

GOVERNANCE GUIDELINES DOCUMENT 2016-2017 (REVISED)



**Government College of Technology,
Coimbatore – 641 013
Tamil Nadu, India**

A State Government (Autonomous) Institution, Affiliated to Anna University,

Phone : 0422 – 2432221 Telefax:2455230

E-mail: gctcbe@gct.ac.in

Website: www.gct.ac.in

Table of Contents

Introduction	1
Section 1: Institution	2
1.1 Vision and Mission of the College	4
1.2 Organization Structure	4
Board of Governors	4
Academic Council	6
Board of Studies.....	6
Principal / Head of the Institution.....	6
Controller of Examinations	7
Head of the Department.....	8
Section 2: Role of Board of Governors	9
2.1 Primary Accountabilities	9
2.1.1Finance.....	9
2.1.2 Procurement	9
2.1.3 To ensure quality assurance and monitor institutional Performance	9
2.2 Openness & Transparency in the Operation of Governing Bodies	10
2.3 Key Attributes of Governing Bodies	12
2.3.1 Structure of Board of Governors	12
2.3.2 Roles and Responsibilities of Chairman and Members.....	21
Chairman.....	21
Head of the institution	22
2.4 Effectiveness & Performance Review of Governing Bodies.....	24
2.5 Regulatory Compliance.....	25
Annexure I.....	26
Annexure II	28

Introduction

This Governance Guideline Document is for Government College of Technology, Thadagam Road, Coimbatore, Tamil Nadu 641 013. This document is framed on:

- Rules and Regulations stipulated by Government of Tamil Nadu
- Anna University Rules and Regulations
- TEQIP Good Practice Guide for Governing Bodies
- Best Practices of the institution being adopted
- Experiences encountered from case studies

To Frame this document the suggestions made in TEQIP II Good practice for Governing bodies is followed.

The main aim of framing this Governance Guideline document is to project the functioning of Board of Members, Structure and Good Practices of Governance that has been taken place effectively for the benefit and entire satisfaction of all stakeholders, which has resulted in imparting Quality of Education and Overall Quality Enhancement.

Some of the Derived benefits are presented:

- Effective transparent Mechanism in all levels
- System for monitoring and improving Quality of teaching and learning
- Increased transition rate and placement rates
- Improving and inculcating the research ambience
- Faculty Involvement and contribution to better performance in accreditation
- Establishing entrepreneurship environment
- Transparent financial systems and strong internal and external audits

Section 1: Institution

The Government College of Technology, Coimbatore formerly known as Arthur Hope College of Technology was started in July 1945 in accordance with the general policy of the then Government of Madras to give high priority to technical education under the post-war reconstruction schemes in order to meet the demand for trained engineers for various industrial and development projects in the State and the rest of India. The late Mr. G.D. Naidu, the well known industrialist and Philanthropist of Coimbatore offered the premises which include offices, few portions of workshops, hostel for the National Electric works - free of rent for a period of 3 Years with a donation of Rs. 2,00,000 and the land for the present campus which facilitated for the inception of college in July 1945. The College was afterwards shifted to the present permanent site of about 45 hectares on the Thadagam Road in June 1950. The College was then renamed Government College of Technology and affiliated to the University of Madras in 1951. Though initially only Civil and Electrical Engineering branches were offered, the Mechanical Engineering branch was introduced in the year 1952.

The main building of the college was formally opened by Dr.S. Radhakrishnan, the then Vice President of India on 8th October 1959.

The three-year B.E. Degree course for B.Sc., graduates was introduced in the year 1963-64 in Civil and Mechanical Engineering branches but was subsequently abolished.

The Syllabus for Engineering Studies was revised and the five-year Semester System was introduced from the academic year 1968-69.

A new branch in Electronics and Communication Engineering was started in the academic year 1970-71.

Post graduate degree courses in Structural Engineering (Civil) & Engineering Design (Mechanical) were started during 1971. P.G. Degree in Power Systems in EEE branch was introduced in the academic year 1977-78. Part-time B.E. Degree courses for serving Engineers (Diploma holders) were also started during the same year in Civil, Mechanical and Electrical branches. The B.E. degree course in Production Engineering was introduced during 1978-79.

Consequent on the introduction of the 10+2 Scheme, admission to the Five Year B.E. Degree course ceased from the academic year 1984-85 and the Four Year B.E. Degree courses were started. A Post- Graduate degree course in Applied Electronics and a Post-graduate degree course in Production Engineering were started during 1980-81. The M.E. Degree Course in Public Health Engineering was started during 1981-83. The Instrumentation and Control Engineering branch in the U.G. Programme was started during 1984-85. Subsequently, the nomenclature has been changed as Electronics & Instrumentation Engineering.

B.E. Degree course in Computer Technology and Informatics was started during the year 1986-87. The nomenclature has since been changes to Computer Science & Engineering.

A Post Graduate Degree in M.E. Computer Science (PT) was started in the academic year 1987-88 and (FT) in 1990-91. B.E. degree course in Information Technology has been

introduced from the academic year 2001-2002. All the UG and PG Courses as affiliated to the Anna University with effect from the academic year 2001-2002. Consequently, six new PG courses have been started in various disciplines (Structural Engineering, Environmental Engineering, Engineering Design, Power Systems Engineering, Applied Electronics & Computer Science and Engineering). The Industrial Biotechnology course which was started as a self-supporting course has now been brought under the regular stream.

The College is recognized by the Anna University for doing Doctoral Programme in Civil Engineering, Mechanical Engineering, Electrical Engineering, Electronics & Communication Engineering, Computer Science & Engineering and Applied Chemistry and Physics.

Year of Study (UG)	Tuition fees Rs.	Special Fees Rs.	Computer fees Rs.	Development Charges Rs.	Others Rs.	Total Rs.
First Year – Per Annum	2000	1500	1250	1000	2470	8220
Second, Third and Final Year – Per Annum	2000	1500	1250	1000	595	6345

Year of Study (PG)	Tuition fees Rs.	Special Fees Rs.	Computer fees Rs.	Development Charges Rs.	Others Rs.	Total Rs.
First Year – Per Annum	2000	1500	1250	1000	2470	8220
Second, Third and Final Year – Per Annum	2000	1500	1200	2000	695	7395

The College has completed 71 years of fruitful service and the National Board of Accreditation committee has accorded accreditation for most of the branches of study, namely Civil, Mechanical, Electrical and Electronics, Electronics and Communication, Electronics and Instrumentation, Computer Science and Engineering, Information Technology, Industrial Bio-Technology and Production Engineering. All 9 UG courses are accredited by NBA and efforts are being taken to obtain accreditation for all PG courses offered. Thus from a humble beginning, the College has grown into a premier institution for Engineering Education in this part of the Country.

The following fees structure is followed as per the directions of Government of Tamil Nadu.

1.1 Vision and Mission of the College

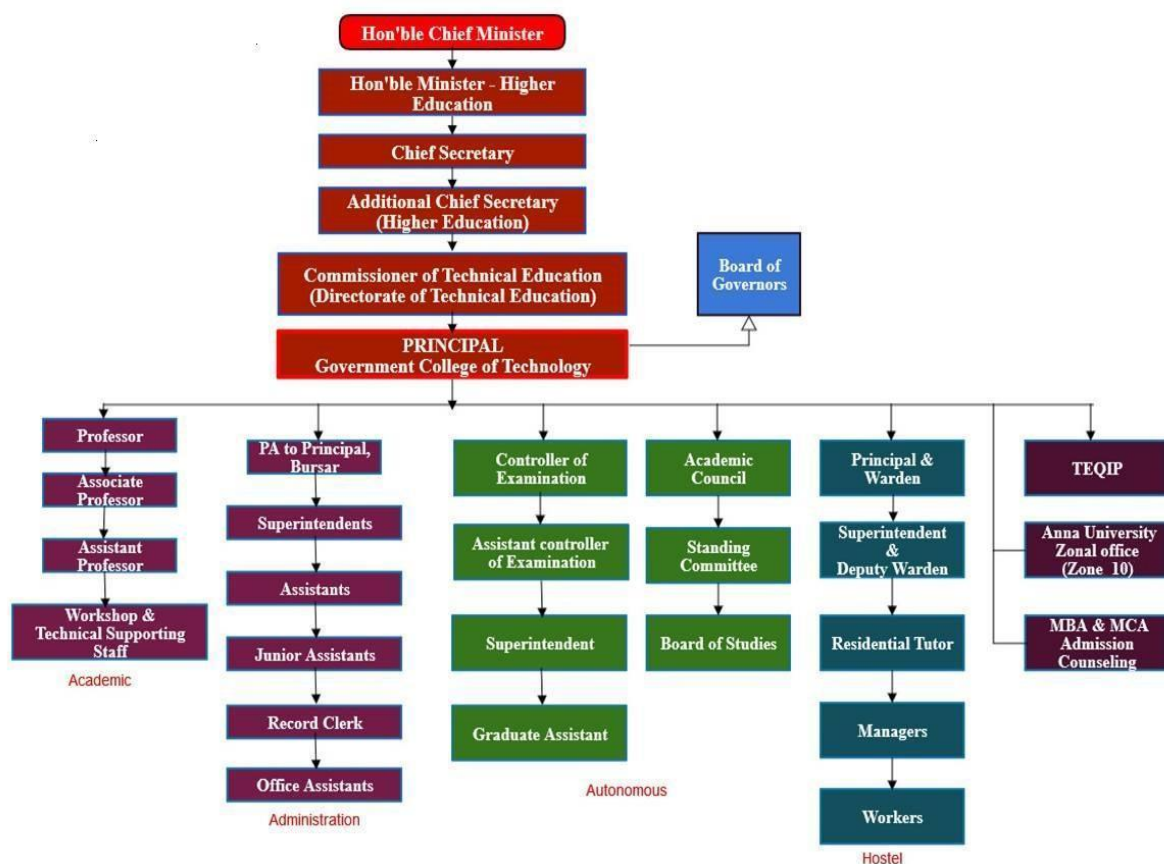
Vision

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.

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

1.2 Organization Structure



Board of Governors

Composition:

- Each Institution will necessarily have its own BoG and as per State Government G.O (MS) No. 314 Dt 13/09/2007 which states the composition and major functions of the Board of Governors.
- The BoG will, in all cases, be headed by an eminent Industrialist, Engineering Education experts, a Finance member, University Nominee, Ex-Officio Member from Directorate of Technical Education, two experienced Local Professors and Head of the Institution as Member Secretary.

Meeting:

The BoG will meet at least quarterly or as often as required and the minutes of BoG meetings will be published on Institution's website as promptly as possible. It will perform the following functions for the effective functioning of the institution.

Functions:

- Take all policy decisions with regard to smooth, cost effective and timely implementation of the Institutional project,
- Form, supervise and guide various Committees required for project implementation and internal project monitoring,
- Ensure overall faculty development,
- Enable implementation of all academic and non - academic Institutional reforms,
- Ensure proper utilization of Project fund and timely submission of Financial Management Reports (FMRs) and Utilization Certificates,
- Ensure compliance with the agreed procedures for procurement of Goods, Works and Services and Financial Management,
- Ensure compliance with other fiduciary requirements under the Project such as Equity Assurance Plan (EAP), Environment Management Framework (EMF) and Disclosure Management Framework (DMF),
- Monitor progress in the carrying out of all the proposed activities, resolve bottlenecks, and enable the Institution to achieve targets for all key indicators,
- Timely initiation and completion of external and internal audits; and
- Satisfactory compliance / resolution of external and internal auditor's observations.

Academic Council

The Academic Council is the highest academic body of the college and is responsible for formulating, regulating and maintaining the standards of teaching, research and examinations in the college. It consists of the Principal as its Chairperson, all the Heads of Department, four experts from outside the college (representing areas such as industry, Research and Development Laboratories, Technical Education), three nominees of the University and a faculty member nominated by the Principal acting as Member Secretary and two student members from each branch nominated by the Principal.

Board of Studies

The Board of Studies (BoS) is primarily responsible for the curriculum design, delivery and assessment carried out in the relevant Departments. Its principal concerns are:

- The general arrangements for teaching and examining
- The revision of curriculum structure and contents
- Supervision of the academic progress of students

It also deals with any other issues referred to it by the Academic Council.

The Board of Studies is chaired by the Head of the department and members include faculty at different levels covering different specialization of the program; two academic experts from other institution, one expert from industry, one university nominee, and one post graduate meritorious alumnus, nominated by the Principal and two student members nominated by the Principal.

Principal / Head of the Institution

The Head of Institution is member secretary of BOG in implementing the devised strategic planning for the development of the institution.

