industry expert lecture one each department @ Rs.10000 (40000)**	**40000**	**Industry expert lecture one each department @ Rs.10000 (40000)**	**40000**	**Industry expert lecture one each department @ Rs.10000 (40000)**	**40000**	**120000**
Operating Cost	1.3.3.1	Consumables	**Toners**	**40000**	**Electrical cabling for installing equipment**	**200000**	**Nil**	**0**	**240000**
	1.3.3.2	Operation and maintenance of equipments	**Nil**	**0**	**Nil**	**0**	**Nil**	**0**	**0**
	1.3.3.3	**Office expensses** (The activities include: stationary; printing, etc.)	**Stationery ,printing ,pendrives**	**20000**	**Stationery ,printing**	**5000**	**Stationery ,printing**	**5000**	**30000**
	1.3.3.4	**Meetings** (only project related meetings)	**NPIU MEETINGS**	**60000**	**NPIU MEETINGS**	**60000**	**NPIU MEETINGS**	**60000**	**180000**
	1.3.3.5	**Hiring of Vehicles** (only for project activities)	**Nil**	**0**	**Nil**	**0**	**Nil**	**0**	**0**
	1.3.3.6	**Travel Cost** (only for project activities)	**Nil**	**0**	**Nil**	**0**	**Nil**	**0**	**0**
	1.3.3.7	**Salary** (for TEQIP office staff)	**Salary for office staff**	**30000**	**Salary for office staff**	**30000**	**Salary for office staff**	**30000**	**90000**
TOTAL			**January , 2020**	**19279900**	**Feburary , 2020**	**1350000**	**March, 2020**	**2230000**	**22859900**

GOVERNMENT COLLEGE OF ENGINEERING, BARGUR 635104

(Autonomous Institution under Anna University,Chennai)

TEQIP-III

GATE 2020 TRAINING PROGRAMME

1.	Training Institute	: M/S Gate Forum Educational Services and Private Limited, Think cell learning solutions Pvt. Ltd
2.	**No of Hours planned**	: 300 hrs
3.	**Total No of Students in Final Year**	: 212 (MECH-48, EEE-57, ECE-45, CSE-62)
4.	**Contract Cost per Student**	: Rs. 19,470 (Rupees Nineteen thousand four hundred and seventy only)
5.	**Total cost(212×19,470)**	: Rs. 41,27,640 (Rupees forty one lakh twenty seven thousand six hundred and forty only)
6.	**Class Started for all the Departments on**	: 12.07.2019

7.	**Last class Date (300 hrs completion)**	: 11.01.2020-MECH
		  25.01.2020-ECE
		  12.01.2020-EEE
		  25.01.2020-CSE

8.	**No of Students Registered for GATE2020 Examination**	:209 (out of 212)
		  1.ECE-45(out of 45)
		  2.CSE-62(out of 62)
		  3.EEE-56(out of 57-1 discontinues student)
		  4.MECH-46(out of 48-2 discontinues stuedents)

GOVERNMENT COLLEGE OF ENGINEERING, BARGUR 635104

(Autonomous Institution Affiliated to Anna University, Chennai)

TEQIP-III

EMPLOYABILITY SKILL TRAINING PROGRAMME 2020

1.	**Training Institute**	: M/S ETHNUS CONSULTANCY SERVICES PRIVATE LIMITED, BENGALURU
2.	**No of Hours planned**	: 200 hrs
3.	**Total No of Students in Final Year**	: 212 (CSE – 56, ECE – 50, EEE – 56, MECH – 50)
4.	**Contract Cost per Student**	: Rs. 6,136 (Rupees Six thousand one hundred and thirty six only)
5.	**Total cost(212×19,470)**	: Rs. 13,00,832/- (Rupees Thirteen lakhs eight hundred and thirty two only)
6.	**Class Started for all the Departments on**	: 12-07-2019
7.	**Last class Date (Completion of 200 hrs of training)**	: 30-11-2019

ANNEXURE- IV

E-Tender Advertisement

DEPARTMENT OF TECHNICAL EDUCATION
GOVERNMENT COLLEGE OF ENGINEERING
(An Autonomous Institution)
BARGUR - 635104, Ph : 0434 3266101, FAX: 0434 3265990

