



**GOVERNMENT ENGINEERING COLLEGE  
RAIPUR (C.G.)**

**MINUTES OF  
10<sup>TH</sup> MEETING OF BOARD OF GOVERNORS  
FOR TEQIP – III PROJECT**

**HELD ON**

**21<sup>ST</sup> MAY 2020**

**PLACE: GEC, RAIPUR (C.G.)**

**TIME: 11:00 AM**

*Repositor*

## **Minutes of Meeting held on 21st May 2020**

The meeting of Board of Governors, Government Engineering College, Raipur held on 21<sup>st</sup> May, 2020 at Principal's Chamber, Government Engineering College, Raipur.

### **Member Present: On 21<sup>st</sup> May 2020**

- |                      |   |                    |
|----------------------|---|--------------------|
| 1. Prof. Rajat Moona | - | Chairman           |
| 2. Dr. S. Sanyal     | - | Member             |
| 3. Shri A.K. Ahirwar | - | Member             |
| 4. Dr. Y. P. Banjare | - | Member             |
| 5. Shri G. R. Sahu   | - | Member             |
| 6. Shri. K. K. Verma | - | Member             |
| 7. Dr. R.S. Parihar  | - | Member & Secretary |

### **TEQIP III 10/1**

#### **Confirmation and approval of minutes of 9<sup>th</sup> BoG meeting held on 1<sup>st</sup> February, 2020**

Minutes of 9<sup>th</sup> TEQIP III BoG meeting held on 21<sup>st</sup> February, 2020 placed before the BoG. The minutes were confirmed by the BOG.

### **TEQIP III 10/2**

#### **Activities performed after 1<sup>st</sup> February, 2020**

The details of Work performed after 01<sup>st</sup> February, 2020 is placed for discussions under following sub heads and it is thoroughly examined by BoG.

#### **1. Procurement**

The details of procurement activities in Q4 (Jan-Mar 2020) are thoroughly examined and discussed by BoG.

**Action Taken by BoG:** Approved by the BoG.

#### **2. Academic Process**

The activities performed under academic process are examined by BoG and discussed in details. BoG suggested that GEC, Raipur should have the academic autonomy to achieve higher academic standards.

## 2.1 Improve Students Learning:

The total sanctioned amount for, Improving Students Learning is Rs.19,45,000/- and the expenditure details of Rs.13,14,256/- for Q4 (Jan-Mar 2020) are as below.

S N	Name of Programme	Place	Date	Expenditure (Rs.)
1	Short term training on AI&ML Cloud attended by 22 students of CSE and ET&T	IIIT, NAYA RAIPUR	26 Dec, 2019 – 02 Mar, 2020	1,61,210
2	Short term training on ANSYS & CREO by MSME Technology Centre, Durg for 4th Sem students of mechanical engineering.	GEC, Raipur	15 Jan – 14 Feb, 2020	1,56,818
3	GATE coaching classes by Think cell Learning Solutions Pvt. Ltd., Hyderabad (40% Payment)	GEC, Raipur	Dec, 2019 – Feb, 2020	4,08,044
4	Employability Skill Training by TIME, Hyderabad (40% Payment)	GEC, Raipur	Dec, 2019 – Feb, 2020	63,479
5	Workshop on Python for 6th & 8th sem. students of ET&T and CSE	GEC, Raipur	05-06 Feb, 2020	17,330
6	Expert lecture on Data Structure for 4th sem. students of CSE	GEC, Raipur	06-07 Feb, 2020	10,940
7	Expert talk on Industry Readiness and AI & ML, for All students of 6th sem.	GEC, Raipur	07 Feb, 2020	8,000
8	CNC Lathe and CNC Milling Machine Training by CIPET for 4 <sup>th</sup> sem. students of Mechanical Engg.	GEC, Raipur	10 Feb – 02 Mar, 2020	1,25,000
9	Expert lecture on Cloud computing and service mods for 8 <sup>th</sup> sem. Students of CSE	GEC, Raipur	17 Feb, 2020	8,800
10	Expert lecture on Oracle for 6 <sup>th</sup> sem. students of CSE and ET&T	GEC, Raipur	25 Feb, 2020	24,693
11	Expert lecture on Need of Embedded system in Real time monitoring systems for 8 <sup>th</sup> sem. students of ET&T	GEC, Raipur	02 Mar, 2020	14,155
12	Expert lecture on Impact of Building construction in Civil Engg. for 8 <sup>th</sup> sem. students of Civil Engg.	GEC, Raipur	02 Mar, 2020	14,205
13	Expert lecture on Importance of Soft Skills in Corporate field for 8th Sem. students of EEE & Mech.	GEC, Raipur	02 Mar, 2020	14,255
14	Expert lecture on Machine Learning tools and Techniques for 8th Sem. students of CSE	GEC, Raipur	02 Mar, 2020	14,145
15	Expert lecture on Corporate communication skills and Interview skills for 8th Sem. students of EEE	GEC, Raipur	03 Mar, 2020	4,795
16	Expert lecture on Importance of Soft Skills for 8th Sem. students of ET&T	GEC, Raipur	03 Mar, 2020	14,045
17	Expert lecture on Corporate Etiquettes and E-Mail Etiquettes for 8th Sem. students of ET&T	GEC, Raipur	03 Mar, 2020	14,145
18	Expert lecture on Emerging opportunities in Engg. & Tech. for 8th	GEC, Raipur	03 Mar, 2020	14,095