The Head of the Institution is mainly responsible for conducting Meetings periodically. The Progress made by the institution will be reported to the BOG Members which reviews the progress and functioning of the institution and suggest the remedial measures wherever needed in accordance with the Good Governance.

Head of the institution has the following responsibilities:

- Policy planning and providing academic and administrative leadership
- Academic and administrative management of the institution
- Monitoring and Evaluation of academic and research activities
- Promotion of industry – institution interaction and R & D activities
- Providing consultancy services and improving placement rates
- Participation in policy planning at state level for development of technical education
- Managing the Quality Management System of the Institution
- Develop Effective Teaching and learning infrastructure

To ensure smooth functioning of operational and academic activities the Head of the Institution shall be supported by different HOD's and Committee, such as Building Committee, Grievance Committee, Finance Committee, Infrastructure Development Committee.

Vice-Principal

Role: Officiating General responsibilities in the absence of the Principal

Responsibility:

- ❖ Academic Activity
 - He / She will prepare Academic Schedule and Co-ordinate
 - He / She will conduct continuous assessment tests.
- ❖ Industry-Institute Interaction
 - He / She will initiate and coordinate industry-institute interaction and help department to get sponsored student / faculty research projects. Industry-Institute- Interaction Cell will assist the Vice-Principal in this activity.
- ❖ Co-curricular and Extra-curricular activities
 - He / She will be responsible for finalizing all co-curricular and Extra-curricular activities. Co-curricular Cell, Chairman for Cultural Activities and Chairman for Sports Activities will assist him / her in these activities.
- ❖ Student Welfare and Grievance
 - He / She will assist the Principal in disbursement of student scholarships and attending to student grievances.
- ❖ Other works:
 - He / She will assist the Principal in any other work / duties assigned to him / her by Principal.

Controller of Examinations

Role: Coordinating the Examination activities

Responsibility

- Announce the schedule of End Semester Examination (ESE) as per the dates defined in the academic calendar
- Organize setting of question papers, schemes of evaluation and solution, scrutiny of question papers, printing of question papers and stationary
- Conduct the ESE and arrange for valuation
- Arrange of compilation of results and announce the results.
- Plan and conduct the end semester examinations. Ensure required discipline of all such matters.
- To recommend the appropriate remuneration for the Examiners time to time as advised by the Finance committee meant for autonomous

Head of the Department

Role: Head of the Department

Responsibility:

- ❖ Academic and administrative management of the department
- ❖ Approval of teaching plans
- ❖ Continuing education activities
- ❖ Procuring Equipments for the departments and for the development of research
- ❖ Interaction with industry and society
- ❖ Monitoring Record of attendance and Record of Class work
- ❖ Policy planning, Monitoring and Evaluation and Promotional activities both at departmental and institutional level
- ❖ Teaching, Research and research guidance
- ❖ Consultancy services
- ❖ Design and development of new programmes
- ❖ Students' counseling and interaction
- ❖ Administration both at departmental and institutional levels
- ❖ Participating in Curriculum development and developing resource materials
- ❖ Providing leadership in both postgraduate and undergraduate courses in relevant field of specialization.

Section 2: Role of Board of Governors

2.1 Primary Accountabilities

The Board of Governors are mainly responsible for Monitoring the Institutions activities and fostering an excellent environment in which the institutional mission and vision is achieved.

The Board of Governors playing a vital role to enable the college to achieve and develop its mission and primary objectives for learning, teaching and research.

The Board of Governors collectively involved in developing and implementing the mission, vision quality policy and strategic plan of the institution. It reviews the institutes short term and long term goals and if necessary make changes in the priority basis. Further the Board of Governors suggest the institute to achieve best quality in teaching learning process, good administrative practices, better academic environment on par with the benchmarking institutes to meet the interest of stake holders.

BOG Members are actively involved in shaping the proposed strategic plan with its long and short term goals. Within the powers of BOG, the financial management plan is devised. The BOG has initiated the act of appointing the Assistant Professors on Adhoc basis with the interest amount of financial investments. The BOG role is to take self assessment report from the Principal and will plan to suggest areas where the Principal can improve based on this self assessment report.

To monitor proper, effective and efficient system of control and accountability

2.1.1 Finance

- a. To approve the financial strategy formulated by head of the institution
- b. To monitor and approve plans and budgets which are focused to institutions strategic planning
- c. To ensure the proper utilization of funds in accordance with the terms and conditions of the Government or any funding agencies like TEQIP II etc.,

2.1.2 Procurement

The Board of Governors monitors the internal controls of the procurement system periodically. They also verify the procurement policies and procedures as stipulated by Government of Tamil Nadu without compromising quality, transparency and fairness for the benefit of all stakeholders. All the items to be procured for the institution are subjected to the approval of Board of Governors.

2.1.3 To ensure quality assurance and monitor institutional Performance

The Board of Governors approves the annual budgets and reviews the audit and performance reports periodically. It follows procurement guidelines and ensures proper spending of amount for the right cause and quality.

Further the Board of Governors is mainly responsible to monitor the plans approved in the key performance indicators. It reviews institutional performance and suggest remedial measures in the weaker areas. Some of the challenging and realistic measures will be suggested by the BOG members on par with the benchmarking institutions.

The Board of Governors also involved in monitoring the institutional performance for better quality and advice time to time in the following process.

1. Submission of documents for accreditation in time.
2. To ensure credibility in the society, benchmarking with top ranking institute is taken up as a tool for performance monitoring.
3. To ensure the statutory requirements are met by the institute in respect of accreditation and autonomy for the purpose of maintaining quality of education.
4. The gap analysis is carried out to identify the weaker areas to be improved for providing better quality for stakeholders.
5. After obtaining accreditation, the documents submitted by NBA for each accredited department is analyzed and action is carried out to improve in the weaker areas periodically to obtain maximum year accreditation in future.

The Head of the Institution is monitored by BoG periodically and ensures that the decisions taken in the BoG meetings are being implemented for the growth of the institution. The Head of the Institution prepares, plans for the future growth of the institution and submit the report to BoG. Further BoG analyses the plan and approve. If any modifications or suggestions to be carried out in this plan will be informed to the Head of the Institution. The Head of the Institution implements these plans accordingly. Further it is a State Government institution; the Director of Technical Education monitors the performance of the Head of the Institution by visiting the institution periodically and through confidential reports.

2.1.4 To support industry institute interaction

Many of our Board of Governors are entrepreneurs. They help to create and support local and some other industries to collaborate between the institution and industries which promotes industrial research ambience. By this way, they also help to introduce industrial electives which are all handled by industrial people to the institute.

2.2 Openness & Transparency in the Operation of Governing Bodies

The Board of Governors maintain transparency, openness and high ethical practices in the working of the institution.

- The minutes of various committee meetings are made available to important stakeholders.
- The BOG and Head of the institution formulates a year wise report and will be uploaded in the institution website (Some of them to be uploaded).
- A register of interests maintained in the college office and made available to stakeholders and updated whenever need arises.
- The institutional activity related to academic performance, student activities, student research foundation activities have been made available in the college website.
- If any conflict of interests arises among the stakeholders is resolved by the BoG members, Chairman, by collecting common consensus through discussions and meetings.
- All the meetings proceedings, other activities of the college and the proceedings of the governing bodies are made public to students and staff. This will be made transparent through college website.

- All BoG members and other stakeholders working for the betterment of the college on service basis. But, during BoG meeting all BoG Members are being given Honorarium.
- No mechanism has been evolved so far to address the complaints about the working of BoG. But whenever shortcoming arises in the planning during implementation and after implementation will be thoroughly discussed and remedial measures will be taken immediately to avoid such shortcomings in future.
- About 14 BOG meetings have been convened from the start of TEQIP and this is periodically uploaded in the institution website.

Sl. No.	BOG Minutes link to access from the website
1.	http://www.gct.ac.in/sites/gct.ac.in/files/basic_page_uploads/1ST%20BOGM%20MINUTES%2028.12.2011.pdf
2.	http://www.gct.ac.in/sites/gct.ac.in/files/basic_page_uploads/2ND%20BOG%20Minutes%2009.04.2012.pdf
3.	http://www.gct.ac.in/sites/gct.ac.in/files/basic_page_uploads/3RD%20BOGM%20MINUTES%2030.07.2012.pdf
4.	http://www.gct.ac.in/sites/gct.ac.in/files/basic_page_uploads/4th%20BOGM%20MINUTES%2007.09.2012.pdf
5.	http://www.gct.ac.in/sites/gct.ac.in/files/basic_page_uploads/5th%20BOGM%20MINUTES%2024.11.2012.pdf
6.	http://www.gct.ac.in/sites/gct.ac.in/files/basic_page_uploads/6th%20BOGM%20MINUTES%2009.02.2013.pdf
7.	http://www.gct.ac.in/sites/gct.ac.in/files/basic_page_uploads/7th%20BOG%20%20MINUTES%20%2005.03.13.pdf
8.	http://www.gct.ac.in/sites/gct.ac.in/files/8th%20BOG%20Minutes_0.pdf
9.	http://www.gct.ac.in/sites/gct.ac.in/files/basic_page_uploads/9th%20BOGM%20MINUTES%2024.05.2013.pdf
10.	http://www.gct.ac.in/sites/gct.ac.in/files/basic_page_uploads/10th%20BOGM%20MINUTES%2015.10.2013.pdf
11.	http://www.gct.ac.in/sites/gct.ac.in/files/basic_page_uploads/11th%20BOGM%20MINUTES%2021.01.2014.pdf
12.	http://www.gct.ac.in/sites/gct.ac.in/files/basic_page_uploads/12th%20BOGM%20MINUTES%2005.02.2014.pdf
13.	http://www.gct.ac.in/sites/gct.ac.in/files/basic_page_uploads/13th%20BOGM%20MINUTES%2026.02.2014.pdf
14.	http://www.gct.ac.in/sites/gct.ac.in/files/14th%20BOG%20minutes%20_0.pdf
15.	http://www.gct.ac.in/sites/gct.ac.in/files/15th%20BOG%20Minutes%2011.07.2014_0.pdf
16.	http://www.gct.ac.in/sites/gct.ac.in/files/16th%20BOG%20Minutes_0.pdf
17.	http://www.gct.ac.in/sites/gct.ac.in/files/17th%20BOG%20Minutes_0.pdf
18.	http://www.gct.ac.in/sites/gct.ac.in/files/18th%20BOG%20minutes_0.pdf
19.	http://www.gct.ac.in/sites/gct.ac.in/files/19th%20BOG%20Mintues.pdf
20.	http://www.gct.ac.in/sites/gct.ac.in/files/20th%20BOG%20minutes_0.pdf
21.	http://www.gct.ac.in/sites/gct.ac.in/files/21st%20BOG%20minutes_0.pdf

2.3 Key Attributes of Governing Bodies

2.3.1 Structure of Board of Governors

The BOG members shall meet the stakeholders and regulate the institution plan in a direction which will cater to the needs of the stakeholders. The Selection of BOG Members is based on a panel proposed by the institution, scrutinized by SPFU and approved by State Government. The Guidelines stipulated are clearly followed. The website [teqipgoodgovernance.in](http://www.teqipgoodgovernance.in) has been taken as the basic guideline and viewed by all BOG members.

About 14 BOG meetings have been convened in a span of 2 years and the minutes of the meetings are available in the institution website <http://www.gct.ac.in/bog-minutes-0> (Refer sample BOG minutes attached in ANNEXURE II)

STRUCTURE OF BOARD OF GOVERNORS			
Sl.No.	Position	Category	Period
1.	Chairman	Industry	2 Years
2.	Member Secretary	Principal	2 Years
3.	Member	Ex-Officio member	2 Years
4.	Member	Industry	2 Years
5.	Member	Industry	2 Years
6.	Member	Institution	2 Years
7.	Member	Institution	2 Years
8.	Member	University Nominee	2 Years
9.	Member	Finance Nominee	2 Years
10.	Member	Local Professor	2 Years
11.	Member	Local Professor	2 Years

The period of nominated members shall be for a period of 2 years. After the expiry of the period a fresh list to be prepared by the institution, scrutinized by SPFU / DOTE and to be approved by the Government of Tamil Nadu.

