

TECHNICAL EDUCATION QUALITY IMPROVEMENT PROGRAMME

(TEQIP) PHASE-III

APRIL 2017 – MARCH 2020

INSTITUTIONAL DEVELOPMENT PROPOSAL

for

Sub-component 1.3

Twinning Arrangements to Build Capacity and Improve Performance of Participating Institutes

**GOVERNMENT COLLEGE OF TECHNOLOGY
COIMBATORE 641 013**



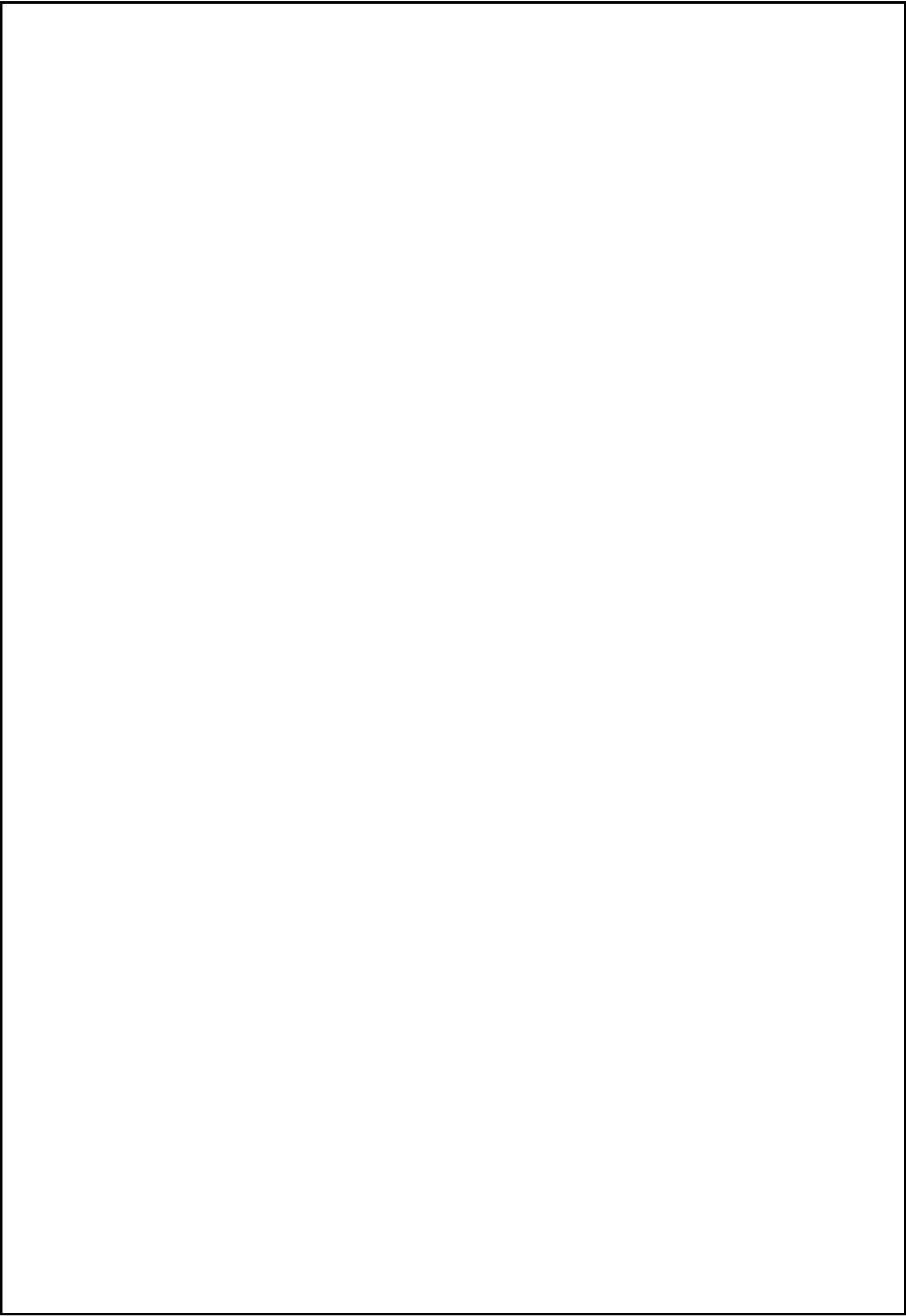
(An Autonomous Government Institution Affiliated to Anna University, Chennai)

Telegraphic Address: GEECEETEE

Phone : 0422-2432221 Tele Fax : 2455230

E-Mail: gctcbe@gct.ac.in

Websire: www.gct.ac.in



1. INSTITUTIONAL BASIC INFORMATION

1.1 Institutional Identity

- ✓ Name and address of the Institution : Government College of Technology
Thadagam Road,
Coimbatore 641 013
- ✓ Year of establishment : July 1945
- ✓ Is the Institution AICTE approved? : ☒ Yes
- Furnish AICTE approval No. : Southern/1-281100680/2016/EOA
- ✓ Type of Institution : Govt. funded
- ✓ Status of Institution : Autonomous Institution Status by UGC
- ✓ Name and Designation of Head of the Institution (Full time appointee) : Dr.S. Palaniswami Ph.D. PRINCIPAL

1.2 Academic Information:

- Engineering UG and PG programmes offered in Academic year 2016-17:

S. No	Title of programmes	Level (UG, PG, PhD)	Duration (Years)	Year of starting	AICTE sanctioned annual intake	Total student strength in all years of study
1.	Civil Engineering	UG	4	1945	120	427
2.	Mechanical Engineering	UG	4	1952	120	470
3.	Electrical and Electronics Engineering	UG	4	1945	60	230
4.	Electronics & Communication Engineering	UG	4	1970	60	198
5.	Production Engineering	UG	4	1978	60	231
6.	Electronics & Instrumentation Engineering	UG	4	1984	60	235
7.	Computer Science & Engineering	UG	4	1986	60	240
8.	Information Technology	UG	4	2001	60	222
9.	Industrial Biotechnology	UG	4	2002	100	318
10.	Structural Engineering	PG	2	1971	18	35
11.	Environmental Engineering	PG	2	1981	18	35

12.	Geo Technical Engineering	PG	2	2007	18	36
13.	Engineering Design	PG	2	1971	18	29
14.	Thermal Engineering	PG	2	2002	18	33
15.	Manufacturing Engineering	PG	2	2002	18	30
16.	Power Systems Engineering	PG	2	2002	18	33
17.	Power Electronics & Drives	PG	2	2002	18	33
18.	Applied Electronics	PG	2	1980	18	32
19.	VLSI Design	PG	2	2002	18	36
20.	Computer Science & Engineering	PG	2	1990	18	32

• **NBA Accreditation Status of UG and PG programmes as on 31st December 2016:**

Total no of programmes eligible for accreditation (at least one batch pass out):20

No. of programmes accredited: 9

No. of programmes applied for accreditation: 11

• **Status of Faculty Associated with Teaching Engineering Students (Regular & Contract) as on 31st December 2016:**

No. of Sanctioned Regular Posts	Present Status : Number in Position by Highest Qualification												Total Number of regular faculty in Position	Total Vacancies	Total Number of contract faculty in Position
	Doctoral Degree				Masters Degree				Bachelor Degree						
	Engineering Disciplines		Supporting Disciplines (Physics, Chemistry, Maths and English/ other languages		Engineering Disciplines		Supporting Disciplines (Physics, Chemistry, Maths and English/ other languages		Engineering Disciplines		Supporting Disciplines (Physics, Chemistry, Maths and English/ other languages				
R	C	R	C	R	C	R	C	R	C	R	C				
1	2	3	4	5	6	7	8	9	10	11	12	13	14=(2+4+6+8+10+12)	15=(1-14)	16=(3+5+7+9+11+13)
210	44	NIL	13	NIL	62	NIL	7	NIL	NIL	NIL	NIL	NIL	126	84	NIL

R=Regular, C=Contract

2. INSTITUTIONAL DEVELOPMENT PROPOSAL (IDP) **(Implementation period: April 2017- March 2020)**

2.1 EXECUTIVE SUMMARY OF THE IDP

The main and the foremost aim of the institution is to improve the quality and equity of students on par with the international standards. To achieve this goal, the learning outcomes by the students must be productive in terms of increase in employability, transition rate and high quality learning. This can be achieved by upgrading faculty teaching through research activities, qualification up gradation, subject upgradation and research competence, pedagogical training, organizing faculty development programmes in subject domain, participation, presenting papers and innovations in conferences, seminars and workshops. As the technology grows rapidly, it is imperative to cater the needs and expectations of students with high quality technical education and platform for doing research. The quality of institutions are being measured by how many number of NBA accredited UG and PG courses they have. The employability can be increased by providing exposure to faculty on industrial practices and latest technologies in phase with the emerging trends. Another area which needs to be concentrated is to improve the quality of weak students especially students from rural areas, Tamil medium, vocational stream students with special attention to the needy ST & SC categories. The following steps have been taken to improve the quality of education and employability of students to fulfil the mission and vision of the institution.

Mission

- To achieve Academic excellence through innovative teaching and learning practices
- To enhance employability and entrepreneurship
- To improve the research competence to address societal needs
- To inculcate a culture that supports and reinforces ethical and professional behaviours for a harmonious and prosperous society

Vision:

- To emerge as a Centre of Excellence and eminence by imparting futuristic technical education in keeping with global standards, making our students technologically competent and ethically strong so that they can readily contribute to the rapid advancement of society and mankind.

1. Government College of Technology was established in the year 1945 and has a very strong Alumni support.
2. The class rooms are almost equipped with modern facilities with smart classrooms.
3. The laboratories are equipped with high cost research equipments for carrying out Ph.D, UG and PG Projects.
4. Most of the faculty members are guiding Research (Ph.D.) and the reviewers of National, International Journals and Chair persons of conferences.
5. Several consultancy projects related to soil investigation, structural analysis and safe bearing capacity determination are being carried out for Government and private organizations.
6. Internal Revenue Generation (IRG) has been done through testing and consultancy services.
7. Students learning quality has been increased through QEEE, MOOC and NPTEL courses delivered by eminent professors from IITs and other reputed institutes.
8. Nearly 48% of Faculty members obtained Ph.D. and guiding many other research scholars through Part time and Full time.
9. Nearly 187 numbers of FDP/Conference/Seminars attended by faculty members and total number of Management programmes attended is 4.
10. Importance is also given to administrative staffs to attend nearly 20 staff development programmes.
11. For the newly recruited faculty members, pedagogy programmes have been conducted and they Participated many pedagogy programmes in IITs and other institutes.
12. Teaching Learning Centre has been established and many teaching and learning programmes have been conducted by high quality faculty members from IITs.
13. Student research foundation has been established to encourage innovative projects which lead to patents.
14. E-Yantra lab has been established for the benefit of faculty members and students and

won many prizes.

15. Wi-Fi facility has been established throughout the campus.
16. Language labs have been established to improve the communication skills of students.
17. Literary and debating society has been formed and many programmes such as debates, oratorical Competitions etc., have been conducted by students themselves to improve the communication skills.
18. Mock interviews, Group Discussions are being organized periodically to improve the placement rate.
19. Faculty advisors have been appointed for each and every class for guiding and counseling students.
20. Several remedial classes, bridge courses have been conducted out of college hours to improve the Transition rate.
21. Assistantship has been provided for PG and Ph.D. scholars to attract more talented students. By this way, a maximum of 261 PG students and 30 Ph.D. Scholars have been benefited.
22. Most of the final year students doing their projects in industries and are being given incentives.
23. Nearly 12 MoUs have been signed and undergoing industrial training in MoU industries and Industry Oriented electives have been taught by Industrial people.
24. Interns have been encouraged.
25. A training centre to cater the needs of faculty members and students is going to be constructed in our Campus to the tune of Rs. 9 Crore with the help of Tamil Nadu Government and TIDCO.
26. Two Centre of Excellence in Environmental Studies(CoE-ES) and Alternate Energy Research(CoE-AER) have been established by Civil and Electrical Engineering departments respectively and each is allotted Rs.5 Crore (Total Rs.10 Crore)
27. Innovative projects have been developed in CoE-AER which leads to patenting.
28. A 20 kW roof top grid connected solar photovoltaic power plant is installed at a cost of Rs. 20 lakh which delivers a power of 80 units per day.
29. Both the Centre of Excellence has adopted a village to transfer the technology developed.

Limitations

1. As a Government Institution, the vacancy posts are not filled up on regular basis and faculty members are not upgraded in time.
2. The procedure for obtaining NOC from the Government for attending International conferences/Workshops/Trainings is too lengthy.
3. Inadequate qualified administrative, technical and non-teaching staff in the department.
4. Shortage of separate buildings for new departments.
5. Inadequate staff to student ratio.
6. Due to Government Procedures, delay in improving infrastructure facilities.
7. Financial status and powers to HoDs are not available.
8. Deputation of faculty members to IITs and IISc to undertake Ph.D. through QIP is discontinued.
9. Lack of incentives for research.
10. The Linguistic ability of students is low in the medium of instructions (Students from rural areas).

Strategic Planning

The Institution is committed to obtain maximum funds from Central and State Government funding agencies to improve its R & D Facilities. Through the funding the existing labs will be modernized to cater the needs of changing environment in technology for improving students' quality. The Board of Governors are interested in filling up faculty vacancies through the Government Recruitment Process. The quality of faculty members is enhanced by motivating them to attend programmes like FDPs, Conferences, Seminars and Industry oriented programmes outside. Creating an environment to access more national and international journals through digital media. The tests conducted to the students to be designed to measure technical and critical thinking of skills. Special attention will be given for disadvantaged and rural students to increase transition rate. Monitor improved employer satisfaction with engineers recruited in the past years. Syllabus revision will be made in phase with the changing technology. All the departments are motivated to involve in revenue generating activities such as consultancies and testing.

2.2 ACTION PLAN

(a) Improving the learning outcomes of the students

1. Faculty training (qualification upgradation, subject upgradation & research competence, Pedagogical training, participation in conferences, seminars/workshops etc.)

a) **Qualification Upgradation:**

The faculty members are encouraged to upgrade their qualification from Bachelors to Masters and from Masters to Doctoral Degree. We have achieved 100% Master degree holders. Since our institute is recognized for doing research by Anna University, Chennai, almost all the faculty members are either obtained Ph.D. Degree or enrolled for Ph.D. Degree. By this way, at present 48% of Faculty members are upgraded their qualification and remaining faculty members have enrolled for Ph.D. Most of the Ph.D. Degree holders are guiding internal and external candidates joined for Ph.D. Programme. Some of the faculty members got external funding for doing their research. Lists of candidates doing Ph.D. under various department supervisors and the list of journals published by faculty members is also enclosed **ANNEXURE I (Latest 100 papers)**

b) **Subject Upgradation & Research Competence**

The Faculty members should upgrade their subject knowledge in phase with the changing scenario of the technology. Faculty members must aware of the advances in knowledge, technologies and the research methodologies for improving his/her own performance and for the benefit of students.

- Faculty members are encouraged to attend conferences, workshops, seminars, short term and long term courses and summer schools organized by Universities, Government Organizations, Institutions and Professional Societies. A list of staff members attended various programmes and programmes to be attended in the coming months are enclosed in the **ANNEXURE II**.
- Faculty members are permitted to visit other institutions and laboratories and encouraged to make collaborations to carry out R & D related activities.
- R & D Programmes from the MoU industries will be conducted periodically.
- Syllabus revision has been made in phase with the changing technology and Choice Based Credit System has been introduced.

c) **Pedagogical Training**

- Newly recruited faculty members have undergone various pedagogical training and some of them are conducted as in-house training.
- Faculty members are encouraged to attend pedagogical training at institution using latest teaching methodologies. Almost all newly recruited faculty members attended pedagogical training even at QEEE programme.

d) **Continuing Education programmes**

- Conducting continue education programme with the industry participant and faculty members from other institutions and host institution is proposed to be conducted.

2. Staff training (Technical & Administrative staff)

a) Technical Staff

- Technical training is planned to be conducted including operation and routine maintenance of both existing and new equipments.
- Technical staff members are deputed to attend various training programmes to other institutions.
- They are encouraged to upgrade their qualification on part time basis, by this way, some of our technical staff members are BE and ME Degree holders.

- Awards are being given to technical staff who performs special tasks.
- A workshop on computer skill development programme has been conducted.
- Technical staff members are also permitted to attend other programmes like capacity development, stress management.

b) Administrative Staff

- Administrative staff members have attended programmes in office management, use of modern office equipment and office automation, etc.
- A computer training programme on computer skill development exclusively conducted for office staff in which latest softwares were taught including Tally.
- In addition to the above programmes, capacity development programmes, stress management, Personality development programmes have been attended by administrative staff.
- A pleasant and enjoyable working atmosphere has been created using modern office structures such as cabins, individual systems, etc.,
- Awards are being given to Administrative staff who attained 30 Years of continuous service.
- A Programme on RTI Act has been conducted by an expert.