	Sem. students of Mech.			
19	Expert lecture on Expanding Horizon of Data Analytics with digital media tools for 8th Sem. students of CSE	GEC ,Raipur	03 Mar, 2020	13,935
20	Reimbursement of bills of travel and food expenditure for expert lectures conducted by various departments on 02-03 March, 2020	GEC, Raipur	02-03 Mar, 2020	15,927
21	Expert lecture on Impact of climate change on various water resource projects for 8th Sem. students of Civil	GEC,Raipur	05 Mar, 2020	4,240
22	Reimbursement of GATE registration fees to students of GEC Raipur.	GEC, Raipur	Feb-Mar, 2020	1,92,000
<b>Total (Rs.)</b>				<b>13,14,256</b>

**Action Taken by BoG:** Approved by the BoG.

## 2.2 Faculty/Staff development and motivation:

The expenditure for Q4 (Jan-Mar 2020) is Rs.2,71,183/- against the sanctioned budget of Rs.5,55,000/- and the details are as below.

SN	Name of Programme	Place	Date	Expenditure ( Rs.)
1	Expert visit as Research Committee for establishment of Research Center of CSVTU Bhilai under TEQIP-III for Mechanical Department	GEC, Raipur	25 Jan, 2020	58,489
2	Faculty training on Cyber Security attended by Mr. Ganesh Ram Banjare	IIT, Roorkee	10-21 Feb, 2020	17,670
3	STTP on Non Equilibrium Aero-thermodynamics attended by Dr. Vikas Kr. Jain, Dr. S.D. Diwan, Dr. Ajay Tripathi	IIT, Kharagpur	17-21 Feb, 2020	47,257
4	Faculty training on Data Science and Analysis attended by Mr. Vikas Mishra, Asst. Prof. (NPIU), EEE Dept.	IIT, Gandhinagar	17-27 Feb, 2020	25,572
5	Faculty training on Robotics and Automation attended by Mr. Abhishek Agrawal, Asst. Prof. (NPIU), ET&T Dept.	IIT, Kanpur	17-28 Feb, 2020	28,293
6	Faculty training on IoT attended by Ms. Poornima Sonit, Asst. Prof. (NPIU), ET&T Dept.	IIT, Bombay	24-28 Feb, 2020	10,539
7	Experts visit from GEC, Bilaspur for SAR updating and file preparation of NBA accreditation for Mech.& Civil Dept.	GEC, Raipur	27-28 Feb, 2020	3,666
8	Research Committee Visit for establishment of Research Center of CSVTU, Bhilai for Maths Department	GEC, Raipur	29 Feb, 2020	23,111

9	Procurement workshop attended by Mr. Gulab Verma, Mr. KHP Ram, Mr. Arun Dhurwe	SPIU, Raipur	03 Mar, 2020	4,800
10	Research Committee Visit for establishment of Research Center of CSVTU, Bhilai for Chemistry Department	GEC, Raipur	04 Mar, 2020	29,182
11	Reimbursement of tickets to Mr. Harsh Sharma & Mr. Girja Shankar Patel, Asst. Prof. in Civil Dept. due to cancellation of Workshop on "Advancement in water Resources Environment and Climate Change", scheduled from 16-20th March 2020, at IIT Indore.	IIT, Indore	16-20 Mar, 2020	22,604
<b>Total (Rs.)</b>				<b>2,71,183</b>

**Action Taken by BoG:** Approved by the BoG.

### 2.3 MOOCs and Digital Learning:

The expenditure of Rs.1,00,516/- are as listed below against the sanctioned budget of Rs 1,20,000/-