Various Committee structure and scheme of delegation to the committees

I. BOARD OF GOVERNORS

Sl. No.	Details	Name and Address
1.	Chairman	Dr.G. Rangathan Ph.D. Chief Executive Officer, Rover Components Limited, “Kandan” K Vadamadurai Post, Coimbatore – 641 017
2.	Educationalist nominated by State Government	To be appointed
3	Principal of the Institution –Member Secretary (Ex-Officio)	Dr.S.Palaniswami PhD Principal, GCT, Coimbatore 13
4.	Nominee of the University – (1)	Letter sent. Yet to receive response

5.	Nominee of All India Council for Technical Education – (1)	Letter sent. Yet to receive response
6.	Representatives from Industries nominated by Government/ BOG-2 (suggested by the Institution)	Er.Lakshminarayanan Managing Director, Autozone SS No.149, Behind Lotus TVS Show Room, Mettupalayam Road, Coimbatore 43
7	Representative from Teaching staff to be nominated by Government / BOG – (2) (suggested by the Institution)	Dr. R. Satyabama PECE Prof S. Kumaresan P/ CSE
9	Professionalist in the field of Technical Education.-(1) (suggested by the Institution)	Dr.R. Krishnan Ph.D. FNASc. (Retired Scientist ISRO and Director ADRIN & Dean (Academic), IIST, Thiruvananthapuram) 17, G.G. Avenue, 1 st Street, B.U. Post, Coimbatore – 641 043 Mob No: 99950 25453
10	Nominee from the Finance Department, Secretariat, Chennai-9 – (1)	Thiru. T. Devaraj Financial Advisor & Chief Accounts Officer DOTE, CHENNAI

II. Academic Committee / Council :

1.	Chairman	:	Principal	Dr.S.Palaniswami PhD
2.	Members	:	Vice -Principal	Dr.R.SATYABAMA, PECE
			HODs of all Depts .	1. Dr.M.Isaac Solomon Jebamani PCE 2. Dr.T.Meenambal PCE 3. Dr.V. Geetha Assoc. PEEE (I/C) 4. Dr.M.Nataraj Assoc.P/Mech 5. Dr..R.Satyabama PECE 6. Prof V.Sritharan P/Prodn I/C 7. Prof S.Kumaresan P/CSE 8. Dr.T. Purusothaman Asso. P/IT 9. Mrs.J. Kiruthika Asst.P/ IBT (I/C) 10.Dr. V.Dhanapalan P/Maths I/C 11.Dr.N.Suriyanarayanan P/Phy I/C 12.Dr.K.Muthukumaran P/Chem

3.		Eight teachers of the college representing different levels of the teaching staff by rotation on the basis of seniority of service in the college	1. Dr.P.K. Palani Asso.PME 2. Dr.R. Thenmozhi Asso. P/Civil 3. Dr.K. Baskaran Asso.P/EEE 4. Dr.J.C.Miraclin Joyce Pamila Asst. P/CSE 5. Dr . Kothainachiar Assoc.P/ECE 6. Dr. S.Gopi Asso.P/Prod 7. Dr.AnbuchudarAzhagan Asst. P/Physics 8. Ms. Mercy Nisha Pauline AP/IBT
4.	:	Four experts from industries/ academic related to the branches of engineering offered in the college, nominated by the Board of Governors of the College	1. Dr.G.Swaminathan Professor / Dept of Civil Engineering National Institute of Technology Trichy 620 015 2. Er.D.Vijeeswaran,B.E, Assistant Executive Engineer/ O&M, Periyanaickenpalayam, D9/707-B-13,LMW Road, Periyanaickenpalayam, 22, PLS Nagar, Stage 4, Chinniyampalayam, Coimbatore -641 062 3. Mr.K.S.Natarajan Managing Director Trident Pneumatics Private Limited 5/232, KNG Pudur Road Somayampalayam Post Coimbatore 641 108 4. Mr.S.Ramamurthy Chief Executive Officer Fluidics 201-B, KLR Building, Sastry Road, Ram Nagar, COIMBATORE 641 009
5	:	Three Nominees of Anna University	1. Dr.Ranee Vedamuthu Professor and Dean Department of Architecture, SAP Campus, Anna University Chennai 600 025 2. Dr.V.Abhai Kumar Principal Thiagarajar College of Engineering Madurai 625 015 3. Dr.P.V.Mohanram Principal PSG Institute of Technology and Applied Research, Avinashi Road Neelambur, Coimbatore 641 062

6		:	Controller of Examinations	Prof S.Kumaresan P/CSE
7			Two members representing Governing Body other than those who are by themselves members of the Academic Council.	1. Dr.Malayalamurthy Asso.Professor of Mech.Engg Govt College of Technology Coimbatore 641 013 2. Dr.S. Rathi Asst.Prof of Computer Science & Engg Govt College of Technology Coimbatore 641 013
8			Student invitees	1. Subiksha S 1416151 (EIE) 2. Sriram Anax, 1415149(Prod) 3. Santhosh Kumar A 1417144 (CSE)

Functions:

1. To create Academic regulations.
2. To frame Curriculum & Syllabi.
3. Evaluation and Formation of Examination Pattern.
4. Create Academic Schedule.
5. To evaluate staff performance.
6. Monitoring Teaching Learning Quality.
7. Introduction / Orientation / Restructuring of courses.
8. Academic Auditing (Suggest audit experts from outside the institution).
9. Approve remunerations pertaining to academic activities.

III. Finance Committee

The Finance committee advises the Board of Governors in all financial matters. It act as an Advisory Body to the BoG

1.	Chairman	:	Principal	Dr.S. Palaniswami PhD
2.	Members	:	HODs (by rotation) -2	1. Dr.R. Satyabama, PECE 2. Prof.S.KUMARESAN, PCSE
3.		:	Nominee of BOG -1	Mr K.BALASUBRAMANIAN, Auditor
4.		:	Personal Assistant to Principal (Administration)	Thiru. R. Gunasekaran

		Bursar (Finance)	Tmt.R. Jeyanthi
--	--	------------------	-----------------

Functions:

1. Decides the budget and carry out the accountability of Expenditure.
2. Internal Revenue Generation.
3. Other funds Generation.
4. Verifying the receipts and payments of the college accounts.
5. Presenting the accounts to the chief accounts officer deputed from Directorate of Technical Education, Chennai.
6. To plan proper utilization of resources and do careful fund management.
7. Assisting and sanctioning the required amount to procure equipments as advised by BoG and as per Tamil Nadu Government rules.

IV .Building & Works Committee:

1.	Chairman	:	Principal	Dr.S. Palaniswami PhD
2.	Members	:	Senior most Professor from Civil Professor -1	Dr.M.Isaac Solomon Jebamani, PCE
3.		:	Executive Engineer –PWD -1	Er.N.KRISHNAKUMAR, EE, PWD TECH.EDN.DIVN,GPT CAMPUS
4.		:	Structural Engineer from outside -1	Dr.L.S.Jeyagopal Consulting Engineer 'MITHRAN STRUCTURES' 1, Jawaharnagar, SAHS Post Coimbatore 641 043 Phone: 0422-2445500
5.		:	Architect-1	Er.T.Ragavendran Chartered Engineer & Regd. Valuer No.11, Bharathi Park Cross Road - 2 Coimbatore 11
6		:	AE (Electrical – PWD) -1	Thiru S.Vasanthan Asst. Engineer , PWD, (Electrical) GCT, CBE 13

7		:	Personal Assistant to Principal (Administration) Bursar (Finance)	Thiru. R. Gunasekaran Tmt.R. Jeyanthi
---	--	---	--	--

Functions:

1. Plan and monitor construction of buildings and civil works.
2. Maintenance of all buildings.
3. Approve proposed Building works and related works.

V. Purchase committee

1	Chairman	Principal / Senior Professor	Dr.S. Palaniswami, Principal
2	Members	Faculty	1. Dr.M.Isaac Solomon Jebamani, PCE 2. Prof S.Kumaresan, PCSE 3.Dr.K.Manonmani,Asso.Prof /Mech 4. Dr.C.Vasanthanayaki, Asso.Prof/ECE 5. Dr. V.Geetha, Asso.Prof./EEE
3		Expert Member from other institution	Fixed according to the items purchased.
4		Personal Assistant to Principal (Administration) Bursar (Finance)	Thiru. R. Gunasekaran Tmt.R. Jeyanthi

Functions:

Drawing up Tender Specifications, scrutinizing all quotations and approving final recommendations.

VI. Disciplinary committee

1	Chairman	:	Principal	Dr.S. Palaniswami
2	Members	:	Vice - Principal	Dr. R.Satyabama, PECE
3		:	Associate Warden /Deputy Warden-1(M) +1(F)	Dr.K. Muthukumaran P/Chemistry Dr.C.Vasanthanayaki, Asso PCSE
		:	Senior Faculty -1	Dr.T. Purusothaman Assoc.P/IT
4		:	Ministerial Staff	Thiru. R. Gunasekaran Tmt.R. Jeyanthi

			(PA /Bursar) -1	
5		:	Non-teaching Technical Staff -1	Thiru R.Karthikeyan
6		:	Student Representative (1M +1F)	1. Ravi Varman, 1412177 (Mech) 2. A. Priyadharshini, 1414301(ECE)

Functions:

1. Record and investigate any in-disciplinary acts/ragging, unsocial behavior, fraudulent activities and malpractices in Examination by student or staff of the Institution.
2. Conduct the enquiry and suggest appropriate punishment.

VII. Institutional Development Committee

Chairman	:	Principal	Dr.S. Palaniswami
Members	:	HODs of all Depts	1. Dr.M.Isaac Solomon Jebamani PCE 2. Dr.R.Thenmozhi PCE 3. Dr.V.Geetha PEEE 4. Dr..R.Satyabama PECE 5. Dr.M. Nataraj Assoc. P/ Mech 6. Dr.K. Manonmani Assoc. P/ Mech 7. Prof S.Kumaresan P/CSE 8. Dr.T. Purusothaman HoD/IT 9. Mrs.J. Kiruthika AP/IBT (I/C) 10. Dr. V.Dhanapalan P/Maths I/C 11. Dr.N.Suriyanarayanan P/Phy I/C 12. Dr.K.Muthukumaran P/Chem
	:	Alumni member-1	Er.S.Pichaiya M/s.S.Pichaiya & Associates 1288 Trichy Road, Coimbatore 641 018
	:	Expert member from a leading company -1	Er.Subramaniam K.U.Sodalamuthu & Co Pvt Ltd 428, Mettupalayam Road, Coimbatore 641 043
	:	Asst Professor -1	Dr.P.K.Palani, Asso.PME
	:	Ministerial Staff -1	Thiru. Srinivasa Babu, Superintendent
	:	Non Teaching -1	Mr.N. Shanmughan, Artisan -I
	:	Students -(1F+1M)	1. Gurumoorthy S, 1413122(EEE) 2. Fathahana Mubin S, 1417105(CSE)

Functions:

1. Plan the policies of Institution.
2. Vision and Mission of the Institution.
3. Perform SWOT analysis.
4. Prepare plans for development of infrastructure and man power requirements.

VIII. Student Affairs Committee

Chairman	:	Principal / Vice Principal	Dr.S. Palaniswami, Principal
Members	:	NSS Officer , -1	Dr.M.Kalpana, AP/Hum. Dr.J.Anbazhagan Vijay, AP/English
	:	Physical Director -1	Tmt D.Vimala
	:	Placement & Training Officer -1	Dr.R. Satyabama
	:	Medical Officer -1	Dr.Jeyasudha, MBBS
	:	Senior faculty members -2	1. Dr.S.Kothainachiar, Asso.PECE 2. Dr.R.Thenmozhi, Asso.PCE
	:	Students (1boy +1 girl)	1. S. Eureka, 1415112(Prod) 2. Benny Samuel, 1414301(ECE)

Functions:

The committee will draw-up proposals for co-curricular, extra- curricular activities, student association activities, sports facilities and amenities.

IX. Library Committee

Chairman	:	Library officer	Dr.T.Meenambal PCE
Members	:	HODs of all Depts / Senior Faculty	1. Dr.M.Isaac Solomon Jebamani PCE 2. Dr.T.Meenambal PCE 3. Dr.V. Geetha PEEE 4. Dr..R.Satyabama PECE 5. Dr.S.Srinivasamoorthy Assoc.P/Prod 6. Prof S.Kumaresan P/CSE&IT 7. Mrs.J. Kiruthika P/IBT (I/C) 8. Dr. V.Dhanapalan P/Maths I/C

		9. Dr.N.Suriyanarayanan P/Phy I/C 10. Dr.K.Muthukumaran P/Chem 11. Dr.J.Anbazzhagan Vijay, AP/English
:	Librarian	To be appointed
:	Student representatives (1M +1F +1 SC/ST)	1.Rakesh Kumar B, 1416134(EIE) 2. Ramesh Prabu 1418135(IT) 3. B. Dharani, 1413301(EEE)

Functions:

To recommend purchase of books, journals, magazines, LRs and other teaching aids and look into problems associated with Library management.