E-PROCUREMENT TENDER NOTICE

e-Tenders are invited under two bid system for the supply and installation of equipments as detailed below for the establishment of EMI-EMC Pre-Compliance Lab setup at Government College of Engineering, Bargur

File No. GCEB / EMI-EMC / A2/ 2020 / Advertisement Dated. 03.02.2020

Sl. No.	Brief Description of the Equipments	Last Date & Time for Tender Submission
1	Pre-Compliance Conducted Emission test set-up	19th Feb 2020 at 03.00 PM
2	Pre- Compliance Conducted Transient Immunity test set-up	
3	Pre- Compliance Radiated Emission test set-up	
4	Setting up of Anechoic Chamber needed for the EMI/EMC pre-compliance test set-up	
5	Calibrating equipment for Electrical instruments	
6	Calibrating equipment for Mechanical instruments	
7	Pressure Gauges with NABL traceable certificate	
8	Computers, printers and other consumables for the laboratory	

The tender document along with detailed specifications of the equipments can be downloaded from the Tamilnadu Government e-Tender Website www.tntenders.gov.in Interested vendors may visit the above website and upload your quotations through online only. Corrigendum if any, issued after publication of this Tender notice will be published in the above e-Tender Website. You may please visit the site regularly.

Principal
Government College of Engineering,
Bargur – 635 104 (Tender Inviting Authority)

DIPR/ 672 /TENDER/2020

Technical Education Division : Vellore

Technical Education Sub Division :
Dharmapuri.

Name of the college: Government College of Engineering at Bargur in Krishnagiri District

S.No	Name of the Building Required	Plinth area in m2	Estimate Amount (Rs in Lakhs)	Remarks
I	**Requirement of New Building**			
1	Construction of PG Class room Building	1480	364.00	New Building Required
2	Construction of Principal Quarters	365	60.00	New Building Required
3	Construction of Additional Class room building for Mechanical Department	610	110.00	New Building Required
4	Construction of Additional Class room building for Computer Science Department	972	175.00	New Building Required
5	Construction of Professor quarters	1136	265.00	New Building Required
6	Construction of Silver Jubliee Arch and other amenities	Front side	30.00	New Building Required
7	Construction of compound wall	860.00 Rm	55.25	To Safeguard the Institution Campus
8	Lift arrangements in ADM Block	-	45.00	Requirement as per AICTE Norms
		Total =	1104.25	

