

**Minutes**  
**28<sup>th</sup> Meeting of Board of Governors**  
**Held online on 15.03.2022 at 2 P.M**

**AGENDA**

<b>SL. No.</b>	<b>Item Description</b>	<b>Page No.</b>
1	Confirm the Minutes of 27 <sup>th</sup> Meeting of the Board of Governors on 09/02/2022	3
2	Review the actions taken report on the decisions in the 27 <sup>th</sup> Meeting of the Board of Governors.	3
3	Presentation of activity reports by nodal officers	
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4	Approval of activities under various heads.	17
5	Ratification of activities carried out.	18
6	Any other item permitted by the chair	19

**Members present.**

- 1. Dr. Ligy Philip, Professor, IIT Madras, Chairman**
- 2. Dr. Satish Vasu Kailas, Professor IISc Bangalore**
- 3. Shri. Ajayan C, Additional Secretary, Higher Education Department, Government of Kerala.s**
- 4. Sri. Anil Warriar, Global Talent Acquisition leader, Amazon Web Services, Bangalore.**
- 5. Dr. Ranjini Bhattathirippad, Principal, GEC Thrissur**
- 6. Dr. C.V. Lal, Prof. Civil Engg, GEC Thrissur**
- 7. Dr. Thajuddin Ahamed V I, Prof. Electronics and Communication Engg, GEC Thrissur**

The meeting commenced at 2.00 P.M. The principal welcomed the members and opined that the college is progressing in the right direction to meet the set targets before project closure period ends. Chairman welcomed all the members and noted that there has been a good progress since the last meeting and expressed the view that the same tempo will be maintained till the end.

The meeting then discussed the agenda items one by one.

**1. Approval of Minutes of 27<sup>th</sup> BOG Meeting held on 09.02.2022**

Draft Minutes of the Meeting was circulated among the members. It was put up for discussion and approval. The minutes was approved without any modifications.

**2. Review the action taken report on the decisions in the 27<sup>th</sup> meeting of the Board of Governors**

The following actions were taken.

No.	Decision item	Action taken	Action by
1	Survey on online classes conducted and its impact	The survey conducted received fairly good participation from students and results were presented in this meeting.	Nodal officer Academic, HoDs.
2	Expenditure increase in equipment related funds	An amount of Rs. 9573819/- in the replacement head and Rs. 658939/- in the maintenance head are in either expended state or to be spent by June 2022.	Nodal officer procurement, HoDs

**3. Presentation of activity reports by nodal officers**

**3.1 Presentation of Activity Report of the Academic unit**

Dr. Nowshaja P T, the Academic Nodal officer presented the report. As directed by BoG an online survey of the impact of conduct of classes in online mode was done. The questionnaire used for the same was

1. How do you feel overall about online learning?

Poor – Below Average – Average – Good – Excellent

2. Did you have access to a device for learning online?

Yes - Yes, but it doesn't work well - No, I share with others

3. What device did you use for distance learning?

Laptop – Desktop – Tablet – Smartphone

4. How much time did you spend each day on an average on distance education?

1-3 hours ; 3-5 hours ; 5-7 hours ; 7-10 hours ; 10+ hours

5. How effective has remote learning been for you?

Not at all effective - Slightly effective - Moderately effective - Very effective - Extremely effective

6. How helpful your college has been in offering you the resources to learn from home?

Not at all helpful - Slightly helpful - Moderately helpful - Very helpful - Extremely helpful

7. Did you enjoy learning remotely?

Yes, absolutely - Yes, but I would like to change a few things - No, there are quite a few challenges - No, not at all

8. How helpful were your teachers while studying online?

Not at all helpful - Slightly helpful - Moderately helpful - Very helpful - Extremely helpful

For remaining questions, a grading scheme of 1 to 5 was used.  
(Consider 5 being extreme and 1 being not at all)

9. How stressful was distance learning for you during the COVID-19 pandemic?

10. How well could you manage time while learning remotely?

11. How peaceful was the environment at home while learning?

12. Were you satisfied with the technology and software you were using for online learning?

13. How important was face-to-face communication for you while learning remotely?

14. How often did you talk to your classmates?

15. How often did you have a 1-1 discussion with your teachers?]

Around 1700 students participated in the survey. The results are presented in Annexure 2.