SN	Name of Programme	Provider	Date	Expenditure ( Rs.)
1	Registration of MOOCs Course by Dr. Shailesh Dhar Diwan, Asso. Prof., dept. of Maths on the subject "Introduction to Abstract and Linear Algebra"	NPTEL	Jan-March 2020	1,100
2	Membership Fee of Mechanical Engineering Department for Society of Automotive Engineers (SAE-INDIA), the Institute of Engineers(India) (IEI) & ISHRAE Society of Heating Refrigeration and Air Conditioning Engineers	SAE India, ISHRAE, IEI	Mar, 2020	74,843
3	Membership Fee for Indian Building Congress of Mr. A.K. Ahirwar	Indian Building Congress	Mar, 2020	6,575
4	Membership Fee for Indian Institute of Architecture of Mr. A.K. Ahirwar	Indian Institute of Architecture	Mar, 2020	15,340
5	MOOCs course on "Machine Learning with Python: A Practical Introduction" offered by IBM on edX.org by Mr. Abhishek Agrawal, Asst. Prof. (NPIU) ET&T Dept.	IBM through edX.org	Mar, 2020	2,658
<b>Total (Rs.)</b>				<b>1,00,516</b>

**Action Taken by BoG:** Approved by the BoG.

## 2.4 Institute Industry interaction:

The expenditure in Q4 (Jan-Mar 2020) against the sanctioned budget of Rs.5,45,000/- is Rs 93,558/-. Details are as below,

SN	Name of Programme	Place	Date	Expenditure ( Rs.)
1	Pre Placement Training for all final year students on different skills by experts from Jayaswal Neco Industries Ltd., & Adians Enterprises Pvt. Ltd.	GEC, Raipur	13-14 Feb, 2020	65,008
2	Campus Placement Drive Globussoft, Bhilai	GEC, Raipur	18 Feb, 2020	3,120
3	Campus Placement Drive JayaswalNeco Industries Ltd.,Raipur	GEC, Raipur	20 Feb, 2020	8,742
4	Campus Placement Drive Amicus TechnologyPvt. Ltd. Raipur	GEC, Raipur	06 Mar, 2020	888
5	To study the design and construction of Dam, Industrial Visit to Gangrel Dam, Dhamtari by Civil Engg. Students	Gangrel Dam, Dhamtari	06 Mar, 2020	15,800
<b>Total (Rs.)</b>				<b>93,558</b>

**Action Taken by BoG:** Approved by the BoG.

## 3. Collaborative Research Scheme:

Under Collaborative Research Scheme, 4 projects have been selected on 18th July, 2019 with sanction of project grant of Rs. 53,84,00. The progress made by the PI'S detailed below:-

- One research paper in IEEE conference and two research papers in Springer conference have been accepted/presented and one SCI Journal paper communicated by Dr. Ajay Kumar Kushwaha under Collaborative Research Scheme.
- Two research papers in IEEE conference have been accepted /presented by Mr. Jawaharlal Bhukya under Collaborative Research Scheme.
- One research paper is accepted in ICESCS 2020Scopus Indexed Journal and one research papers is communicated in SCI Journal by Dr. Ashwani Yadav under Collaborative Research Scheme.
- Two research papers are communicated in Journals – IJEPES & ITEESby Mr. Praveen Mishra under Collaborative Research Scheme.

### Status of CRS Projects at GEC Raipur (as on 21.05.2020)

SN	Name of the P.I.	Sanctioned Amount	Total Procurement	Status of the PO
1	Dr. Ajay Kumar Kushwaha	14,00,000	12,58,333	1. Software Rs. 4.13 Lakhs 2. Workstation & Printer Rs. 1.91 Lakhs 3. Stationary Rs 7871 4. ICs of Rs. 27237 Total Expenses = Rs.

				6,69,805/-
2	Ashiwani Yadav	12,45,000	10,05,000	1. Workstation & Printer Rs. 1.91 Lakhs 2. Stationary Rs 8809 Total Expenses = Rs. 2,14,104/-
3	Praveen Mishra	14,17,000	11,90,333	1. Workstation & Printer Rs. 1.91 Lakhs 2. Stationary Rs. 8809 Total Expenses = Rs. 2,13,022/-
4	Jawaharlal Bhukya	13,22,000	8,96,667	Workstation & Printer Rs. 1.91 Lakhs (Quotation of Rs. 5.5 Lakhs received, but not opened due to COVID-19 lockdown.) Total Expenses = Rs. 2,13,603/-
<b>Total (Rs.)</b>		53,84,000	43,50,333	12.04 Lakhs

**Action Taken by BoG:** Appreciated by the BoG.

**TEQIP III 10/3**  
**Points for information to BoG**

The points for information are placed for discussion before the BoG

1. Mechanical Engineering department, Applied Mathematics department and Applied Chemistry department of the institute have been approved as Research centre by CSVTU, Bhili. For this recognition fees of Rs.25000/- per department i.e. total of Rs.75000/- is to be paid to CSVTU Bhilai from TEQIP fund.

