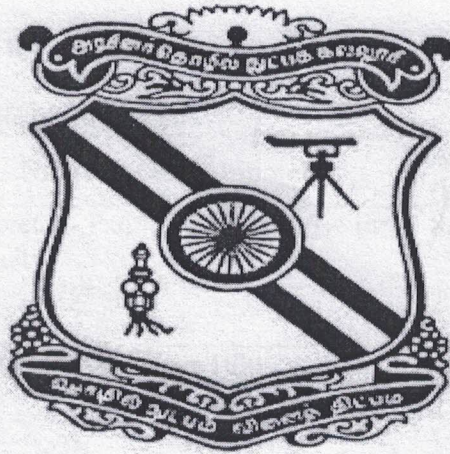


**GOVERNMENT COLLEGE OF TECHNOLOGY  
COIMBATORE-641013**



**MINUTES OF  
40<sup>TH</sup> MEETING OF THE BOARD OF GOVERNORS**

**5 - APRIL - 2023**

**Government College of Technology, Coimbatore**  
**MINUTES OF 40<sup>TH</sup> BOG MEETING held on 05.04.2023**

S. No.	Seeking approval for			Resolution
40.1.1	Confirmation of the minutes of the 39 <sup>th</sup> meeting of the BoG			Confirmed the minutes of 39 <sup>th</sup> BoG meeting
40.1.2	Action taken report of 39 <sup>th</sup> BoG meeting			Action taken report was reviewed
40.1.3	<b>Approval requested for the list of Equipment costing Rs.1 Lakh and above to be procured during 2023-24</b>			
(i)	Procurement and AMC of Equipment			
	Department	Name of the Equipment	Amount (in Lakhs)	Resolution
	Civil Engg (SM Lab)	Concrete Pan Mixer 100 litre capacity	8.50	Quantity to be mentioned and Cost has to be verified with genuine suppliers.
		Digital Mortar Mixer 10lt	1.50	Approved. Budgetary quotes to be obtained from standard vendors before arriving the cost.
		Compression Testing Machine 2000kN	4.50	Approved. Budgetary quotes to be obtained from standard vendors before arriving the cost.
		Torsion Testing Machine	1.00	Approved
		Jolting Apparatus, Jigs for Compression and Flexure Tests. Mould for 40x40x160mm and 25mm x25mmx280mm	2.00	Approved
		Clark's Maxwell Reciprocal Theorem Apparatus, Deflection of Beams Apparatus, Curved Bars Apparatus, Elastically Coupled Beam Apparatus, Behaviour of Column and Beam Apparatus, Elastic Properties of Deflected beam, Three Hinged Arch Apparatus, Redundant Joint Apparatus, Suspension Bridge Apparatus, Portal Frame Apparatus, Unsymmetrical Bending Apparatus, Two Hinged Arch Apparatus, Pin Joint Truss Apparatus, Torsion of Bar	4.50	Approved. Budgetary quotes to be obtained from standard vendors before arriving the cost.