X. Grievance Committee

Chairman	:	Principal	Dr.S. Palaniswami
Members	:	Senior Faculty –(1M+1F)	Dr.T. Purusothaman Assoc. P/IT Dr.V.Sumathy Asso.P/ECE
	:	Ministerial -1	Mr.A. Ramesh Babu, Superintendent
	:	Parents –(1M+1F)	1. Mr. P. Shanmuga Sundaram F/o Malathi.S (ECE) 112, Periyar Nagar, Ramanathapuram, Coimbatore 641 045
	:		2. Mrs. Umasriram M/o S. Priyadharshini (IT) No.5, B-Block, 2 nd Floor, Saravanas Lakshmi-Narayanar Appt, Kootandavar Kovil Street, Vadavalli, Coimbatore 641 041
	:	Non-teaching staff -2	1. Thiru S.Kalimuthu, JDO 2. Thiru R. Sundarrajan, JDO
	:	Administrative staff (PA)-1	Thiru. R. Gunasekaran
	:	Student representatives (1+1)	1. Ram Kumar A 1416135, EIE 2. Lohita S 1419146 IBT
	:	Representation from weaker section -1	Tmt.S.Chitra, APEEE

Functions:

To examine the grievance of faculty / staff / students on the matter pertaining to the Institution and recommend remedial steps.

XI. Anti Gender Harassment Committee

Chairman	Principal	Dr.S. Palaniswami
Members	Senior Female Professor – 1	Dr.R. Thenmozhi Assoc.P/ Civil
	Senior Male Professor – 1	Dr.M.Isaac Solomon Jebamani, PCE
	Lawyer nominated by BOG	Thiru V.Gurusamy, Lawyer

Functions:

All complaints with respect to gender harassment at work shall be enquired and punishments suggested if the complaint is genuine.

XII. Faculty/ Staff Development Committee

Chairman	Principal	Dr.S. Palaniswami
Members	Senior Faculty – (P-1, AP-1)	1. Dr.K.Muthukumaran, P/Chem 2. Dr.K. Baskaran, Asso.P/EEE
	Lecturer – 1	Thiru R.Rajendiran, Asso.Prof/Maths
	Ministerial Staff – 1	Thiru V.Srinivasababu, Suptd.
	Non-teaching staff-1	Thiru S.Kalimuthu, JDO

Functions:

Training Need Analysis, Upgrading skills of Faculty / Staff, day to day teaching requirements of faculty / staff.

Nominating faculty members to various training programmes such as FDP, Workshop, Conferences in India and Abroad.

2.3.2 Roles and Responsibilities of Chairman and Members

Chairman

- ✓ Chairman is mainly responsible for the effective performance of the Institution for the benefit of the stakeholders.
- ✓ Effective operation of BOG meetings periodically and ensuring the participation of members effectively.
- ✓ The conflict of interest identified to be solved by the Chairman.
- ✓ The Chairman has to ensure efficient and effective use of resources of the institutions for further advancement and maintain its long term financial viability.
- ✓ To ensure Board of Meeting exercises are moving over strategic direction of the institution by effective planning process.
- ✓ To monitor the performance of the institution approved by the Board of Governors against objectives.

- ✓ To approve the projects undertaken by UG and PG Students under Students Research Foundation (SRF).

Members

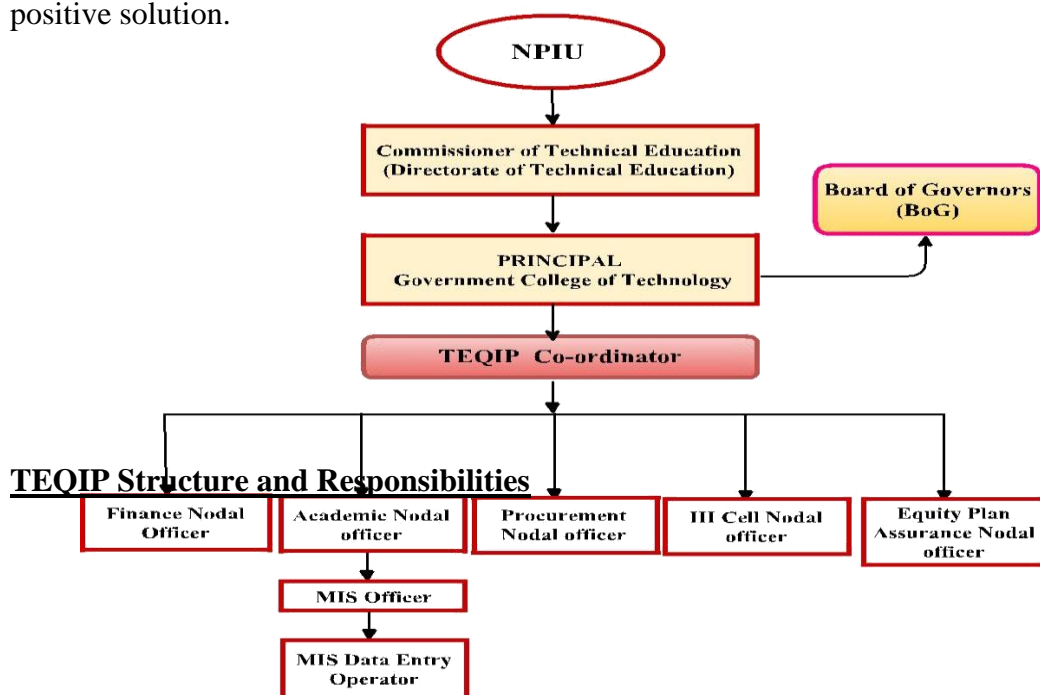
- ✓ All the members should participate and guide in developing strategic plans to achieve the vision of the institution.
- ✓ To monitor and review the process and procedures and changes from time to time.
- ✓ Monitor the procurement activities and procedures and approval
- ✓ Address the issues / concerns for the benefit of the stakeholders.
- ✓ To Analyze and recommend to the Chairman and Principal the projects undertaken by UG and PG Students under Students Research Foundation (SRF).

Head of the institution

- To ensure the implementation of decisions taken at the BOG Meetings.
- All the proposals pertaining to the development of institution should be presented to the BOG committee.
- To conduct BoG meetings periodically as per Guidelines.
- Motivate faculty members, Administrative staff and supporting staff to play their roles effectively.
- Following the guidelines of Affiliated University, State Government, AICTE, etc., in all academic matters.
- Assisted and co-ordinated by various Heads of the Departments, Controller of Examination, Senior Faculty members and various committees mentioned above.
- With the help of class co-ordinators and other faculty incharges closely monitor the class work as per time table for the regular conduct of classes.
- Closely monitor various academic activities like conduct of technical fests, conferences, seminars, FDPs and workshops.
- Conduct periodic meetings with the Heads of the Department to review the progress of academic work and suggest remedial measures to achieve required academic outcome.
- Academically weak students and slow learners are identified by the class co-ordinators and instruct them to conduct remedial coaching classes to support them.
- Plan for Training Need Analysis (TNA) with the Head of the Departments and senior faculty members and devise training programmes such as FDPs, refresher courses, orientation courses, workshops, quality enhancement programmes etc.,
- Motivates faculty members to get sponsored research projects from various funding agencies and monitor R & D and consultancy activities of the college.
- Promoting Industry-Institute partnership by conducting various industry related programmes in the college.
- In General Administration, Financial Administration, Budget estimates, verification of records, payments, income and expenditure, maintaining of general accounts and funds received through sponsored research projects and consultancy will be assisted by PA to Principal and his office.

All the above mentioned committees periodically meet and take effective measures for the growth of the college. Any failure occurs will be sorted out with the Head of the Institution and Chairman of the BoG with the continued consultations and negotiations. All

the conflicts will be resolved by the BoG Chairman and Head of the Institution until get a positive solution.



National Project Implementation Unit (NPIU)

National Project Implementation Unit allocates the Funds to selected TEQIP Institutions by scrutinizing the proposals. The allocated amount will be deposited in the TEQIP Account of the TEQIP selected institutions. This amount will be spent under nine heads stipulated by NPIU. Prior approval from BoG is required to spend the money under various heads.

TEQIP Co-ordinator co-ordinates with all Nodal officers and execute the work to achieve the TEQIP goals as per IDP.

Finance Nodal officer will look after all Financial matters like Proposals, Planning, FMR, Monthly reports, Auditing, Audit reports etc.,

Academic Nodal Officer will collect all academic data, Financial data, Faculty and staff strength, Contributions, publications, Key Performance Indicators, etc., and it will be

recorded and updated then and there in the Management Information System (MIS). In this process, the MIS Officer and MIS Data Entry Operator helping Academic Nodal Officer.

Procurement Nodal Officer is mainly responsible for purchasing equipments under TEQIP II for various departments. He/She is responsible for Quotation and Bid Opening in presence of the concerned authorities. After opening the quotations and Bids, the information will be uploaded in the Procurement Management Support System (PMSS). Generating Purchase Order through PMSS.

III Cell Nodal Officer is responsible for creating Industry ambience in the institution. They are mainly responsible for organizing and deputing faculty members and staff industry oriented programmes. They are in co-ordination with Placement Officer and deputing students as interns in various companies. They must initiate Memorandum of Understanding (MoU) to various companies for the benefit of stakeholders.

Equity Plan Assurance Nodal Officer is mainly responsible to identify the weak students through Diagnostic and other tests. After identifying with the help of faculty members should conduct remedial classes. Further he/she has to recommend the Principal to depute faculty members to undergo Bridge Courses in the benchmarking institutions.

2.4 Effectiveness & Performance Review of Governing Bodies

The BOG has planned periodically to review the set goals and targets of the institution on a quarterly basis and improve performance.

The Chairman after working with Member Secretary, briefing the members to make aware of Institutional Governance, rules and procedures to be adopted in the BOG Meetings, annual reports, strategic planning and future action planning. To perform the effective Governance, members are motivated to attend training programmes conducted by reputed agencies on effective Governance and Management Development Programmes in IIMs.

The Chairman of the BoG will provide the following to their members

- Institutional Governance Guidelines in detail
- Institutions Annual report
- Institutions Audited Financial reports
- Financial forecast
- Overall strategic plan, Strategic Documents with Learning and Teaching, Research, etc.,
- Institutional Organizational structure
- The rules and procedures of the Governing Body
- Members regularly receive Institutional updates/Newsletters and all publicity materials about the institution to help them to update with developments.

The Board of Governance will review the progress made by the institution and this may result in change of process wherever applicable.

- The BoG regularly monitors their own effectiveness and the performance of the institution against its planned strategies and operational targets with their primary accountabilities. The Chairman, Members and Head of the Institution ensures their

planning's are moving in a right way for the growth of the institution otherwise change in plans may occur time to time to take the institution in the forward direction.

- The Chairman, Members and Head of the Institution review every year the progress of the institution against the primary accountabilities of the Governing Body and revise its structure or processes accordingly.
- They periodically evaluate the performance of the institution in meeting long term and short term goals to achieve the Key Performance Indicators (KPIs).
- During the performance review, the BoG compares the performance with the Benchmarking Institutions like IITs, IIMs and Foreign Institutions and take remedial measures wherever the places possible.
- During the review process, they may engage experts from outside (Independent to the Institution) to assist the process (if deemed to be necessary).

2.5 Regulatory Compliance

The BOG is taking effective steps as in evident in the BOG minutes to solve fundamental concerns of the institution. The institution offers quality education under State Government of Tamil Nadu at very subsidized fees and offers lot of Scholarship to backward, most backward and Scheduled caste students.

The Board of Members ensures the compliance of rules and regulations of the State Government, AICTE, UGC, etc., through the report presented by the Head of the Institution at the time of BOG Meetings. The Institute is accredited by National Board of Accreditation (NBA), New Delhi to assure Quality of Education to all of its stakeholders. Registry of Interest maintained.

- Maintain the minimum standards required for official approval set by AICTE.
- Adhere to the rules for affiliating issued by Affiliating University.
- Comply with the conditions set forward by the UGC for obtaining Autonomous Status.
- Following statutory basis for the funding which come from State Government (Directorate of Technical Education)

Steps taken for Good Governance

1. Good Governance workshop conducted.
2. Short term and long term goals fixed (**Refer ANNEXURE I**).
3. Outcome based education introduced.
4. Campus amenities improved.
5. Every BOG Meeting the discussion about the goals set and goals achieved is discussed and measures discussed for improvement.
6. NBA –Accredited all 9 UG Branches
7. Teaching Learning Centre activities periodically conducted.
8. QEEE classes conducted.
9. NPTEL online Courses attended by about 100 students

Annexure I
(Approved by 15th BOG Meeting)
SHORT TERM GOALS

STUDENTS

1. Increase in the transition rate from I year to II year from 70-75% by conducting Bridge courses and orientation programmes in 2014-15.
2. Improvement in Communication skills of students through peer learning strategy and bridge courses in 2014-15 and onwards
3. Organize 4 entrepreneur programmes for students.