3. Increasing capacity of UG, PG and PhD education (increasing enrollment and starting new UG, PG and PhD programmes)
 - Assistantship being given to Non-GATE PG Students and Ph.D. students of Rs.6,000/- and Rs.12,000/- respectively, those who do not receive any other scholarship.
 - Increased amount of assistantship may be given to attract talented students. (If permitted)
 - Increasing pass percentage of students.
 - Providing more interns in the final year projects.
 - Increasing the placement rates.
 - Excellent Placement training with industries.
 - Creating pleasant and green atmosphere for learning.
 - Providing career guidance and counseling by industry people.
 - Introducing industry oriented subjects on par with the emerging technologies.
 - Involving industrial people in academic reforms and teaching.
 - Access to research journals through Digital Library.
 - Providing modern infrastructure classrooms.
4. Investing in smart classrooms, campus Wi-Fi (24*7 broadband connectivity and Wi-Fi access in all academic and administrative buildings and hostels (with a minimum of 2 MBPS speed for each connection)), e-library etc.
 - Presently some of the class rooms are equipped with modern equipments such as overhead projectors for power point presentation, smart boards, video and audio conferencing facilities, etc.,
 - Some of the supporting departments have upgraded teaching learning facilities.
 - More number of classes may be provided with upgraded teaching facilities.
 - By providing these facilities, learning outcomes will be increased through seminars, webinars and interactive classes.
 - QEEE programmes, NPTEL & MOOC Classes have been conducted periodically to increase the learning outcomes of the students.
 - Through EDUSAT facility, programmes from Anna University have been attended by many faculty members.
 - Increased number of more smart classrooms for the benefit of students.
 - Wi-Fi facility already in place, 1GBps speed (24 x 7 Wi-Fi access in all academic and administrative buildings and hostels).

- By providing High speed Wi-Fi facility, the learning outcomes and the quality of learning will be enhanced.
 - Students are utilizing e-library, Digital library with more number of computer terminals to enhance their learning.
 - Faculty members and students have access to reputed research journals.(INDEST, IEEE,ASME, ASCE, Proquest, Pearson, Mc Graw Hill, Etc.,)
 - Procuring more number of e-journals will increase the quality of teaching by faculty members and quality of learning by students.
 - Centralized computer centre have been established and students have access beyond working hours and extended periods.
 - More number of Centralized computer centres may be provided to have access by students even on non-working days.
 - The library which promotes self learning and support teaching learning process and kept open to the maximum extent.
 - It is proposed to install RFID in the library to the tune of Rs. 15 Lakhs
 - Procurement of e-journals and e-books and converting old books in the CD form to the tune of Rs. 25 Lakhs.
 - A special book bank has been established for the benefit of SC/ST students to borrow books.
 - AC may be provided throughout the library to attract the students.
5. Improving the academic performance of SC/ST/OBC/academically weak students through innovative methods, such as remedial and skill development classes, peer assisted learning for increasing the transition rate, non cognitive skills and pass rate
- Diagnostic tests to assess the weakness and remedial measures.
 - Monitoring weak student performance continuously.
 - Conducting remedial classes out of class hours and holidays.
 - More number of tutorial classes to interact with students.
 - Reviewing students' performance and attendance.
 - Conducting bridge courses in tough subjects both for students and faculty.
 - Improving communication skill and understanding of English language of students.
 - Encouraging peer learning groups.
 - Conducting periodic tests and evaluating in time.
 - Conducting multiple choice question tests towards thinking ability.
 - Appointing faculty advisors each and every class.
 - Improving non-cognitive skills such as perseverance, motivation, self-control and conscientiousness through special lectures and by Counselors and faculty advisors.
 - Improving teachers' domain knowledge, training in pedagogy.
 - Improving teacher effectiveness.
 - Faculty members are permitted to attend management programmes in reputed institutes like, IIT, IISc, to improve positive behavior.
 - Encouraging junior faculty members for improvement in performance and their behavior towards students' specifically weak students.
 - Senior faculty members may be appointed to counsel junior faculty members.
 - Faculty appraisal by students is already in place.
 - Providing adequate facility to women students and faculty and making the campus physically, socially, gender friendly.
 - Providing suitable infrastructure for physically challenged students.
 - Students Grievance committee, which addresses needs and concerns of students and special attention to women students.

6. Instituting academic and non-academic reforms including NBA accreditation, programme flexibility (Is there any need to revise the curriculum? When it was last revised?)
Yes. Revision is necessary and it should be in phase with the changing technology. Syllabus is revised from the year 2016.

a) Academic Reforms

- The revision of curricula and Syllabi has been done periodically.
- The revision is done with the involvement of a member from core industry.
- Choice Based Credit System (CBCS) has been introduced for the benefit of students.
- The revised syllabi are in phase with the changing scenario of the Emerging technologies.
- Industry oriented electives (9 Nos.) have been implemented and taught by industry people.
- Encouraging invited expert lectures from industry.
- Encouraging industrial projects to final year students.
- Industrial training to faculty members.
- Industrial visit by students by all departments.
- Innovative methods of teaching and student evaluation.
- Use of Modern equipments and multimedia in teaching.
- Students performance evaluated by 3 tests per semester.
- In addition to 3 tests, more tests are conducted to provide opportunities for improvement especially for weak students.
- Results are published in short period of time.
- All Students are allowed to see the evaluated papers, if any discrepancy he/she may apply to re-evaluation.
- Performance appraisal of faculty by students in each semester.
- Poor performing teachers are identified and remedial actions, counseling will be done by senior faculty members to improve the performance in teaching periodically.
- Performance awards are being given to faculty members every year in academic achievements and may be extended to faculty involved in R & D activities, more consultancies and Laboratory development, etc.,

b) Non- Academic Reforms

- Our institute is autonomous in academic matters only.
- Through the implementation of TEQIP 1, TEQIP II four funds have been established.
- Revenue Generation done through consultancies and testing.
- Revenue Generation may be increased further through R & D outputs, public usage of infrastructure for academic activities and sharing of High tech equipments with industries.
- Only hourly basis staff members could be appointed in the vacancy positions.
- More powers in terms of administration, financial are needed to the Head of the Institution.
- Decision making powers to senior institutional Deans/HoDs/Professors/faculty members are needed.
- Since it is a Government institution, recruitments are being done by Teachers Recruitment Board (TRB) and Government of Tamil Nadu.
- Timely appointment of vacancy positions and promotion to senior faculty members should be done.

(b) Improving employability of the students

1. Increasing interaction with industry

- Industry Institute Interaction cell has been formed.

- Industry deputed people are involved in syllabi design.
- 9 Industry oriented electives have been implemented and taught by industry people (**ANNEXURE III**).
- Students are taking up industrial problem solving projects.
- Faculty members are deputed to industrial training of their interest.
- Industry people and Alumni people are involved in Board of Governors, Board of Studies and Academic Council.
- 12 MoUs have been signed with industries (**ANNEXURE IV**).
- Training through MoU industries have been undertaken.
- An automotive lab in collaboration with BOSCH is established in Thermal engineering department.
- Faculty members participated many programmes like short term training, FDPs, Workshops, Conferences conducted by industries.
- Many industry oriented programmes and expert lectures were conducted.
- Students have undergone internship in industries.
- International Papers have been published in collaboration with industries.

The following industries are available in the vicinity of Coimbatore city:

- M/S S.G. Structural Engineers
- Alfa Drives
- Shanthi Gears
- Best engineers
- CRI Pumps
- Ampere Vehicles
- Steps Knowledge Services
- Cognizant Technology solutions India Private Limited
- Robert Bosch
- Payoda Technologies
- M/S Exterro Technologies
- Pricol Instruments
- Roover Components
- Lakshmi Machine Works (LMW)
- Elcot Industries
- Autozone

What role of industry is perceived for the institute?

- Students' intern.
- Project by Final year students in industries.
- Introducing industry oriented electives.
- Teaching industrial subjects.
- Collaboration in paper publication
- Board of Governors, Board of Studies and in Academic Council
- Industry people in PG and Ph.D. Studies guided by faculty.

2. Student career counseling and placement

- Placement cell liaising with senior executives of reputed industries and companies.
- Aptitude test, Group Discussion and Guest lecture from corporate people.
- Mock interviews and group discussions will be conducted by students themselves.
- To increase the employability career information have been updated periodically.
- The poor performing students in placement are counseled and encouraged.
- Career development programmes have been conducted from the outside experts.
- HR Conclaves have been conducted yearly to attract various companies.

- Industrial exhibitions have been conducted in the campus from the various companies.
- Students are permitted to attend Industrial Trade fair conducted by various industries.

(c) Increasing faculty productivity and motivation

1. Sponsored research, consultancy and other revenue generating activities

- Almost all faculty members are involved in research.
- R & D Projects, Consultancy and testing have been taken by Civil Engineering Departments.
- All Ph.D. Degree holders are guiding students including our own faculty.
- Faculty members are encouraged to take up live problems from industries.
- Internal Revenue Generation have been done by faculty members periodically.
- Faculty members complete their consultancy work without any interruption in the normal work which does not affect teaching schedules and processes.
- This consultancy and testing may be introduced as a part of timetable.
- UG students are encouraged to do innovative projects under student research foundation (SRF) sponsored by TEQIP II.
- SEED money is also given to faculty members to do their innovative research and R & D activities.
- Awards are being given to faculty members for publishing paper in reputed journals and for producing Ph.Ds.

2.3 Describe the following in brief:

1. Is there an ERP/MIS system existing, if yes, then any improvement, modification suggested.
Yes. Web Based MIS System to monitor and evaluate TEQIP.

Suggestions:

- It should be user friendly to be customized to take data as per our requirements.
- Strong training is needed for MIS officers and Data entry operators
- If any changes made in the MIS system should be communicated immediately.
- The queries raised by the user institute should be given solution timely.
- Duplicates are being created when uploading training details, which should be sorted out.
- In web based PMSS system, in Signing of agreement the expected payment amount is shown as Rs.15,70,532/- but the cheque given at that stage was Rs.17 Lakhs. On completion, the expected payment amount is shown as Rs.18,43,667 but the cheque given at that stage was Rs. 20 Lakhs. While filling these values it shows the actual amount exceeds the expected amount with LD.

2. Is there any mechanism i.e. special classes being conducted in the institution for improving the GATE score?

Not yet, But it is planned to be conducted by internal and external faculty members.

- 2.4 Please identify some endeavours and joint activities that you would undertake with the institution of focus state under sub-component 1.1 for twinning arrangement from among the ones listed below and/or any further ones and provide the yearly action plan for 3 years:

S. No	Suggested Activity/Indicator	Proposed Action	Target (number, %age, stage etc.) for institution under sub-component 1.1 over the baseline, if applicable		
			2017-18	2018-19	2019-20
1	Increase in student graduation rates				
2	Improved Placement of graduates a) Placement Rate b) Placement Package				

3	Increase in GATE qualified graduates				
4	Smart classrooms				
5	e-books and e-Journals				
6	Increase in publications in refereed journals				
7	Seminars, meetings and conferences for students and faculty for training and academic development	Conducting conferences, FDPs workshops, pedagogy programmes. Etc.,	25%	50%	25%
8	Sharing of faculty for teaching processes	Identify the weak areas of teaching and strong area of teaching	2 Persons from each department	3 Persons from each department	3 Persons from each department
9	Faculty exchange for research and development purposes	Identify the strong research areas	2 Persons from each department	3 Persons from each department	3 Persons from each department
10	Student exchange at the PhD, Masters and Undergraduate levels				
11	Joint supervision of PhD and/or Masters' student	To identify the area of research under Ph.D.	2 Persons from each department	3 Persons from each department	3 Persons from each department
12	Joint activities with industry for joint R&D, internships and placement activities				
13	Seminars and learning forums on improving governance practices				
14	Improvement in NBA accreditation (including applied for cases)				
15	Helping in Grant of UGC Autonomy for non-autonomous institution				
16	Any other form of endeavour				

2.5 Identify the outreach programmes and systems which are already in place in your Institute to succeed in your role of twinning for strengthening of other institutions viz. related to faculty/students/non-teaching staff/Industry etc.

- Conducting subject domain FDPs/Seminars/Workshops.
- Organizing industry related programmes.
- Providing Consultancy services.
- Research consultancy services.
- Deputing students to industries as interns.
- Encouraging students to do final year projects in industries.
- Encouraging students to do innovative projects through SRF.
- Conducting capacity development programmes.
- Encouraging to attend personality development and stress management programmes.
- Conducting computer skill development programmes.
- Involving industry people in Board of Governors, Board of Studies and Academic council.
- Introduction of Industrial Electives/Subjects in syllabi and taught by industry people.

2.6 Identify the academic and/or administrative challenges that you anticipate in your role of twinning and the mechanism that you have put in place and/or intend to put in place, to address these challenges.

- Interruption in normal work.

- Arrangement of another faculty in my absence.
- Continuance of research activities.
- Leave and decision making problems in the department.

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- 2.7 Is there any difficulty in Recruitment and selection of high-quality faculty? If yes, what are the reason & action plan to solve the issue?
- No, Teachers Recruitment Board (TRB) conducts written examination and based on the marks obtained, faculty members are recruited.
 - Recruitment is based on communal rotation.
- 2.8 Give an action plan for long term strategic partnership with the mentee institute after the end of the Project.
- Have constant touch with the mentee institute and monitor the progress.
 - The shortcomings will be sorted out through emails and web based services.
 - If situations are warranted, they may be asked to visit our institute to discuss the problems.
- 2.9 Describe briefly the participation of departments/faculty/students in the IDP preparation.
- Almost all the faculty members have participated through discussions, preparing Training Need Analysis and research data throughout the preparation.

ANNEXURE-I

No. of Research programmes completed by Faculty members (Ph.D) / Ongoing

Civil Engineering Environmental Engineering

Sl. No	Name and designation of supervisor	Name of research scholar	Topic of research	Weather completed/ Ongoing	Year of completion
1	Dr T Meenambal Professor	Ravikannan	Vermicomposting of municipal solid waste	completed	2015
		Meena sundari	Water shed modeling of leachate from municipal solid waste.	completed	2016
		Nalina	Land		
		Senophiya	Bioleaching Extraction of heavy metals from e waste	Ongoing	
2	Dr. J. Jeyanthi Asso Prof	kanchana	Waste water treatment using biosorbent	Completed	2015
		Aswin sidhaarth	Waste water treatment using nanoparticles	Completed	2016
		kamaraj	Solar Evaporation	Completed	2016
		M. Priya	Electro-coagulation	ongoing	
		R. Bhuvaneswar8i	Advanced Oxidation Process	ongoing	
		R. Jayalakshmi	Textile Dye removal Using Nanocomposites	ongoing	
		L. M. Sibichakkaravarthi	Waste water treatment using nanocomposites	ongoing	
		B. Shoba	Electrocatalytic Membrane process	ongoing	
		R. Malathi	Air pollution management	ongoing	

Civil Engineering (Structures)

S. No	Name and Designation of the supervisor	Name of the research scholar	Topic of research	Whether completed / ongoing	Year of completion
1	Dr.R.Thenmozhi	Sunilaa George	Activated Fly Ash Concrete	Completed	2012
	Dr.R.Thenmozhi	R. Thangaraj	High Volume Fly Ash Concrete	Completed	2015
	Dr.R.Thenmozhi	R. Kandasamy	Cold Formed Steels Lipped Channel Section	Completed	2015
	Dr.R.Thenmozhi	R. Chithra	Prefabricated Cage Reinforced Concrete Beams	Completed	2013
	Dr.R.Thenmozhi	T. SenthilVadivel	Performance Study on Tyre Rubber Aggregate Concrete	Completed	2013
	Dr.R.Thenmozhi	N. Balasubramani	Concrete Filled Tubular Columns	Completed	2016
	Dr.R.Thenmozhi	S. Deepa Shri	Hybrid Ferrocement Slabs	Completed	2013
	Dr.R.Thenmozhi	S. Muthuramalingam	Geo polymer Concrete Poles	ongoing	--
	Dr.R.Thenmozhi	J. Uma Shankar	Optimization of Tunnel Lining	ongoing	--
	Dr.R.Thenmozhi	B. Saravanakumar	Shear Connectors in Steel Concrete Composite Structure	ongoing	--
	Dr.R.Thenmozhi	R. Prakash	Hybrid fibres in concrete	ongoing	--
	Dr.R.Thenmozhi	K. Rekha	Waste material utilization	ongoing	--
	Dr.R.Thenmozhi	P. Subasree	Rubberized concrete	ongoing	--
	Dr.R.Thenmozhi	Janani	Cold formed steel structures	ongoing	--
	Dr.R.Thenmozhi	Ranjit Babu	Light weight concrete	ongoing	--
	Dr.R.Thenmozhi	N. Divyah	Concrete encased composite columns with HPC	ongoing	--
	Dr.R.Thenmozhi	V.P Dhanapriya	Laced Reinforced Concrete beams with UHPC	ongoing	--
	Dr.R.Thenmozhi	k.Shobana	Bioconcrete	ongoing	--

	Dr.R.Thenmozhi	M.Praveen Kumar	Green Buildings	ongoing	--
	Dr.R.Chithra	Mahakavi	Self compacting Concrete	Ongoing	--
	Dr.R.Chithra	Prasannan	Fibre reinforced concrete	Ongoing	--

Mechanical Engineering (Engineering Design)