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		Apparatus, Bending Moment Apparatus, Shear Force Apparatus		
<b>Civil Engg (UG) Soil Lab</b>		16 Channel Dynamic Data Logger (1No)	8.00	Approved. Budgetary quotes to be obtained from standard vendors before arriving the cost.
		Laser Displacement Sensor (2 Nos.)	1.50	Approved
		Electro-Mechanical Actuator (1 No.)	7.00	Approved. Budgetary quotes to be obtained from standard vendors before arriving the cost.
		Automatic Ring and Ball Apparatus	7.70	Approved. Budgetary quotes to be obtained from standard vendors before arriving the cost.
		Semi –Automatic digital Bitumen Penetrometer	2.00	Approved. Budgetary quotes to be obtained from standard vendors before arriving the cost.
		The Motorized Hydraulic Extruder	4.50	Approved. Budgetary quotes to be obtained from standard vendors before arriving the cost.
		Multiplex Universal Electro mechanic Test Machine with 50kN Load Cell, 25mm Linear Potentiometric Transducer and U- Touch PRO Control Unit	7.80	Approved. Budgetary quotes to be obtained from standard vendors before arriving the cost.
<b>Mechanical Engg (UG)</b>		Desktop Computers (30 Nos.)	13.20	Approved. Can be made as a centralized purchase for the institution
		Windows OS (Latest Version)	1.65	Approved subjected to the approval from DOTE
		Short Throw Projector (1 No.)	2.00	Approved. Budgetary quotes to be obtained from standard vendors before arriving the cost.
		Computer Tables: 30 Nos.	5.00	Approved. Budgetary quotes to be obtained from standard vendors before arriving the cost.
		Software Multiphysics Mechatronics Engineering Suite	10.00	Approved subjected to the approval from DOTE
<b>Mechanical Engg (PG) Thermal Engg</b>		ANSYS Academic Teaching – Mech& CFD (5 Tasks) – Perpetual ANSYS Academic Teaching – EM (5 Tasks) – Perpetual ANSYS Learning Hub – 1 Year	10.00	Approved subjected to the approval from DOTE

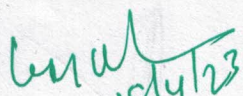
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		Subscription		
		Ultrasonicator (Bath Type)	1.00	Approved
		Digital Viscometer	2.00	Approved
		Fuel Cell Test Station	25.00	Approved subjected to the funds availability. Budgetary quotes to be obtained from standard vendors before arriving the cost.
	<b>Mechanical Engg (PG) Engg Design</b>	Dynamic Mechanical analyzer	42.00	Approved subjected to the funds availability. Budgetary quotes to be obtained from standard vendors before arriving the cost.
	<b>EEE</b>	BLDC and SRM, Induction motor with drives-	5.00	Approved. Budgetary quotes to be obtained from standard vendors before arriving the cost.
		Three phase auto transformer(0-415V), 20A, 50Hz - 5	1.50	Approved
		Single Phase Wattmeter UPF, 600V, (5A/ 10A/20A) - 15 Nos	1.00	Approved
		Single phase and 3 Phase Loading Rheostat 5kW - 5 Nos	1.00	Approved
		Power Electronic trainer modules	4.00	Approved. Budgetary quotes to be obtained from standard vendors before arriving the cost.
		Battery Tester	4.00	Approved. Budgetary quotes to be obtained from standard vendors before arriving the cost.
		Texas Instruments MSP430- 2 nos, Arduino UNO, Arduino Nano, ESP8266 Modem CU, Potentiometer various ranges, Relay modules (high current rating), Rotary Encoder, LDR and other sensors etc.	1.00	Approved
		Electronics Lab components and equipment, 0-5V DC voltmeter-15nos, 0-30V DC voltmeter-20nos, 0-250uA DC ammeter-5nos,0-10 mA DC ammeter-10nos,0-30mA DC ammeter-10nos, 0-50mA DC ammeter-10nos, 0-200mA DC ammeter-10nos, 0-100mA DC ammeter-10nos, RPS(0-30V) -10 Nos	1.75	Approved
	<b>EEE</b>	Desktop Computers 25 Nos.	20.00	Approved. Can be made as a centralized purchase for the

