

**28th MEETING OF
THE BOARD OF GOVERNORS
AGENDA NOTES**



Date: 20.09.2022 Time: 2.30 pm

Venue: Conference room, GEC Kozhikode

GOVERNMENT ENGINEERING COLLEGE KOZHICODE

West Hill, Kozhikode-673005, KERALA

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BACKGROUND

The 28th meeting of the Board of Governors of GEC Kozhikode is being convened on the 20th of September 2022, focussing on academic activities, development initiatives and activities of TEQIP II. The agenda items are given below:

Agenda Items

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PART A

(Procedural)

A1. CONFIRMATION OF THE MINUTES OF THE 27TH MEETING OF THE BOARD OF GOVERNORS HELD ONLINE ON 17.02.2022.

The Minutes of the 27th Meeting of Board of Governors of GEC Kozhikode held online on 17.02.2022 was sent to the Chairman and upon his consent, copies were circulated among the other members of the BoG. A copy of the Minutes is given in Appendix I for confirmation.

PART B

B1. BRIEF SUMMARY ON THE CURRENT STATUS OF THE INSTITUTION.

The Government Engineering College Kozhikode started functioning in the year 1999 with three B. Tech. Courses, Applied Electronics and Instrumentation Engineering, Chemical Engineering and Mechanical Engineering. In the progressive path of the Institution, B. Tech Courses in Civil Engineering (2006) and Electronics and Communication Engineering (2012), M. Tech. Programs in Computer Aided Process Design (2011), Energy systems -Analysis and Design (2012) and Signal Processing (2012) were commenced. Two new courses, namely B. Tech in Computer Science and Design (Intake strength 60) and M. Tech in Structural Engineering (Intake strength of 18) are sanctioned by Government this year. AICTE approval and NOC from KTU are also received for these two programs. Hence, this academic year onwards, the Institution will admit students to 6 UG and 4 PG programs.

The UG programs in Applied Electronics and Instrumentation Engineering, Chemical Engineering, Civil Engineering and Mechanical Engineering are accredited by NBA for three years from 2017-18 to 2019-20 and subsequently extended the accreditation for 3 more years up to 30.06.2023. The SAR for the accreditation of the B. Tech. Program in Electronics and Communication is submitted on 20.02.2020. The SAR for the accreditation of M. Tech programs in Computer Aided Process Design and Energy Systems Analysis and Design are submitted on 21 June 2021. The NBA visit for all programs is expected during September-November 2022.

UG Programs

Sl. No.	UG Program (Sanctioned Intake of 60)	Year of Starting	Status of Accreditation
1	Applied Electronics and Instrumentation Engineering	1999	Accredited till 30 June 2023
2	Chemical Engineering	1999	Accredited till 30 June 2023
3	Civil Engineering	2006	Accredited till 30 June 2023
4	Mechanical Engineering	1999	Accredited till 30 June 2023
5	Electronics and Communication Engineering	2012	Applied for accreditation- NBA Visit is expected in September/November 2022.
6	Computer Science and Design	2022	NA

PG Programs

Sl. No.	PG Program (Sanctioned intake of 18)	Year of Starting	Status of Accreditation
1	Computer Aided Process Design (Chemical Engineering)	2011	SAR Submitted on 21-6-2021. NBA Visit is expected in September/November 2022.
2	Energy systems - Analysis and Design (Mechanical Engineering)	2012	SAR Submitted on 21-6-2021. NBA Visit is expected in September/November 2022.
3	Signal Processing (AE&I)	2012	Not eligible
4	Structural Engineering (Civil Engineering)	2022	NA

B2. CURRENT FACULTY POSITION OF THE INSTITUTION

Total sanctioned faculty posts	: 83
Based on additional work load	: 13
Total	: 96
Permanent Faculty available	: 74
Faculty with Ph.D. qualification	: 38