SI No	Name & Designation of Supervisor	Name of the Research Scholar	Topic of Research	Whether completed/ ongoing	Year of Completion
1.	Dr.K.Manonmani Associate Professor	1.R.Ravindran,	Studies on Forming Limit Diagram and Void Coalescence of Aluminium – Magnesium alloys	completed	2011
		2.S.Gopi	Influence of process parameters on friction stir welded 6082-T6 aluminium alloy of various thicknesses – An experimental and Numerical investigation	completed	2013
		3.P.Prathap,	Eco design studies to enhance the environmental performance of products	completed	2014
		4.M.Sureshkumar,	Study of flow characterization in light duty engine lubrication pumping systems	completed	2015
		5.S.Srinivasamoorthy,	Studies on polyester based E-Glass fibre reinforced particulate filled polymer composite	completed	2015
		6.S.Balasubramanian,	Investigations on the effect of laser hardening in Textile bottom rollers for quality yarns	completed	2016
		7.T.S.Praveen	TIG Welding of SS 409 and Mechanical Characterization	ongoing	
		8.P.Pandian	Mechanical Characterization of stainless steels of various grades	ongoing	
		9..P.Chandrasekaran	Metal forming	ongoing	
		10..C.Ganesan	Composite Characterization	ongoing	
		11..S.Shankar	Ergonomics in Pump Industries	ongoing	
		12..M.Vimalraja	Friction Stir Welding of hybrid Aluminium metal matrix composites	ongoing	
		13.P.SaravanaKumar	Alternate Materials for Material Handling Equipment to ensure safety in Industries and construction area.	ongoing	
2.	Dr.S.Periyasamy Assistant Professor	1.Sanjai M	Mathematical Inventory Model to reduces scraps	Ongoing	
		2.Sakthi Saravanan A	Synthesis and Characterization of Heterogeneous catalyst for biofuel production	Ongoing	
		3.Mahendran. M	Performance analysis of Variable Compression ratio diesel engine with turbocharger	Ongoing	
		4.Vadivel.A	Investigation on thermal performance of VCR diesel engine with various coated fuel injector	Ongoing	
		5.Arun Prasad A S	Production of biodiesel from Algae	Ongoing	
		6.Santosh V	Production of biodiesel using non edible oil	Ongoing	
		7.Krishnaraj J	Performance of Emission characteristics of Biodiesel Engine – duel fuel mode	Ongoing	
		8.Vivek Masthiraj N	Investigation of Aer elasticity effects on unmanned Aerial vehicle	Ongoing	
		9.Thirunavukkarasu R	Investigation on performance and Emission characteristics of a LHR thermal barrier coated IC Engine by using Biodiesel	Ongoing	
		10.Tamil Selvan R	Investigation on performance and Emission characteristics of indirect injection CI Engine by using blended fuel.	Ongoing	

Mechanical Engineering (Thermal Engg)

Sl. No	Name and Designation of the supervisor	Name of the Research scholar	Topic of Research	Whether completed/ ongoing	Year of Completion
1.	Dr.R.Malayalamurthi, Associate Professor, Mech	1. K.Venkatesh Raja	Soft finger Contact In Robot Grippers	Completed	2015
		2. S.M.Rajkumar	Sago sizing mechanism	Thesis Submitted	2017
		3.A.Baraniraj	Composite materials	Ongoing	
		4. A.Ranjith Kumar	Composite materials	Ongoing	
		5.P.Yuvanarasimman	Composite materials	Ongoing	
		6.P.Raja	Composite materials	Ongoing	
		7.S.Yuvaraj	Soft finger contact	Ongoing	
		8.Marlon Jones Louis	Bio Mechanics	Ongoing	
		9.M.Krishnamoorthy	Alternative Fuels	Ongoing	
	Dr.K.Ramesh , Assistant Professor/Mech	1.R.Purnachandran	Alternative Fuels	Ongoing	
		2.R.Sakthivel	Alternative Fuels	Ongoing	
		3.P.Mohamed Shameer	Alternative Fuels	Ongoing	
		4.Baranitharan	Tool Chatter	Ongoing	
		5.Benjamin Franklin	Thermal Chatter	Ongoing	
		6.Ravindran	Composite Materials	Ongoing	
		7.Madan Mohan	Composite Materials	Ongoing	
		8.Vijayakumar	Bio Diesel	Ongoing	
		9.Vishnu Priya	Algal Culture	Ongoing	
		10.V.Paramaguru	Composite Materials	Ongoing	
		11.C.Suresh	Aerodynamics	Ongoing	
		12.S.Narayanan	Alternative Fuels	Ongoing	

Production Engineering (UG)

Sl. No.	Name and Designation of the Supervisor	Name of the Research Scholar	Topic of Research	Whether Completed/ Ongoing	Year of Completion
1.	Dr.S.Gopi Associate Professor	B.Varun	Fabrication and characterization of Aluminium /(A12O3+SiC) nanoparticles reinforced hybrid surface composites using friction stir processing	Ongoing	
		Dhanesh.G.Mohan	An Investigation on induction heated friction stir welding	Ongoing	
		A.Sasikumar	Analysis of process parameters in friction stir welding	Ongoing	
		G.Rajkumar	A investigation on machining characteristics of composite material	Ongoing	
		V.Muthukumar	Fabrication and characterization of Aluminum surface composites using friction stir processing	Ongoing	
		C.J.Anandhakumar	Production and characterization of AA5083 with hybrid surface composite by friction stir processing	Ongoing	
		M.Balamurugan	Reliability based design optimization of rotodynamic machines	Ongoing	
		M.Sathish Kumar	An investigation on Microwave welding process	Ongoing	
		J.Yokesh Kumar	Design optimization and simulation of gating and risering system to enhance the quality and yield of the castings	Ongoing	
		M.Sivakumar	Characteristics study of natural fibre composite	Ongoing	
2.	Dr.P.Ilamathi Assistant Professor	S.Senthilvel	Design and Experimental Analysis of Modified Savonius Wind Turbine for Energy Generation in Highways to meet the Demand for energy in Rural areas	Ongoing	

		N.Ajaymanikandan	Study on the properties of nanocomposites	Ongoing	
		K.K.Ponsenthil	Comparative analysis of a facility location selection using multiple criteria decision making techniques	Ongoing	

EEE

S.No	Name and Designation of the Supervisor	Name of the Research Scholar	Topic of Research	Whether Completed / Ongoing	Year of Completion
1.	Dr. K. Baskaran	Dr. C. Govindarajau	Sequential switching hybrid sinusoidal modulation techniques for cascaded multilevel inverter cascaded multilevel inverter	Completed	2011
2.		Dr. Arul Mozhiyal	An Intelligent Speed Controller for Space Vector modulated Induction Motor Drive	Completed	2011
3.		Dr. Karthigai Kumar	A novel secure low power FPGA and ASIC implementation of media security processor using combined water marking and cryptographis technique	Completed	2011
4.		Dr. Deepa.R	Certain investigations on power allocation schemes for transmission of images over MIMO-OFDM systems	Completed	2012
5.		Dr. Chandrasekar.V	Certain improvements in quality of service for heterogeneous multicast wireless network	Completed	2013
6.		Dr. Malavizhi.K	Certain Investcations on the Power Flow Control of Advanced Statcom and Energy Storage Systems	Completed	2013
7.		Dr. Vimala.R	Conducted EMI Modeling, Sepertion and Filter Analysis for Isolated AC-DC Converterers	Completed	2013
8.		Dr. Palanisamy	Certina Investigations on the performance analysis of clustering, Indexing and versioning techniques in XML Data management	Completed	2014
9.		Dr. Anantha moorthy.N.P	Certain Investigation on Hybrid Fuzzy Controller Based Performance Enhancement of PMSM and BLDC Motor.	Completed	2014
10.		Dr. Rangarajan.J	Certain Investcations on Multi-Source Multicast Routing Protocols For Mobile Ad-hoc Networks	Completed	2014
11.		Dr. Krishna.B.V	Robust and Time Efficient Data-Mining Techniques for Power Disturbance Classification	Completed	2014
12.		Dr. Geetha Priya .M	POWER MINIMIZATION FOR SoC, APPLICATIONS WITH LEAKAGE REDUCTION , TECHNIQUES AND OPTIMIZED LOGIC GATES	Completed	2014
13.		Dr.Aravind Britto.K.R	Conducted EMI reduction using FPGA based random PWM techniques for flyback converter	Completed	2014
14.		Dr. Vijula Grace.K.S	Design and alysis of Multicore based system on chip Controller	Completed	2015
15.		Dr. Ragesh (FT)	wireless body area networks(WBAN)	Completed	2015

16.	Dr. K. Baskaran	Dr.E.Gomathi	Certain Investigations on Face Recognition Techniques	Completed	2015
17.		Mr. Senoj Joseph	Efficient algorithms for online task placement on Dynamic Partially Reconfigurable FPGA	Completed	2016
18.		Mrs Kaleeswari (FT)	Routing protocols for wireless sensor network	Completed	2016
19.		Mrs Muthulakshimi	Mobile jabber neighbourhood based routing algorithm for mobile AD-HOC networks	Completed	2016
20.		Mrs. K.C.Sriharipriya	Practical issues in reliability and packaging of MEMS	Ongoing	
21.		Mrs. Siva Sangari	Secured service in digital government applications through cloud computing	Ongoing	
22.		Mrs Sujitha	Blind multiuser detection using OFDMA	Ongoing	
23.		Mrs. Sinduja Banu	wireless sensor networks	Ongoing	
24.		Mrs Radhika	On-chip voltage regulation for system on-a-chip(SOC)	Ongoing	
25.		Mr. Naveen Durai	Geocasting based wireless AD-HOC system	Ongoing	
26.		Mrs Nirmala	Power electronics applications in power systems	Ongoing	
27.		Mrs. Tamil Selvi	fast IP network recovery	Ongoing	
28.		Mr Venkata subramanian	Fault diagnosis in electrical machines used in process controlled industries	Ongoing	

S.No	Name and Designation of the Supervisor	Name of the Research Scholar	Topic of Research	Whether Completed / Ongoing	Year of Completion
1	Dr.E.LATHA MERCY, ASSOCIATE PROFESSOR	P.NARASIMMAN (Ph.D-PART TIME) 1314369182	PERFORMANCE EVALUATION OF SHE_PWM STRATEGY on HYBRID CASCADED MULTILEVEL INVERTER BASED ON OPTIMIZATION TECHNIQUES	Ongoing	Dec'18

S.No	Name and Designation of the Supervisor	Name of the Research Scholar	Topic of Research	Whether Completed / Ongoing	Year of Completion
1.	Dr. R. Rajeswari, APEE	Mr.P.Amutha Prabhakar	Text Mining	Completed	2012
		Mr. K.Dhanasekaran	Text Mining	Completed	2014
		Mrs. S.Vanitha	Non-Linear Digital Image Processing	Completed	2014
		Mr. M.Venkatesan	Investigation on Multilevel Inverter Used in Renewable Energy Systems	Ongoing	-
		Ms. M.Shyamalagowri	Artificial Intelligence for Nonlinearity Prediction & Design Of Compensation	Ongoing	-
		Mrs. R.Ambika	Reactive Power Compensation in Smart Grid	Ongoing	-
		Mrs. L.Parimalam	Soft-Computing Applications in Power System	Ongoing	-
		Mr. P.Venkatesh Kumar	Power Quality Enhancement by the Integration of Series and Shunt Compensation	Ongoing	-
		Mr. K Gerard Joe Nigel	Optimization of Solar Energy Harvesting	Ongoing	-
		Mr. P.Anantha Christu Raj	Energy Saving and Optimization Process for Electrical Applications	Ongoing	-
		Mr. S.Sivaranjani	Digital Control of PMSM	Ongoing	-

		Mr. S.Sampath Kumar	Application of Image Processing in Agriculture/Engineering	Ongoing	-
		Mr. S.Kaliappan	Analysis of Three-Phase Induction Motor	Ongoing	-
		Mr. S.P.Kesavan	Low Power VLSI Design	Ongoing	-
		Mr. K.Saravanakumar	Low Voltage Energy Harvesting using Converters	Ongoing	-

S.No	Name and Designation of the Supervisor	Name of the Research Scholar	Topic of Research	Whether Completed / Ongoing	Year of Completion
1	Dr.S.Palaniswami	Dr.K.Ranjith kumar	Performance enhancement of Wound Rotor Induction motor by using Computational Intelligence techniques	Completed	Aug. 2013

S.No	Name and Designation of the Supervisor	Name of the Research Scholar	Topic of Research	Whether Completed / Ongoing	Year of Completion
1	Dr.P.Maruthupandi AP/EEE	Mr.S.Madhavapandian (Reg.No:1414369182)	Hardware Based Security for Internet of Things	Ongoing	-
2		Mr.L.Senthil Murugan (Reg.No:1414369713)	Certain Improvements and Optimization of SRM Drive Performance under Various Operating Conditions	Ongoing	-
3		Mrs.T.Amuthambigaiyin Sundari (Reg.No:1423369731)	Design of PID Controller For Unstable Process	Ongoing	-
4		Mrs.N.Vijayalakshmi (Reg.No:1424469742)	An optimal CMOS Based Converter Design for Solar Energy Harvesting Systems	Ongoing	-
5		Ms.R.Suganthi (Reg.No:1424469744)	Hill Climbing MPPT Method for Photovoltaic System	Ongoing	-
6		Mr.S.DhasBensam (Reg.No:1514369135)	High Performance Intelligent Controllers For Obtaining Maximum Efficiency In Wind Power Generation System	Ongoing	-
7		Mrs.R.K.Ragavapriya (Reg.No:1524369121)	Investigation on Cascaded Multilevel Inverter using Various Advanced Control Strategies for Harmonic Mitigation	Ongoing	-
8		Ms.T.Mahalekshmi (Reg.No:1524369751)	Energy Management and Reliability Evaluation in Grid Interactive Distributed Energy Resources.	Ongoing	-
9		Mr.S.Bagavathy (Reg.No:71010421005)	Design and implementation of intelligent controller for electrical	Ongoing	-
10		Mrs. Radhika A (Reg No. 10910422017)	Design, Development and Performance Analysis of Novel Trans Z Source Inverter	Ongoing	-
11		Mr.P.Manikandan (Reg.No:16143697199)	Certain Investigations on MPPT Techniques and Inverter Topologies for Solar PV System	Ongoing	-
12		Mr.M.Payani (Reg.No:17193691213)	Voltage Stability Improvement in an Interconnected Power Network using DFS Algorithm	ongoing	-

Sl.No	Name and Designation of the Supervisor	Name of the Research Scholar	Topic of Research	Whether Completed / Ongoing	Year of Completion
1	Dr.S.Chitra, AP/EEE	Mr.V R Balaji (Reg.No:17133691181)	Power quality improvement of grid connected smart hybrid system using FACTS devices	Ongoing	-
2		Ms.V.Kalvinathan (Reg.No:17133691182)	Supervisory control and optimisation of renewable energy resources	Ongoing	-

S.No	Name and Designation of the Supervisor	Name of the Research Scholar	Topic of Research	Whether Completed / Ongoing	Year of Completion
1.	Dr. Sujatha Balaraman, APEEE	Gurumoorthy K	Analysis and Design of Buck-Boost converter for DC Drives	Ongoing	-
		Rajakumar J	Optimal placement of FACTS devices in Power Systems	Ongoing	-
		Thangadurai M	Analysis of sub synchronous resonance in Power Systems and its mitigation using FCATS devices	Ongoing	-
2		Mohan K	MPPT of Solar PV under Partial Shading conditions	Ongoing	-
3		Madavan R	Investigations on Liquid Insulation systems for various environmental factors	Ongoing	-
4		Samuel Muthuraj G	Efficient extraction of wind energy using low wind speed using Matrix converter	Ongoing	-
5		Arivumani V	Fault Analysis in Smart Grid	Ongoing	-
6		Suthanthira M	Non Inverting Buck-Boost converter with high efficiency over wide range of input voltage	Ongoing	-
7		Manimala P	Multi Level Inverter for Grid connected PV systems using Soft computing Techniques	Ongoing	-

EIE

S.No	Name and Designation of the Supervisor	Name of the Research Scholar	Topic of Research	Whether completed/on going	Year of completion
1	Dr.T.Shanmugam, Former Principal, Srinivasa College of Engineering and Technology	Dr.D.Mary	Power System Control	Completed	2002
2	Dr.S. Kanthalakshmi Professor ICE PSG College of Technology	Prof. A S Wincy Pon Annal	Advanced Process Control	on going	-
3	Dr.V.Manikandan Professor EEE Coimbatore Institute of Technology	Prof. C Marimuthu	Fractional Order PID Control	on going	-
4	Dr.S. Kanthalakshmi Professor ICE PSG College of Technology	Prof M Raghappriya	Fault Tolerant Control	on going	-
5	Dr. T. Aruldoss Albert Victore Associate Professor EEE Anna University of Technology, Coimbatore	Prof N Arulmozhi	System Identification	on going	-

Sl. No	Name and Designation of the Supervisor	Name of the Research Scholar	Topic of Research	Whether Completed/ Ongoing	Year of Completion
1	Dr.O.SARANIYA	Ms.SHREEJA	Ultrasound signal processing	On going	