2/12/19

PRINCIPAL
Government College of Engg.
BARGUR-635 104
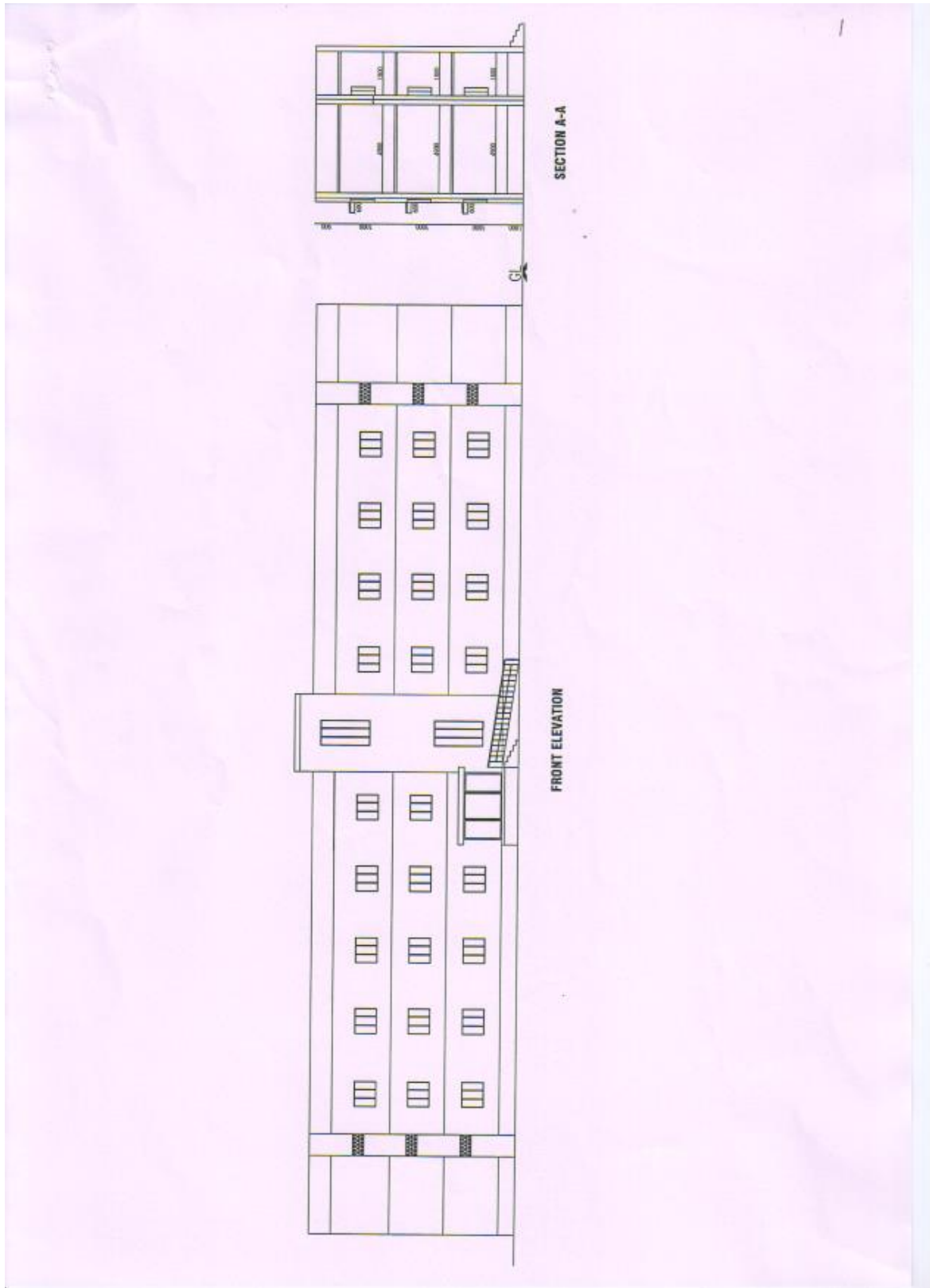
Ongoing Construction of Boys hostel buildings, reading room and GYM