FACULTY

1. Review of faculty feedback by students and remedial measures to improve quality of faculty from 2014-15 onwards.
2. Registration for PhD by all existing faculty 100% by 2015-16 and onwards
3. Ensure each faculty undergoes at least one training every year.
4. Faculty with PhD and doing PhD to publish minimum of one paper in Journal each year.
5. Ensure each faculty is attached to an industry for collaborative work by 2015-16 and onwards
6. Submit at least one proposal for funding from external agency.

NON-TEACHING FACULTY

1. Scale up training in respective narrow domain and improve quality by 2015-16.
2. Initiate recruitment of non-teaching and complete by 2015-16.

DEPARTMENTS

1. Establish one modernized lab by 2015-16.
2. Organize one National / International Conference per year.
3. Organize one Faculty Development programme per year.
4. Get minimum of one major funding from external agency.
5. Ensure all condemned items are removed by 2015-16.

INSTITUTION

1. Increase industry institution collaborative activities in 2014-15 and onwards
2. Introduce Academic reforms.
3. Increase employability rate.
4. Improve water and toilet facilities.
5. Renovation of Hostels in a phased manner.
6. Campus cleaning measures to scale up.
7. Garden maintenance measures to scale up.
8. Repairs and maintenance of buildings.
9. Preparation of master plan for the Institution by 2015-2016.

LONG TERM GOALS

STUDENTS

1. Make all students go for internship by 2018.
2. Increase core employability.
3. Introduce more clubs and involve all students in fruitful club activities.

FACULTY

1. Encourage sabbatical system of sending faculty for collaborative research.
2. Involve faculty to bring out collaborative industry based research publications.

DEPARTMENTS

1. Achieve collaborated Research Centres within India and Foreign Universities by 2020.
2. Establish Centre of Excellence by 2020.
3. Establish state level consultancy cell in specialized areas by 2019.
4. Establish PG Laboratories and facilities for PG and research by 2019.

INSTITUTION

1. Complete construction of additional hostels for Boys and girls by 2020.
2. Completely renovate Workshop complex by 2020.
3. Filling up of all vacancies by 2017.
4. Indoor stadium by 2016.

Annexure II

(Sample BOG Minutes – Last 4 Meetings)

GOVERNMENT COLLEGE OF TECHNOLOGY, COIMBATORE-641013
MINUTES OF THE 20TH MEETING OF THE BOARD OF GOVERNORS (TEQIP)
HELD AT THE PRINCIPAL'S CHAMBER ON 31.10.2015 AT 11.30 AM

Dated: 31.10.2015

The Twentieth Meeting of the Board of Governors of the Government College of Technology, Coimbatore-13, was held at the Principal's Chamber of the college on 31.10.2015 at 11.30 AM.

The following members attended the BOG Meeting.

- | | | |
|----|---|------------------|
| 1. | Dr.V.Lakshmiprabha
Principal, GCT, CBE | Member Secretary |
| 2. | Er.Lakshminarayanan
Managing Director, Autozone
SS No.149, Behind Lotus TVS
Show Room, Mettupalayam Road,
Coimbatore 43 | Member |
| 3. | Dr.V.Selladurai,
Principal,
Coimbatore Institute of Technology
Aeroderome Post, Coimbatore 641 014 | Member |
| 4. | Dr.S.Subramanian
Vice Chancellor
Karpagam University
Eachanari post
Coimbatore 641 021 | Member |
| 5. | Dr. Esther Annlin Kala James | Member |

Principal I/C, GCE, Srirangam

- | | | |
|----|--|--------------------|
| 6. | Prof J.Lakshmanaperumal
Principal I/C, GCE, Thanjavur | Member |
| 7. | Dr.N.Suriyanarayanan
Associate Professor / Physics | TEQIP Co-ordinator |

Dr.V.Lakshmiprabha, Principal and Member Secretary extended a warm welcome to the Chairman, members and briefed them on the agenda of the meeting.

The Agenda was then taken up for discussion in an orderly manner. The following items were discussed.

20.1.1 Foreign travel by G.T.Adithya, Research Scholar, Full Time, Department of Chemistry

Miss G.T.Aditya, a full time PhD Research scholar in the Department of Chemistry , has been invited to Malaysia for presenting a paper in a reputed international conference.

The proposal was approved and her registration cost and travel expenditure alone for Rs.74,000/- was permitted through TEQIP II R & D component.

20.1.2 Conversion of Part Time PhD to Tull Time Phd by a scholar in ECE.

This item was deferred for discussion during next BOG.

20.1.3 Foreign Travel by Mr.R.Sakthivel, Research Scholar, Full Time, Department of Mechanical Engineering

The proposal submitted by Full Time research scholar for paper presentation at the International Conference on Innovative Engineering and Technology at Bangkok was approved. The expenditure for registration and travel for a total sum of Rs.76,238/- was permitted through TEQIP II R & D component.

The meeting came to a close at 1.15 PM as the Member Secretary thanked all the members for their presence and participation.

Sd/-

Copy to:

PRINCIPAL
MEMBER / SECRETARY

The Chairman, BOG

All the members of BOG

Copy submitted to The Director of Technical Education, Chennai 25 – for information

Copy to: PA to Prl / Bursar / TEQIP Office

Dr.R.Thenmozhi, Asso.PCE – to publish in the Website

GOVERNMENT COLLEGE OF TECHNOLOGY, COIMBATORE-641013

**MINUTES OF THE 21ST MEETING OF THE BOARD OF GOVERNORS (TEQIP)
HELD AT THE PRINCIPAL'S CHAMBER ON 28.12.2015 AT 02.30 PM**

Dated: 28.12.2015

The Twenty First Meeting of the Board of Governors of the Government College of Technology, Coimbatore-13, was held at the Principal's Chamber of the college on 28.12.2015 at 02.30 PM.

The following members attended the BOG Meeting.

- | | |
|--|-------------------|
| 1. Mr.K.Ilango
Managing Director
RSM Autokast Limited
603, C-Block, Pioneer Complex
1075, Avanashi Road, Coimbatore-18 | Chairman |
| 2. Dr.K.Sundaramoorthy
Addl. Director of Tech. Edn
DOTE, Chennai | Ex-Officio Member |
| 3. Dr.V.Lakshmi Prabha
Principal, GCT, CBE | Member Secretary |
| 4. Er.Lakshminarayanan
Managing Director, Autoaone
SS No.149, Behind Lotus TVS | Member |

Show Room, Mettupalayam Road,
Coimbatore-43

- | | |
|---|-------------------------|
| 5. Dr.G.M.Samuel Knight
Professor of Civil Engineering | University Nominee |
| 6. Thiru K.Arumugam, BSc

Financial Advisor & Chief Accounts Officer
DOTE, Chennai 600 025 | Fin.Nominee |
| 7. Dr. Esther Annlin Kala James
Principal I/C, GCE, Trichy | Member |
| 8. Prof.J.Lakshmanaperumal
Principal I/C, GCE, Tanjore | Member |
| 9. Dr.N.Suriyanarayanan
Asso.Prof/Physics, GCT,CBE | TEQIP Co-ordinator |
| 10. Dr.N.Devarajan
Professor/ EEE, GCT,CBE | Co-ordinator COE-AER |
| 11. Dr.S.Jayanthi
Asso.Prof./ Civil | for Co-ordinator COE-ES |
|
The following could not attend the meeting due to other commitments | |
| 12. Dr.S.Subramanian
Vice Chancellor
Karpagam University | Member |
| 13. Dr.V.Selladurai
Principal
Coimbatore Institute of Technology
Aeroderome Post, Coimabtoe-641014 | Member |
| 14. Er. Viswanathan
Viswanathan Construction Co
R.S.Puram, Coimbatore | Member |
| 15. Dr.M.Isaac Solomon Jebamani
Professor/Civil, GCT,CBE | Co-ordinator COE-ES |

Requisition for nomination of members from the UGC has been sent. However, the above mentioned member is yet to be nominated.

Mr.K.Ilango, Chairman, BOG welcomed the members and initiated the proceedings of the BOG meeting.

Dr.V.Lakshmiprabha, Principal and Member Secretary extended a warm welcome to the Chairman, members and briefed them on the agenda of the meeting.

The Agenda was then taken up for discussion in an orderly manner. The following items were discussed.

I.TEQIP

21.1.1 Confirmation of the minutes of the 19th and 20th meeting of the BOG.

The Minutes of the 19th and 20th BOG meeting were confirmed.

21.1.2 Action taken report of the 19^h and 20th BOG meeting.

The Action taken report on specific items were reviewed.

21.2.1 TEQIP activities after last BOG meeting.

The activities under TEQIP Phase II after the previous BOG meeting were noted by the members.

21.2.2 Assistantship for PhD scholar after conversion from Part Time to Full Time.

The PhD scholar by name Ms.V.Indu Nair was permitted to get assistantship for a period of Two and a half year from the date of conversion to full time PhD after applying other conditions for receipt of stipend.

21.2.3 Approval of Student Research Funding projects from TEQIP R&D.

The four projects proposed for funding under TEQIP were approved as listed below:

Sl. No	Title of the Project	Team Members	Reg No	Dept	Cost Estimation (Rs.
01	Five Fingers	Balakumaran R M Ponsankar N Jeeve S Nivedha K	1215107 1315129 1215114 1217136	PROD & CSE	11,320
2	Thermal to Electric Converter	Abilash G Ashok Kumar K B Gunasekaran K	1412101 1412110 1415114	MECH & PROD	5,878
03	Replacing HVAC Systems in Automobiles by Thermo Electric Effect	Ahamed Fayaz A Ajayram K Dinesh Kumar S Gowtham T	1312102 1312103 1312303 1312305	MECH	5,030
04	Multiacting Reciprocating Pump using Diaphragm	Gautam M Gokul K Monish Raja S Rajesh R	1315110 1315112 1315127 1315135	PROD	12,685

21.2.4 Leave rules for Full Time PhD scholars.

It was resolved to approve a total of 20 days in a calendar year leave to Full Time PhD scholars during the 3 year period for which they are getting TEQIP stipend. The scholars are not eligible for any other leave. The leave must be submitted through the Supervisor to the Head of the Department in which they are carrying out research and should be approved by both Supervisor and HOD. This guideline comes into effect from 01.01.2016 onwards.

The progress report regarding research work must be forwarded to TEQIP office every six months through Supervisor and HOD for receiving the stipend.

CENTRE OF EXCELLENCE IN ALTERNATE ENERGY RESEARCH

21.3.1 Presentation of activities after last BOG meeting, expenditure status and action plan - information

The activities under CoE AER was noted for information.

21.3.2 Minutes of the 4th Advisory Committee meeting

The minutes of the Advisory committee meeting of CoE AER was noted for information.

21.3.3 Purchase plan for CoE-AER as approved by Advisory Committee

The purchase plan of COE AER as approved by the Advisory Committee was approved by BOG.

S.No.	Name of Equipment	Cost in Lakhs
1.	Data Logging System for Domestic Wind Mill	5.00
2.	Smart Grid	17.00
3.	Smart Grid Accessories	6.50

CENTRE OF EXCELLENCE IN ENVIRONMENTAL STUDIES

21.4.1 Change of Project Co-ordinator for Centre of Excellence in Environmental Studies.

The Change in the Project Co-ordinator was approved. Dr.T.Meenambal, Professor of Civil Engg for Centre of Excellence in Environmental Studies is approved as a new Co-ordinator with effect from 01.01.2016.

21.4.2 Procurement of Potentiostat-Galvanostat.

The procurement proposal for purchase of Potentiostat-Galvanostat at a cost of Rs.12.00 lakhs was approved by BOG.

21.4.3. Assistantship for ME (Env.Engg) students- ratification.

The Assistantship for ME (Environmental Engg) for non-gate students at the rate of Rs.6,000/- per month was ratified.

II. GENERAL

21.5.1 Ratification of Building repair works carried out on emergency basis during NBA Team visit.

The Building repair works carried out on emergency basis for Rs.10 lakhs using General fund during NBA Team visit was ratified.

21.5.2 Approval of the minutes of Building committee convened for certain repair works- Civil and Electrical.

The Civil works proposed for a total of Rs.26/- lakhs as per list enclosed and the electrical works for a total sum of Rs.8.32126 lakhs from General Fund was approved by BOG to be executed through PWD.