Mechanical Engineering Department (Sanctioned – 18, Additional work load -3, Total – 21, Ph.D. –11)					
Faculty	Sanctioned Nos.	Available Nos.	Qualification	Vacancy No.	Vacancy Nature
Professor	2	2	2 Ph.D.	0	-
Associate Professor	5	5	5 Ph.D.	0	-
Assistant Professor	11	11	3 Ph.D.	0	-
Ad hoc faculty	3	3	1 Ph.D.	0	-

Chemical Engineering Department (Sanctioned – 16, Additional work load -1, Total – 17, Ph.D. - 7)					
Faculty	Sanctioned Nos.	Available Nos.	Qualification	Vacancy No.	Vacancy Nature
Professor	2	2	2 Ph.D.	0	-
Associate Professor	4	4	4 Ph.D.	0	-
Assistant Professor	10	6	1 Ph.D.	4	2 QIP 2 Open
Ad hoc faculty	1	5	M. Tech	0	-

Civil Engineering Department (Sanctioned – 14, Additional work load -0, Ph.D. - 5)					
Faculty	Sanctioned Nos.	Available Nos.	Qualification	Vacancy No.	Vacancy Nature
Professor	1	1	1 Ph.D.	0	-
Associate Professor	3	3	3 Ph.D.	0	-
Assistant Professor	10	7	1 Ph.D.	3	Open
Ad hoc faculty	0	3	M. Tech	0	-

Applied Electronics Department					
(Sanctioned – 23, Additional work load -4, Total – 27, Ph.D. - 7)					
Faculty	Sanctioned Nos.	Available Nos.	Qualification	Vacancy No.	Vacancy Nature
Professor	2	2	2 Ph.D.	0	-
Associate Professor	6	4	4 Ph.D.	2	1-Deputation, 1-Transfer
Assistant Professor	15	15	1 Ph.D.	0	-
Ad hoc faculty	4	6	M. Tech	0	-
Electrical and Electronics (Sanctioned -3, Ph.D. - 1)					
Associate Professor	1	1	1 Ph.D.	0	-
Assistant Professor	2	2	M. Tech.	0	-

Applied Science Department (Sanctioned - 13, Ph.D. - 7)					
Faculty	Sanctioned No.	Available No.	Qualification	Vacancy No.	Vacancy Nature
Mathematics	4	4	3 PhD, 1 MSc	0	-
Physics	1	1	M. Phil.	0	-
Chemistry	3	3	3 Ph.D.	0	-
Physical Education	1	1	1 Ph.D.	0	-
Ad hoc faculty	5	Mathematics - 2 Physics - 1 English - 1 Economics - 1			-

B3. REVIEW OF ACTIONS TAKEN ON THE DECISIONS OF 27TH BOG MEETING

Re appropriation of Four Funds	Re appropriation done for smooth progress of TEQIP activities
Commencement of B. Tech Program in Computer Science and Design, and M. Tech Program in Structural Engineering. (26 th BOG meeting)	Government approval received.

B4. REPORTS ON ACTIVITIES

B 4.1.Result Analysis

UG Pass percentage of 2018 - 2022 batch (Graduated Students)

Sl. No.	Branch	Pass %	State average %	Number of Honours
1	Applied Electronics and Instrumentation Engineering	64.18	42.86	1
2	Chemical Engineering	54.10	52.73	7
3	Civil Engineering	67.19	50.01	9
4	Mechanical Engineering	57.81	36.55	7
5	Electronics and Communication Engineering	54.55	49.09	8

B 4.2. Placement / Higher Studies Statistics

Higher Studies Statistics

No. of Students Appeared/Qualified in GATE 2022

Programme	CE	ME	CH	AE&I	EC
No. appeared for GATE 2022	29	20	36	33	10
Qualified in GATE 2022	4	1	1	2	4