SECOND FLOOR PLAN

GROUND FLOOR PLAN

FIRST FLOOR PLAN
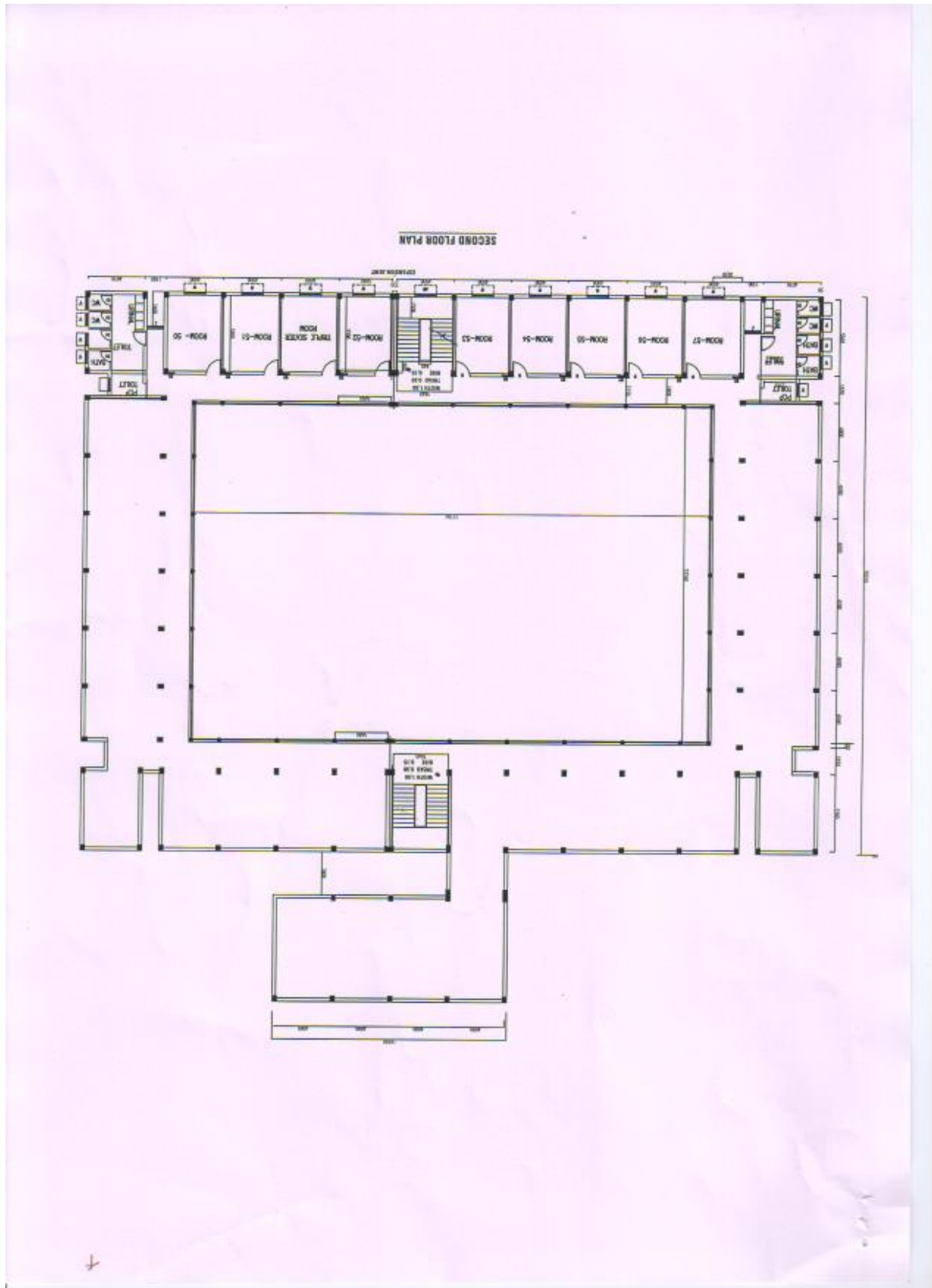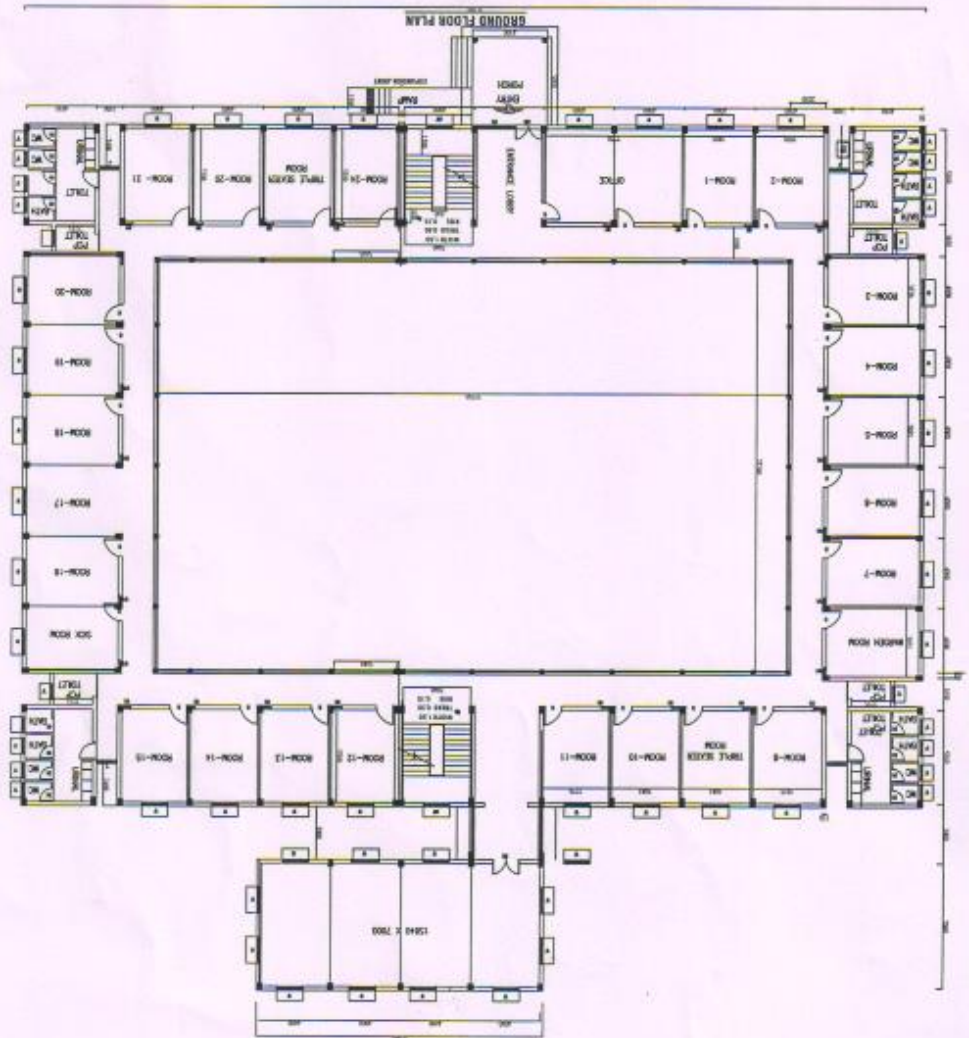
WOMEN SAFETY- INITIATIVES