Si. No	Name and Designation of the Supervisor	Name of the Research Scholar	Topic of Research	Whether Completed/ Ongoing	Year of Completion
1.	Dr.P.Deepa, Assistant professor, Department of ECE, Government College of Technology, Coimbatore.	Ahilan A	Design and analysis of multiple bit upsets mitigation techniques for SRAM based FPGAs	Synopsis completed	-
2		Anusha Gorantla	Design and Implementation of Faster and Low power Multiplier for Filter Design in DSP Applications	Ongoing	-
3		Sangeetha D	Smart Object Recognition and Tracking System for Surveillance	Ongoing	-
4		Kishorekumar R	Design of Transistion Detection and Image Annotation on Remotely Sensed Imagery	Ongoing	-
5		Indu Nair V	Design of efficient MIMO system for Indoor Channel using Spatial Modulation	Ongoing	-
6		Manoranjitham R	Design and development of object recognition and tracking in real time videos	Ongoing	-
7		Kala R	Development of artificial intelligence based neurofuzzy system to detect diseases	Ongoing	-
8		Peer Mohamed M	Design of energy efficient approximation logic for signal and image processing applications	Ongoing	-

Sl. No	Name and Designation of the Supervisor	Name of the Research Scholar	Topic of Research	Whether Completed/ Ongoing	Year of Completion
1	Dr.C.Vasanthanayaki	Dr.P.Deepa	Low Power VLSI Design For Image Processing Applications	Completed	March 2013
2		R.Malini	Content Based Image Retrieval	Completed	February 2015
3		J. Rejina Parvin	Data Aggregation In Wireless Sensor Networks	Completed	September 2015
4		J.Alagu Jaisudhan	VLSI Architecture Design with image processing applications	Ongoing	
5		R.Jothin	High Performance Low power Arithmetic circuits design for image processing	Ongoing	
6		U.S.Suryaprabha	Developing Map Reduce Algorithms for Big Data	Ongoing	
7		M.Ganga	Efficiency Improvement in Power Conversion of Renewable Energy sources	Ongoing	
8		N.Ameena Bibi	Implementation and performance analysis of image restoration schemes for hazy images.	Ongoing	
9		S.Jayanthshree	Ultrasound Image Segmentation Techniques for Fetal Anomaly Detection	Ongoing	

S. No	Name and Designation of the Supervisor	Name of the Research Scholar	Topic of Research	Whether completed / Ongoing	Year of completion
1.	Dr. K. Thanushkodi Director, Akshaya college of Engineering	Dr.J.C.Miraclin Joyce Pamila	Framework for Concurrent Transactions Management in Mobile Wireless Environment	Completed	2011
2.	Dr. K. Thanushkodi Director, Akshaya college of Engineering	Dr.S.Rathi	Secure and Fault tolerant Framework for Mobile IPv6 based Networks	Completed	2011
3.	Dr.V.Sumathy, Associate Professor, Department of ECE, GCT, Coimbatore	Dr.K.Kumar	Region based Distributed Group Key Agreement Protocols for Secure Group Communication over Adhoc Networks	Completed	2013
4.	Dr.R.Shanmugalaksmi. Professor, Department of EEE, GCE, Salem.	T.Rajasenbagam	Semantic content based Image Retrieval for Reducing the Semantic Gap with Relevance Feedback	Ongoing	-
5.	Dr.M.L.Valarmathi, Professor, Department of EEE, ACCET, Karaikudi	A.MeenaKowshalya	Trustworthiness Management in Social Internet of Things	Ongoing	-
6.	Dr.G.SudhaSadasivam, Professor, Department of CSE (PG), PSG College of Technology, Coimbatore.	R.Bhavani	Bioinformatics Data Mining	Ongoing	-
7.	Dr.M.L.Valarmathi, Professor, Department of EEE, ACCET, Karaikudi	L.Sumathi	Internet of Things	Ongoing	

IT

Sl. No	Name and Designation of the Supervisor	Name of the Research Scholar	Topic of Research	Whether Completed/ Ongoing	Year of Completion
1	DR.T.Purusothaman	Dr.S.Kalpana	Design and Evaluation of Energy Efficient Hierarchical Energy Tree based Routing and Exponential Congestion Control Algorithms for Wireless Sensor Networks	Completed	2011
2	DR.T.Purusothaman	Dr.D.Surendran	Semantic based Generic Grid Middleware Interability Mechanism & its Integration with Gridway Metascheduler	Completed	2011
3	DR.T.Purusothaman	Dr.P.Venkateswari	A Reliable Authentication Model for Restricted Forums of Social Network Sites	Completed	2012
4	DR.T.Purusothaman	Dr.S.Shankar	A Novel Utility based approach for Effective Data mining & Pattern Discovery	Completed	2012
5	DR.T.Purusothaman	Dr.M.Rajalakshmi	Improved Algorithmic Techniques for Mining & Privacy Preservation of Frequent Itemsets	Completed	2012
6	DR.T.Purusothaman	Dr.P.Marikannu	Advanced Mobile Agent Security Architecture for Protecting Mobile Agent Environment	Completed	2012
7	DR.T.Purusothaman	Dr.M.Suresh kumar	Scheduling in Grid Computing	Completed	2013

8	DR.T.Purusothaman	Dr.A.Balamurugan	An Improved Energy Conservation Scheme for Enhancing Lifetime of Wireless Sensor Networks with Guaranteed Coverage & Connectivity	Completed	2013
9	DR.T.Purusothaman	Dr.S.J.K.Jagadeesh kumar	Certain Investigations of the Cross Layer design based QoS Provisioning Technique in WiMax Networks	Completed	2013
10	DR.T.Purusothaman	Dr.T.Senthilnathan	Replica Management in Grid Computing	Completed	2013
11	DR.T.Purusothaman	Dr.N.M.Saravana kumar	Design and Performance analysis of Scalable & Efficient key Management scheme for Multicast Networks	Completed	2013
12	DR.T.Purusothaman	Dr.S.Jabeen Begum	Effective Clustering schemes for Secure Multicasting through Enhanced Key Management	Completed	2013
13	DR.T.Purusothaman	Dr.A.Vasanthi	Optimization of Batch Rekeying for Next Generation Broadcast Network using Queuing Theory	Completed	2014
14	DR.T.Purusothaman	Dr.G.Sivagurunathan	Certain Investigations on Classification & Cryptanalysis of Ciphers	Completed	2014
15	DR.T.Purusothaman	Dr.K.E.Kannammal	Enhancing the Performance of Flat & Hierarchical Routing Protocols in Wireless Sensor Networks	Completed	2014
16	DR.T.Purusothaman	Dr.A.R.Jayasudha	Efficient Scheduling Algorithms for Mapping Resources using Different Evolution for Grid Computing Environment	Completed	2014
17	DR.T.Purusothaman	Dr.N.Suma	Enhancing Lifetime & Security in Wireless Sensor Networks	Completed	2015
18	DR.T.Purusothaman	Dr.V.Rajendran	Certain Investigations on Cryptanalysis using Soft Computing	Completed	2015
19	DR.T.Purusothaman	Dr.M.Sayee kumar	Optimized Subscription based Cluster Architecture for Efficient, Secured & Scalable Communication	Completed	2015
20	DR.T.Purusothaman	Dr.L.Pavithra	An Energy Efficient key Management & Authentication scheme Multicasting in Ad-Hoc Networks	Completed	2015
21	DR.T.Purusothaman	G.Selvi	Cryptanalysis of Block Ciphers using Extensive Heuristics Algorithm	Ongoing	-
22	DR.T.Purusothaman	K.Saravanan	Efficient key Management scheme for Secure Multicasting	Ongoing	-
23	DR.T.Purusothaman	P.S.Shenbagaraja	Stegno Analysis	Ongoing	-
24	DR.T.Purusothaman	Ashok Bakthavathsalam	Software Engineering	Ongoing	-
25	DR.T.Purusothaman	S.Uma Maheswari	A Secured Proof of Ownership & Enhanced Deduplication Scheme for Cloud Storage	Ongoing	-
26	DR.T.Purusothaman	Akshaya	Business Intelligence	Ongoing	-
27	DR.T.Purusothaman	Prasanna	Software Testing	Ongoing	-
28	DR.T.Purusothaman	M.Suresh Kumar	Cryptanalysis	Ongoing	-
29	DR.T.Purusothaman	J.Kalidass	Investigations on Security Issues In Cyber Physical Systems	Ongoing	-

30	DR.T.Purusothaman	S.Gladson Oliver	Security issues in Internet of Things	Ongoing	-
31	DR.T.Purusothaman	P.Rabi Devadoss	Cyber Crime Analysis & Malware Research	Ongoing	-
32	DR.T.Purusothaman	M.Manjukavi	Investigations on Current Issues in Network Security and Cyber Security	Ongoing	-

IBT

Sl. No.	Name and Designation of Supervisor	Name of the Research Scholar	Topic of research	Whether Completed/Ongoing	Year of Completion
1.	Dr.N.Saraswathy	Kiruthika.J	Optimization of L-glutaminase production from marine <i>Bacillus subtilis</i> JK-79 and its characterisation	Completed	2016
2.	Dr.K.Saravanan Professor and Head,Chemical Engineering Kongu Engineering College Perundurai	V.Karthik	Investigations into the possibilities of Effective strategies for treatment of Textile wastewater	ongoing	2018
3.	Dr.K.Muthukumaran Professor, Chemistry, GCT	T.Malarvizhi	Removal of synthetic dyes from wastewater	Ongoing	2018
4.	Dr. S. Meenakshi sundaram, Professor, Department of Biotechnology, Anna University, Chennai.	J. Arun Baskaran	Engineering of L-Arabinose Isomerase Enzyme for the production of Tagatose	Ongoing	2018
5.	Dr.S.Jeyanthi Professor,Civil Engineering.	K.Selvapriya	Lipase enzyme Production	ongoing	2019
6.	Dr.K.Muthukumaran	D.Angeline kiruba	Studies on biogenic metal oxide nanoparticles for the sequestration of heavy metal contaminants in water reserves.	Ongoing	2018
7.	Dr.C.Sivasankari AP / Chem	R.Nithya	Adsorption of dyes in aqueous solutions	Ongoing	2018
8.	Dr.K.Muthukumaran	A.Thirunavukkarasu	Biotechnological interventions in the removal of heavy metal ions in aqueous solution	Ongoing	2018
9.	Dr.S.Jayanthi Professor,Civil Engineering.	Ms.P.Saranya	Degradation of Lignocellulosic waste and conversion into value added products	Ongoing	2019
10.	Dr.K.Muthukumaran	D.Angeline kiruba	Studies on biogenic metal oxide nanoparticles for the sequestration of heavy metal contaminants in water reserves.	Ongoing	2018
11.	Dr.C.Sivasankari Assistant Professor,Chemistry	A.Annu	Removal of textile dye from waste water using biosorbent	ongoing	2018
12.	Dr.S.Jeyanthi Professor,Civil Engineering.	S.Madhuvanthi	Second Generation Bioethanol Production	ongoing	2019
13.	Dr.K.Muthukumaran	M.N.Priyadharshini	Synthesis and characterisation of functionalized nanoparticles for the mitigation of heavy metal ions in waste water	Ongoing	2018
14.	Dr. Anant Achary, Pricipal, Kamaraj College of Engineering and Technology, Virudhunagar	J.Mercy Nisha Pauline	Optimisation of Parameters for the Cultivation of Algae Extraction of Lipid and	Ongoing	2018

			Esterification to Biodiesel		
15.	Dr.V.M. Sivakumar	Mr.C.Muthukumaran	Synthesis and characterization of nano bio catalyst and evaluation of its catalytic efficiency in biochemical and environmental process	Ongoing	2018
16.	Dr.Thirumarimurugan	Mrs.G.Sharmila	Phytofabrication characterization of metal nanoparticles	Ongoing	2018
17.	Dr.Shyamala	Mr.V.Rajasekar	Corrosion studies	Ongoing	2018

PHYSICS

Sl.No	Name & Designation of the supervisor	Name of the research scholar	Topic of research	Whether completed/Ongoing	Year of completion
1.	Dr.N.Suriyanarayanan	1.Kannan Nithin K.V. 2.Vijayakumari.V 3.Prabhkar .S 4.Kathirvel .D 5.Srikanth.S 6.Mahendran.C 7.Balasubramanian .V 8.Balavijayalakshmi J 9. Ahalya K 10.Azhaghu shanmugam 11.Pavitra devi 12. Boobalan 13.Pradeep I 14.Satheeshkumar M K 15.Sabarish R 16.Ravindra Devi Revathy G 17.Saranya S	Mullite glass ceramics Image processing techniques PbSe ThinFilms CdS ThinFilms Antimony Sulphide ThinFilms Cu-InS ₂ Thin BiS Thinfilms Nano ferrites Nanoferrites Nanoferrites Nano ferrites Nano ferrites Nanotechnology Semiconducting thin films Thin film solar cells Thin film solar cells	Completed Completed Completed Completed Completed Completed Completed Completed Completed On going On going On going On going On going On going	May 2010 Dec 2010 June 2011 March 2012 Dec2012 DEC2012 DEC2013 JULY 2014 SEPTEMBER 2015 DEC 2015
2.	Dr.S.Anbuchudarazhagan	1.V.S.Kathiravan 2.M.Sathya Priya 3.V.Marianandha kumar	Crystal growth Crystal growth Crystal growth	ongoing Ongoing ongoing	
4.	Dr.S.Ayyappan	1.R.K.Sangeetha 2.D.Gokila 3.M.Saranya	Molecular dyanamics & Spectroscopy Molecular dyanamics & Spectroscopy Nanotechnology	Ongoing ongoing ongoing	

		4. R.Nithya	Nanotechnology	ongoing	
5.	Dr.A.Vanitha	1.Manikandan 2.Vickny selvan	Nanomaterials Nanomaterials	Ongoing Ongoing	

CHEMISTRY

Sl.No.	Name and Designation of the Supervisor	Name of the Research Scholar	Topic of Research	Whether Completed / Ongoing	Year of Completion
1.	Dr K. Muthukumaran Professor of Chemistry	10	Wastewater Treatment	3/7	2009, 2010 & 2016
2.	Dr S. Vairam Asso. Prof of Chemistry	14	Inorganic Complex Preparation and Charactrisation,	4/10	2014.2015 &2016
3.	Dr C. Sivasankari Asst. Prof of Chemistry	4	Wastewater Treatment	4	-

List of Latest 100 Research Papers

Sl. No.	Authors	Department	Title of Paper	Journal / Proceeding Name	Volume No.	Page No.	ISSN/ ISBN/ ACCN No.	Publication Date
1	Tmt. M. Raghappriya	Electronics and Instrumentation Engineering	Fault tolerant control design with acceptable performance degradation	ARPN Journal of Engineering and Applied Sciences	10	908-914	1819-6608	2015
2	Dr.T. Meenambal	Civil Engineering	Pedotransfer Functions in Hydrologic Modelling for Predicting the Effect of Changes in Soil Types on Watershed Hydrology	International Journal of Earth Sciences and Engineering	8,2			2015
3	Dr. T. Meenambal	Civil Engineering	Implications of Inter-Relationships between Evaluation Criteria on Calibration of Hydrologic Models	International Journal of Earth Sciences and Engineering	8, 2			2015
4	Dr. T. Meenambal	Civil Engineering	Assessment of Water Quality Index for the Groundwater in Downstreamside of the Kalingarayan Canal, Erode District	Indian Journal Environmental Production	34, 11			2015
5	Dr.T. Meenambal	Civil Engineering	Simulation Model for Predicting the Effects of Changes in Climate Parameters on Watershed Hydrology	International Journal of Applied Engineering Resaerch	10, 53			2015
6	Dr.S. Jayanthi	Civil Engineering	Durability study of Bagasse ash and Silicafume based hollow concrete block for lean mix	International journals of applied environmental sciences	10, 1	395-407		2015
7	Dr.T. Meenambal	Civil Engineering	Investigation on synthesis of biodiesel from Distillery spent wash using Oleaginous Yeast Metschnikowia Pulcherrima	International journals of applied Engineering research	10, 67	310-314		2015
8	Dr.S. Jayanthi	Civil Engineering	Treatment of Industrial waste water waste water using indigenous and coimmobilised algae entrapped in polymer matrix with subsequent extraction of byproducts	Environment: Science and policy for sustainable development	58, 5			2015
9	Dr.S. Jayanthi	Civil Engineering	A study on the potential of oleaginous yeast in producing lipid from garbage	International Journal of Applied Engineering Research	10, 67	346-350	0973-4562	2015
10	Dr.S. Jayanthi	Civil Engineering	Production of Microbial Lipid using Slaughterhouse Wastewater as Substrat	International Journal of Applied Engineering Research	10, 67	324-327	0973-4562	2015
11	Dr.J. Jeyanthi	Civil Engineering	Performance analysis of plain pan with pipeline arrangement solar evaporation system (PPPA) for treating textile dye effluent	International Journal of ChemTech Research	7, 7	2949-2954		2015

