TECHNICAL EDUCATION QUALITY IMPROVEMENT PROGRAMME

Phase IISub Component 1.1

Minutes

24thMEETING OFTHE BOARD OF GOVERNORS

Date:25th Mar 2023

Time: 10.30 AM

COLLEGE OF ENGINEERING CHERTHALA

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AGENDA

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Part 1-Procedural

Sl. No	Items
1.1	**Confirming the Minutes of the 23rdMeeting of the Board of Governors held on 15.11.2021 at College of Engineering Cherthala, Alappuzha**
1.2	**Report on the action taken/action pending on the pertinent decisions in the23rd Meeting of the Board of Governors held on 15.11.2021 at College of Engineering ,Cherthala**

Part 2-Reports and Ratifications

Sl. No	Items
2.1	**Expenditure made under Corpus fund**
2.1.1	Remedial classes
2.1.2	Training on python programming to students
2.1.3	Placement Training &other training programs
2.1.4	Other expenses under Corpus fund
2.2	**Expenditure made under Equipment Replacement fund**
2.3	**Expenditure made under Maintenance fund**
2.4	**Results and Placements**
2.5	**Re-appropriation of 4 funds**
2.6	**Expenditure summary of 4 funds**

Part 3-Discussions and Approvals

3.1	**Accreditation Status**
3.2	**Revision of Vision and Mission statements of Institution**
3.3	**Report on recent national level achievements**

Part 4-Other items with the permission of the chair

4.1: CURRICULAM ASPECT OF ENGINEERING EDUCATION

Members Present

- Dr. C. P. Girijavallabhan, Hon. Chairman.

- Dr. Vrinda V Nair, Director, SPFU

- Smt. Ragitha G, Finance Officer, Collectorate, Alappuzha

- Shri. Jacob Mathew, Vice President, Idea Cellular, Bombay

- Dr. Vinu Thomas, Dean Academics, KTU

- Dr. Ramesh Unnikrishnan, AICTE,Trivandrum

- Dr. Jaya V L

- Dr. Priya S, HOD CS

- Dr.Ashokkumar T, HOD, EC

Others present in the meeting,

1. Smt. Sarakutty K J , TEQIP Coordinator

The meeting started at 10.30 AM with a silent prayer. Principal Dr. Jaya V L welcomed all members to the 24th BOG meeting. The Hon'ble Chairman brought the meeting to order, welcomed all the members and invited the Principal to present the agenda of the 24th BOG meeting. Principal thanked the Hon'ble Chairman and presented the agenda before the BOG.

1.1 Confirmation of the Minutes of the 23rdMeeting of the Board of Governors of CE Cherthala held on 15/11/ 2021

The Minutes of the 23rdMeeting of Board of Governors of TEQIP Phase II of CE Cherthala held on **15/11/ 2021** was circulated among the BOG members and after incorporating their suggestions, sent to the Honorable Chairman for his approval. The Principal shortened the minutes again as suggested by the Chairman.

Decision: The BOG confirmed the approved minutes of the 23rd meeting of Board of Governors of College of Engineering Cherthala held on 15/11/2021.

1.2   Action Taken Report onthe pertinent decisions intheMinutes of the 23rdMeeting of the Board of Governors of CE Cherthalaheld on 15/11/ 2021

A report on the action taken is presented in the Table given below.

Item No in Minutes of the 19th BOG	Decision Taken	Action Taken/ current status
1.1	The BOG confirmed the approved minutes of the 23rd Meeting	For information
1.2	Took note of the ATR and approved.	For information
2.1	BoG took note and ratified the expenditure made under Corpus fund	For information
2.2	BoG took note and ratified the expenditure made under Equipment Replacement Fund	For information