21.5.3 Approval of VDA increase for TEXCO Watchman.

The increase of Rs.2961/- per month for the 7 ex-servicemen employed and paid through Block Grant (Sub Head - 33 PPSS-04) was approved.

However the BOG recommended exploring the other avenues and also sending the list of vacant watchman post with request to fill the posts by TEXCO to DOTE.

21.5.4 Fixing the charges for use of College play ground by outsiders per day.

The BOG recommended to get details of charges paid for such utilization of play ground by TNAU and other government / government aided Engineering Colleges and present the same for discussion during next BOG meeting.

The meeting came to a close at 4.45 PM as the Chairman and Member Secretary thanked all the members for their presence and participation.

Sd/-
PRINCIPAL

Copy to:

MEMBER / SECRETARY

The Chairman, BOG

All the members of BOG

Copy submitted to The Director of Technical Education, Chennai 25 – for information

Copy to: CoE ES / CoE AER Co-ordinators – to take follow-up action

Copy to: PA to Prl / Bursar / A Section Superintendent / D1,A2 & B2 Assts / TEQIP Office

Dr.R.Thenmozhi, Asso.PCE – to publish in the Website

GOVERNMENT COLLEGE OF TECHNOLOGY, COIMBATORE-641013

**MINUTES OF THE 22nd MEETING OF THE BOARD OF GOVERNORS (TEQIP)
HELD AT THE PRINCIPAL'S CHAMBER ON 24.03.2016 AT 02.30 PM**

Dated: 24.03.2016

The Twenty second Meeting of the Board of Governors of the Government College of Technology, Coimbatore-13, was held at the Principal's Chamber of the college on 24.03.2016 at 02.30 PM.

The following members attended the BOG Meeting.

- | | |
|--|-------------------|
| 1. Mr.K.Ilango
Managing Director
RSM Autokast Limited
603, C-Block, Pioneer Complex
1075, Avanashi Road, Coimbatore-18 | Chairman |
| 2. Dr.G. Rangathan Ph.D
Chief Executive Officer,
Rover Components Limited,
"Kandan" K Vadamadurai Post,
Coimbatore – 641 017 | Chairman (New) |
| 3. Dr.K.Sundaramoorthy
Addl. Director of Tech. Edn | Ex-Officio Member |

DOTe, Chennai

- | | |
|--|--------------------------|
| 4. Dr.V.Lakshmi Prabha
Principal, GCT, CBE | Member Secretary |
| 5. Dr.R. Krishnan Ph.D. FNASc.
(Retired Scientist ISRO and Director
ADRIN & Dean (Academic), IIST,
Thiruvananthapuram)
17, G.G. Avenue, 1 st Street,
B.U. Post, Coimbatore – 641 043 | Member (Professionalist) |
| 6. Dr.G.M.Samuel Knight
Professor of Civil Engineering | University Nominee |
| 7. Thiru K.Arumugam, BSc
Financial Advisor & Chief Accounts Officer
DOTe, Chennai 600 025 | Fin.Nominee |
| 8. Er. Viswanathan
Viswanathan Construction Co
R.S.Puram, Coimbatore | Member |
| 9. Dr. Esther Annlin Kala James
Principal I/C, GCE, Trichy | Member |
| 10. Dr.N.Suriyanarayanan
Asso.Prof/Physics, GCT,CBE | TEQIP Co-ordinator |
| 11. Dr.N.Devarajan
Professor/ EEE, GCT,CBE | Co-ordinator COE-AER |
| 12. Dr.T.Meenambal
Professor/Civil, GCT,CBE | Co-ordinator COE-ES |

The following could not attend the meeting due to other commitments

- | | |
|---|--------|
| 13. Dr.S.Subramanian
Vice Chancellor
Karpagam University | Member |
| 14. Dr.V.Selladurai
Principal
Coimbatore Institute of Technology
Aerodrome Post, Coimbatore-641014 | Member |

- | | |
|--|---------------|
| <p>15. Er.Lakshminarayanan
Managing Director, Autoaone
SS No.149, Behind Lotus TVS
Show Room, Mettupalayam Road,
Coimbatore-43</p> | <p>Member</p> |
| <p>16. Prof.J.Lakshmanaperumal
Principal I/C, GCE, Tanjore</p> | <p>Member</p> |

Requisition for nomination of member from the UGC has been sent. However, the above mentioned member is yet to be nominated.

Mr.K.Ilango, Chairman, BOG welcomed the new BOG Chairman, members and initiated the proceedings of the BOG meeting.

Dr.V.Lakshmiprabha, Principal and Member Secretary extended a warm welcome to the Chairman, members and briefed them on the agenda of the meeting.

The Agenda was then taken up for discussion in an orderly manner. The following items were discussed.

TEQIP

22.1.1 Confirmation of the minutes of the 21st meeting of the BOG.

The Minutes of the 21st BOG meeting were confirmed.

22.1.2 Action taken report of the 21st BOG meeting.

The Action taken was reviewed.

22.2.1 Purchase plan approval for the items under procurement for the additional fund received under TEQIP Phase II.

The proposal presented was approved subject to the condition that a Need review committee is constituted and approved through the committee. It was resolved to constitute the need review committee with HODs and decide the procurement of items.

22.3.1 Approval of assistantship for Post Graduate Non-Gate students from March 2016. – Special case : 2 Gate students not able to get their assistantship from MHRD – submitted for discussion and approval of assistantship from TEQIP

The assistantship for all PG students including the 2 GATE qualified who did not get GATE stipend were approved upto the current academic year May 2016 / end of semester (Assistantship head).

The action plan for next semester would be reviewed by BOG and assistantship paid after getting details about the results of the students seeking assistantship and the work they do in the department.

The attendance condition and workload condition were approved.

22.4.1 Ratification for seed money given to students for e-Yantra Idea Robotic competition project and contest by IIT, Bombay (R&D Head).

The fund of Rs.15,300/- given to students to participate in IIT, Bombay e-Yantra competition for project was ratified (R&D).

22.4.2 Ratification for the seed money given to students for Robotic design for the competition to be conducted by Caterpillar (R&D Head).

The seed money of Rs.27,200/- given to students for project preparation conducted by M/s.Caterpillar Pvt Ltd was ratified (R&D).

22.4.3 Ratification for the fund given for creation of models for permanent display and exhibition under Geo-Technical Engineering (R&D Head).

The TEQIP fund for Rs.3,03,595/- for development of models to demonstrate different kinds of foundation was approved (R&D).

CENTRE OF EXCELLENCE IN ENVIRONMENTAL STUDIES

22.5.1 Approval of change in Procurement & Financial Nodal Officer for CoE-ES.

The Change of Procurement and Financial Nodal Offer from Dr.S.Jayanthi, Asso.PCE to Dr.J.Jeyanthi, Asso.PCE was approved.

22.5.2 Approval of change in Advisory Committee Members of CoE-ES.

The change in the Advisory Committee Members of CoE-ES was approved.

22.5.3. Minutes of 2nd Advisory Committee Meeting – for information.

The Minutes of 2nd Advisory Committee Meeting was noted.

22.5.4 Honorarium to I.I.I. Cell Nodal Officer – for approval

The Honorarium to I.I.I. Cell Nodal Officer of Rs.2000/- per month was approved.

22.5.5. Procurement of Atomic Force Microscope, Planetary Ball Mill, Electronic Lectern, Visual Presenter, Laboratory Furniture – New plan for approval.

The Procurement plan of COE-ES namely, purchase of Atomic Force Microscope, Planetary Ball Mill, Electronic Lectern, Visual Presenter, Laboratory Furniture were approved.

22.5.6. Permission for hiring Lab Technician for maintaining sophisticated equipments – for discussion and approval.

The need for Lab Technician for Centre of Excellence was felt important. Hence it was resolved to represent to NPIU to permit a Lab Assistant under the project scheme till the end of project.

22.5.7. Sending Thiru Veerasekar –PhD scholar in Environmental Engg dept to IIT, Gawhati – for discussion and approval.

The BOG permitted the scholar Thiru Veerasekar to proceed with the research at IIT, Gawhati within the permissible norms of TEQIP.

NON-TEQIP

22.6.1 Repair works in the EIE department using General fund – for approval.

The repair works for EIE block for Rs.3,99,000/- was permitted and approved utilizing General fund.

22.6.2 Repair work of the Overhead Tank in the Staff Quarters (old) using General fund – for approval.

The repair work in the staff quarters for the overhead tank for Rs.2,00,000 was permitted and approved utilizing General fund.

The meeting came to a close at 4.45 PM as the Chairman and Member Secretary thanked all the members for their presence and participation.

Copy to:

PRINCIPAL
MEMBER / SECRETARY

The Chairman, BOG

All the members of BOG

Copy submitted to The Director of Technical Education, Chennai 25 – for information

Copy to: CoE ES / CoE AER Co-ordinators – to take follow-up action

Copy to: PA to Prl / Bursar / D1, A2 & B2 Assts / TEQIP Office

GOVERNMENT COLLEGE OF TECHNOLOGY, COIMBATORE-641013
MINUTES OF THE 24th MEETING OF THE BOARD OF GOVERNORS HELD
AT THE PRINCIPAL’S CHAMBER ON 25.10.2016 (TUESDAY) AT 10.30 PM

Dated: 25.10.2016

The Twenty fourth Meeting of the Board of Governors of the Government College of Technology, Coimbatore-13, was held at the Principal’s Chamber of the college on 25.10.2016 at 10.30 PM.

The following members attended the BOG Meeting.

- | | |
|--|------------------------|
| 1. Dr.G.Ranganathan Ph.D
Chief Executive Officer
Rover Components Limited
“Kandan” K Vadamadurai PO
COIMBATORE 641 017. | Chairman |
| 2. Dr.R.Krishnan Ph.D. FNASc.
(Retired Scientist ISRO and Director
ADRIN & Dean (Academic) IIST
17 G.G.Avenue, 1 st Street
Bharathiyar University | Professionalist Member |

- | | |
|---|----------------------------|
| 3. Dr.S.Palaniswami
Principal, GCT, CBE | Principal/Member Secretary |
| 4. Er.CV. Lakshminarayanan
2E Mayflower
Annapoorna Apartments
4 th Street, K.K.Pudur
COIMBATORE 641 038. | Industry Member |
| 5. Prof. S. Kumaresan
Professor of CSE, GCT, CBE | Member |
| 6. Dr.N.Suriyanarayanan
Asso.Prof/Physics, GCT,CBE | TEQIP Co-ordinator |
| 7. Dr.V.Geetha
Assoc. Professor/ EEE, GCT,CBE | Co-ordinator COE-AER |
| 8. Dr.J.Jayanthi
Asso.Prof./ Civil
The following members could not attend the meeting due to other commitments | for Co-ordinator COE-ES |
| 9. Mr.T.Devaraj
Financial Advisor & Chief Accounts Officer
Directorate of Technical Education
CHENNAI 600 025. | Financial Nominee |
| 10. Dr.R.Satyabama
Professor of ECE, GCT, CBE | Member |
| 11. Dr.T.Meenambal
Professor/Civil, GCT, CBE | Co-ordinator COE-ES |

The Chairman conveyed his best wishes to the new Principal assumed charge and welcomed the members and initiated the Proceedings of BOG meeting.

Dr.S.Palaniswami, Principal & Member Secretary of BOG welcomed the Chairman, members and briefed them on the agenda of the meeting.

The Agenda was then taken up for discussion in an orderly manner. The following items were discussed.

I.TEQIP (24.1.)

24.1.1 Confirmation of the minutes of the 23rd meeting of the BOG.

The Minutes of the 23rd BOG meeting were confirmed.

24.1.2 Action taken report of the 23RD BOG meeting.

PROCUREMENT

DEPART -MENT	ITEM NAME	AMOUNT Rs.	ACTION TAKEN
CSE	Desktop Computer (with Preloaded Operating System)	2485917/-	Completed
ECE	Baseband & RF Communication Analyser	1982820/-	Completed
TEQIP	B&W Printer and Colour printer (TEQIP Office)	244000/-	Completed
CIVIL ENGG. (STRUC)	Workstation with TFT Monitor	2160533/-	Completed
PRODUC- TION	3D Printer	543585/-	Under Process
	Fully Automatic Micro Universal Testing Machine of 100 KN	1400000/-	Under Process
	Computerized Semi Automatic Micro Hardness Tester	1300000/-	Under Process

Action taken report on the Procurement process was approved.

24.1.3 To consider Full time Ph.D. Research scholars for the purchase of consumables reimbursement from TEQIP.II fund - submitted for discussion.