Placements

Placements of UG Students 2018-22 batch

Programme	CE	ME	CH	AE&I	EC
No. of students placed	16	9	12	26	27

Placements - Comparison

Year of graduation	Total no. of students	No. of campus placements	% Placement
2022	368 (324 UG, 44 PG)	101 (90 UG, 11 PG)	26.63
2021	374 (329 UG, 45 PG)	88 (86 UG, 2 PG)	23.52
2020	360 (325 UG, 35 PG)	83 (78 UG, 5 PG)	23.05

Companies that offered Placements includes: Infosys, Wipro, Cognizant, Capgemini, UST Global, Aarbee Structures, L&T Construction, Byjus, Quest, TCS (Ninja), WalkaroO

B 4.3.Placement trainings for students*

Sl. No.	Trainings Offered	Period	Mode	Cost (INR)	Trainer details	No of Students benefitted
1	Placement Training	20-25 Sep. 2021	Online	25, 075/-	Jay's Academy	280
2	Placement Training	28-30 April 2022	Offline	1, 12, 500/-	Jay's Academy	300
3	TCS Pattern Training	16&17, 23&24, July 22	Offline	80,000/-	Jay's Academy	200

*Expenses met from PTA Welfare fund

B 4.4.Alumni Activities

Event	Objective	Date	Alumni Details
ALUMNI Annual meet	Annual general body meeting	08-05-22	150 alumni and family members attended
NRI Meet	Interactions	11-08-22	14 alumni and family members attended
AEI Association Inauguration	Motivating the students	24-05-22	Mr. Sooraj S. and Mr. Saiffudin A.H., working in BPCL
Chemical Engineering Association Inauguration	Motivational talk and key address on the topic 'Role of Chemical Engineers in space'	23-05-22	Mrs. Ambili, Scientist VSSC, Thiruvananthapuram
Chemical Engineering Department visit- Project evaluation	Motivational talk and discussion on placement and research opportunities	27-06-22	Dr. Abdul Habid Pullicholla, Senior Manager: Process and Technology, Saint-Goban Abrasives, Bangalore
Inauguration of Association of Mechanical Engineering Students	Talk on Building services industry and related career planning	27-07-22	Mr.Fasal Rahman, Operations Director, Unicorn Group of Companies, India & UAE (B.Tech Mechanical 2004 Batch)

B 4.5. Faculty Publications from December 2021

Department: **Mechanical Engineering**

Sl No.	Title of the paper	Name of Faculty	Details of Journals/Conferences
1	Workplace-based assessment and intervention design for waste sorting tasks in a developing country	Francis J Emmatty	Emmatty, F. J., & Panicker, V. V. (2022). <i>Sādhanā</i> , 47(1), 1-13.
2	Ergonomic risk and physiological assessment of plugging activity	Francis J Emmatty	Raghavan, R., Panicker, V. V., & Emmatty, F. J.(2022). <i>Work</i> , (Preprint), 1-12.
3	A Study on Waste Loading Task and Influence of Waste Container Size	Francis J Emmatty	Emmatty, F. J., & Panicker, V. V. (2022). In <i>Technology-Enabled Work-System Design</i> (pp. 121-129). Springer, Singapore.
4	Exploratory Study on Occupational Health and Work Environment Among Waste Management Workers in Kerala	Francis J Emmatty	Panicker, V. V., & Emmatty, F. J. (2022). In <i>Technology Enabled Ergonomic Design</i> (pp. 267-276). Springer, Singapore.