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				institution
		Two wheeler Electric vehicle training system	1.95	Approved
		Tricycle EV Development Systems	5.95	Approved. Budgetary quotes to be obtained from standard vendors before arriving the cost.
		Battery Management System	4.75	Approved. Budgetary quotes to be obtained from standard vendors before arriving the cost.
		NX (CAD / CAM / CAE / MCD) Software for Electrical Vehicles	6.50	Approved subjected to the approval from DOTE
		Water Purifier (Ultraviolet + Ozone)	3.75	Approved. It should be centralized purchase for the institution
	<b>EEE-Department Library</b>	Computers (3 Nos.), Bureaus (2 Nos.), Class Bureaus (3 Nos.), and tables (2 Nos.) and Chairs (10 Nos.)	2.00	Approved. Can be made as a centralized purchase for the institution
	<b>ECE</b>	Cadence Standard bundle with server – VLSI Design Lab	13.30	Approved subjected to the approval from DOTE
	<b>CSE</b>	60 Numbers of i9 processor systems	75.00	Approved. Can be made as a centralized purchase for the institution
	<b>IT</b>	All-in-One Multi-function Printer	2.00	Approved. Can be made as a centralized purchase for the institution
	<b>IBT</b>	Plant tissue culture lab equipment	7.04	Approved. Budgetary quotes to be obtained from standard vendors before arriving the cost.
		High Performance Computer Server for the Molecular Biology / Genetic Engineering Lab	9.80	Approved. Can be made as a centralized purchase for the institution
		Tangential flow Filtration for Downstream processing Laboratory	5.50	Approved. Budgetary quotes to be obtained from standard vendors before arriving the cost.
	<b>Physics</b>	X-ray Diffractometer-Thin Film	55.00	Approved. Subjected to the budget allotment for the department. Budgetary quotes to be obtained from standard vendors before arriving the cost.

  
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		Power Meter	5.00	Approved. Budgetary quotes to be obtained from standard vendors before arriving the cost.
		Fiber optic light source	2.00	Approved.
		Fiber Optic Spectrometer	4.00	Approved. Budgetary quotes to be obtained from standard vendors before arriving the cost.
		Procurement of Equipments to setup UG Laboratory for 2022 regulation	21.00	Approved. Budgetary quotes to be obtained from standard vendors before arriving the cost.
	Library	Turnitin Plagiarism Software	6.00	Approved subjected to the approval from DOTE
	Total		457.64	
Ratification requested for the procured Equipment costing Rs.1 Lakh and above				
	Department	Name of the Equipment	Amount (in Lakhs)	Resolution
	EEE	Computer (22 Nos.) and its accessories, 10KVA Online with SMF Batteries	24.57	Ratified
	EIE	Computer (10 Nos.) & its Accessories, Printers (6 Nos.)	15.55	Ratified
Procurement of the above items are approved subjected to the following conditions: (i) All files are to be initiated and processed as per the orders and norms specified by the Government. (ii) Centralized purchase should be made for common items like water purifier, computers, Printers etc., and delivered in respective departments for stock entry and bill passing. (iii) Cost indicated against should be carefully verified with Standard vendors.				
Annual Maintenance Contract (CoE-ES)				
	Department	Name of the Equipment	Amount (in Lakhs)	Resolution
	Civil Engg (PG) Env. Engg	TOC Analyzer	0.70	Approved
		Fourier Transform Infrared (FT-IR) spectrophotometer	1.50	Approved
		UV-VIS Spectrophotometer	0.50	Approved
		Atomic Force Microscope (AFM)	1.80	Approved
		High Performance Liquid Chromatography (HPLC)	0.50	Approved
		Surface Area Analyser equipment-Belsorp mini	1.00	Approved
		Merck Millipore Water Purification System	0.60	Approved
EEE	Purchase of spares and maintenance of US Patented Project	6.49	Approved. Spares should be processed under 47 Stores & Equipment. and Maintenance under	

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		10 kW On Grid Inverter CoE - AER Lab (20kW Grid Tied Solar Power Generation system)	1.50	Maintenance Head Approved
		AMC for Power System and Smart grid Labs Power System Lab - SCADA based Transmission Line Analyzer, Generator Protection Set-up, Transformer Protection setup, Dynamic grid fault simulator	5.00	Approved
		<b>Total</b>	<b>19.59</b>	

The Board suggested the following for AMC:

- Maximum Ceiling for Annual Maintenance Contract for AMC of special research equipment costing 5L and above is 10% of total cost. Routine maintenance of other equipment can be made on need basis at nominal cost.
- No open tender required for AMC and can be processed on Single quotation basis.
- Should be awarded to the authorized service provider of the manufacturer.