*The results were analysed and were found to be commensurate with students of other institutions as well, i.e. who had to go through the pandemic period. Shri Anil Warriar opined that the stress to students undertaking online classes should be addressed specifically and due care should be given to the needy.*

### **3.2 Presentation of Activity Report on Procurement**

Prof. Ramasubramaniam presented the report of the procurement unit. It was stated that an amount of Rs. 5733189 (Rupees Fifty seven lakhs thirty three thousand one hundred and eighty nine only) is so far been spent. This includes an amount of Rs.5492571 (Rupees Fifty four lakhs ninety two thousand five hundred and seventy one only) from the replacement fund and Rs 240618 (Rupees Two lakhs forty thousand six hundred and eighteen only) from the maintenance fund. An amount of Rs. 4530826 (Rupees Forty five lakhs thirty thousand eight hundred and twenty six only) has been approved by the BOG for replacement and maintenance. The proposals for the above are under processing. Further, proposals for an estimate amount of Rs.2951870 (Rupees Twenty nine lakhs fifty one thousand eight hundred and seventy only) for the replacement and maintenance of the equipments are included in the plan.

The Department wise details of the items and the amount spent and estimated amount are as shown below:

<b>Civil Engineering</b>				
<b>Sl No.</b>	<b>Item Description</b>	<b>Amount spent in Rs</b>	<b>Approved proposals</b>	<b>Plan</b>
<b>Replacement</b>				
1	Laptops (1 No)	59038		
2	Desktop computers	48927		
3	Remote sensing and photogrammetry suite	708000		
4	Desktop Dell OptiPlex -High End - 3010			200000
5	Laptop -HCL MC-L1065			420000
6	Laptop Dell Vostro			
<b>Total</b>		<b>815965</b>	<b>0</b>	<b>620000</b>
<b>Maintenance</b>				
1	Load Frame		47562	
2	Consolidation Testing Apparatus		37158	
3	Pressure Volume Change Controller		45703	
4	Repair charge -Projector	4285		
5	Pure rotary Bending Machine -PQ 6 - Serial No.051014		14500	
<b>Total</b>		<b>4285</b>	<b>144923</b>	<b>0</b>

<b>Mechanical Engineering</b>				
<b>Sl No.</b>	<b>Item Description</b>	<b>Amount spent (Rs)</b>	<b>Approved proposals</b>	<b>Plan</b>
<b>Replacement</b>				
1	Desktop Computers (7 Nos)	368431		
2	Tribometer	44840		
3	Laptops (14 Nos)	272440		
4	Battery replacement	4000		
5	Vibration Analyser -Field Paq-Serial No.05000309),		802100	
6	Rapid Photo Typing machine - Desktop 3D printer , Structured light Scanner , DAVID SL SCANNER - Serial No.1083760, EYK 2801001207 , ABOBB5901		625000	
7	Desktop High End Computer -		623337	
<b>Total</b>		<b>689711</b>	<b>2050437</b>	<b>0</b>
<b>Maintenance</b>				
1	Maintenance Charge Vibration Analyser	5000		
2	Maintenance of Printer			2000
3	Maintenance of Lathe and shaping machine			20000
<b>Total</b>		<b>5000</b>		<b>22000</b>

<b>Electrical and Electronics</b>				
<b>Sl No.</b>	<b>Item Description</b>	<b>Amount spent (Rs)</b>	<b>Approved proposals</b>	<b>Plan</b>
1	Upgradation of PSIM Software	1259055		
2	Replacement of Laptop computers			102620
3	Replacement of Desktop Computers			247188
<b>Total</b>		<b>1259055</b>	<b>0</b>	<b>349808</b>