2.3	BoG took note and ratified the expenditure made under Faculty Development Fund.	For information
2.4	BoG took note and ratified the expenditure made under Maintenance Fund	For information
2.5	BoG took note of the results and placements for the academic year 2021 passed out students	For information
2.6	BOG approved the new TEQIP committees and coordinators	No action needed
2.7	BOG approved the action initiated for the purchase of 76 numbers of battery by buy back policy andBOG approved the re appropriation of 3 lakhs from the Faculty & Staff Development Fund to the equipment replacement fund	Purchased 76 batteries by buy-back policy
2.8	The BOG took note and approved the expenditure summary	For information
2.9	BOG took note and approved the revised budget for 2021-22	For information
2.10	The BOG reviewed and extended the service of account staff.	For information
3.1	BOG took note and approved the budgetfor 2022-23	For information
3.2	BOG approved the activities planned under corpus fund.	Conducted all the training programs to students.
3. 3	BOG approved the plan of the purchase of the printer on buy back scheme	Purchased
3.4	BOG approved the maintenance of the printer in the exam cell	As maintenance was not recommended, purchased one from institution plan fund.
3.5	BoG has decided to put this proposal, given by MuhammedIlyas for research seed money, in the technical committee to get an appropriate decision.	Technical committee not recommended.

4.1	BOG approved the maintenance activity of the EE department.	Overhauling of electrical machines in the machines lab is done.

Decision: BoG took note of the ATR and approved

2.1. EXPENDITURE MADE UNDER CORPUS FUNDOF TEQIP-II

2.1.1 Remedial Classes

Expenditure incurred for conducting remedial programmes is given below.

Sl No.	Subject	Resource person	Sem& Branch	No of students	No.ofHours&Dates	Expenditure In Rs.	No. of students passed uty exam
1	CST 202 COA	Ms.Aswathy G S	S4 CS	16	6 hrs during 11,12/8/22	2,400	15
2	CST 204 DBMS	Mr.JayakrishnanR	S4 CS	17	15 hrs during 13,16,17,19/8/22	6,000	16
3	CST 204	Ms.Lakshmi R Nair	S4 CS	16	3 hrs on 16/8/22	1,200	12
4	EST 130 Basics of electrical and Electronics	Ms.MeeraThampy	S3 EC (supply)	12	3 hrs-21/1/22	1,200	3
5	ECT 203 Network theory	Ms.Vishanthi V P	S3 EC	17	5 hrs-22/1/22,5/2/22	2,000	17
6	ECT 205 SSD	Ms.Jishamol L	S3 EC	17	4 hrs-22/1/22,5/2/22	1,600	16
7	CS 207 EDC	Mr.Ajaynath S A	S7 CS(supply)	20	15 hrs during 9,16,23,30/11,7/12/21	9,000	14
Total						**18,600**	

2.1.2.Training program on "Python programming with Data Structures"

The training program on 'Python programming with Data Structures" was conducted to third year students of Computer Science Department, during 2nd December to 4th December 2021 at the college.It was organized by Ms, Anitha M A , Staff advisor of S6 CS. The classes were taken by Noufal N and Deepak Jose, Technical Trainers of Pragnatix Learning Edutech. It was a hands on training session. The classes started with the basics in Python and ended up with discussing various programs. The classes were well organized and had interactive sessions too. The contents were clear, well-structured and easy to understand and hence the program was very helpful and pretty effective. The total expenditure was Rs. **23,209/-**

2.1.3. Placement Training and Other Training Programmes

Sl. No.	Title of the programme	Semester & batch	Duration &date	No.of participants	Expenditure (Rs)
1	Training program on Skill building	4thSem EC,CS & EEE	8/6/22 to 30/7/22(20 sessions)	120(60*2)	60,000
2	Placement training on employability skill	6thSem EC,CS& EEE	20/5/22 to 2/7/22(36 sessions)	105(35*3)	1,08,000
3	Training program on communication skill	6thSem EC,CS & EEE	20/5/22 to 2/7/22(36 sessions)	105(35*3)	1,08,000
4	Training program in mern stack	S7 CS	15/9/22 to 23/12 /22(30 sessions)	30	90,000
5	Workshop on IOT and Embedded systems	S6, S8 EE/EC	8/2/23 to 10/2/23(6 sessions)	60	18,000
6	Training program in mern stack for final year CS	S8 CS (2022 pass out)	11/11/21 TO 16/12/21 (6 sessions)	33	18,000
Total					**4,02,000**

2.1.4.Other Expenses

Sl.No.	Items	Expenditure (Rs.)
1	Expense for 23rdBoG meeting	21,100
2	TDS data uploading charges	1,575
3	Miscellaneous(Stationery)	2,375
4	Salary to TEQIP Staff	56,500
5	Auditor's fee for the 4 funds of TEQIP-II audit for the financial years 2017-18,2018-19,2019-20, 2020-21, 2021-22.	35,000
Total		**1,16,550**