12	Dr.J. Jeyanthi	Civil Engineering	Performance evaluation of plain pan with gunny bag arrangement (PPGA) solar evaporation systems for treating textile dye	International Journal of Applied Engineering Research	10,77	412-416		2015
13	Mr.V. Karthik	Industrial BioTechnology	Effective Utilization and Conversion of Spent Distillery Liquid to Valuable Products Using an Intensified Technology of Two-stage Biological Sequestration	Chem. Biochem. Eng. Quaterly Issue,	29 (4)	599-608	0352-9568	2015
14	Mr.V. Karthik,Dr.K. Muthukumaran	Industrial BioTechnology	Removal of Ni (II) from Wastewater Using Low Cost Adsorbents: A Review	Journal of Chemical and Pharmaceutical Sciences	8 (1)	6-Jan	0974-2115	2015
15	Mr.V. Karthik	Industrial BioTechnology	Removal of dyes and metals using natural adsorbents	Journal of Chemical and Pharmaceutical Research	7 (3)	77-82	0975-7384	2015
16	Dr.K. Muthukumaran	Industrial BioTechnology	Nanoparticle Synthesis, Characterization and Its Applications in Cancer Drug Delivery- A Review	International Journal of Innovative Research and Creative Technology	1 (1)	117-23	2454 – 5988	2015
17	Ms. D. Angeline Kiruba,Ms. M.N. Priyadharshini,Ms. T. Malarvizhi	Industrial BioTechnology	Feasibility to employ Enterococcus faecalisphages to combat poultry infections	International Journal of Innovative Research and Creative Technology	1 (1)	64-69	2454 – 5988	2015
18	Ms. D. Angeline Kiruba,Ms. M.N. Priyadharshini,Ms. T. Malarvizhi	Industrial BioTechnology	Synthesis and characterization of banana pseudostem as a novel adsorbent	International Journal of Applied Engineering Research	10 (67)	340-342	0973-4562	2015
19	Ms. D. Angeline Kiruba,Ms. M.N. Priyadharshini,Ms. T. Malarvizhi	Industrial BioTechnology	Production and characterisation of biopolymer using Pseudomonas fluorescens	Journal of Chemical and Pharmaceutical Research	7 (8)	462-468	0975-7384	2015
20	Ms. D. Angeline Kiruba,Ms. M.N. Priyadharshini,Ms. T. Malarvizhi	Industrial BioTechnology	Production of isobutanol from Lactococcus lactis using valine catabolic degradation pathway	International Journal of Engineering Technology Science and Research	2 (4)	72-81	2394 – 3386	2015
21	Mrs. R. Nithya,Mr. A. Thirunavukkarasu,Ms. C. Sivasankari	Industrial BioTechnology,Chemistry	Removal of heavy metal from cu(II) from aqueous waste using Parthenium hysterophorus -a low cost adsorbent	International journal of advance research in Engineering, science and technology	2	34-37	2393-9877; 2394-2444	2015
22	Mr. A. Thirunavukkarasu,Mrs. R. Nithya	Industrial BioTechnology	Optimization and extraction of phenolic compounds from Capsicum annum using response surface methodology	International Journal of Emerging Research in Management & Technology	4	204-211	2278-9359	2015
23	Ms. A. Annu,Ms. C. Sivasankari	Industrial BioTechnology	Optimization of flavonoid extraction from the peel of poovan variety banana (Musa acuminata) using L16	Journal of Chemical and Pharmaceutical Sciences	8 (4)	629 - 635	0974-2115	2015

			Orthogonal design					
24	Mr.C. Muthukumaran	Industrial BioTechnology	Fibrinolytic enzyme production by newly isolated Bacillus cereus SRM-001 with enhanced in-vitro blood clot lysis potential	The Journal of General and Applied Microbiology	61	157-164	1349-8037	2015
25	Mr.C. Muthukumaran, Mrs. G. Sharmila	Industrial BioTechnology	Red pigment production by Monascus purpureus using sweet potato-based medium in submerged fermentation	NutraFoods	14	159-167	1827-8590	2015
26	Mr. L. Mangaleshwaran, Mr. V. Rajasekar, Mr. C. Muthukumaran	Civil Engineering, Industrial BioTechnology	Batch and fixed bed column studies on nickel (II) adsorption from aqueous solution by treated polyurethane foam	Journal of Taiwan Institute of Chemical Engineers	55	112-118	1876-1070	2015
27	Mr.C. Muthukumaran, Mrs. G. Sharmila	Industrial BioTechnology	Fabrication of a chitosan coated magnetic nanobiocatalyst for starch hydrolysis	Chemical Engineering and Technology	38	1444-1451	1521-4125	2015
28	Mr.C. Muthukumaran, Mrs. G. Sharmila	Industrial BioTechnology	Optimization of critical medium components for protein production by Nostoc ellipsosporum using response surface methodology	Arabian Journal for Science and Engineering	40	1875-1880	1319-8025	2015
29	Mr.C. Muthukumaran, Mrs. G. Sharmila	Industrial BioTechnology	Phytofabrication and characterization of monodisperse copper oxide nanoparticles using Albizia lebbeck leaf extract	Applied Nanoscience	5	1071-1021	2190-5509	2015
30	Mr.C. Muthukumaran	Industrial BioTechnology	Statistical optimization of process parameters for exopolysaccharide production by Aureobasidium pullulans using sweet potato based medium	3 Biotech	5	1067-1073	2190-5738	2015
31	Mr.C. Muthukumaran, Mrs. G. Sharmila	Industrial BioTechnology	Statistical optimization of critical medium components for biosurfactant production by Bacillus subtilis	Journal of BioScience & Biotechnology	4	123-129	1314-6238	2015
32	Mr. V. Rajasekar, Mr. C. Muthukumaran	Industrial BioTechnology	Development of a Simple Kinetic Model and Parameter Estimation for Biomass and Nattokinase Production by Bacillus Subtilis 1A752	Austin Journal of Biotechnology & Bioengineering	2	1036	2378-3036	2015
33	Dr.K.S. Amirthagadeswaran	Mechanical Engineering	Carbon Dioxide Capture Via Liquid Nitrogen in Compression Ignition Engine	Nature Environment and Pollution Technology	14, 2	427-430	0972-6268	2015
34	Dr.K.S. Amirthagadeswaran	Mechanical Engineering	Validation of a Leak-Before-Break Criterion Using Limit Load Solution	Journal of Failure Analysis and Prevention	15 (3)	417-423		2015

35	Dr.K.S. Amirthagadeswaran	Mechanical Engineering	Casting process optimization for reducing the cold shut defect in castings using response surface methodology	Indian Journal of Engineering and Materials Sciences	22 (2)	187-194	0975-1017, 0971-4588	2015
36	Dr.K.S. Amirthagadeswaran,Mrs. B. Rajeswari	Mechanical Engineering	Investigation on mechanical properties of aluminium 7075-silicon carbide-alumina hybrid composite using Taguchi method	Australian Journal of Mechanical Engineering	13 (2)	127-135		2015
37	Dr. K.S. Amirthagadeswaran	Mechanical Engineering	Combustion and Performance Characteristics of Water-in-diesel Emulsion Fuel	Energy Sources Part A: Recovery, Utilization, and Environmental Effects	37 (18)	2020-2028		2015
38	Dr.K.S. Amirthagadeswaran	Mechanical Engineering	, Performance of Additive Mixed Kerosene–Servotherm in Electrical Discharge Machining of Monel 400™	Materials and Manufacturing Processes	31 (4)	432-438		2015
39	Dr.K.S. Amirthagaswaran	Mechanical Engineering	Fuzzy Rule Based Prediction of IAQ Characteristics in Air Conditioned Car	Iranian Journal of Science and Technology	39 (M2)	437-450		2015
40	Dr.N. Nandakumar	Mechanical Engineering	Performance analysis of Gas turbine blade cooling by CFD	International Journal on Applications in Mechanical and Production Engineering	1 (4)	4-Mar	2395-3500	2015
41	Dr.N. Nandakumar	Mechanical Engineering	Study assessment on Occupational safety and health in small scale foundry environment	International Journal of Applied Engineering Research	10 (18)	39775-39779	0973-4562	2015
42	Dr.N. Nandakumar	Mechanical Engineering	Characteristic study of Natural Fibre-reinforced composite material	International Journal of Advance Research and Innovative Ideas in Education	1 (5)	106-113	2395-4396	2015
43	Dr.N. Nandakumar	Mechanical Engineering	Investigating the characterization of Magnetically Impelled Arc Butt welding	International Journal of Science, Engineering and Technology Research	4 (11)	3747-3750	2278 – 7798	2015
44	Dr.N. Nandakumar	Mechanical Engineering	Intelligent Approach for Optimizing Resources in Supply Chain System using RFID	International Journal of Science and Research	4 (9)	1681-1684	2319-7064	2015
45	Dr.N. Nandakumar	Mechanical Engineering	Performance analysis of Energy harvesting system by Using Electromagnetic principle	International Journal of Applied Engineering Research	10 (88)	105-108	0973-4562	2015
46	Dr.N. Nandakumar	Mechanical Engineering	Evaluating the Safety Characteristics and Contributing Factors For Accident In Foundry Industry	International Journal of Mechanical Engineering and Information Technology	3(11)	1561-1567	2348-196X	2015
47	Dr.N. Nandakumar	Mechanical Engineering	Generation of Hydrogen as alternate fuel from Aluminium with Gallium in Aqueous Solution	International Research Journal of Engineering and Technology	2 (6)	1245-1248	2395-0072	2015

48	Mrs. B. Rajeswari	Mechanical Engineering	1. Knock Characteristics of Dual Fuel Engine using LPG as Primary Fuel using Cylinder Pressure Method	International Journal For Research In Emerging Science And Technology	2 (1)	6-Jan	2349-7610	2015
49	Mr.K.Rajupillai	Mathematics	Reconstruction Theorem for Frames in Hilbert Space and application in Communication systems	International Journal of Applied Engineering Research	10	214-218	0973-4562	2015
50	Mr.K.Rajupillai	Mathematics	A certain investigation of operators and Frame theory	International Journal of Mathematical Archive	6 (10)	7-Jan	2229-5046	2015
51	Mr.K.Rajupillai	Mathematics	Frame Theory and Application in Digital Image Processing	International Journal of Latest Trends in Engineering and Technology	6	61-68	2278-621X	2015
52	Mr.K.Rajupillai	Mathematics	Computational Intelligence and Application of Frame Theory in Communication Systems	American Journal of Engineering and Applied Sciences	8(4)	633-637	1941-7020	2015
53	Dr.S. Srinivasa Moorthy, Dr.K. Manonmani	Mechanical Engineering, Production Engineering	An Optimization Approach to the Dry Sliding Wear Behavior of Particulate Filled Glass Fiber Reinforced Hybrid Composites	Journal of Engineered Fabrics & Fibers (JEFF)	10	113-120		2015
54	Dr.K. Manonmani	Mechanical Engineering	Laser Heat Treatment of the Steel Bottom Rollers of Textile Machines Used for Producing Quality Yarns	Lasers in Engineering	32	343-373		2015
55	Dr.K.S. Amirthagadeswaran, Dr.S. Periyasamy	Mechanical Engineering	Study on Characteristics of CI Engine Using Nano Additive Blended Diesel Fuel	International Journal of Applied Engineering Research	10	67	0973-4562	2015
56	Dr.S. Periyasamy	Mechanical Engineering	Outlet Temperature Prediction Modelling and Analysis of Flat Plate Solar Collector Using Al ₂ O ₃ Based Nano Fluid	International Journal of Applied Engineering Research	10	67	0973-4562	2015
57	Dr.S. Periyasamy	Mechanical Engineering	Production of Biodiesel by Cinder Supported nano MgO/KF as the Heterogeneous Base Catalyst using Rapeseed Oil	Journal of Chemical and Pharmaceutical Sciences	1	80-82	0974-2115	2015
58	Dr.S. Periyasamy	Mechanical Engineering	Studies on Mixed Waste Vegetable Oil for Production of Biodiesel by using Mg/AlNO ₃ and KOH as Catalyst	Journal of Chemical and Pharmaceutical Sciences	1	70-79	0974-2115	2015
59	Dr.N. Suriyanarayanan	Physics	Role of copper on structural and dielectric properties of nickel ferrite nano particles	Journal of Magnetism and Magnetic materials	385	302-307	0304-8853	2015
60	Dr.N. Suriyanarayanan	Physics	Influence of mole concentration on nanocrystalline Bi doped CuInS ₂ thin films with temperature by chemical spray method	Optik	126	4237-4242	0030-4026	2015

61	Dr.S. Anbuchudar Azhagan	Physics	Preparation and Characterization of CdS Nanoparticles by simple chemical bath Technique	International Journal of Applied Engineering Research	10	269-273	0973-4562	2015
62	Dr.S. Ganesan,Mrs. M. Rajeswari	Physics	Effect of thiourea concentration on the properties of electrodeposited NiMnS thin films	International Journal of Applied Engineering Research	10	335-339	0973-4562	2015
63	Dr.S. Gopi	Production Engineering	A review on friction stir welded T Joint	International Journal of Science Technology & Engineering	2	40-45	2349 - 784X	2015
64	Dr.V.M. Shanthi	Civil Engineering	Fresh, Micro- and Macrolevel studies of metakaolin blended self compacting concrete	Applied Clay Science	114	370-374	0169-1317	2015
65	Dr.R. Thenmozhi	Civil Engineering	Experimental studies on Flexural-Torsional Buckling of Cold-Formed Steel Lipped Channel Beams	Journal of Structural Engineering	1		0970-0137	2015
66	Dr. R. Thenmozhi	Civil Engineering	Strength characteristics of fly ash based Geopolymer Concrete Electric Poles at early age of 3 days	International journal of applied engineering research	10	13903-13911	0973-4562	2015
67	Dr.S. Kandasamy	Civil Engineering	Experimental investigations on the properties of coal ash brick units as Green building materials	International Journal of Coal Preparation and Utilization	1			2015
68	Mrs. Meenambal T.	Civil Engineering	Kinetic Modeling and Performance evaluation of HUASB reactor treating sago wastewater	Indian Journal of Environmental Protection	35, 4	265	0253-7141	2015
69	Mrs. Meenambal T.	Civil Engineering	Simulation model for Predicting the effects of Changes in Climate Parameters on Watershed Hydrology	International Journal of Applied Engineering Research	10, 53		0973-4562	2015
70	Mrs. Meenambal T.	Civil Engineering	Implications of Inter-Relationships between Evaluation Criteria on Calibration of Hydrologic Models	International Journal of Earth Sciences and Engineering	8, 2	80-87	0974-5904	2015
71	Mrs. Meenambal T.	Civil Engineering	Pedotransfer functions in Hydrologic Modelling for Predicting the Effect of Changes in Soil Types on Watershed Hydrology	International Journal of Earth Sciences and Engineering	8, 2	201-211	0974-5904	2015
72	Mrs. Meenambal T.	Civil Engineering	Characterization and effective utilization of flyash in road application	Indian Journal of Earth Sciences and Engineering	35,2	367	0253-7141	2015
73	Mrs. Meenambal T.	Civil Engineering	Experimental Study on Utilization of Bottom Ash with Geotextiles to Stabilize Expansive Soil Subgrades	National Conference on Recent Advancements in Geotechnical Engineering				2015
74	Mrs. Meenambal T.	Civil Engineering	Effect of Coalash with Geosynthesis in the stabilization of Expansive Soil for the Pavement	National Conference on Recent Advancements in Geotechnical Engineering				2015

75	Mrs. Meenambal T.	Civil Engineering	Study on the Performance of Geosynthesis in Flexible Pavement System	National Conference on Recent Advancements in Geotechnical Engineering				2015
76	Mrs. Meenambal T.	Civil Engineering	Strength Characteristics of Organic Soil Stabilized with Waste Plastic Fibres and Quiklime	National Conference on Recent Advancements in Geotechnical Engineering				2015
77	Mrs. Meenambal T.	Civil Engineering	Assessment of Germination Index for In vessel Compositing of Organic Fraction of Municipal Solid Waste	National Conference on Recent Advancements in Geotechnical Engineering				2015
78	Mrs. Meenambal T.	Civil Engineering	Effect of Industrial and agricultural wastes in the stabilization of expansive soil for the pavement subgrades	Indian Journal of Environmental Protection	35,9	715	0253-7141	2015
79	Dr.P.D. Arumairaj, Mr. V. Satheesh Kumar	Civil Engineering	Influence of Index Properties in Swelling Pressure of Clay	International Journal of Science and Research (IJSR)	4, 6		2277-8179	2015
80	Dr.P.D. Arumairaj	Civil Engineering	Evaluation of Settlement and Load Carrying Capacity of Footing with Micropiles on Sand	International Journal of Science and Research (IJSR)	4,6		2277-8179	2015
81	Dr.P.D. Arumairaj, Mr. V. Satheesh Kumar	Civil Engineering	Experimental Study on Permeability Behaviour in Cement treated marine Clay	International Journal of Science and Research (IJSR)	4,6		2277-8179	2015
82	Dr.P.D. Arumairaj	Civil Engineering	Comparison Study of Overlay Design for Pavement using Light Weight Deflectometer and Benkelman Beam	International Journal of Science and Research (IJSR)	4, 6		2277-8179	2015
83	Dr.P.D. Arumairaj	Civil Engineering	Improvement of bearing Capacity of Soft clay using Nanomaterials	International Journal of Science and Research (IJSR)	4,6		2277-8179	2015
84	Dr.P.D. Arumairaj	Civil Engineering	Experimental Study on Behaviour of Plate Anchors in Cohesionless Soil	International Journal of Science and Research (IJSR)	4, 6		2277-8179	2015
85	Dr.P.D. Arumairaj	Civil Engineering	Improvement in Soil Subgrade Reinforced with Natural Fibers	International Journal of Science and Research (IJSR)	4,6		2277-8179	2015
86	Dr. V. Lakshmi Prabha	Electronics and Communication Engineering	Design of Power Optimal Reversible FIR Filter for Speech Signal Processing	International Conference on Computer Communication and Informatics (ICCCI-2015)				2015
87	Dr.V. Lakshmi Prabha	Electronics and Communication Engineering	Design of Low area FIR Filter using Estimation Distribution Technique	International Conference on the Innovative Strategies in Renewable Energies and Its applications (ISREA 15)				2015