Department: **Chemical Engineering**

Sl. No.	Title of the paper	Name of Faculty	Details of Journals/Conferences
1	Creating Awareness of Deadly Cytokine Storm to Common People and A Self Case Study	Prof. Aparna A.M.	<i>International Journal of Life scienceand Pharma Research</i>
2	Influence of internal circulation on absorption of atmospheric CO ₂ and SO ₂ in rain drops	Dr. Binu T.V.	<i>International Journal of Fluid Mechanics Research</i> , 49(3), 31-42, 2022
3	A comprehensive review on the hydrodynamics, mass transfer and chemical absorption of CO ₂ and modelling aspects of rotating packed bed	Prof. Dhaneesh K.P.	<i>Separation and Purification Technology</i>

Department: **Civil Engineering**

Sl. No.	Title of the paper	Name of Faculty	Details of Journals/Conferences
1	Water Demand Prediction: A Novel Approach Using Artificial Neural Network	Shyba A.	International Conference on Emerging Trends in Engineering – Yukthi 2022
2	Experimental evaluation of the effect of infill in the dynamic responses of multi-storied structures	Dr.Rahmathulla Noufal.E	Elsevier Materials Today ,Elsevier 5 July 2022
3	Influence of Socio-Demographic Characteristics On Activity Travel Behaviour Of Commuters In A Medium Sized City In India	Dr Sreela P.K. & MVL R Anjaneyulu	International Journal for Transport and Traffic Engineering

Department: **Applied Electronics and Instrumentation Engineering**

Sl. No.	Title of the paper	Name of Faculty	Details of Journals/Conferences
1	Modified Wiener filtering Techniques for Image Reconstruction	Fathima Remsheela, Shajee Mohan B S	TENCON2022, IEEE Region 10 Conference, Hongkong, November 01-04, 2022.(Accepted for presentation)
2	Modified Richardson Lucy Deconvolution Algorithm for Image Restoration	Jaliba Sherin, Shajee Mohan B S, Ahammed Muneer K V	TENCON2022, IEEE Region 10 Conference, Hongkong, November 01-04, 2022.(Accepted for presentation)
3	Diabetic Retinopathy Classification based on Segmented Retinal Vasculature of Fundus Images using Attention U-NET	Fousiya T T, Ahammed Muneer K V	TENCON2022, IEEE Region 10 Conference, Hongkong November 01-04, 2022.(Accepted for presentation)
4	Efficient unsupervised Partial Discharge Detection using Empirical mode Decomposition and Clustering	Babitha P Nair, Baburaj M and Anjith K M	INDICON 2022, IEEE 19 th India Council International Conference, November 24-26, Cochin-Kerala. (Accepted for presentation)
5	RPCA and Wavelet Packet Decomposition based Network Traffic Anomaly Detection	C S Saithalakshmi, Dr. Baburaj M, Arya C V and Aswathy G	INDICON 2022, IEEE 19 th India Council International Conference, November 24-26, Cochin-Kerala.(Accepted for presentation)

Department: **Applied Science**

Sl. No	Title of the paper	Name of Faculty	Details of Journals/Conferences
1	Design, synthesis, crystal structure, antitumour and antimicrobial evaluation of a novel substituted pyrazole and its some metal complexes	K. Subin Kumar	Material Today: Proceedings 62(2022) 5427-5433, ELSEVIER
2	<i>Adsorption of Cationic Dye onto ZSM-5 Zeolite-Based Bio Membrane: Characterizations, Kinetics and Adsorption Isotherm</i>	Jasila.K	Journal of Polymers and the Environment, (2022). https://doi.org/10.1007/s10924-022-02421-5
3	Efficient Removal of Organic Dye from Aqueous Solution Using Hierarchical Zeolite-Based Bio membrane	Jasila.K	Isotherm, Kinetics, Thermodynamics and Recycling Studies, Catalysts 2022, 12, 886. https://doi.org/10.3390/catal12080886
4	Adsorption of Cationic Dye onto ZSM-5 Zeolite- Based Bio Membrane: Characterizations, Kinetics and Adsorption Isotherm	Jasila.K	Journal of Polymers and the Environment https://doi.org/10.1007/s10924-022-02421-5
5	Numerical Instability	Santhosh.P.K, Vijayalakshmi Menon.R	International Journal of Emerging Technologies and Innovative Research (www.jetir.org), ISSN:2349-5162, Vol.9, Issue 4, page no.f404-f406, April-2022,