Total Expenditure under Corpus Fund after last BOG till 24th March 2023 is **Rs. 560359/-**

Discussion: While discussing remedial classes and student training programmes, everyone expressed concern about the decrease in admissions in Electrical Engineering department. Mr. Jacob Mathew explained about the industrial applications of electrical engineering especially the electric charging stations. He informed the necessity of having electric charging stations every 3 kilometers and that it has a profit of Rs. 13 per unit. And he opined that our college campus frontage is very suitable for charging stations.

BoG has suggested to conduct an awareness program to engineering aspirant students on electric charging stations. The chairman has enquired about the closure of engineering colleges under KTU, those having less than 20% pass. Principal replied that AICTE has waived all those conditions.

Decision : BoG took note and ratified the expenditure made under Corpus fund

2.2 EXPENDITURE MADE UNDER EQUIPMENT REPLACEMENT FUND

Sl.No.	Item details	Expenditure (Rs.)
1	Purchase of 130 AH Battery on Buy back basis-76 nos.(530400-199600 = 330800/-)	3,30,800
2	Ricoh Photocopier(MP2051) on buy back basis(replaced with multifunction printerMP2014D @Library)	47,672
3	Ricoh Photocopier(MP2501L) on buy back basis (replaced with multifunction printerMP2014D@ office)	55,342
Total		**4,33,814**

Decision :BoG took note and ratified the expenditure made.

2.3.EXPENDITURE MADE UNDER MAINTANANCE FUND

Sl.No.	Item details	Expenditure in Rs.
1	Maintenance of 5 KVA UPS	10,620
2	Maintenance of 9 laptops	24,300
3	Toner purchased (SP 200/201)	3,776
4	Servicing of Airconditioner-15 nos.	42,505
5	Renewal of Tally software of TEQIP office	9,200
6	Repair of measuring instruments in the circuits lab of EEE department	10,053
Total		**1,00,454**

Decision :BoG took note and ratified the expenditure made.

2.4   RESULTS & PLACEMENTS

The college has 53rd position in the current year with a pass percentage of 43%. The branch wise details are given below in the table 2.4.1

Table 2.4.1   Result of B.Tech 2018 admissions(2022 pass out)

BRANCH/ COURSE	SANCTIONED INTAKE	NO OF STUDENTS		% OF FULL PASS
		APPEARED	WITH FULL PASS	
CS	60	50	24	48
EC	60	28	11	42
EE	60	27	10	41.6
Total	**180**	**105**	**45**	**43**

Table 2.4.2.Placement details

Department	2022 pass out batch			
	Total no of final year students	No of students passed	No of students placed	% placement
CS	50	24	34	68
EC	28	11	9	32
EEE	27	10	10	37
	105	45	53	50.4

Decision :BoG took note and appreciated placements.

2.5 REAPPROPRIATION OF 4 FUNDS

The current status of 4 funds is Rs.43118/- in Corpus fund , Rs.16967/- in Replacement fund , Rs. 1319/- in FSD and Rs. 8065/- in Maintenance fund. As TEQIP activities should wind up on 31/3/23 and Rs.16540/- is needed to refund of security deposit from replacement fund, the remaining money available in the last 3 funds- Rs.9811/- (8065+1319+427) should be transferred to Corpus fund.

Decision : BOG approved the re appropriation of 9811/- to Corpus fund

2.6. EXPENDITURE SUMMARY OF 4 FUNDS

Table 2.6.1 Expenditure summary at a glance (from 1/10/2017 to 25/03/2023)

YEAR	CORPUS FUND	MAINTANANCE FUND	FSD FUND	REPLACEMENT FUND	GRAND TOTAL
2017-18	1,54,890.5	4,837.5	52,259.5	88.5	**2,12,076**
2018-19	3,52,848	2,33,654	94,516	1,23,892	**8,04,910**
2019-20	3,36,618.29	1,04,749	83,926	0	**5,25,293**
2020-21	2,07,536	86,770	7,936	8,768	**3,11,010**
2021-22	2,37,754	1,29,850.5	20,330	5,42,113	**9,30,047.5**
2022-23	4,79,015	53,125	0	0	**5,32,140**
TOTAL	**17,68,661.79**	**6,12,986**	**2,58,967.5**	**6,74,861.5**	**33,15,476.79**
Balance fund	**43,118**	**8,065**	**1,319**	**16,967**	**69,470**