#### Consumables

	Department	Name of the Equipment	Amount (in Lakhs)	Resolution
	EEE	Jumper Wires - Male to Male + Female to Female + Male to Female -- Each 20	0.025	Approved
		HTML 9-Pin Serial Port Male to RJ45 Female Ethernet LAN -4 nos	0.15	Approved
		Electronics Lab components and equipment, DSO/function generator probes-25nos, luf electrolytic capacitor-50nos, LED green-20nos, LED red- 20nos, LED yellow-20 nos, 47 ohm 1/4W resistance- 100nos, 1K ohm 1/4W resistance-100nos, 560 ohm 1/4W resistance-100nos, 4.7K ohm 1/4W resistance-50nos, 68K ohm 1/4W resistance- 100nos, 2.2 K ohm 1/4W resistance-100nos, 1.2K ohm 1/4W resistance-100nos, 100 ohm 1/4W resistance- 100nos, 2N2907 UJT-25nos, 7407 IC-25nos, 7432 IC- 25nos, 7805 IC-25nos, IC 555-20nos, IC 741-20nos, IC 7486-20nos, IC 7411- 20nos, IC 7408-20nos, IC 7400-20nos	0.50	Approved

*Handwritten signature and date: 18/6/23*

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		20A DPDT Switch [Knife type with brass connectors and brass bolt and nuts] – 5 Nos	0.75	Approved
		40 W tube light - 50 Nos, Tube light fitting Electronics Type 20 Nos	0.75	Approved
	IT	Consumable stationary items	0.20	Approved
		<b>Total</b>	<b>2.375</b>	
(ii)	<b>R &amp; D</b>	<b>Project Proposal to provide financial support to enhance Research &amp; Development Activities from various department</b>		
		<b>Project Title</b>	<b>Amount (in Lakhs)</b>	<b>Resolution</b>
		Reimbursement of Documentation and Processing fee for the patent received towards the project titled "Low Cost Vapour Recovery system" done by UG students of Mechanical Engineering	0.69	Approved for partial refund (for registration fee only)
		R & D proposal for the renewal of Patent by EEE Department at a cost of Rs.1,50,000/-	1.50	Approved subjected to approval from DOTE
		Financial support for the project titles "Micro drone based control for Surveillance" at a cost of Rs.10,500/-	0.105	Approved
		Funding for the project titled "Smart Orthotics" by 3 <sup>rd</sup> Year, EEE Students for Rs.10,000/-	0.10	Approved
		Funding for the project titled "Solar Charging Station" by 3 <sup>rd</sup> Year, EEE for Rs.1,30,000/-	1.30	Approved
		<b>Total</b>	<b>3.695</b>	
		The board suggested the following: <ul style="list-style-type: none"> <li>- More R &amp; D project should be encouraged</li> <li>- R &amp; D Proposals should be screened by a Technical committee constituted in the department.</li> <li>- Patent registration fee can be reimbursed 2 per department per year.</li> <li>- Encourage staff members to publish papers Scopus indexed/ high impact factor journals.</li> </ul>		
(iii)	<b>Civil Works</b>			
	<b>Department</b>	<b>Nature of Work</b>	<b>Amount (in Lakhs)</b>	<b>Resolution</b>
	<b>Civil Engg (UG) SM Lab</b>	Repair of roof slab in second year PG Structural Engineering class room, verandah slab near the computer centre and roof of contract laboratory	Estimate requested from PWD	Approved
		Repair in toilet block and water supply line for curing tank		Approved
		Construction of partition for staff cabin		Approved
	<b>Civil Engg (UG) Soil Lab</b>	Electrical Provisions for new highway laboratory	2.20	Approved
	<b>Civil Engg (PG)</b>	PWD Works- Granite topping	Estimate	Approved