<b>Production Engineering</b>				
<b>Sl No.</b>	<b>Item Description</b>	<b>Amount spent (Rs)</b>	<b>Approved proposals</b>	<b>Plan</b>
<b>Replacement</b>				
1	Laptops(8Nos)	236152		
2	Surface Roughness Tester	523802		
3	Desktop Computers		329584	
<b>Total</b>		<b>759954</b>	<b>329584</b>	
<b>Maintenance</b>				
1	UPS Maintenance Charge -(15	14300		

	KVA) TECHSER 15, Serial No.MY 1307001		
2	Computer chair Repair charge		8260
<b>Total</b>		14300	8260

<b>Chemical Engineering</b>				
Sl No.	Item Description	Amount spent (Rs.)	Approved proposals	Plan
<b>Replacement</b>				
1	Laptops (3 Nos)	177114		
2	Printer Replacement	14900		
3	Desktop Computer Medium End-OptiPlex 3010 – 10 Nos.		427990	
<b>Total</b>		<b>192014</b>	<b>427990</b>	
<b>Maintenance</b>				
1	Gas Chromatograph (Air Refilling)	9211		
2	Laptop Maintenance Charge	4450		
3	Repair charge of Desktop Computer	4750		
4	Maintenance Charge Laptop	4200		
5	Rheometer -Maintenance Charge	60100		
6	Gas Chromatograph (Air Refilling)	4130		
7	Multimedia Projector -EBSON-EB4702 57JF270224L		5000	
8	Repair and Maintenance -Rheometer -(Model No. MCR 102- Serial No.81312832		59000	
9	Gas Chromatograph - No.40695744 (Claurus 580)		104628	
<b>Total</b>		<b>86841</b>	<b>168628</b>	

<b>Electronics and Communication</b>				
Sl No.	Item Description	Amount spent	Approved proposals	Plan
<b>Replacement</b>				
1	Multimeter	11682		
2	Desktop – 8 Nos	318376		
3	CRO-2		44320	
4	Digital Multimeter-2		97200	
5	Digital Oscilloscope-1		79590	
6	Power Supply-8		261030	
7	Function Generator		34755	
8	Projectors		108073	
9	Printers			29500
<b>Total</b>		<b>330058</b>	<b>624968</b>	<b>29500</b>
<b>Maintenance</b>				

1	Universal IC tester	5705		
2	Gunn Power supply		9335	
3	Optical Power Meter		12375	
4	Function Generator		12000	
5	Power supply		12000	
6	Furniture Maintenance	4100		
<b>Total</b>		<b>9805</b>	<b>45710</b>	

### Computer Science and Engineering

Sl No.	Item Description	Amount spent (Rs)	Approved proposals	Plan
<b>Replacement</b>				
1	Laptops (14 Nos)	562670		
2	Laptop Computers - Dell Vostro 2420		337602	
3	Desktop Computers - Dell OptiPlex 3010		147440	
4	Printers -HP Laser Jet 1020 Plus, HP Laser Jet 1020 plus, Canon 3500DN, Epson Dot Matrix LQ2090 (4 Nos)			122778
5	Replacement of 10KVA online UPS with tubular Batteries - 2 Nos			198000
6	Replacement of Laptop computers - 12 Nos			675204
7	Replacement of Desktop Computers			442320
8	Replacement of Computer Revolving Chairs			140000
9	Replacement of Computer Tables			100000
10	Replacement of One Multimedia Short Throw Projector Epson EB 470 I			145000
<b>Total</b>		<b>562670</b>	<b>485042</b>	<b>1823302</b>
<b>Maintenance</b>				
1	Maintenance Of Laptops	4400		
2	Maintenance Of Laptops	5300		
3	Repair charge-UPS	12600		
4	Computer Chair		11800	
<b>Total</b>		<b>22300</b>	<b>11800</b>	