88	Dr.V. Lakshmi Prabha	Electronics and Communication Engineering	MRI Brain Image Classification - A Hybrid Approach	International Journal of Imaging Systems and Technology, Wiley Publications	25,3	226-244		2015
89	Dr.V. Lakshmi Prabha	Electronics and Communication Engineering	Segregation of MRI Brain Image Using Hybrid Evolutionary Clustering Algorithm	International Journal of Biomedical Engineering and Technology (IJBT), Inderscience Publications	18, 1	30-51		2015
90	Dr.M.L Valarmathi	Computer Science and Engineering	Correlation Based Dependent, Independent and Reduced Slicing Algorithms for Privacy Preserving Data Mining	International Journal of Applied Engineering Research (IJAER)	10, 1	30580-30595		2015
91	Dr.M.L Valarmathi	Computer Science and Engineering	Content based Medical Image Watermarking Scheme based on Arnold Transform with DWT Blending in Blocks SVD and Expansion for still images using ICA and Random blocks	International Journal of Applied Engineering Research, Engineering journal	10,1	1217-1227		2015
92	Dr.M.L Valarmathi	Computer Science and Engineering	Improved Binary increase congestion control algorithms for data transfer in satellite network	APRN Journal of Engineering and Applied Sciences	10, 7			2015
93	Dr.M.L Valarmathi	Computer Science and Engineering	Message Based Rebroadcasting in Vanet	World Applied Sciences Journal	33,3	409-415		2015
94	Dr.M.L Valarmathi	Computer Science and Engineering	A Dynamic Journal Parameter Estimation based Binary Increase Congestion control Algorithm for Data Transfer in Satellite Network	International Journal of Applied Engineering Research	10, 3			2015
95	Dr.M.L Valarmathi	Computer Science and Engineering	Fractal Image Compression Using Frog Leap Optimization Algorithm	International Journal of Applied Engineering Research (IJAER)	10,13	33361-33366		2015
96	Dr.R. Shanmugalakshmi	Computer Science and Engineering	Mult-Objective Firefly Algorithm for Multi-Class Gene Selection	International Journal of Science and Technology	1			2015
97	Dr.R. Shanmugalakshmi	Computer Science and Engineering	Privacy Preserving Remote Data Retrieval in Cloud Computing	International Journal of Applied Engineering Research	1			2015
98	Dr.T. Purusothaman	Computer Science and Engineering	Hybrid Broadcast Group Management Protocol for Secure, Scalable and Efficient Group Communication	journal of Computer Science	1			2015
99	Dr.T. Purusothaman	Computer Science and Engineering	Hierarchical Tree Structure Based Clustering Schemes for Secure Group Communication	Springer US, Mobile Networks and Applications	1			2015
100	Ms. S. Bhavani	Computer Science and Engineering	Filter Based Feature Selection for Protein Sequence Classification over Hadoop	International Journal of Applied Engineering Research (IJAER)	1			2015

ANNEXURE-II

Participation in proposed conferences/ seminars/FDPs (To be organized & attended)

Civil Engineering Environmental Engineering

Sl. No	Name and designation	Area of Training/ development	Duration	No of days	Place of training
1	Dr J. Jeyanthi Asso Prof	Nanotechnology	Dec 2017 FDP	7 days	GCT
2	S. Murugan Asst Prof	Biodiesel/ Bioenergy	Dec 2017 FDP	7 days	GCT
3	Dr J. Jeyanthi Asso Prof	Nanotechnology	Nov 2017 seminars	3days	IIT Guwahati
4	S. Murugan Asst Prof	Biodiesel/ Bioenergy	Dec 2018 seminars	3days	IIT Delhi
5	Dr J. Jeyanthi Asso Prof	Nanotechnology	April 2018 conference	3days	Spain
6	S. Murugan Asst Prof	Biodiesel/ Bioenergy	May 2018 conference	3days	USA
7	Dr J. Jeyanthi Asso Prof	Nanotechnology	Dec 2018 FDP	7 days	GCT
8	S. Murugan Asst Prof	Biodiesel/ Bioenergy	Dec 2018 FDP	7 days	GCT
9	Dr J. Jeyanthi Asso Prof	Nanotechnology	Oct 2018 seminars	3days	IIT Mumbai
10	S. Murugan Asst Prof	Biodiesel/ Bioenergy	Nov 2018 seminars	3days	IIT Delhi
11	Dr J. Jeyanthi Asso Prof	Nanotechnology	April 2019 conference	3days	Singapore
12	S. Murugan Asst Prof	Biodiesel/ Bioenergy	May 2019 conference	3days	Spain
13	Dr J. Jeyanthi Asso Prof	Nanotechnology	Dec 2019 FDP	7 days	GCT
14	S. Murugan Asst Prof	Biodiesel/ Bioenergy	Dec 2019 FDP	7 days	GCT
15	Dr J. Jeyanthi Asso Prof	Nanotechnology	Oct 2019 seminars	3days	IIT Kanpur
16	S. Murugan Asst Prof	Biodiesel/ Bioenergy	Nov 2019 seminars	3days	IIT Delhi
17	Dr J. Jeyanthi Asso Prof	Nanotechnology	Feb 2020 conference	3days	Italy
18	S. Murugan Asst Prof	Biodiesel/ Bioenergy	Jan 2020 conference	3days	Japan

Civil Engineering (Structures)

S. No	Name and Designation	Topic of Conference / Seminar / FDPs	Duration	No of days	Place of training
To be organised					
1	Dr.T.Meenambal	Sustainability issues in Environmental management	April 2017	1	GCT, CBE
2	Dr.R.Thenmozhi	Waste Material utilization	October 2017	7	GCT, CBE
3	Dr.S.Chithra	Special Concretes	May 2018	7	GCT, CBE
4	Dr.R.Chithra	Numerical simulation of structures	November 2018	7	GCT, CBE
5	Prof.G.Dhamodharakannan	Advancements in Civil Engineering	February 2019	2	GCT, CBE
6	Dr.M.Kumar	Remote sensing Applications	October 2019	7	GCT, CBE
To be attended					
1	Dr.T.Meenambal				
2	Dr.R.Thenmozhi	Earthquake resistant design of structures	November 2017	3	IIT Roorkee
		Finite element method	February 2018	5	NITTR Bhopal
		Essentials of outcome based education	April 2018	5	NITTR Kolkata
		Drawing, Analysis and Design of structures by Limit State Method using software.	September 2018	5	NITTR Kolkata
3	Dr.S.Chithra	Testing of concrete materials and concrete design mixes	December 2017	5	NITTR Bhopal
		Drawing, Analysis and Design of structures by Limit State Method using	September 2018	5	NITTR Kolkata

		software.			
		Introductory Course on Structural Dynamics & Earthquake Engineering	July 2017	5	NITTR Kolkata
4	Dr.R.Chithra	Design and detailing reinforced concrete elements	August 2017	5	NITTR Bhopal
		Philosophy of Limit State Method of Design and behaviour of RC Structures under Overloading	December 2017	5	NITTR Kolkata
		Introductory Course on Structural Dynamics & Earthquake Engineering	July 2017	5	NITTR Kolkata
5	Prof.G.Dhamodharakannan	Advanced feature of structural engineering software	August 2017	5	NITTR Bhopal
		MATLAB applications in engineering	October 2017	5	NITTR Bhopal
		Drawing, Analysis and Design of structures by Limit State Method using software.	September 2018	5	NITTR Kolkata
6	Dr.M.Kumar	Design and implementation of technical curricula for technical education	November 2017	5	NITTR Bhopal

Geotechnical Engineering

Sl. No	Name and Designation	Topic conference/ Seminar/FDPs	Duration	No.of Days	Place of Training
1	Dr. S.P. Jeyapriya (Assistant Professor)	National Conference in Area of Ground Improvement Techniques	July 2017	3	IIT's
2	S. Sathyapriya (Assistant Professor)	National Workshop in the Area of Geotechnical Engineering	Sep 2018	3	IIT's
3	Thiru.V.SatheesKumar (Assistant Professor)	National Workshop in the Area of Design of Earthquake Resistant Structures	Oct 2017	3	IIT's
4	Dr. S.P. Jeyapriya (Assistant Professor)	International Conference on Soil Stabilization Techniques	Dec 2018	3	IIT's
5	S. Sathyapriya (Assistant Professor)	International Conference on Geospatial Technologies	Sep 2018	7	IIT's
6	Thiru.V.SatheesKumar (Assistant Professor)	Workshop on National Geospatial Techniques	Nov 2018	3	IIT's
7	Dr. S.P. Jeyapriya (Assistant Professor)	International IGC Conference	Dec 2019	3	IIT's
8	Dr. S.P. Jeyapriya (Assistant Professor)	International IGC Conference	Dec 2019	3	IIT's
9	S. Sathyapriya (Assistant Professor)	International IGC Conference	Dec 2019	3	IIT's

Mechanical Engineering

To be Organized

Sl.No	Name and Designation	Topic conference/ seminar/FDPs	Duration	No. of Days	Place of Training
1	Dr.M.Nataraj, Professor of Mechanical Engg	International Conference on Innovations and Emerging Trends in Engineering Sciences and Technology	Dec 2017/ Jan 2018	3	Mech. Engg. Dept., G.CT
2.	Dr. P.K.Palani Asso. Professor	FDP – Emerging trends and research opportunities in welding	16.09.2017 - 22.09.2017	7	Mech. Engg. Dept., G.CT.
3	Dr. P.K.Palani Asso. Professor	Conference – National conference on Innovation in Smart materials	13.10.2017	1	Mech. Engg. Dept., G.CT.
4	Dr. N.Nandakumar Asst. Professor (Sr. Gr.)	FDP – Sustainable Manufacturing in Science and Technology	18.06.2017 – 24.06.2017	7	Mech. Engg. Dept., G.CT.
5.	Dr. N.Nandakumar Asst. Professor (Sr. Gr.)	FDP – Corrosion and surface engineering of Engineering materials	17.09.2016 – 23.09.2017	7	Mech. Engg. Dept., G.CT.
6	Dr. N.Nandakumar Asst. Professor (Sr. Gr.)	Seminar - Entrepreneurship development for young engineers	27.08.2017- 28.08.2017	2	Mech. Engg. Dept., G.CT.

To be Attended

SLNo	Name and Designation	GIAN - FDP	Duration	No. of Days	Place of Training
1	Dr.M.Nataraj, Professor of Mechanical Engg	Condition Monitoring and Vibration Control	ESC, Hyderabad	July 2017	ESC, Hyderabad
2.	Dr. P.K.Palani Asso. Professor	Electric Vehicles and System Design	03.07.2017 - 13.07. 2017	Five days	B.M.S College of Engineering, Bull Temple Road, Bangalore-560019
3	Dr. N.Nandakumar Asst. Professor (Sr. Gr.)	Electric Vehicles and System Design	03.07.2017 - 13.07. 2017	Five days	B.M.S College of Engineering, Bull Temple Road, Bangalore-560019

Manufacturing Engineering

S.No	Name and Designation	Topic of Conference / Seminar/ FDP	Duration	No.of.Days	Place of Training
1	Dr.M.SEKAR, ASSO.PME Prof.R.SURENDRAN, APME Prof.B.RAJESWARI, APME	Tribological Behaviour	DEC'17	7	GCT, Coimbatore
2	Dr.M.SEKAR, ASSO.PME Prof.R.SURENDRAN, APME Prof.B.RAJESWARI, APME	Composite Materials and its Processing	MAY'18	14	GCT, Coimbatore
3	Dr.M.SEKAR, ASSO.PME Prof.R.SURENDRAN, APME Prof.B.RAJESWARI, APME	Corrosion and its Characteristics	NOV'18	7	GCT, Coimbatore
4	Dr.M.SEKAR, ASSO.PME Prof.R.SURENDRAN, APME Prof.B.RAJESWARI, APME	Solar Energy Utilization	NOV'18	7	GCT, Coimbatore
5	Dr.M.SEKAR, ASSO.PME Prof.R.SURENDRAN, APME Prof.B.RAJESWARI, APME	Optimization Techniques in Engineering	DEC'18	7	GCT, Coimbatore
6	Dr.M.SEKAR, ASSO.PME Prof.R.SURENDRAN, APME Prof.B.RAJESWARI, APME	National Conference in Advancements in Mechanical Sciences	MAY'19	1	GCT, Coimbatore
7	Dr.M.SEKAR, ASSO.PME Prof.R.SURENDRAN, APME Prof.B.RAJESWARI, APME	Workshop on Recent trends in Advanced Machining	NOV'19	3	GCT, Coimbatore
8	Dr.M.SEKAR, ASSO.PME Prof.R.SURENDRAN, APME Prof.B.RAJESWARI, APME	Workshop on Innovation in Solar Technology	DEC'19	2	GCT, Coimbatore

Mechanical Engineering (Engineering Design)

Sl No	Name & Designation	Topic of Conference/ Seminar/ FDPs	Duration	No of Days	Place of Training
1.	Dr.T.AlwarSamy Professor Mechanical Engg(PG)	1. 2017 International Conference on Automotive and Vehicle Engineering (ICAVE 2017) - IEEE Xplore and Ei Compendex	01.10.2017 - 03.10.2017	3	Singapore
		2. 27th International Conference on Researches in Science & Technology (ICRST)	29.12.2017 - 30.12.2017	2	Bangkok, Thailand
		3. Proposed to go in the year 2019	July'2019	2/3	Abraod
2.	Dr.T.AlwarSamy Professor / Dr.K.Manonmani Associate Professor/ Dr.S.Periyasamy Assistant Professor	1. Finite Element Analysis and Computation Fluid Dynamics	06.05.17- 12.05.17	7	Government College of Technology
		2. Soft Computing Techniques in Research.	10.12.17 – 16.12.17	7	Government College of Technology

		3. Advanced Welding Techniques and Usages.	13.05.18 - 18.05.18	7	Government College of Technology
		4. Advance flow Visualization Techniques.	16.12.18 - 22.12.18	7	Government College of Technology
		5. Vibration System Analysis and Condition Monitoring.	19.05.19 - 25.05.19	7	Government College of Technology
		6. Combustion Techniques and Analysis.	08.12.19 - 14.12.19	7	Government College of Technology
3.	Dr.K.Manonmani Associate Professor	1. 2017 International Conference on Automotive and Vehicle Engineering (ICAVE 2017) - IEEE Xplore and Ei Compendex	01.10.2017 - 03.10.2017	3	Singapore
		2. 27th International Conference on Researches in Science & Technology (ICRST)	29.12.2017 - 30.12.2017	2	Bangkok, Thailand
		3. Proposed to go in the year 2019	July'2019	2/3	Abraod
4.	Dr.S.Periyasamy Assistant Professor	1. 2017 Tsinghua-Princeton Summer School on Combustion	17.07.2017 - 23.07.2017	7	Tsinghua University, Centre for Combustion Energy
		2. 2017 International Conference on Automotive and Vehicle Engineering (ICAVE 2017) - IEEE Xplore and Ei Compendex	01.10.2017 - 03.10.2017	3	Singapore
		3.27th International Conference on Researches in Science & Technology (ICRST)	29.12.2017 - 30.12.2017	2	Bangkok, Thailand
		4.Proposed to go in the year 2019	July'2019	2/3	Abraod

Production Engineering (UG)

Sl. No.	Name and Designation	Topic of Conference/ Seminar /FDP	Duration	No. of Days	Place of training
1.	Dr.S.Srinivasamoorthy Associate Professor	FDP	April 17 – March 18	14	Within India
		FDP	April 18 – March 19	14	Within India
		FDP	April 19 – March 20	07	Within India
2.	Dr.S.Gopi, Associate Professor	FDP	April 17 – March 18	14	CIT,CBE
		FDP	April 18 – March 19	14	GCT,CBE
		FDP	April 19 – March 20	14	PSG,CBE
		FDP	April 17 – March 18	07	IIT,Chennai
		FDP	April 18 – March 19	07	GCE,Salem
		FDP	April 19 – March 20	07	IIT, Chennai
3.	A.Sasikumar Assistant Professor	FDP	April 17 – Sep 17	14	CIT, CBE
		FDP	Oct 17 – Dec 17	07	GCT, CBE
		FDP	April 18 – Sep 18	14	PSG, CBE
		FDP	Oct 18 – Dec 18	07	IIT Chennai
		FDP	April 19 – Sep 19	14	GCT, CBE
		FDP	Oct 19 – Dec 19	07	CIT, CBE
4.	G.Vijayarajaragavan Assistant Professor	FDP	Jan 20 – March 20	07	IIT, Chennai
		FDP	April 17 – Sep 17	14	CIT, CBE
		FDP	Oct 17 – April 17	14	IIT, Chennai
		FDP	April 18 – Sep 18	07	GCT, CBE
		FDP	Oct 18 – Jan 19	07	IIT, Chennai
		FDP	Feb 19 – May 19	07	GCT, CBE
5.	N. Ajaymanikandan Assistant Professor	FDP	June 19 – Sep 19	07	PSG, CBE
		FDP	Oct 19 – March 20	14	IIT, Chennai
		FDP	April 17 – March 18	14	CIT, CBE
		FDP	April 18 – March 19	14	GCT, CBE
		FDP	April 19 – March 20	14	PSG, CBE
		FDP	April 17 – March 18	07	IIT, Chennai