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	<b>Env. Engg</b>	for work tables, Repairing and polishing of work tables, Tile flooring for Laboratory, Electrical Works	requested from PWD	
	<b>IBT</b>	Special Electrical repairs and installations in Biotech buildings	4.40	Approved
	<b>Physics</b>	Refurnish the research lab Partitions and roofs	10.00	Approved
The board approved all the civil works and insisted that it should be carried out by PWD through PWD funding or Institution fund as approved by DTE.				
(iv)	<b>Academic activities</b>			
	<b>Department</b>	<b>Nature of Work</b>	<b>Amount (in Lakhs)</b>	<b>Resolution</b>
	<b>Civil Engg (UG) SM lab</b>	Guest lectures on "Experimentation techniques for RC Structural element" by Dr. K. Umadevi, Prof., KCT College, Coimbatore	0.05	Approved
		Guest Lecture on Design of earthquake resistant structure by Dr. G. Hemalatha, Prof, KCT, Coimbatore	0.05	Approved
		Industrial Interaction training in modern construction techniques	0.30	Approved
	<b>Civil Engg (UG) Soil lab</b>	Special lecture on slope stability measure in hilly region		Approved
		Guest lecture on sustainability issues in geotechnical Engineering		Approved
		Faculty Development Program on "Advancement in Geophysical investigation"		Approved
		Industrial visit to Chennai for visiting the On-going pile integrity test		Approved
	<b>EEE</b>	National Conference NCEIS'23	1.00	Approved
	<b>ECE</b>	Conduct of one week Hands on Training on "Python based Machine Learning"		Approved
	<b>CSE</b>	Conduct of Workshop on "Cyber Forensic" for the students of B.E.CSE & M.E.CSE		Approved
		Conduct of workshop on "Foundation to website development" for Second year B.E. CSE Students		Approved

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		Conduct of workshop on "Soft-skill development" for B.E.CSE & M.E.CSE		Approved
		Art Exhibition on "Gaieties craft work exhibition"		Approved
	<b>IT</b>	Industrial Webinar on "Full Stack development – Industry perspective"		Approved
		Industrial Webinar on "Emerging Techniques in Data Science"		Approved
		Agon 2022 (Association Inauguration Event)		Approved
		Geekscoop 2023 (Intra Department Symposium)		Approved
		Technovate 2023 (Inter College Symposium)		Approved
		Student Workshop on Adobe Design tools		Approved
		MOU with Exterro Technologies		Approved
	<b>Physics</b>	Conduct two days National Conference on Advancements in Nanotechnology	3.00	Approved
<b>General recommendations</b>				<b>Resolution</b>
(i) Fixing up honorarium for expert members for BoG				Rs. 3000 to Rs.5000 is approved subjected to approval from DOTE
(ii) External Academic audits for NBA, NAAC, NIRF, etc., as Rs.5000/- per day.				Fixed as Rs.5000/- per day. Approved.
(ii) Fixing up financial support limit for conduct of academic events such as Seminar/workshop/guest lecturers etc., as Rs.15,000 per Department / Semester.				Approved
(iii)Resource person honorarium for lectures (Rs.600/- per hour to Rs.1000/- per hour) Subjected to a maximum of 3 hours.				Approved
(iv)Financial support for conference				One Lakh per department (Max. Limit)
(v)Training to Students a) Placement (Rs.15,000 per Department)/batch of students b) GATE (Rs.15,000 per Department) / year				Approved
<ul style="list-style-type: none"> <li>- The board suggested to form a core committee for improvement in NIRF ranking with experts.</li> <li>- Dr. S. Jayanthi, AD Polytechnic, mentioned that more CoE's are going to be implemented.</li> <li>- Dr. Arun Daniel, added that a strategic plan should be formulated.</li> </ul>				
40.1.4	<b>Physical Education</b>	<b>Particulars</b>	<b>Amount (in Lakhs)</b>	<b>Resolution</b>
		1. Increase in TA+DA+ First aid expenses for	29.00	Present DA rate of