<b>Institution</b>					
Sl No.	Item Description	Amount spent (Rs)	Approved proposals	Plan	Dept.,
<b>Replacement</b>					
1	UPS	6505			Chemistry
2	UPS Battery Replacement	12600			Chemistry

3	Replaced Three Glass Electrodes	10710			Chemistry
4	Desktop computers	270036			CCF
5	Printers	119610			CCF
6	Desktop Computers	463683			CCF
7	4-Digit Electronic Balance (ACZET-CY224C) and 2- digit Electronic Balance (Precision Balance ACZET -CG302) (CYBER LAB US 600G - 0000596,594) SHIMADZU ATY 224 -0307500693		197744		Chemistry
8	20KV UPS Replacement			99000	CCF
<b>Total</b>		<b>883144</b>	<b>197744</b>	<b>99000</b>	
<b>Maintenance</b>					
1	UPS Maintenance Charge	1500			CCF
2	UPS Maintenance Charge	1000			CCF
3	Tally Software Maintenance	9197			Institution
4	Computer Maintenance Charge	7640			Institution
5	Fire and Safety Equipments -Refill for ABC Dry powder Extinguisher	69700			Institution
6	UPS Maintenance Charge	9050			CCF
8	Computer Chair		32000		CCF
9	Spectrometer		12000		Physics
<b>Total</b>		<b>98087</b>	<b>44000</b>		

The details of amount spent and estimated amount for replacement and maintenance of equipments in each department are also shown below.

Department	Name of the fund	Amount spent (Rs)	Approved proposals (Rs)	Plan (Rs)
Civil	ERF	815965	0	620000
	EMF	4285	144923	0
Mechanical	ERF	689711	2050437	0
	EMF	5000	0	22000
Chemical	ERF	192014	427990	0
	EMF	86841	168628	0
Electrical and Electronics	ERF	1259055	0	349808
	EMF	0	0	0
Electronics and communication	ERF	330058	624968	29500
	EMF	9805	45710	0
Production	ERF	759954	329584	0
	EMF	14300	0	8260
Computer Science	ERF	562670	485042	1823302
	EMF	22300	11800	0



Institution	ERF	883144	197744	99000
	EMF	98087	44000	0
<b>Total</b>		<b>5733189</b>	<b>4530826</b>	<b>2951870</b>

### 3.3 Presentation of Activity Report of III Cell

Programs Conducted

SL No.	Name of the Expert	Name of the Topic	Dept.,	Coordinator	Amount
1	Mr.Jameskutty Thomas., Electrical Inspector (Rtd.,)	Over voltage protection and earthing in power system	EEE	Mr.Sreenath B., Asst.Prof.,	3000

### 3.4 Presentation of Finance Activity Report for the period upto March 14<sup>th</sup> 2022

The expenditure as on today, department wise is given below.

Department	Expenditure upto 27 <sup>th</sup> BoG	Expenditure since 27 <sup>th</sup> BoG	Cumulative expenditure as on 14.03.2022
Mechanical Engg.	1479276	47350	1526626
Civil Engg.	712225	781480	1493705
Electrical and Electronics Engg.	831929	1322899	2154828
Electronics and Communication Engg.	872934	4720	877654
Chemical Engg.	712244	147520	859764
Computer Science & Engg.	771047	4470	775517
Production Engg.	427727	540102	967829
Institution	1343863	860993	2204856
<b>TOTAL</b>	<b>7151245</b>	<b>3709534</b>	<b>10860779</b>

At present, the funds available under the various heads are

- Corpus Fund : Rs.47,43,665/-
- Faculty & Staff Develop. Fund : Rs.52,15,792/-

- Maintenance Fund : Rs.65,34,590/-
- Equipment replacement : Rs.14,09,902/-
- Total : Rs.179,03,749/-

The detail of the expenditure pattern and plans for spending the remaining amount in future is as given on next page.