Book chapters

1. **K. Jasila**, et al.: *Influence of Nanoclay on the Thermal Properties of the Natural Fiber-Based Hybrid Composites*. In book. Natural Fiber–Reinforced Composites: Thermal Properties and Applications, Publisher: Wiley-VCH Verlag (2022).
2. **K. Jasila**, et al.: *Morphology of PLA/Cellulose Composites*: In book. Polylactic Acid-Based Nanocellulose and Cellulose Composites., Publisher: Wiley-VCH Verlag (2022).
3. **K. Jasila**, et al.: *Water barrier properties of PLA based Nanocellulose and Cellulose Composites*: In book. Polylactic Acid-Based Nanocellulose and Cellulose Composites., Publisher: Wiley-VCH Verlag (2022).
4. **K. Jasila**, et al.: *Antimicrobial Properties of Bionanocomposites*, In book. Polymer Based Bio-nanocomposites. Composites Science and Technology. Springer(2022). https://doi.org/10.1007/978-981-16-8578-1_5

5. **K. Jasila**, et al.: *Recent Advances in Materials Science and Engineering Contributing to the Infection Diseases*; In book: Antimicrobial and Antiviral Materials. Taylor & Francis Group (2022). DOI: 10.1201/9781003143093-2
6. **K. Jasila**, et al.: *Influence of Fiber Treatment on the Viscoelastic Properties of Biocomposites*. In book: Vibration and Damping Behaviour of Biocomposites. Taylor & Francis Group(2022). DOI: 10.1201/9781003173625-14
7. **K. Jasila**, et al.: *Spectroscopy of elastomer blends and composites*. In book: Elastomer Blends and Composites Principles, Characterization, Advances, and Applications Publisher: Elsevier (2022). 10.1016/B978-0-323-85832-8.00016-X
8. **K. Jasila**, et al.: *Cotton fibers, their composites and applications*. In book: Plant Fibers, their Composites, and Applications Publisher: Elsevier (2022).ISBN: 978-0-12-824528-6
9. **K. Jasila**, et al.: *Bio Nanocomposite Films in the Food Packaging Applications*: In book: Polymer Based Bio-nanocomposites. Springer, (2022). DOI: 10.1007/978-981-16-8578-1_14
10. **K. Jasila**, et al.: *PLA based bionanocomposites for food packaging applications*: In book: Bionanocomposites for Food Packaging Applications: Elsevier (2022).ISBN: 978-0-323-88528-7
11. **K. Jasila**, et al.: *Lignin-based bionanocomposites for food packaging applications*: In book: Bionanocomposites for Food Packaging Applications: Elsevier (2022). **B**

4.6. Research Activities – GEC Kozhikode

No. of Ph. Ds Produced so far:

AE & I	CE	ME	CHE
1	0	0	0

No. Ph.D. Scholars currently doing research in various Departments:

AE & I	CE	ME	CHE
6	0	3	2

Research Activities under seed money project:

SL No	Department	Title of the Project	Investigator	Estimated Expenses	Sanctioned amount
1	Chemical Engineering	TEQIP-II Research Seed Money project ‘Kinetic and mass transfer study of CO ₂ absorption in sodium hydroxide solution’	Prof.Adil Muhammed	Rs. 53024	Rs 2 Lakhs
2	Chemical Engineering	KTU-CERD-RSM Removal of pesticides from aqueous solution using bio char	Smt. Suma K	Rs.125000	Rs 2 Lakhs

Research activities with external funding:

SL No	Department	Title of the Project	Investigator	Funding Agency	Sanctioned amount
1	AE&I	An automated road condition monitoring and decision support system with advanced image processing and vibration analysis.	Dr. Bindima T (Principal Investigator) Dr Abdu Rahiman V (Co Investigator)	AICTE- AQIS Research Promotion Scheme AQIS application ID: 1-9299254076	22 L
2	AE&I	Domestic and Drinking Reservoir with Renewable Energy - Bavelli (D2Re-B)	Dr Bindima T as the Principal Investigator on behalf of IEEE Kerala Section SIGHT group	The IEEE Humanitarian Activities Committee/ SIGHT Projects Committee through IEEE Kerala Section.	US \$ 4,762.00

B 4.7 Training Programmes undergone by Faculty and Staff

Sl. No.	Name of Department	No. of Courses attended by Faculty	Mode	Used 4 Funds or not
1	AE&I	1	Offline	Yes
2	Chemical Engineering	28	Offline & Online	17 faculty members
3	Mechanical Engineering	4	Offline	3 faculty members
4	Civil Engineering	4	Offline & online	2 faculty members

B 4.8. Major Achievements

- ✓ Government sanction obtained for starting two new programs, B. Tech in Commuter Science and Design and M. Tech in Structural Engineering
- ✓ Manufacturing Technology lab – phase II, inaugurated

A. Chemical Engineering Department

- ✓ Department has conducted AICTE Training and Learning (ATAL) program on CARBON CAPTURE UTILIZATION AND STORAGE: OPPORTUNITIES AND CHALLENGES during 13.12.2021 to 17.12.2021. All over India 120 participants attended the program.

- ✓ Department has conducted Faculty Development Programs on Computational Methods in Engineering -Application in research and industry during 05/01/2022 - 12/01/2022 sponsored by Directorate of Technical Education.
- ✓ Department has co-ordinated Faculty Development Programs on Waste to Energy during 19-01-2022 to 26-01-2022 sponsored by Directorate of Technical Education.
- ✓ Two faculty members from our Department got admission for Ph. D. program under QIP at IIT Madras
- ✓ Dr. Binu T V, faculty of our department received score 98% (Top 5%) in Aspen plus simulation software NPTEL course conducted IIT
- ✓ Department has purchased Thermo-gravimetric analyser using MODROB Fund.

B. Mechanical Engineering Department

- ✓ Dr. Francis J Emmatty, Assistant Professor in Mechanical Engineering received Ph.D. from NIT Calicut in August 2022
- ✓ Dr Sudheesh RS received US Patent (US 11,375,901 B2 dated 5 July 2022) for “Method and System for Predicting Location and Depth of Abnormal Tissue in Breast of Subject”
- Dr. Sajith P.P., certificate awarded for conducting AICTE-UKIERI leadership and management workshop as a Master Trainer

C. AE&I Department

- ✓ Mr. Robin Rajeev of S6 ECE has secured 10/10 CGPA for the Third and fourth Semesters . Earlier he had secured 10/10 CGPA for the second semester too.
- ✓ Ms.Fathima Sana P has received the best Student Award of ISTE, GEC Kozhikode for 2020-21.
- ✓ Ms.Sneha Mary Sunny has participated in the National Integration Camp-2022
- ✓ Ms.Indusha Dharman has received best student award of ISTE, GEC Kozhikode for 2019-20
- ✓ Mr. Atul V has been selected as the IEEE Malabar subsection outstanding student volunteer 2021.
- ✓ Ms.Fousiya T T has received best MTECH Project award of IEDC -IIC Expo'22
- ✓ Dr. Ahammed Muneer K V has received the best faculty Advisor -ISTE Kerala section (Special mention award) for the year 2020 – 2021.
- ✓ Dr. Ahammed Muneer K V has bagged the Special Mention Award from the KTU Vice Chancellor Dr. Rajasree M S in the “Art of teaching” (3 minute video) contest, organised by GTech mulearn in association with KTU.
- ✓ Dr. Ahammed Muneer K V has received the best Project Guide Award (M.Tech, AEI) in the IEDC- IIC Project Expo- 2022 held at GEC Kozhikode.