	<p>the students and Physical Director. ( 5.50 lakhs)</p> <p>2. Purchase of Sports articles, Uniform and Gym equipment(10.60 lakhs)</p> <p>3. Marker's Salary: per day Rs.600/- x 26 days :15600 x 3 No's= Rs.46,800 per month(12 Months) (5.62 lakhs)</p> <p>4. Financial support for Ground Maintenance, Red soil, White Sand for Long Jump Pit, etc., (2.28 Lakhs)</p> <p>5. Annual Sports Day Expenses (5 Lakhs)</p>	<p>Rs.200/- may be retained. For Physical director, govt. norms will be followed.</p> <p>Approved and purchase should be made as per Govt. norms. To be discussed in the concerned forum</p> <p>Ground maintenance should be carried out by PWD – 2.28 Lakhs approved. Approved for a maximum limit of Rs.3 Lakhs</p>
40.1.5	<b>GCT Hostel Office</b>	<b>Resolution</b>
	<p>1. CCTC Camera to be installed as per the AICTE norms in all the seven boys' hostel.(24 Lakhs)</p> <p>2. Under emergency situation, failures such as Bore well motor &amp; pumps, main water pipe line, electrical main units, LPG gas pipelines, Blockage and Sewer lines and other sudden failures, an amount of Rs. 20,000/- per month may be utilized with principal permission with single quotation with reputed Companies/ agencies.</p> <p>3. For the Regular hostel workers, separate corpus fund to be created to settlement the Gratuity amount for the workers retirement or death during in service.</p> <p>4. Establishment fees (Rs.2,750/-) and Block development fees(Rs.3,250/-) collected from hostel students, is not sufficient to meet the expenses incurred for running the hostel and mess, so Block Dev. fees can be raised to Rs.4,250/-.</p> <p>5. Audit fees for five years (2.07 Lakhs)</p> <p>6. AMC for Water Doctor (0.72 Lakhs)</p> <p>7. Printing expenses for the Hostel Registers, Application forms etc., (1.20 Lakhs) may be printed in Government Press.</p>	<p>To be discussed in the concerned forum for final approval</p>
40.1.6	<b>GCT Office</b>	<b>Resolution</b>
	<p>1. Maintaining Rs. 10,00,000/- in the Tuition fees account from the total amount of Rs.9,88,21,326/- and transferring remaining Tuition fees received from Students to Corpus fund including the interest.</p> <p>2. Library fees, Education media service, Internet Society fee, University Cultural and Professional Society fee, Students Accident and Medical Relief fund, Registration and Enrolment fee deposited in the other fee account of</p>	<p>Approved</p> <p>Approved</p>

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	Rs.4,02,31,281/-. The interest amount received for the Other fees is Rs. 9,86,886/-. Approval is requested from the board to transfer the interest amount to corpus account. In addition to that maintaining Rs. 10,00,000/- in the other fee account and transferring 50% amount to corpus fund, remaining 50% to Staff Development fund is submitted for the approval from the Board.	
	3. Salary revision for daily wages staff (College & Library)	As per the Govt. norms and fund availability in the respective head of account.
	4. Appointment of Hourly basis staff for handling Tamil subjects as per revised curriculum – Ratification	Approved
40.1.7	<b>Any Other Item</b>	<b>Resolution</b>
	1. Ratification for the payment of NBA Fee for 4 UG Programmes	Approved
	2. NBA Visit expenditure	Approved
	3. NRSC: <ul style="list-style-type: none"> <li>i. Exemption of rent (audit para)</li> <li>ii. Salary revision for workers</li> <li>iii. Revision of rates for food items</li> </ul>	To be discussed in the concerned forum. Approved
	4. Discussion on Audit Queries and observations	
	5. Payment of Reg. fees for NAAC Visit Rs.1,25,000/- + GST	Approved

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**PRINCIPAL**  
**(Dr.K.Manonmani)**

**Principal**  
**Government College of Technology**  
**Coimbatore -641 013.**

*18/04/2023*

**CHAIRMAN**  
**(Er.K.P.Manoharan)**