TEQIP II FOUR FUNDS UTILIZATION									
Monthly Financial Management Report (Activity and Sub-Activity wise)									
TEQIP II Sub-component 1.1									
Name of the Institution: Govt. Engg. College Thrissur									
Name of the Fund	Category of expenditure (Head of expenditure)	Sub-Activity	Expenditure on 31.12.2020	Expenditure for the period 01.01.2021 to 20.11.2021	Total Expenditure up to 31.01.2022	Expenditure in Pipeline	planned expenditure up to the month of March 2023	Total	
1	2	3	4	5	6=(4+5)	7	8	9=(6+7+8)	
Corpus Fund	Academic support for students	Expenditure incurred on research projects taken by UG/PG students	290478	23810	314288	1920000	420000	2654288	
		Expenditure incurred on research publications	293332	20790	314122	0	1000	315122	
		Remedial Class	61800	0	61800	0	0	61800	
		Visiting Faculty	305984	3000	308984	538500	0	847484	
		Industry Institute Interaction	44753	9950	54703	560000	15000	629703	
		Skill Development & Others	93567	0	93567	0	2067550	2161117	
		<b>Total</b>	<b>1089914</b>	<b>57550</b>	<b>1147464</b>	<b>3018500</b>	<b>2503550</b>	<b>6669514</b>	
	Incremental operating cost	Salary	613510	17020	<b>630530</b>	<b>340000</b>	0	970530	
		BoG meetings	170374	0	<b>170374</b>	<b>200000</b>	0	370374	
		Stationary and other expenses	29386	2730	<b>32116</b>	<b>10000</b>	0	42116	
		Others	107223	0	<b>107223</b>	<b>0</b>	15452	122675	
	<b>Total Utilisation from Corpus Fund</b>			<b>1860594</b>	<b>2010407</b>	<b>77300</b>	<b>2087707</b>	<b>3568500</b>	<b>2519002</b>

Faculty Development Fund	FSD	Expenditure on faculty members attended training in subject domain	425967	80780	506747	171440	182999	861186
		Expenditure on faculty members attended pedagogical training	26663	0	26663	0	0	26663
		Expenditure on organising inhouse subject area training programmes/workshops/seminars/conferences etc	562269	42884	605153	720000	3048900	4374053
		Expenditure on participation by faculty in external seminars/conferences/workshops etc	709082	33340	742422	11800	23000	777222
		Expenditure on staff development	43072	0	43072	0	0	43072
		Others	747946	367880	1115826	563750	618000	2297576
		<b>Total</b>	<b>2427390</b>	<b>2514999</b>	<b>524884</b>	<b>3039883</b>	<b>1466990</b>	<b>3872899</b>
Equipment Replacement Fund	ERF	Equipment	2399521	3093050	3525516	4115765	2921610	10606891
		Books	0	0	0	0	0	0
		Software		0	1967055	0	0	1967055
		Furniture	0	0	0	0	0	0
		Others	0	0	0	0	0	0
<b>Total</b>	<b>2399521</b>	<b>3093050</b>	<b>5492571</b>	<b>4115765</b>	<b>2921610</b>	<b>12573946</b>		
Equipment & Civil Maintenance Fund	ECMF	Equipment Maintenance	226318	14300	240618	415061	30260	680939
		Civil Works	0		0	0	0	0
		Others	0		0	0	0	0
<b>Total</b>	<b>218088</b>	<b>226318</b>	<b>14300</b>	<b>415061</b>	<b>30260</b>	<b>22000</b>		
<b>Grand Total</b>		<b>7151245</b>	<b>3709534</b>	<b>10860779</b>	<b>9566316</b>	<b>9343771</b>	<b>29770866</b>	