		FDP	April 18 – March 19	07	GCE, Salem
		FDP	April 19 – March 20	07	IIT, Chennai
6.	S. Kumar Assistant Professor	FDP	April 17 – March 18	14	CIT,CBE
		FDP	April 18 – March 19	14	GCT,CBE
		FDP	April 19 – March 20	14	PSG,CBE
		FDP	April 17 – March 18	07	IIT,Chennai
		FDP	April 18 – March 19	07	GCE,Salem
		FDP	April 19 – March 20	07	IIT,Chennai
7.	Dr.P.Ilamathi Assistant Professor	FDP	April 17 – March 18	14	CIT, CBE
		FDP	April 18 – March 19	14	GCT, CBE
		FDP	April 19 – March 20	14	PSG, CBE
		FDP	April 17 – March 18	07	IIT, Chennai
		FDP	April 18 – March 19	07	GCE, Salem
		FDP	April 19 – March 20	07	IIT, Chennai
8.	M. Sankar Kumar Assistant Professor	FDP	April 17 – March 18	14	CIT, CBE
		FDP	April 18 – March 19	14	GCT, CBE
		FDP	April 19 – March 20	14	PSG, CBE
		FDP	April 17 – March 18	07	IIT, Chennai
		FDP	April 18 – March 19	07	GCE, Salem
		FDP	April 19 – March 20	07	IIT, Chennai

EEE

S.No	Name and Designation	Topic of Conference / Seminar / FDPs	Duration	No. of Days	Place of training
1	Dr. V. Geetha, Asso. Prof/ EEE	International Conference on Alternate Energy Technology (organized)	March 2018	2 days	GCT, CBE
1	Dr.E.LATHA MERCY, ASSOCIATE PROFESSOR	Energy Conversion Congress	Sept 18		US
		Power Electronics Conference	Oct1 9		US
1	N.Narmadhai, APEE	2018 IEEE Energy Conversion Congress and Exposition	12 Oct – 18 Oct 2018	7	Portland OR, USA
2	N.Narmadhai, APEE	2019 IEEE Applied Power Electronics Conference and Exposition	24 .03.19 To 28.03.19	5	Anaheim,USA
3	N.Narmadhai, APEE	ICRERA 2019: 21st International Conference on Renewable Energy Resources and Applications	25-26June2019	2	Paris, France
1	Dr. R. Rajeswari, APEE	FDP on Integration issues of renewable energy Sources (To be Organized)	Dec 2017	7	GCT, CBE
2	Dr. R. Rajeswari, APEE	FDP (To be attended)	May 2017	7	IIT & NIT & IISC , Bangalore, India
3	Dr. R. Rajeswari, APEE		Dec 2017	7	
4	Dr. R. Rajeswari, APEE		May 2018	7	
5	Dr. R. Rajeswari, APEE		Dec 2018	7	
6	Dr. R. Rajeswari, APEE		May 2019	7	
7	Dr. R. Rajeswari, APEE		Dec 2019	7	
8	Dr. R. Rajeswari, APEE	International Conference (To be attended)	2018	2	Singapore
9	Dr. R. Rajeswari, APEE	International Conference (To be attended)	2019	2	Denmark
10	Dr. R. Rajeswari, APEE	International Conference (To be Organized)	March 2020	1	GCT, CBE
1	Dr.K.Ranjith kumar AP/EEE, GCT, CBE-13	Solar PV and Wind Energy system design	Nov. 2017 (One week)	7 days	EEE Seminar Hall, GCT
2	Dr.K.Ranjith kumar AP/EEE, GCT, CBE-13	Solar PV and Wind Energy systems and applications in Simulation environment	May 2018 (One week)	7 days	EEE Seminar Hall, GCT

3	Dr.K.Ranjith kumar AP/EEE, GCT, CBE-13	PWM Techniques and control topology for Power electronic converters	(Dec 2018) One week	7 days	EEE Seminar Hall, GCT
4	Dr.K.Ranjith kumar AP/EEE, GCT, CBE-13	Soft computing techniques	(May 2019) One week	7 days	EEE Seminar Hall, GCT
5	Dr.K.Ranjith kumar AP/EEE, GCT, CBE-13	Storage devices and applications	(Nov. 2019) One week	7 days	EEE Seminar Hall, GCT
1	Prof. K. Yasoda	Wind Energy Conversion System To be attended:	June 2018	7	GCT, CBE
1	Dr.P.Maruthupandi AP/EEE To be attended:	QIP-Staff Development Course on Non linear and adaptive control design	12-6-2017 to 16-6-2017	5	Indian Institute of Science, Bangalore
2		International Conference on Recent Trends in Environment Science and Engineering.	23-8-2017 to 25-8-2017	3	Toronto, Canada
1	Dr.P.Maruthupandi AP/EEE To be organised:	One week FDP on Research Issues and Solutions in Power Electronic Converter design.	09-5-2018 to 15-5-2018	7	Department of EEE,GCT, Coimbatore.
2		One week FDP on Research Issues and Solutions in Renewable Energy systems through Soft Computing Techniques.	08-5-2019 to 14-5-2019	7	Department of EEE,GCT, Coimbatore.
3		One Day workshop on Electrical safety in Industries.	09-2-2018	1	Department of EEE,GCT, Coimbatore.
4		One Day workshop on product design for patent	27-7-2018	1	Department of EEE,GCT, Coimbatore
1	Dr.S.Chitra, AP/EEE To be attended:	International Conference on Recent Trends in Environment Science and Engineering.	23-8-2017 to 25-8-2017	3	Toronto, Canada
1	Dr. Sujatha Balaraman, APEE	FDP on “SOFT COMPUTING TECHNIQUES IN POWER SYSTEMS” (To be Organized)	August 2018	7	GCT, CBE
2	Dr. Sujatha Balaraman, APEEE	FDP (To be attended)	May 2017	7	IIT & NIT & IISC , Bangalore, India
3	Dr. Sujatha Balaraman, APEEE		Dec 2017	7	
4	Dr. Sujatha Balaraman, APEEE		May 2018	7	
5	Dr. Sujatha Balaraman, APEEE		Dec 2018	7	
6	Dr. Sujatha Balaraman, APEEE		May 2019	7	

7	Dr. Sujatha Balaraman, APEEE		Dec 2019	7	
8	Dr. Sujatha Balaraman, APEEE	International Conference (To be attended)	2018	2	Singapore
9	Dr. Sujatha Balaraman, APEEE	International Conference (To be attended)	2019	2	Denmark
10	Dr. Sujatha Balaraman, APEEE	International Conference (To be Organized)	March 2020	1	GCT, CBE

EIE

S.No	Name and Designation	Topic of conferences/ seminars/FDPs	Duration	No. of Days	Place of training
1	Prof. A S Wincy Pon Annal Assistant Professor	Advanced Process Control	1 week	7	Coimbatore
2	Prof. G.R. Radhika Assistant Professor	Embedded Systems and VLSI design	1 week	7	Coimbatore
3	Prof. C Marimuthu Assistant Professor	Advanced Process Control	1 week	7	Coimbatore
4	Prof M Raghappriya Assistant Professor	Industrial Automation and Avionics	1 week	7	Coimbatore
5	Prof. B. Lavanya Jeya Gomathy Assistant Professor	Industrial Instrumentation	1 week	7	Coimbatore
6	Prof N Arulmozhi Assistant Professor	Advanced Control Strategies	1 week	7	Coimbatore

ECE

Sl. No.	Name and Designation	Topic of Conference/Seminar/ FDPs	Duration	No. of Days	Place of training
1.	Dr.R.Satyabama , Professor/ECE / GCT/CBE	IEEE International conference on Image Processing	17 Sep - 20 Sep 2017	4	China National Convention Center (CNCC) No.7 Tianchen East Road Chaoyang District Beijing, China
2.	Dr.R.Satyabama , Professor/ ECE/ GCT/CBE	IASTEM-172ND INTERNATIONAL CONFERENCE ON RECENT ADVANCES IN ENGINEERING AND TECHNOLOGY (ICRAET)	1st-2nd May, 2017	2	at Kuala Lumpur , Malaysia
3.	Dr. C. Vasanthanayaki, Associate Professor/ ECE/GCT/CBE	International Conference on Advances in Internet of Things and Connected Technologies (ICIOTCT) 2017	26th to 27th May 2017	2	Jaipur, Rajasthan, India
		EAI International Conference On Emerging Trends In Intelligent Systems	27th to 28th May 2017	2	COIMBATORE, India, India
		International Conference on New Frontiers in Engineering, Science & Technology	8th to 12th January 2018	4	New Delhi, Delhi, India
		4th International Conference on Stress Management (ICSM 2017)	3rd to 4th November 2017	2	Goa, India
4.	Dr. S. Kothainachiar, Associate Professor/ ECE/GCT/CBE	IASTEM-172ND INTERNATIONAL CONFERENCE ON RECENT ADVANCES IN ENGINEERING AND TECHNOLOGY (ICRAET)	1st-2nd May, 2017	2	at Kuala Lumpur , Malaysia
5.	Dr. C. Shanthi, Associate Professor/ ECE/GCT/CBE	ICBSIP 2017 : International Conference on Bio-Signal and Image Processing (ICBSIP 2017)	Jul 22, 2017 - Jul 24, 2017	3	Veszprém, Hungary

6.	Dr. Meena Srinivasan, Associate Professor/ ECE/GCT/CBE	IASTEM-172ND INTERNATIONAL CONFERENCE ON RECENT ADVANCES IN ENGINEERING AND TECHNOLOGY (ICRAET)	1st-2nd May, 2017	2	at Kuala Lumpur , Malaysia
7.	Dr.O.Saraniya, Assistant Professor(Sr.Gr) / ECE/GCT/CBE	2 nd World congress on ,"Medical imaging and clinical Research""	11.09.2017 & 12.09.2017	2	Paris,France
8.	Dr.P.Deepa., Assistant Professor/ECE /GCT/CBE	IEEE International Symposium on Nanoelectronic and Information Systems	18.12.17 to 20.12.17	3	Bhopal, India
9.	Prof.N.Ameena Bibi, Assistant Professor/ECE/ GCT/CBE	International Conference on Computing Analytics and Networking (ICCAN 2017).	December 15 - 16, 2017	2	School of Computer Engineering, KIIT University, Odisha, India
10.	Prof.A.Anitha, Assistant Professor/ECE/ GCT/CBE	INDICON-2017	DEC15- 17,2017	3	IIT ROORKE

CSE

S.No	Name and Designation	Topic of Conference / Seminar / FDPs	Duration	No. of Days	Place of Training
Faculty Development Programmes					
1.	Prof.S.Kumaresan, Professor and Head	Software Defined Networks	Nov – Dec 2017	14 days	Dept of CSE, GCT.
	Dr.J.C.Miraclin Joyce Pamila, AP(SG)	Dependable and Secure Computing	Nov – Dec 2017	14 days	Dept of CSE, GCT.
		Cyber Physical and Social Computing	Apr – May 2018	14 days	Dept of CSE, GCT.
		Dr.S.Rathi, AP (SG)	Privacy, Security and Trust	Apr – May 2018	14 days
	Dr.K.Kumar, Assistant Professor	Machine Translation and Learning tools	Nov – Dec 2018	14 days	Dept of CSE, GCT.
	T.Ragasenbagam, Assistant Professor	Smart Cities, Automation and Intelligent Systems	Nov – Dec 2018	14 days	Dept of CSE, GCT.
		Smart Objects – Systems and Technologies	Apr – May 2019	14 days	Dept of CSE, GCT.
	A.MeenaKowshalya, Assistant Professor	Embedded IoT	Apr – May 2019	14 days	Dept of CSE, GCT.
	R.Bhavani, Assistant Professor L.Sumathi, Assistant Professor	Automotive Software Architecture	Nov –Dec 2020	14 days	Dept of CSE, GCT.
National / InternationalConferences					
1.	Dr.J.C.Miraclin Joyce Pamila, Assistant Professor (SG)	Advanced Networking and Communication	Nov – Dec 2017	2 days	Dept of CSE, GCT
		Data Analytics	Apr – May 2018	2 days	Dept of CSE, GCT
		Computational Intelligence	Nov – Dec 2018	2 days	Dept of CSE, GCT
2.	Dr.S.Rathi, Assistant Professor (SG)	Network Science	Nov – Dec 2017	2 days	Dept of CSE, GCT
		Wireless Sensor Networks	Apr – May 2018	2 days	Dept of CSE, GCT
		Secure and Dependable Computing	Nov – Dec 2018	2 days	Dept of CSE, GCT
3.	Dr.K.Kumar, Assistant Professor	Machine Learning	Nov – Dec 2017	2 days	Dept of CSE, GCT
		Cyber Security	Apr – May 2018	2 days	
Seminars					
1.	Dr.S.Rathi, Assistant Professor (SG)	Cyber physical and Social Computing	Nov – Dec 2017	1 day	Dept of CSE, GCT
		Smart objects- systems and Techniques	Apr – May 2018	1 day	Dept of CSE, GCT
		Pervasive Systems	Apr – May 2018	1 day	Dept of CSE, GCT

IT

Sl. No	Name and Designation	Topic Conference/seminar/FDPs	Duration	No.of Days	Place of Training
1	Mr.J.Kalidass/AP Ms.T.Suguna/AP	Cyber Crime and Malware Analysis	10/05/2017 to 16/05/2016	7	Coimbatore
2	Ms.R.Devi/AP Mr. S.Gladson Oliver/AP	Open source support for Cloud Computing	20/11/2017 to 26/11/2017	7	Coimbatore
3	Mrs.R.Malavika, AP Mrs.C.Aswini, AP	Workshop on SDN	9/10/2017 to 10/10/2017	2	Coimbatore

IBT

Sl. No.	Name and Designation	Topic of Conference/ Seminar/FDPs	Duration	No. of Days	Place of training
1.	Kiruthika J	International Conference On Agriculture, Ecology And Biological Engineering	May 2-3, 2017	2	Thailand
2.	T.Malarvizhi Asst. Prof	8 th International conference on Environmental Engineering and Applications(ICEEA)	18 th -20 th July 2017	03	Rome, Italy
3.	K.Selvapriya Assistant Professor	26 th international conference on researches in science and technology	22-23 Dec 2017	2	Dubai, UAE
4.	D.Angeline kiruba Asst. Prof	8 th International conference on Environmental Engineering and Applications(ICEEA)	18 th -20 th July 2017	03	Rome, Italy
5.	R.Nithya Asst. Prof	7th International Colloids Conference	18 th – 21 st June 2017	04	Spain
6.	A.Thirunavukkarasu Asst. Prof	7th International Colloids Conference	18 th – 21 st June 2017	04	Spain
7.	P.Saranya Assistant professor	International Conference On Environment, Energy And Biotechnology	August 20-22, 2017	3	KITAKYUSH U, JAPAN
8.	P.Saranya Assistant Professor	20th International Conference on Environmental Biotechnology, Water and Wastewater Treatment	May 3-4, 2018	2	Rome, Italy
9.	A.Annu Assistant Professor	26 th international conference on researches in science and technology	22-23 Dec 2017	2	Dubai, UAE
10.	S.Madhuvanthi Assistant Professor	26 th international conference on researches in science and technology	22-23 Dec 2017	2	Dubai, UAE
11.	M.N.Priyadharshini Asst. Prof	8 th International conference on Environmental Engineering and Applications(ICEEA)	18 th -20 th July 2017	03	Rome, Italy

PHYSICS

S.No	Name & Designation	Topic Conference/seminar/ FDP	Duration	No.Of .Days	Place of training
1.	Dr.N.Suriyanarayanan	Management/Conference	June 2018	1	GCT,CBE
2.	G.Ravindra Devi Revathy	Nanotechnology/FDP	November 2018	14 days	GCT,CBE
3.	Dr.Anbuchudazhagan	Crystal growth/workshop	October 2019	7 days	GCT,CBE
4.	Dr.S.Ayyapan	Nanotechnolgy/Seminar	September 2019	2 days	GCT,CBE
5.	Dr.M.Rajeshwari	Thin film technology/FDP	February 2020	One week	GCT,CBE

CHEMISTRY

Sl. No.	Name and Designation	Topic of Conference/ Seminar/ FDPs	Duration	No. of Days	Place of training
1.	Dr K. Muthukumaran Professor of Chemistry	Recent trends in Pollution abatement	05.06.17 – 09.06.17	5	Chemistry GCT
2.	Dr S. Vairam Asso. Prof of Chemistry	Recent trends in Nanochemistry	12.06.17 – 16.06.17	5	Chemistry GCT

ENGLISH

Sl. No.	Name and Designation	Topic of Conference/ Seminar/ FDPs	Duration	No. of Days	Place of training
1	Dr.J.Anbzhagan Vijay	FDP on Communicative English	24.06.17 to 30.06.17	7	GCT
2	Dr.J.Anbzhagan Vijay	National Conference	28.12.17 to 29.12.17	2	Ooty
3	Dr.S.Latha Venkateswari	Workshop	26.12.18 to 28.12.18	3	GCT
4	Dr.J.Anbzhagan Vijay	Workshop for Administrative and Non-Teaching	03.05.19 to 09.05.2019	7	GCT
5	Dr.J.Anbzhagan Vijay	FDP on Professional Communication in English	12.12.18 to 18.12.17	7	Kotagiri