Decision: The BOG took note and approved the expenditure summary

3.1 ACCREDITATION STATUS

The UG (B.Tech) Computer Science and Engineering program of this institution was accredited for 3 years in Tier-II document upto 30.06.2023. A compliance report is submitted to the NBA in order to consider for further accreditation and the visit is expected on 6th May 2023.

Decision: The BOG took note

3.2. REVISION OF VISION AND MISSION STATEMENT OF THE INSITUTION

In view of the observations made by the NBA team that there is only a single mission statement and also since a new programme (MCA) has started, the institution decided to take steps to revise existing vision and mission of the institution and departments.

Discussion: The chairman Dr. C P Girijavallabhan has opined that mission is to instruct young generation into the new fields of education in relevant areas and to impact excellence in UG education. Also he suggested that teaching learning process should find a place in mission statement. As chairman said, Sri. Jacob Mathew suggested that mission statement should include excellence in technical education, fostering innovation, igniting research and development. The SPFU director Dr. Vrinda V Nair suggested that vision and mission should be sufficiently different where vision is a long term achievement. Dr. Ramesh Unnikrishnan added that how to attain the vision is the mission.

Decision: As the members felt that it may take time to give a feedback on the vision and mission statements, it was decided to get feedback of all members through a mail communication.

3.3 REPORT ON RECENT NATIONAL LEVEL ACHIEVEMENTS

- Aswin A of S6 CS has represented state NSS in the **National integration camp** held at Nagpur from 26/02/23 to 04/03/23

- Avitha Ashok was selected as the **state NSS volunteer secretary** in 2021-22

- MuhammedSuhail of S5 CS has represented KTU for **All India South Zone Inter University Badminton Championship**in 2022

- IEEE SB CECTL has won Kerala section rank 1 in **IEEEXtreme 16.0**in 2022

- IEEE PES SB chapter, CECTL won **High Performing SB chapter award, 2022** and positioned No. 16 globally from No. 55 position in 2021

- INNOVANZA event by IEEE SB CECTL has won Bronze medal under **Darrel Chong student activity award** by IEEE MGA student activity council in 2022
- Special mention in **Larry K. Wilson Translational award council** under best student branch OU by IEEE MGA student activity council in 2022.
- IEEE SB CECTL has **highest retention rate** of 75% in Kerala section in 2021
- Sruthy S Nair was selected as the **Regional Secretary of NSS Energy Cell**and Joint Secretary of IEEE SB CECTL

Discussion &Decision: The BoG has highly appreciated the achievement by IEEE SB CECTL and noted all the achievements.

4.1: CURRICULAM ASPECT OF ENGINEERING EDUCATION

Discussion: All members have actively participated in the discussion about the necessity of change in curriculum in accordance with the new generation subjects like artificial intelligence, data science, machine learning etc..Dr.Vinu Thomas opined that IT based 4 subjects should be included in the curriculum. Dr. Ramesh Unnikrishnan said that our aim is to make employable students to society which should be the vision of each institution. He also pointed out the shortage of Computer Science faculty in engineering colleges in all over India due to the heavy crash up of students to Computer science branch. Also he informed that AICTE has resolved this issue by taking the decision that any faculty acquiring 20 credits for the above said subjects from online courses like MOOC , NPTEL etc…is eligible for teaching those subjects. He also mentioned that internships and placements are very important in this scenario.

Conclusion:

TEQIP coordinator Prof. Sarakutty K J has delivered vote of thanks during which she mentioned the contributions of all BoG members who has been there since the beginning of TEQIP –II activities. She also made special mention to BoG members who were present in all the meetings and expressed sincere gratitude to all BoG members. The Honorable Chairman in his concluding remarks thanked all the members for attending the meeting and contributing to it and called the meeting to an end at 1.00 P.M.

Chairman   **Principal**

Dr . C P Girijavallabhan   **Dr. Jaya V L**