#### 4. Approval of activities to be carried out under various heads.

##### 4.1 Faculty Staff Development – Expenditure on conduct of STTPs

Sl No.	Name of the Programme	Date of the Programme	Coordinator	Dept.	Amount
1	Hands-on programme on Electronic circuit design and simulation	04-09 April 2022	Dr.Nelson K.J., Asst.Prof., M.Sajithkumar., Trade Instructor.,	ECE	394900
2	Building Information Modelling	04-08 April 2022	Deepak B., Asst.Prof., Renjith S.Anand., Asst.Prof.,	CE	154000
					548900

##### 4.2 Research Projects – UG Students

SL No.	Name of the students	Name of the Faculty Member	Dept.,	Name of The research Project	Amount
1	Karthik V.,Ninan Joy P., Niveditha S., Pareekshith Sundar	Mr.Prasanth A,B., Asst.Prof.,	ME	Design and Fabrication of Counter for thermistor sensors	20000
2	Abith Sunil., Athulya K.S., Jerome Biji Joseph., Jyothisna T.U.,	Dr.P.A.Soloman., Prof.,	ChE	Extraction and characterization of nanocrystalline cellulose from plant precursors-watermelon rind and water hyacinth leaves	20000
3	Aiswarya sreeni., Ashique Usman P.K., Farha Haneef., Gopika Gopan O.G.,	Mr.Deepak B., Asst.prof.,	CE	Breathing Bricks – Manufacturing and Evaluation of Performance	20000
4	Sreelakshmi U.Menon., T.K.Jyothis Raj., Vinil K., Sachin Thulasi.,	Mr.V.T.Ajaykumar	CE	Conversion of Multi – layered plastic to flooring tiles	20000
5	Hrishikesh N.Raj., Mridul Pradeep., Neha Sajid Chollampattu	Mr.Gopi C., Asst.Prof.,	ECE	Heads-up display system for automobiles	20000
6	Puneeth P.R., Akash Ajith, Gokul,P.S.Amal Krishna	Ms.Subhija E.N., Asst.prof.,	ECE	Self balancing two wheeler minitature	11100
7	Abhijith valsan, Ajay Chandran, Anandakrishnan S., Henna A., Chiramel.,	Dr.A.R.Jayan., Prof.,	ECE	Multi functional robot for military applications	20000

8	Anuroop T.A., Jithu Jose., Shriram S., Sreehari S.,	Dr.A.R.Jayan., Prof.,	ECE	Estimating Traffic Density and Vehicle classification using signal processing	20000
9	Abhishek K., Ashwin Rajesh, Akin Mary, Harith Manoj.,	Mr.Mohamed Salih K.K., Asst.prof.,	ECE	CORDIC Coprocessor	18000
10	Chaithanya Mohan., Manjuma K., Shahaban K.S., Shankar Prasad	Dr.Nelson K.J., Asst.Prof.,	ECE	Blind Assistance System	20000
11	Malini A., Rahul K.L., Rahul Jose.,	Ms.Asha J., Asst.Prof.,	ECE	Automatic Music Accompaniment System	20000
12	Abhirami K.B., Akshay Krishnan R., Ameer Muhammed, Ayush Raveendranathan,	Mr.Nevin Jacob., K., Asst.Prof.,	EEE	Intelligent shopping Assistant	20000
13	Neda Sayed., Salman Farizi.,	Dr.Rajesh K.,Asst.prof.,	EEE	PWC Wireless charging system	20000
14	Krishnapriya K.S., Nandakumari N.,	Dr.Rajesh K.,Asst.prof.,	EEE	Smart Wireless charging control for power wheelchair	20000
15	Mohammed Fayas M., Paul B.Kalarikkal., Soumya Suresh Kumar., Yohan Sunil Tharakan.,	Mr.Mohammed Shareeq M.T.,Asst.Prof.,	EEE	Beach Cleaning Bot	20000
					289100