ANNEXURE-III
INDUSTRY ELECTIVES OFFERED

S.No	Branch	Subject	Industry	Year of starting	Duration	Sanctioned Intake	Name & address of the industrial person taking classes	Phone number & Email ID
1	CIVIL	Design of Advanced Industrial Structures	M/s. S.G. Structural Engineers, Coimbatore	2015	6 Months	18	Dr.G.Venkatasubramani SG structural Engineers, Coimbatore	9842212109 prosgfv1968@gmail.com
2	CIVIL	Field Practices in the design of Geotechnical Structures	M/s. Larsen & Toubro, Chennai	2014	6 Months	18	Dr.V.Balakumar Consultant Simplex Infrastructure Pvt.Ltd	9841025210 vb_kumar2002@yahoo.com
3	MECH	Design, Manufacture & Inspection of gears	Alfa Drives Shanthi Gears	2016	6 Months	80	Er. Suresh Williams, Managing Director, M/s.Alpha Drives, 1/1 VVK Menon Road, Coimbatore-25	+91 422 4202 951 ptos@alphadrives.co.in
							Er. K.S. Ramalingam, DFM and Innovation Consultant, Coimbatore	9789965421 erramalingam.ks@gmail.com
4	MECH	Design, Manufacture and Testing of pumps	Best Engineers CRI Pumps	2015	6 Months	72	Dr.M. Suresh Kumar, Team Lead, CFD, Pricol Technologies, Coimbatore	9600951569

5	EEE	Smart Grid Technology	ABB	2015	6 months	16 (PG) 66 (UG)	Dr. Gopinath Selvaraj Robert Bosch, Bangalore Dr.P. Madan Mohan ABB, Chennai	98451 68026 gopinath.selvaraj@in.bosch.com 94425 85082 Madan.mohan@in.ABB.com
6	EEE	Energy Storage Technology	Ampere Vehicles	2015	6 months	16 (PG) 66 (UG)	Mr. Bala, Managing Director, Ampere Vehicles Pvt. Ltd Coimbatore	09888678900 bala@vmetalarts.com
7	ECE	Mixed and Digital Signals Controllers	Texas Instruments, Bangalore & Steps Knowledge Services, Coimbatore	2014	4 months	36	Mrs.N.Kavitha Steps Knowledge Services, Coimbatore	+91 422 2271011 skt@stepsmail.com
8	CSE / IT	Enterprise Infrastructure Management (UG)	TCS	2013	6 Months	60	Mrs. Jayalakshmi Tata Consultancy Services, Chennai	9884532234 r.jayalakshmi@tcs.com
9	CSE	Advanced Micro Controller and its application in embedded systems (PG)	Frontline electronics, Salem	2013	6 months	15	Mr. Balaji, Technical Director Frontline electronics PVt Ltd, Pandian Street, Salem	9443234348 91 427 244 9238 / 320 9844 feplslm@frontlinemail.com feplslm@gmail.com

ANNEXURE IV

MoU Signed with Industries

S.No	Name Of The Company	MoU Signed Date	Activity
1	TATA Consultancy Services, Chennai	16/07/2012	Academic Interface Programme
2	Robert Bosch Engineering and Business Solutions Limited , Coimbatore	08/02/2013	To Provide a framework of reference to build a strong relationship between RBEI and GCT in various areas of mutual interest and benefit
3	PAYODA TECHNOLOGIES , Coimbatore	07/05/2013	To work in a collaborative manner and research with mutual interest
4	TEXAS Instrument , Chennai	01/07/2013	To exchange research programs
5	K7 Computing , Chennai	19/07/2013	To exchange programmes
6	Central Leather Research Institute Adayar , Chennai	28/08/2013	To have collaborative research
7	SHEVGRAY Management Consultancy , USA	21/04/2014	To provide expertise in IPR
8	Alpha Power, Coimbatore	24/09/2014	To impart technical training
9	Michigan State University, USA	10/10/2014	Research Exchange Programme
10	Tech Break Through ,Coimbatore	14/08/2015	Consultancy & Students' training
11	Exterro Technologies, Coimbatore	12/09/2015	Intern and technical programmes
12	Gamesa, Chennai	07/01/2015	Research in solar power

NATIONAL BOARD OF ACCREDITATION

NBCC Place, East Tower, 4th Floor, Bhisham Pitamah Marg,
Pragati Vihar, New Delhi-110 003
Tel: +91 11 2436 0620-22, 2436 0654 Telefax: +91 11 2436 0682 -
Website: www.nbaiind.org



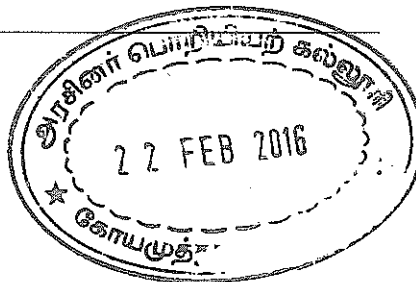
NATIONAL BOARD
of ACCREDITATION

F.No.33-167-2010-NBA

Dated: 16-02-2016

To,

The Principal
Government College of Technology
Thadagam Road, Coimbatore-641013
Tamil Nadu.



Subject: Accreditation status of programmes applied by Government College of Technology, Thadagam Road, Coimbatore-641013, Tamil Nadu.

Sir,

This has reference to your application dated 21-03-2014 in Tier-I format seeking accreditation by National Board of Accreditation to UG Engineering programmes offered by Government College of Technology, Thadagam Road, Coimbatore-641013 Tamil Nadu.

2. An Expert Team conducted on-site evaluation of the programmes during 30th October- 1st November, 2015. The report submitted by the Expert Team was considered by the concerned Committees constituted for the purpose in NBA. The competent authority in NBA has approved the following accreditation status to the programmes as given in the table below:

Sl. No.	Name of the Programmes (UG)	Basis of Evaluation	Accreditation Status	Period of validity w.e.f. 01.01.2016	Remarks
(1)	(2)	(3)	(4)	(5)	(6)
1.	Mechanical Engineering	Tier-I Document	Provisionally Accredited	2 years	Accreditation status granted is valid for the period indicated in Col.5 or till the program has the approval of the competent authority, whichever is earlier
2.	Civil Engineering		Accredited	5 years	
3.	Electrical & Electronics Engineering		Accredited	5 years	
4.	Computer Science & Engineering		Provisionally Accredited	2 years	
5.	Electronics & Communication Engineering		Accredited	5 years	

3. It may be noted that only students who graduate during the validity period of accreditation, will be deemed to have graduated with an NBA accredited degree.

4. In respect of the programs which have been granted Provisional Accreditation for 2 years, Government College of Technology, Thadagam Road, Coimbatore-641013 Tamil Nadu is required to submit the Compliance report after 18 months. It may require submission of pre-qualifier before sending the Compliance report for granting further Accreditation. The process for submitting Pre-Qualifiers and Compliance report will be notified shortly on the website of National Board of Accreditation.

5. The accreditation status awarded to the programmes as indicated in the above table does not imply that the accreditation has been granted to Government College of Technology, Thadagam Road, Coimbatore-641013 Tamil Nadu as a whole. As such the Institution should nowhere along with its name including on its letter head etc. write that it is accredited by NBA because it is programme accreditation and not Institution accreditation. If such an instance comes to NBA's notice, this will be viewed seriously. Complete name of the programme(s) accredited, level of programmes and the period of validity of accreditation, as well as the date from which the accreditation is effective should be mentioned unambiguously whenever and wherever it is required to indicate the status of accreditation by NBA.

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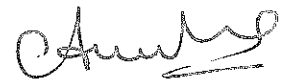
6. The accreditation status of the above programmes is subject to change on periodic review, if needed by the NBA. It is desired that the relevant information in respect of accredited programmes as indicated in the table in paragraph 2, appears on the website and information bulletin of the Institute.

7. The accreditation status awarded to the programmes as indicated in table in paragraph 2 above is subject to maintenance of the current standards during the period of accreditation. If there are any changes in the status (major changes of faculty strength, organizational structure etc.), the same are required to be communicated to the NBA, with an appropriate explanatory note.

8. Copy of the Report of Chairman of the Visiting Team and Evaluators' Reports in respect of the above programmes are also enclosed.

9. If the Institute is not satisfied with the decision of NBA, it may appeal within thirty days of receipt of this communication giving reasons for the same and by paying the requisite fee.

Yours faithfully,



(Dr. Anil Kumar Nassa)
Member Secretary

Encls: 1. Copy of Report of Chairman of the Visiting Team.
2. Copies of Expert Reports of the Visiting Team.

Copy to: —

1. The Secretary,
Department of Technical Education
Government of Tamil Nadu, Chennai - 600 009,
Tamil Nadu
2. Accreditation File
3. Master Accreditation file of the State

NATIONAL BOARD OF ACCREDITATION

NBCC Place, East Tower, 4th Floor, Bhisham Pitamah Marg,
Pragati Vihar, New Delhi-110 003
Tel: +91 11 2436 0620-22, 2436 0654 Telefax: +91 11 2436 0682
Website: www.nbaind.org



F.No.33-167-2010-NBA

Dated: 24-05-2016

To,

The Principal

Government College of Technology
Thadagam Road, Coimbatore-641013
Tamil Nadu.

Ph:0422-2432221

Email: gctcbe@gct.ac.in; principal@gct.ac.in

Subject: Accreditation status of programmes applied by Government College of Technology, Thadagam Road, Coimbatore-641013, Tamil Nadu.

Sir,

This has reference to your application dated 28-03-2014 in Tier-I format seeking accreditation by National Board of Accreditation to UG Engineering programmes offered by Government College of Technology, Thadagam Road, Coimbatore-641013 Tamil Nadu.

2. An Expert Team conducted on-site evaluation of the programmes during 1st-3rd April, 2016. The report submitted by the Expert Team was considered by the concerned Committees constituted for the purpose in NBA. The competent authority in NBA has approved the following accreditation status to the programmes as given in the table below:

Sl. No.	Name of the Programmes (UG)	Basis of Evaluation	Accreditation Status	Period of validity w.e.f. 01.07.2016	Remarks
(1)	(2)	(3)	(4)	(5)	(6)
1.	Production Engineering	Tier-I Document	Provisionally Accredited	2 years	Accreditation status granted is valid for the period indicated in Col.5 or till the program has the approval of the competent authority, whichever is earlier
2.	Electronics & Instrumentation Engineering		Provisionally Accredited	2 years	
3.	Information Technology		Provisionally Accredited	2 years	
4.	Industrial Biotechnology		Provisionally Accredited	2 years	

3. It may be noted that only students who graduate during the validity period of accreditation, will be deemed to have graduated with an NBA accredited degree.

4. The programs have been granted Provisional Accreditation for 2 years. As such, Government College of Technology, Thadagam Road, Coimbatore-641013 Tamil Nadu is required to submit the Compliance report after 18 months. It may require submission of pre-qualifier before sending the Compliance report for granting further Accreditation. The process for submitting Pre-Qualifiers and Compliance report has been notified on the website of National Board of Accreditation

5. The accreditation status awarded to the programmes as indicated in the above table does not imply that the accreditation has been granted to Government College of Technology, Thadagam Road, Coimbatore-641013 Tamil Nadu as a whole. **As such the Institution should nowhere along with its name including on its letter head etc. write that it is accredited by NBA because it is programme accreditation and not Institution accreditation. If such an instance comes to NBA's notice, this will be viewed seriously.** Complete name of the programme(s) accredited, level of programmes and the period of validity of accreditation, as well as the date from which the accreditation is effective should be mentioned unambiguously whenever and wherever it is required to indicate the status of accreditation by NBA.

Contd/...

6. The accreditation status of the above programmes is subject to change on periodic review, if needed by the NBA. It is desired that the relevant information in respect of accredited programmes as indicated in the table in paragraph 2, appears on the website and information bulletin of the Institute.

7. The accreditation status awarded to the programmes as indicated in table in paragraph 2 above is subject to maintenance of the current standards during the period of accreditation. If there are any changes in the status (major changes of faculty strength, organizational structure etc.), the same are required to be communicated to the NBA, with an appropriate explanatory note.

8. Copy of the Report of Chairman of the Visiting Team and Evaluators' Reports in respect of the above programmes are also enclosed.

9. If the Institute is not satisfied with the decision of NBA, it may appeal within thirty days of receipt of this communication giving reasons for the same and by paying the requisite fee.

Yours faithfully,



(Dr. Anil Kumar Nassa)
Member Secretary

Encls: 1.Copy of Report of Chairman of the Visiting Team.
2.Copies of Expert Reports of the Visiting Team.

Copy to:

1. The Secretary,
Department of Technical Education
Government of Tamil Nadu, Chennai - 600 009,
Tamil Nadu
2. Accreditation File
3. Master Accreditation file of the State

NATIONAL BOARD OF ACCREDITATION

NBCC Place, East Tower, 4th Floor, Bhisham Pitamah Marg
Pragati Vihar, New Delhi-110 003
Tel: +91 11 2436 0620, 2436 0654 Telefax: +91 11 2436 0682



F.No. 33-167/2013/NBA

02.05.2013

To,

The Principal
Government College of Technology
Coimbatore – 641 013
Tamil Nadu



TEQIP
Pl. co-ordinate
with Prof. Kumar
for further action
JMS
6/5/13

Sub: Accreditation of 11 P.G engineering programmes.

Sir,

This has reference to your letter dated 31.01.2013 applying for accreditation of following programmes.

1. M.E - Structural Engineering
2. M.E - Engineering Design
3. M.E - Power System Engineering
4. M.E - Applied Electronics
5. M.E - Environmental Engineering
6. M.E - Computer Science and Engineering
7. M.E - Geotechnical Engineering
8. M.E - Thermal Engineering
9. M.E - Manufacturing Engineering
10. M.E - Power Electronics and Drives
11. M.E - VLSI Design

You have also sent a D.Ds for Rs. 21.00 lakh for 11 Programmes.

In your letter No. TEQIP/NBA/ACCREDITATION/PG/2013 dated 01.04.2013 you stated that you want your application to be considered in Tier-II format for the accreditation of above mentioned programme.

2. In this connection, It is informed that NBA has switched over to online system of accreditation. All applications of institutions for accreditation of their programmes will be received online only and will be processed online. Your institution is already registered with NBA and you should have received your log in ID and Password for accessing e-NBA. You are therefore advised to go to the web portal of NBA at www.nbaind.org. for submitting online application of the accreditation of programmes of your institution. However, you can apply for maximum of 5 programmes in one application.

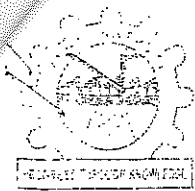
3. For any e-NBA related query or assistance, please write to us at support@nbaind.org. You can also call at our help desk on 011-24362341.

Thanking you,

Yours faithfully

Bishan Dass

(Bishan Dass)
Consultant-NBA



ANNA UNIVERSITY

CHENNAI - 600 025, INDIA

Phone : (O) 22352161, 22357004

(R) 22420095

Fax : 91-44-2235 1956

Gram : ANNATECH

E-mail : registrar@annauniv.edu

REGISTRAR

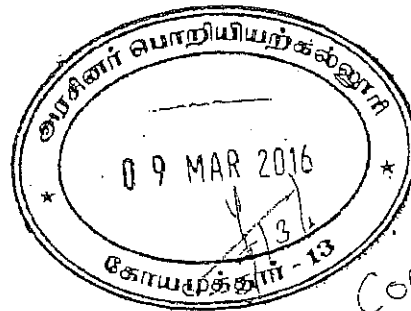
Letter No.1296/AU/CAC/Autonomous/2016,

Date:04.03.2016

To

The Secretary,
University Grants Commission,
Bahadurshah Zafar Marg,
New Delhi 110 002:

Sir,



COE Office

Acad's
P
9/3/16

9/3/16

9/3/16

9/3/16

Sub: Anna University - Government College of Technology, Coimbatore-641 013
Proposal for Extension of Autonomous Status - Forwarded - Reg.

Ref: 1. Your Letter No.F.22-1/2010 (AC) October 2010, dated 13.10.2010.

2. Letter received from the Principal, Government College of Technology,
Coimbatore, dated 25.02.2016.

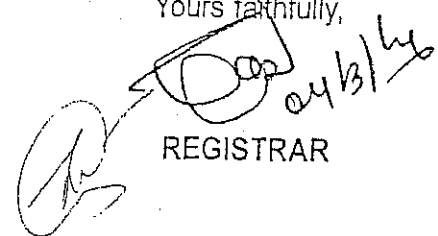
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With reference to the above, Government College of Technology, Coimbatore - 641 013, had submitted the proposal for Extension of Autonomous Status to UGC., New Delhi.

I am forwarding herewith the proposal received from the Principal, Government College of Technology, Coimbatore, for Award of Extension of Autonomous Status, for necessary action at your end.

Thanking you,

Yours faithfully,


REGISTRAR

Copy to

1. The Principal
Government College of Technology,
Coimbatore - 641 013.
2. The Stock File - CAC.