The reimbursement of consumables for the Full time Research scholars was not approved by BOG as the Full time scholars are getting Research Assistantship of Rs.12,000/- per month.

24.1.4 To ratify the advance Rs.66,000/- out of Rs.95,000/- for transporting the efficycle to participate in the final round of National Level (Society for Automotive Engines) SAE event on efficycle to be held at Punjab between 12.10.2016 and 16.10.2016 by III Year Mechanical Engineering students. (Transportation of efficycle vehicle to Punjab)

The advance given to them was ratified.

To approve the total cost of Rs.2,05,495/- incurred for fabrication of efficycle and participation in the Pubjab event.

The total cost involved in fabrication and participation at Punjab an approximate amount of Rs.2,05,495/- was approved.

24.1.5 To approve the expenditure amount of Rs.2,03,550/- and Rs.1,89,618/- for the Go-Kart event on National Kart Racing Championship 3 (NKRC) for fabrication and participation at Kohlapur, Mumbai by Final Year Mechanical Engg. students (18 + 20 students participated in Two batches).

The expenditure incurred in fabrication and participation by Two sets of students was approved. (It is advised to get proper letters from the participants). It is also advised that such a fabricated car should undergo technical check for safe drive. The technical check report should also be enclosed. It is also advised to follow the procedures strictly in future events.

24.1.6 To approve the Reimbursement for research publications in referred journal (Annexure.I, Anna University) for Mr.V.Karthik, AP/IBT (Rs.30,000/-) and Dr.K.Ramesh, AP/Mech.Engg. (Rs.15,000/-)

The reimbursement of research publications in referred journal by the above two faculty members of GCT was approved.

24.1.7 To approve the proposal under TEQIP II - Japan International Cooperation Agency (JICA) volunteer programmes to India. (Offered from Ministry of Finance, Government of India)

Japan International Cooperation Agency (JICA) volunteer programmes to India was noted. A proposal from this college dated 01.09.2015 for JICA Volunteer was approved.

Further initial proposal was submitted by the faculty member Dr.S.Jayanthi, Associate Professor of Civil Engg. who is promoted as Professor and transferred to Government College of Engineering, Bodinayakkanur. Hence Prof.S.Murugan, Assistant Professor in Civil Engg., Government College of Technology, Coimbatore is nominated in place of Dr.S.Jayanthi who is doing his current research in Bio-Diesel production as mentioned in the JICA proposal. All the work pertaining to JICA will be taken care by Prof.S. Murugan. It was also approved by BOG.

II. CENTRE OF EXCELLENCE IN ENVIRONMENTAL STUDIES- (24.2.)

24.2.1 To cancel/delete the list of equipments from PMSS under CoE-ES “PROCUREMENT”.

Cancellation/Deletion of list of equipments from PMSS under CoE-ES “Procurement” was approved.

24.2.2 To ratify the Procurement in Process for the purchase of 6 items.

The revised procurement plan for purchase of Fully Automatic Autoclave, Ultra Probe Sonicator, Ultrasonic Bath, Tissue Teasor, Incubated & Refrigerated Stackable Shaker & Books pertaining to (CoE-ES) under CoE-ES was ratified.

24.2.3 To ratify the Procurement of A/C Stabilizer & Signage Board

The procurement of A/C with suitable stabilizer & Signage Board was ratified.

24.2.4 To ratify the Research Grant granted for 5 faculty members under R&D

The five research proposals submitted for funding under CoE-ES was approved and the advance amount of 70% given them was ratified.

Sl. No.	Research Title	Depart -ment	Coordinator/ Guide	Faculty (Part time Research Scholar)	Estimated Cost Rs.
1.	“Stability improvement of Cerium oxide Nanosol for the removal of Azo dyes”	Chemistry	Dr. K. Muthukumaran, Head & Professor of Chemistry	Mr. A. Thirunavukkarasu Assistant Professor in IBT	63,400/-
2.	“Enriching the stability of iron nanoparticles to study the feasibility for the removal of chromium (VI)”	Chemistry	Dr. K. Muthukumaran, Head & Professor of Chemistry	Ms. M. N. Priyadharshini Assistant Professor in IBT	50,040/-
3.	“Synthesis and Characterisation of biogenic manganese oxide nanoparticles for the removal of heavy metal ions”	Chemistry	Dr. K. Muthukumaran, Head & Professor of Chemistry	Ms. D. Angeline Kiruba, Assistant Professor in IBT	45,000/-

4.	“Development of nanocomposites for the removal of sulfides in water”	Chemistry	Dr. S. Vairam, Associate Professor in Chemistry	-	1,00,000/-
5.	“Utilization of Agro residual waste in effective blending in Portland cement for making structural elements”	Civil	Dr. R. Thenmozhi	Ms. K. Rekha, Assistant professor in Civil	2,00,000/-

24.2.5 To ratify the Change in III Cell Nodal Officer and approval for Honorarium to the newly appointed Nodal Officer.

The change in I.I.I cell nodal officer was ratified. Mr. S. Murugan, APCE was approved as new I.I.I cell nodal officer with effect from 01.05.2016.

24.2.6 To ratify the expenditure incurred in conducting one week FDP Program on “Nanomaterials in Technological Applications NMTA’ 16” from 27.06.2016 to 03.07.2016 and 1 day Technical Expo on 05.08.2016 on “Energy & Environmental Management”.

The One week FDP Program on “Nanomaterials in Technological Applications NMTA’ 16” was organized from 27.06.2016 to 03.07.2016. The total expenditure incurred for the program Rs.3,26,455/- was ratified.

A one day Technical expo on “Energy & Environmental Management” was organized on 05.08.2016. The total expenditure incurred for the program Rs.2,50,298/- was ratified.

24.2.7 To ratify the Research assistantship of Rs.12000/- given to L.M. Sibichakkaravarthi full time scholar, Department of Civil Engineering under the guidance of Dr.J.Jeyanthi, Associate Professor in Civil Engineering.

Research assistantship of Rs.12,000/- per month given to L.M. Sibichakkaravarthi, Department of Civil Engineering from July 2016 was ratified.

24.2.8 To approve the Appointment of Dr. J. Jeyanthi, Asso.Prof./Civil Engg as Purchase committee member of TEQIP II CoE-ES in the place of Dr. S. Jayanthi with effect from 01.06.2016

The change in purchase committee member was approved. Dr. J. Jeyanthi, Asso. PCE is approved as new purchase committee member in the place of Dr. S. Jayanthi with effect from 01.05.2016.

24.2.9 To approve the Foreign Visit to be undertaken by two Faculty Members Dr. T. Meenambal & Dr. J. Jeyanthi for Paper Presentation at an estimated Budget of Rs. 2,26,194/- & Rs. 2,25,867 respectively (Under the Head of Account - FDP)

The proposal submitted by Dr. T. Meenambal & Dr. J. Jeyanthi for Paper Presentation in International Conference conducted by 'Hong Kong Baptist University' at Hong Kong SAR, China was approved. The expenditure for registration, TA & DA at an estimated budget of Rs. 2,26,194/- & Rs. 2,25,867/- respectively was permitted through CoE-ES "Head of Account – FSD" was approved.

It is suggested that the proposals should be submitted to the scrutinizing committee and report should be enclosed for further processing.

24.2.10 To approve the Research grant for Mrs. R. Bhuvaneswari under the guidance of Dr.J.Jeyanthi at an estimated cost Rs.2,52,500/- (Under Head of Account – R&D)

The Research project titled "Treatment of Pharmaceutical Compounds in Water using Advanced Oxidation Process and Nanomaterial" under the guidance of Dr. J. Jeyanthi at an estimated cost of Rs. 2,52,000/- under CoE-ES was approved under "Head of Account – R&D".

24.2.11 To approve the Proposals of 5 Research Scholars under R&D (copy enclosed)

The five research proposals of research scholars in department of Civil Engineering proposed for funding under CoE-ES was approved as listed below.

Sl. No	Research Title	Coordinator/ Guide	Full Time Research Scholars	Estimated Cost Rs.
1.	"To set a prototype reactor for Biodiesel production from Tannery Wastewater using Microalgae"	Mr. S. Murugan, APCE	N. Veerasekar	1,14,700/-

2.	To carry out the analysis of samples, cell counting, reactor scale-up, and harvesting of yeast”	Mr. S. Murugan, APCE	T. Anbarasan A. Thirugachandar VS. Priyadharshni	4,34,000/-
3.	“Bioleaching-Extraction of Heavy Metals from e-waste using nano-particles”	Dr.T. Meenambal, PCE	J. Senophiyah Mary	1,17,000/-
4.	“ECF (Electro Coagulant – Flocculation) Treatment for Diary wastewater”	Dr. J. Jeyanthi, Asso. PCE	M. Priya	1,10,000/-
5.	“Adsorptive removal and photo catalytic degradation of textile dye”	Dr. J. Jeyanthi, Asso. PCE	R. Jayalakshmi	1,10,000/-

24.2.12 To ratify the expenditure incurred in conducting 4 days National Workshop on “Sustainability issues and Nanotechnology in Construction Industry” from 22.08.2016 to 25.08.2016.

Four days National Workshop was conducted on “Sustainability issues and Nanotechnology in Construction Industry” from 22.08.2016 to 25.08.2016. The total expenditure incurred for the program Rs.2,65,145/- was ratified.

24.2.13 To ratify the Plumbing Work at Rs. 1,10,000/-, Tiles work at Rs. 2,00,000/- for Granite Flooring at Rs. 1,35,000/-, Plywood Doors, at Rs. 80,000/- and electrical works at Rs. 2,45,000/- undertaken in the lab of Environmental Engineering.

The actual expenditure incurred in Plumbing work was Rs.1,10,930/-, Tiles work Rs.1,99,990/- These two work was completed. The above work and expenditure was ratified. Further the Granite work and plywood work are under way and the actual expenditure to be incurred for this work is Rs.1,34,729/- and Rs.79,850/- respectively. It is also ratified.

However, BOG members recommended to get approval from PWD (AE) or EE for all minor civil works carried out.

24.2.14 To ratify the Teaching Assistantship of Rs. 12,000/- p.m. to B. Shoba full time scholar of Civil Engineering under the guidance of Dr. J. Jeyanthi, Asso. Prof./ Civil Engg.

Research assistantship of Rs. 12,000/- per month to Ms.B. Shoba in Department of Civil Engineering from July 2016 was ratified.

24.2.15 To approve the Teaching assistantship of Rs. 6000/- to 11 students of First year M.E Non-gate from September 2016.

The teaching assistantship of Rs. 6000/- per month for 11 First year M.E Non-gate students from the month of September 2016 to March 2017 was approved.

24.2.16 To ratify the expenditure incurred in conducting 3 days Workshop on “Software applications in Environmental Management” from 31.08.2016 to 02.09.

Three days Workshop on “Software applications in Environmental Management” was organized from 31.08.2016 to 02.09.2016. The expenditure incurred for this program Rs.2,60,349/- was ratified.

24.2.17 To approve the Research Proposals undertaken by 2 Research Scholars under Head of Account R&D

The two research proposals of research scholars in department of Civil Engineering proposed for funding under CoE-ES was approved as listed below.

Sl. No	Research Title	Coordinator/ Guide	Full Time Research Scholars	Estimated Cost Rs.
1.	“Concrete encased composite columns made of industrial wastes”	Dr. R. Thenmozhi, Associate Professor	N. Divyah	2,31,500/-
2.	“Use of industrial waste in enhancing structural performance of laced reinforced beam”	Dr. R. Thenmozhi, Associate Professor	V. P. Dhanapriya	2,42,000/-

However, committee suggested that the proposals should meet objectives of CoE-ES

and towards the goal of CoE-ES.

24.2.18 To divert the Fund of Rs. 18,00,000/- from I.I.I Cell to Other Heads

The BOG recommended to organize various activities and faculty training under I.I.I cell. They also suggested that practical difficulties if any, can be resolved with the help of industrial experts. Also it was decided to keep this issue pending till the minutes of meeting of NPIU is received.

24.2.19 To approve the Minutes of Third Advisory Committee Meeting

The minutes of the Advisory committee meeting of CoE-ES was noted for information.

24.2.20 To approve the Grill Work, Painting Work & foundation work for placing Planetary Ball Mill Equipment at an estimated cost of Rs. 2,30,000/-, Rs. 1,50,000/- & Rs. 85,000/- respectively in the lab of Environmental Engineering.

The above work to be carried out in Environmental Engineering Department was approved.

III -CENTRE OF EXCELLENCE – ALTERNATE ENERGY RESEARCH – (24.3.)