### 4.3 Research Projects – PG Students

SL No.	Name of the Students	Name of the Faculty Member	Dept.,	Name of The research Project	Amount
1	Melvin M. Thomas	Mr.Renjith V.B., Asst.Prof.,	ME	Synthesis and characterization of a novel composite for plastic gear applications	20000
2	Midhun T.M.,	Mr.Rahul K.R., Asst.Prof.,	ME	Experimental Investigation on Mechanical properties, wear characteristics and Microstructure of A356-Wc,Cenosphere hybrid composite	20000
3	Athira P.V.,	Ms.Asha J., Asst.Prof.,	ECE	Design and development of MPPT for ELVDC Microgrid	20000
4	Sreelakshmi H.,	Mr.K.K.Riyas., Asst.prof.,	ECE	Implementation of super capacitor based interim dynamic charging scheme for EVs”	20000

5	Priyaja K.,	Ms.Nissa Surling S.N., Asst.prof.,	ECE	Power factor correction using CCM with average current control method	20000
6	Aba Jabin A.,	Mr.K.K.Riyas., Asst.prof.,	ECE	Design and Implementation of primary side controlled wireless charging systems	20000
					120000

#### 4.4 III Cell programs

SL No.	Name of the Expert	Name of the Topic	Dept.,	Coordinator	Amount
1	Dr.Chandrasekharar Sr.Scientist., CDAC, Tvm.	Electric vehicle supply equipment with public metered outlet-types and variants for immediate need of nation	EEE	Dr.Rajesh K., Asst.prof.,	6000
2	Mr.Aneesh Rajendran., Energy Technologist, Energy Management Centre, Tvm.	Energy Management and MEP Projects	EEE	Ms.Divya N.A., Asst.Prof.,	6000
					12000

#### 4.5 Equipment Replacement

Sl No	Item Description	Identification No.	Dept.,	Quantity	Amount
1	Replacement of Laptop computers -12 Nos	TEQIP II/121/676,TEQIP II/121/678,TEQIP II/121/680,TEQIP II/121/682,TEQIP II/121/683,TEQIP II/121/684,TEQIP II/121/686,TEQIP II/121/690,TEQIP II/118/13,TEQIP II/118/15,TEQIP II/118/16,TEQIP II/118/18	CSE	12	675204
2	Replacement of Desktop Computers	TEQIP II/46/463,TEQIP II/46/464, TEQIP II/46/465,TEQIP II/46/466, TEQIP II/46/467,TEQIP II/46/468, TEQIP II/46/469,TEQIP II/46/471, TEQIP II/46/472,TEQIP II/46/474, TEQIP II/46/476,TEQIP II/46/478, TEQIP II/46/480,TEQIP II/46/481, TEQIP II/46/483	CSE	15	442320
3	Replacement of Laptop computers	TEQIP II/121/694 and TEQIP II/118/33	2	EEE	102620

4	Replacement of Desktop Computers	TEQIP II/46/537,TEQIP II/46/538, TEQIP II/46/539,TEQIP II/46/540, TEQIP II/46/541,TEQIP II/46/542	6	EEE	247188
5	Replacement of 20KVA online UPS3 phase ,360 VDC	TEQIP II/49/2105	1	CCF	99000
6	Printers – HP Laser jet 1020 Plus -2 and Epson Dot matrix LQ 2090 -4 and canon 3500DN -1	TEQIP II/119/651, TEQIP II/119/652, TEQIP II/119/661, TEQIP II/119/662, TEQIP II/119/663, TEQIP II/119/664, TEQIP II/119/644	7	CSE	122778
7	Desktop Dell Optiplex -High End -3010, Laptop -HCL MC-L1065, Laptop Dell Vastro	(TEQIP II/46/579 and TEQIP II/46/576, (TEQIP II/121/671,TEQIP II/121/670 & TEQIP II/121/674), (TEQIP II/118/31)	6	CE	620000
8	HP Printer – Model HP OJ7500A	TEQIP II/119/665	1	ECE	29500
	TOTAL				2338610