- ✓ Dr Job Chunkath: Ph.D. awarded for the Title: “Performance Enhancement in Filter Bank based Multicarrier System”, by University of Calicut, on 23/12/2021,

D. Civil Engineering Department

- ✓ Dr. Ansu V., Assistant Professor in Civil Engineering received Ph.D. from NIT Calicut in August 2022
- ✓ Mr.Athul D, Ms.Mubassira and Ms.Riswana Mubarak (2021 graduates) were awarded with Chief Minister’s Student Excellence Award (Scholarship of Rs1 Lack per student) on 23 March 2022
- ✓ Ms.Gayathri Enklampurath, Anusree Pandaredathil, Aiswarya C and Shibu T have received Outstanding B-Tech Thesis award from UltraTech Cements for their Project named Study on mechanical properties of concrete with partial replacement of cement by ferrock- a greener sustainable substitute (16 March 2022)
- ✓ Rs 50 Lacks remittance to College (via Centre for Continuing Education) towards fee for consultancy works carried out by various faculty members
- ✓ The department deputed faculty members as Technical Experts in Disaster Management Authority, LSGD, Kozhikode Corporation, Kerala Industries Department etc.
- ✓ The department deputed faculty members as Interview Board Members in Kerala PSC for recruitment of Assistant Engineers in PWD, Irrigation, LSGD
- ✓ Faculty members of the department handled technical sessions including Industry Institute Interactions in PWD, LSGD

B5. Infrastructure and facilities Development

- ✓ Government sanctioned **Rs. 34,95,950** for a new Seminar Hall/Mini auditorium in Mechanical Engineering Department
- ✓ Government sanctioned **Rs. 27,90,060** for Desktops and printers for various departments

B6. FINANCE REPORT: STATUS OF FOUR FUNDS

The four funds -**Corpus Fund, Faculty and Staff Development Fund, Equipment Replacement Fund and Equipment Maintenance Fund** are functioning to ensure sustainability of the reforms brought by TEQIP II beyond the Project Period, for five years from July 2017 to July 2022. The details of allotted fund and expenditure incurred are given below.

1. CURRENT STATUS OF FOUR FUNDS

Heads	Total Allotted (A)	Expenses	Processing Started	Total Expected expenditure (B)	Balance Rs. (A-B)
Corpus	59,35,479	45,44,474	10,89,790	56,34,264	3,01,215
Faculty and Staff development	18,08,665	9,37,324	4,20,260	13,57,584	4,51,081
Equipment Replacement	41,50,445	7,02,426	32,49,329	39,51,775	1,98,690
Equipment Maintenance	14,11,068	6,82,837	2,21,680	9,04,517	5,06,551
Total	1,33,05,657	68,67,061	49,81,059	1,18,48,120	14,57,537
% of Expenditure		51.6%		89.00%	11.00%

2. EXPENSES FROM FOUR FUNDS: Rs. 29,97,629/- (completed processing)

Period 01.02.2022 to 31.07.2022

Sl. No	Item Description	Amount
1. Corpus fund		
1	Salary of staff (01/02/2022 to 31/07/2022)	1,27,050
2	Student (& Faculty) conferences	5,33,332
3	Pre-placement training for students	4,200
4	BOG meeting	11,000
5	Visiting Faculty	26,000
6	NPTEL fee	59,000
7	Skill Development & Others	17,00,351
8	Audit fee	56,640

9	Stationary and other expenses	4,183
	Total	25,27,911
2. Faculty Staff Development Fund		
1	Out station training attended by faculty	1,900
2	Expenditure on faculty members attended training in subject domain	50,000
3	In house training programmes	6,000
4	Research Activities	44336
	Total	1,02,236
3. Equipment maintenance fund		1,07,590
4. Equipment replacement fund		2,59,892
Total		29,97,629