With the view to protect the girl children, An Awareness programme on **Kavalan app and The Protection of Children from Sexual Offences (POCSO)** *Act was conducted on 20.12.2019. Police officials from Bargur addressed the Female students and interacted with them and explained the importance of self defense* **.**

ANNEXURE VI
GOVERNMENT ENGINEERING COLLEGES
RESULT ANALYSIS- PASS PERCENTAGE

BRANCH :   **CSE**

S.NO	YEAR	SUBJECT NAME	2019-20
1		Transforms and Partial Differential Equations	49.18%
2		Digital Principles and Systems Design	77.04%
3		Object Oriented Programming Using C++ and Java	90.16%
4		Fundamentals of Data Structures	91.80%
5	II YEAR	Environmental Science and Engineering	96.72%
6		Professional Ethics and Human Values	90.16%
7		Digital Principles and Systems Design Laboratory	100%
8		Object Oriented Programming using C++ and Java Laboratory	100%
9		Data Structures Laboratory	100%
1		Discrete Mathematics	85.18%
2		Embedded Computing Systems	98.14%
3		Computer Networks	98.14%
4	III YEAR	Theory of Computation	92.59%
5		Artificial Intelligence	98.14%
6		Essentials of Information Technology	98.14%
7		Computer Networks Laboratory	100%
8		Embedded Computing Systems Laboratory	100%
1		Cryptography and Network Security	77%
2		Graph Theory and Applications	77%
3		Grid and Cloud Computing	79%
4	IV YEAR	Resource Management Techniques	74%
5		Ad hoc and Sensor Networks/Service Oriented Architec	82%
6		Data Analytics/Information Retrieval	81%
7		Security Laboratory	100%
8		Grid and Cloud Computing Laboratory	100%