#### 4.6 Equipment Maintenance

Sl. No	Particulars	Identification No.	Quantity	Dept	Amount
1	computer chair maintenance	TEQIP II/82/260-274	15	PE	8260
2	computer chair maintenance	TEQIP II/82/88, 91,99,102,108,110,114,117,119, 123,125,127,131-134, 136,139,142,144	20	CSE	6490
2	printer maintenance	TEQIP II /119/657	1	ME	2000
3	Shaping Machine Maintenance	TEQIP II /103/2169	1	ME	20000
	TOTAL				36750

*The meeting approved all the above items for conduct and expenditure under the various heads mentioned against each.*

#### 5. Ratification of activities carried out

##### 5.1 Faculty Staff Development – Expenditure on participation by faculty in external seminars/ conferences/workshops



SL No.	Name of the Faculty Member	Dept.,	Name of The programme	Reg Fee
1	Mr.Anwar Sadique., Asst.Prof.,	ME	Paper titled “Fault diagnosis of super gear using machine learning” accepted in the International conference on Aerospace and Mechanical Engineering –(ICAME 21 ) ME Dept., Dec 16-18 2021 at TKM College of Engineering Kollam,	7000
2	Ms.Jiji Gopan., Asst.Prof.,	CE	Paper titled “monitoring of shoreline fluctuation using ArcGIS and prediction of future sea level rise and shoreline change in the 4 <sup>th</sup> International conference on Innovations in civil engineering at SCMS School of Engineering and Technology, Ekm held online on 14 <sup>th</sup> to 15 <sup>th</sup> Jan 2022	8000
				15000

### 5.2 Research Seed Money proposals

Sl No.	Name of the Faculty Member	Dept.,	Name of the Project	Estimate amount
1	Dr.Praseeetha P.Nair., Asso.prof.,	ChE	Development of polymer nanocomposites with enhanced mechanical and biological properties”	200000
2	Dr.Arun M.S., Asst.Prof.,	ME	Enhancing the mechanical and tribological properties of Aluminium alloy by reinforcing with High Entropy Alloy(HEA) particles”	199000
3	Mr.Prasanth A.B., Asst.Prof.,	ME	Mechanical characterization of AA-6061 hybrid metal matrix composite fabricated by stir casting using novel impeller”	200000
				599000

### 5.3 Paper presentation - students

SL No.	Name of the student	Dept.,	Name of The programme	Reg Fee
1	Ms.Jismy Antony., Research Scholar.	CE	Paper titled “Application synthesised zero-valent iron nanoparticles for iron removal from aqueous system	1000

### 5.4 III Cell programs

SL No.	Name of the Expert	Name of the Topic	Dept.,	Coordinator	Amount
1	Mr.Jameskutty Thomas., Electrical Inspector (Rtd.,)	Over voltage protection and earthing in power system	EEE	Mr.Sreenath B., Asst.Prof.,	3000

### 5.5 Students participated in NPTEL courses

SL No.	Name of the student	Dept.,	Name of The programme	Reg Fee
1	Ms.Ayshath Baadira K.B., B.tech student	CE	NPTEL Online Mooc Course "Integrated waste management for a smart city	1000

### 5.6 IEEE Membership reimbursement

SL No.	Name of the Faculty Member	Dept.,	Reg Fee
1	Dr.Suresh K.Damodaran., Asso.Prof.,	EEE	2920
2	Ms.Divya N.A., Asst.Prof.,	EEE	3174.
3	Dr.Rameshkumar., Asst.Prof.,	EEE	3170.
4	Ms.M.J.Laly., Asst.Prof.,	EEE	2938
	Mr.Joseph K.D., Asst.Prof.,	EEE	2938
	Total		15140

*All the above items were ratified.*

### 6. Any other item permitted by the chair

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