3. FILES UNDER PROCESSING

Sl. No	Item Description	Amount
1. Corpus Fund		
1	Training programmes for students	7,200
2	Remedial class	7,800
3	Student (& Faculty) conferences	13,360
4	NPTEL Course for students	60,000
5	R& D project	33,542
6	International Conference	10,00,000
	Sub-Total	10,89,790
2. Faculty Staff Development Fund		
1	Out station training attended by faculty	1,06,302
2	Membership fee	20,341
3	In house training programmes	8,000
4	R&D Seed money	28,000
5	Ph.D. Fee	2,57,617
	Sub-Total	4,20,260
3. Equipment maintenance fund		2,21,680
4. Equipment replacement fund		32,49,329
Total		49,81,059

B 7.PURCHASE

The major purchases/repairs (cost above Rs.15000/-) done under the heads replacements and maintenance of equipments, during January 2022 to August 2022 are furnished below.

Sl. No	Name of the Item	Department	Amount	Status of Bill
1	UV- Visible photo-spectrometer	Applied Science	9,45,000	Paid

PART C

(Future Activities/Proposals)

C1. New Proposals for – International conference, financial support for PhD scholars, faculty and staff development programs, training for students, maintenance and replacements of items purchased under TEQIP II

C1.1 International Conference on Emerging Trends in Engineering – Yukthi 2023

In the Academic Council Meeting held on 05-08-2022, it is decided to organise the next series of International Conference on Emerging Trends in Engineering – Yukthi 2023 in March 2023. The Organizing Committee for the conference is constituted with Dr. Sudheesh R. S. (ME) as Organizing Secretary and Prof. Sindhu N. (CH) as the General Convenor.

Sl.No	Head	Estimated Expenses	Remarks
1	Honorarium to Keynote speakers	65,000	Rs.5000/- per head for 13 speakers
2	TA/DA of speakers	1,30,000	Rs.10000/- per head for 13 speakers
3	Accommodation	39,000	Rs.3000/- per head per day for 13 speakers
4	Refreshment for guests, participants, volunteers etc	90,000	150 persons per day at Rs. 200 per person for 3 days
5	Local transport	10,000	
6	Printing of certificates, brochures, mementos etc.	10,000	
7	Publicity, Website, Banners, Boards etc.	25,000	
8	Photography, Video recording etc.	20,000	
9	Stage arrangement	10,000	
10	Publication	8,00,000	Taylor & Francis/Springer
11	Consumables	10,000	
14	Conference Kit	1,05,000	Rs.700/kit for 150 participants
	Total	13,14,000	
15	Revenue from registration	3,00,000	Rs.2000 per participant

C1.2 Financial support for Ph.D. scholars

In the TEQIP meeting held on 03-02-2022, it is proposed to submit a request to BOG for granting a contingency amount of Rs.10,000/- per year to each PhD scholar (full time) having no other financial support.

C1.3 Other proposals

There are several applications for attending and presenting papers in Conferences, participating in Short term courses, refund of MOOC Course fees, Ph.D. fees, Conduct of Remedial Classes, Membership fees for Professional bodies such as ISTE , maintenance, replacement and repair – all of which are of conventional nature except for certain applications with respect to MOOC Courses and Ph.D. fee refund.

PART D **(Other Items)**

D1. Clarifications Sought:

TEQIP II GEC Kozhikode would be obliged for further clarifications on the under mentioned.

1. Ph.D. (Part Time) fee refund for Dr. Jayakumar M., Assistant Professor (Physical Education), Department of Applied Science – The fee receipt does not mention registration fee/tuition fee as mentioned in TEQIP guidelines
2. IEEE WIE International Leadership Summit. Request for refund of registration fee and TA (Rs12036 + Rs.2400) Prof.Subhija E.N., Assistant Professor in Applied Electronics and Instrumentation Engineering

D2. Revision of Vision statement of AE& I Department

1. As per the recommendation from internal audit committee for NBA, the Department vision is revised to make it consistent with the institute vision.

End of Notes