24.3.1 To approve the change of Principal investigator CoE-AER on the Retirement of Dr.N.Devarajan. (Dr.V.Geetha, Associate Professor/EEE in the place of Dr.N.Devarajan)

The BOG approved the change of Principal Investigator of CoE – AER

As Dr. N. Devarajan , Professor of Electrical Engg., was retired on 31.05.2016, Dr. V. Geetha , Asso. Prof., has been assigned as Principal Investigator CoE – AER from 01.06.2016 on words.

24.3.2 To approve the additional expenditure towards enhancement of Research Project by Mr.P.Immanuel John Samuel full time Research Scholar as recommended by the Advisory Committee. Rs.4,20,000/-

Additional Expenditure of Rs. 4, 20,000/- towards enhancement of Research Project by Mr. Immanuel John Samuel full time Research scholar, has been approved. The slewing drive needed for the tracking arrangement of the project has been imported from China, as the item is not available in India. The committee approved the same.

24.3.3 To approve the expenditure towards Research Project by P.Venkatesh Kumar, Research Scholar as recommended by Advisory Committee Rs.1,50,000/-.

Research Proposal for Rs. 1,20,000/- by Mr. P. Venkatesh kumar, Part Time Research scholar has been approved. It is advised that the sustainability and usage of the hardware must be ensured.

24.3.4 To approve the Research Project for Prof. K.Yasoda, APEEE, Part time Ph.D scholar Rs.10,00,000/-

Research Project on Energy storage and management for Rs. 10,00,000/- by Prof. K. Yasoda to carryover the research work in the department of Electrical Engineering, has been approved.

24.3.5 To approve the Research project for Full time Ph.D scholar (Ms. R. Suganthi, Mr. P. Manikandan, Mr. S. Dhas Bensam) (Guide : Dr. P. Maruthupandi, AP/ EEE) Rs.15,00,000/-

The following research proposals by Full time Ph. D Scholars have been approved

S.No.	Name of the Research Scholar	Amount Rs.
1	Ms. R. Suganthi	5,00,000/-
2	Mr. S. Dhas Bensam	5,00,000/-
3	Mr. P. Manikandan	5,00,000/-

24.3.6 To approve the UG & PG students – seed money Project - Rs.5,00,000/-

The Amount of Rs. 5,00,000/- for projects to be done in the thematic area of CoE – AER by UG & PG students has been approved. The members suggested that interdisciplinary research should be encouraged among students.

24.3.7 To approve the Patent amount to be filed on Sensor less Dual Axis Solar Tracking

Complete arrangement for Agriculture Irrigation Pump (5kW) by Mr. Immanuel John Samuel –Full time research scholar (Guide : Dr. V. Gopalakrishnan, Associate Professor/EEE)

The processing fee of Rs. 50,000/- for filing patent for Solar pump by Mr. Immanuel John Samuel has been approved.

24.3.8 To approve the Patent amount to be filed on Solar Car by UG students.

The processing fee of Rs. 50,000/- for filing patent for Solar Car by Under graduate students has been approved .

24.3.9 To approve the Interdisciplinary Research – Rs.6,50,000/-

The amount of Rs. 6,50,000 /- towards interdisciplinary research in colobration with Department of Chemistry , Physics , Mechanical Engineering and Industrial Biotechnology has been approved.

24.3.10 To approve the International Conference - Rs.10,00,000/-

A proposal to conduct an International Conference at an expected estimated budge of Rs. 10,00,000/- in the area of alternate energy technology has been approved. The committee members suggested to conduct the conference during the month of February 2017 so as to settle the bills at the earliest (before completion of the project).

24.3.11 To approve the Minutes of 5th Advisory Committee Meeting held on 21.10.2016.

The Minutes of the 5th Advisory Committee has been approved.

24.3.12 To review the COE by Chairman and BOG members.

The Chairman said the Centre of Excellence Review will be taking place in next BOG meetings.

IV. NON – TEQIP (24.4.)

24.4.1 To approve the Items to be purchased for various Departments under State Fund (Upto

Rs. 2,00,000/- and above Rs.2,00,000/-)

S.NO.	DEPARTMENT	ITEM NAME	QUANTI -TY	AMOUNT Rs.
1	SURVEY LAB	Total Station	2 Nos.	10,00,000/-
2	MECHANICAL (UG)	Heavy Duty Lathe		9,30,000/-
3		CNC Gear cutting machine		23,00,000/-
4		Acoustic Emission Sensor		2,88,750/-

5		8 Channel PC based Data Acquisition system		10,00,000/-
6		Accelerometer		2,00,000/-
7		Thermocouple sensor		75,000/-
8		Impact Hammer		1,00,000/-
9		Tool wear measurement systems		8,00,000/-
10	MECHANICAL (PG)	Gas Analyser with Online data logger	1 No.	9,80,000/-
11		Smoke meter	1 No.	8,50,000/-
12	ENGG. DESIGN	Advance vibration analyser and data collector	1 No.	7,00,000/-
13		Computers/Printer	6 Nos.	6,00,000/-
14	PRODUCTION	2 Hi rolling mill	1 No.	7,20,000/-
15	ENGG.	CNC Trainer Lathe	1 No.	9,00,000/-
DEVELOPMENT FUND				
16	PRODUCTION ENGG.	CREO/ Solid works software	50 user pack	6,80,000/-

S.NO.	DEPARTMENT	ITEM NAME	QUANTI -TY	AMOUNT Rs.
17	EIE	8051 Development Board	5	10,000/-
18		Development Board for PIC, ARM, AVR Controller	3 each	30,000/-
19		FPGA Kit	3	50,000/-
20		ARM Development Tool	3	10,000/-
21		Linear IC Tester	2	50,000/-
22		Digital IC Tester	2	50,000/-
23		DSO	3	2,00,000/-
24		Digital Transducers kit	3	50,000/-
25		Piezo electric Transducer kit	3	50,000/-
26		Hall effect transducer kit	3	50,000/-
27		Temperature measurement kits	3	50,000/-
28		Biomedical transducer kits	3	50,000/-
29		Matlab software license	40	2,00,000/-
30		PLL kits	2	20,000/-
31		Split air conditioner with automatic stabilizer and installation	12	9,00,000/-
32		Compressor oil HP champion Multigrade 20w40	10 lits.	7,500/-

33		Printer Catridge	10	1,00,000/-
34		Lab consumables, wiring sets and stationery items	-	5,00,000/-
35		Lab. equipment maintenance		3,00,000/-
36		Computers	40	20,00,000/-
37	ECE	RF training system	1 No.	Each Rs.2,00,000/-
38		High frequency signal generator	1 No.	
39		RF source	1 No.	
40		RF Transmitter and Receiver system	1 No.	
41		Wireless communication system	1 No.	
42		Cathode Ray Oscilloscope	10 Nos.	2,00,000/-
43		Function Generators	10 Nos.	1,00,000/-
44		Power Supply	20 Nos.	1,00,000/-
45		Furniture		4,00,000/-
46		Interactive board and display	1 No.	4,00,000/-
47	CSE	Computer Chairs	150	3,00,000/-
48		Class room desks/chairs	80	5,00,000/-
49		Line Array speaker with audio mixer, Mic and amplifier	1	2,00,000/-
50		Split A/C 2 ton	13 Nos.	6,50,000/-
51		Split A/C 1.5 ton	8 Nos.	3,50,000/-
52		10 KVA UPS with 3 hours backup	2 Nos.	7,50,000/-
53		5 KVA UPS with 3 hours backup	1 No.	2,50,000/-
54	CSE	HDTV	1 No.	2,00,000/-
55		High end Video camera	1 No.	2,00,000/-
56		PTZ Cameras	10 Nos.	2,00,000/-
57		Embedded systems/IOT lab setup(Microcontrollers, sensors, project boards and software)		5,00,000/-
58		L3 PoE and open Flow switches		3,00,000/-
59	IT	Materials for constructing wooden stage(with carpet) in seminar hall and round table		73,280/-
60		Materials to be procured for repairing of work tables in computer lab.III, installation of of AC's shifted from CSE department and Labour charge	4 Nos.	1,49,171/-
61		Core i7 desktop computer for lab use	15 Nos.	8,00,000/-
62		Core i5 desktop computers for lab use, i7 laptops for establishing malware research alb.	4 Nos. (each)	5,00,000/-
63		Steel almirahs	15 Nos.	1,80,000/-

64	IBT	Office tables	10 Nos.	1,00,000/-
65		Storage racks	15 Nos.	60,000/-
66		Furnishing conference hall		2,60,000/-
67		Vertical SS Autoclave	1 No.	1,70,000/-
68		Mini autoclave	2 Nos.	70,000/-
69		Microfuge	1 No.	1,60,000/-
70		Refrigerator double door	3 Nos.	1,80,000/-
71		Digital Colorimeter	5 Nos.	1,00,000/-
72		pH meter	3 Nos.	50,000/-
73		Weighing balance	2 Nos.	50,000/-
74		Incubator	1 No.	1,00,000/-
75		Microscopes	5 Nos.	1,70,000/-
76		Color printer with Scanner multifunctional A3 size	1 No.	1,90,000/-
77		Incubator shaker with illumination	1 No.	1,60,000/-
78		Incubator shaker without illumination	1 No.	1,40,000/-
79		Water doctor stainless steel with six outlet	1 No.	80,000/-
80	PHYSICS	Podium setup	1 No.	1,00,000/-
81		AC 3 tons	6 Nos	2,50,000/-
82		Spectrometer	5 Nos	50,000/-
83		Traveling telescope	5 Nos.	70,000/-
84		Ultrasonic interferometer	4 Nos.	1,25,000/-
85		Band gap determination	5 Nos.	25,000/-

S.NO.	DEPART-MENT	ITEM NAME	QUANTI-TY	AMOUNT Rs.
86	PHYSICS	C-B bridge setup	5 Nos.	20,000/-
87		Potentiometer setup	5 Nos.	20,000/-
88		Computer i5	5 Nos.	1,00,000/-
89		Instrument table (8x3x3)	3 Nos.	1,40,000/-
90		Vacuum hot air oven	1 No.	1,00,000/-
91		Brass wire 100 gms	10 Nos.	8,000/-
92		Mercury vapour lamp 240 w	10 Nos.	5,500/-
93		Sodium vapor lamp	10 Nos.	8,400/-
94		Transformer for SV Lamp 55w	10 Nos.	12,600/-
95		Resistance boxes 2 dial	10 Nos.	3,300/-
96		Resistance coil	20 Nos.	8,500/-
97		Rheostat	10 Nos.	24,800/-

98		Spare jockey for meter bridge and potentiometer	10 Nos.	42,400/-
99		Screw gauge 0-25 mm LC:0.01 mm	10 Nos.	10,350/-
100		Venire caliper 20 cm/30cm in velvet box	10 Nos.	6,000/-
101		Connecting wire copper wire 100 gms	15 Nos.	11,250/-
102		Daniel cell	10 Nos.	4,500/-
103		(a) DC power supply	10 Nos.	88,000/-
104		Diode laser set up	8 Nos.	39,000/-
105		Slotted weight	15 Nos.	30,800/-
106		G Clamp 4"	15 Nos.	38,500/-
107		Focus lamp (Philips) table model	15 Nos.	24,100/-
108		Thermometer – 10 to 150 Degree C(Alcohol)	15 Nos.	3,700/-
109		Spectrometer	10 Nos.	8,000/-
110		Telescope	10 Nos.	5,000/-
111		Carry foster bridge 4 gaps	10 Nos.	8,400/-
112		Potentiometer 10 wire	10 Nos.	12,600/-
113		Door closer	10 Nos.	3,300/-
114		Stopper (double knob)	20 Nos.	8,500/-
115		Consumables(Oil, paper, grating, curtain etc.)		

The above items proposed by various departments under State Fund have been approved.

24.4.2 Any other items.

Principal pointed out that the necessity for purchasing of Dual Desks for class rooms due to 20% increase in Lateral Entry students intake in all branches $[{\{8X12+1X20\}X3}] = 348$. The amount required for purchasing 150 Dual Desks cost approximately Rs.10,00,000/-. It is submitted for approval from BOG and it has been approved by BOG.

The meeting came to a close at 6.00 PM as the Chairman and Member Secretary thanked all the members for their presence and participation.

PRINCIPAL

MEMBER /

SECRETARY

Copy to:

The Chairman, BOG

All the members of BOG

Copy submitted to The Director of Technical Education, Chennai 25 – for information

Copy to: CoE ES / CoE AER Co-ordinators – to take follow-up action

Copy to: PA to Prl / Bursar / A Section Superintendent / D1,A2 & B2 Assts / TEQIP Office

Copy to: Dr.R.Thenmozhi, Asso.PCE – to publish in the Website