GOVERNMENT ENGINEERING COLLEGES
RESULT ANALYSIS- PASS PERCENTAGE

BRANCH : ECE

S.NO	YEAR	SUBJECT NAME	2019-20
1		Transforms and Partial Differential Equations	29.31%
2		Electronic Devices and Circuits	55.17%
3		Electromagnetic Fields	74.13%
4		Signals and Systems	55.17%
5		Environmental Science and Engineering	100%
6	II YEAR	Data Structures and Object-Oriented Programming Language	74.13%
7		Basic Electrical and Instrumentation Engineering	50%
8		Data Structures and Object Oriented Programming Language Laboratory	100%
9		Circuits and Devices Laboratory	100%
10		Electrical Engineering Laboratory	89.65%
1		Digital Signal Processing	93.87%
2		Control System Engineering	97.95%
3		Analog Communication	85.71%
4		Transmission Lines and Waveguides	77.55%
5	III YEAR	VLSI Design	100%
6		Internet of Things	63.26%
7		Professional Ethics	100%
8		Analog Communication Laboratory	100%
9		DSP and VLSI Laboratory	100%
1		Radar and Navigational Aids /OptoElectronic Devices	57.14%
2		RF and Microwave Engineering	93.18%
3		Optical Communication and Networks	79.55%
4		Embedded and Real Time Systems	58.14%
5		Satellite Communication	100%
6	IV YEAR	CMOS Analog IC Design	84%
7		Electronic Testing	90%
8		Electronics Packaging	100%
9		Web Technology	30%
10		Advanced Computer Architecture	33.33%
11		Embedded Laboratory	100%
12		Optical and Microwave Laboratory	100%

ANNEXURE VI
GOVERNMENT ENGINEERING COLLEGES
RESULT ANALYSIS- PASS PERCENTAGE

BRANCH :   **EEE**

S.NO	YEAR	SUBJECT NAME	2019-20
1	I YEAR	Transforms and Partial Differential Equations	40.62%
2		Object Oriented Programming	90.62%
3		DC Machines and Transformers	85.93%
4		Analog Electronics	93.75%
5		Environmental Science and Engineering	95.31%
6		Electromagnetic Theory	98.43%
7		Analog Electronics Laboratory	100%
8		DC Machines and Transformers Laboratory	100%
9		Object Oriented Programming Laboratory	100%
1	III YEAR	PowerSystem Analysis	94.54%
2		Control Systems	89.09%
3		Synchronous and Asynchronous Machines	80%
4		Professional Ethics	83.63%
5		Communication Engineering	100%
6		Internet of Things	86.66%
7		Biomedical Instrumentation	94.87%
8		Synchronous and Asynchronous MachinesLaboratory	100%
9		Control and Instrumentation Laboratory	100%
10		Communication and Soft Skills-Laboratory Based	100%
1	IV YEAR	High Voltage Engineering	73.21
2		Protection and Switchgear	83.63
3		Special Electrical Machines	87.5
4		Principles of Management	89.29
5		Power Quality	80.35
6		Micro Electro mechanical Systems	85.71
7		Power System Simulation Laboratory	100
8		Comprehension	100

ANNEXURE VI
GOVERNMENT ENGINEERING COLLEGES
RESULT ANALYSIS- PASS PERCENTAGE

BRANCH :   **MECHANICAL ENGINEERING**

S.NO	YEAR	SUBJECT NAME	2019-20
1	II YEAR	Engineering Mechanics	55.35%
2		Transforms and Partial Differential Equations	27.58%
3		Manufacturing Technology I	69.64%
4		Engineering Thermodynamics	57.14%
5		Fluid Mechanics and Fluid Machinery	55.35%
6		Basic Electronics Engineering	58.92%
7		Fluid Mechanics and Fluid Machinery Laboratory	100%
8		Machine Drawing	100%
1	III YEAR	Design of Machine Elements	72.34%
2		Heat and Mass Transfer	85.10%
3		Dynamics of Machines	68.08%
4		Operations Research	80.85%
5		Energy Engineering	95.74%
6		Automobile Engineering	68.08%
7		Heat and Mass Transfer Laboratory	100%
8		Dynamics Laboratory	100%
9		Communication and Soft Skills Laboratory	100%
1	IV YEAR	Power Plant Engineering	87.50%
2		Mechatronics	75.60%
3		Computer Integrated Manufacturing systems	31.70%
4		Total Quality Management	63.63%
5		Design of Jigs,fixtures and press tools/Welding Technology/Process Planning and Cost Estimation	97.56%
6		Maintenance engineering/Hydraulics and Pneumatics	88.88%
7		Simulation and Analysis Laboratory	100%
8		Mechatronics Laboratory	100%
9		Comprehension	100%