**Action Taken by BoG:** Appreciated and suggested to start research activity. Information noted and approved the fees involved and also permitted for fee to be paid to CSVTU .

2. GATE coaching being provided to B.E. 2<sup>nd</sup> year students has been suspended due to lockdown imposed due to COVID-19 pandemic.

**Action Taken by BoG:** Noted by the BoG.

3. Employability Skill Training being provided to B.E. 1<sup>st</sup> year students has been suspended due to lockdown imposed due to COVID-19 pandemic.

**Action Taken by BoG:** Noted by the BoG.

4. In the lockdown, all the faculty members are connected to the students through Google Classroom, Google meet, online video conferencing (Cisco WebEx, Zoom, Whatsapp, you tube, etc.). All kind of learning materials (notes, PPTs, video lectures, tutorial sheets, previous year question papers, etc.) are being provided to them. More than 800 classes were taken online up-to 20.4.2020.

**Action Taken by BoG:** Noted by the BoG.

5. The e-SAR of Civil and Mechanical engineering departments will be uploaded soon.  
**Action Taken by BoG:** Noted by the BoG.
6. Faculty training on Robotics and Automation attended by Ms. Shivani Garg, Asst. Prof. (NPIU), Civil Dept. at IIT, Madras during 17-28 Feb, 2020. The expenditure for the activity is Rs.34,384, which is under process.  
**Action Taken by BoG:** Suggested to put matter after the completion of process.
7. The research work on the project “Theoretical analysis and design of micro photodiodes materials for artificial retina implant”, submitted under TEQIP-III by Dr. R.H. Talwekar, with estimated cost of Rs.5,00,000, which was approved in 9<sup>th</sup> BoG meeting, has been started. The expenditure of the project will be booked in the head 1.1.2.5 Research and development of TEQIP-III.  
**Action Taken by BoG:** Approved by the BoG.
8. The selected students in GATE 2020 are listed below

SN	Name of Student	Branch	Marks in GATE 2020	Rank in GATE 2020
1	Devesh Joshi	Civil	42.84	9043
2	GeetanjaliSahu	Civil	42.15	9485
3	Jayvardhanpatil	Civil	26.25	27851
4	KishanPaikera	Civil	23.66	33324
5	Nishu Singh	Civil	34.62	15745
6	Prahladverma	Civil	32.77	17820
7	Suhail Ansari	Civil	42.84	9043
8	PriyaSahu	Civil	39.76	11102
9	Aditya Sahu	Civil	34.4	15903
10	Akash Kumar Pardhi	Mechanical	56.25	5175
11	AmanRathore	Mechanical	70.13	828
12	Ravindra Kumar	Mechanical	37.31	18391
13	Rahul Chandrakar	Mechanical	34.2	21504
14	Kiran Kumar Samanta	Mechanical	50.22	7088
15	ManasMaral Mishra	Mechanical	37.66	18091
16	ShrikantGandharv	Mechanical	65.47	1829
17	Vishal Singh	Mechanical	48.35	9727
18	Alok Kumar Baranwal	EEE	38.33	9676
19	KrishnakantSahu	EEE	37.67	404
20	VritantChandrakar	EEE	38.67	417
21	HimanshuShekharMarkam	ET&T	20	24138
22	Prakash Das	ET&T	48.33	2262
23	RitikaChoubey	ET&T	33.67	7562
24	ChamarthiGopalSai Krishna	ET&T	31	9950
25	ChandrashekharNikunj	ET&T	22	20426
26	Bhupesh Kumar Patel	CSE	26.67	16273
27	Nutesh Kumar Sahu	CSE	48	2322
28	Gireesh Kumar Chandrakar	CSE	29.33	12686
29	Nikhil Verma	CSE	31.33	10597
30	PoonamSahu	CSE	28.33	13948
31	DewashishDeshmukh	CSE	32.67	9344

**Action Taken by BoG:** Appreciated by the BoG.



9. Placement details are as follows,

SN	Name of Company	Date	No. of Selected Student
1	Mega Placement Drive	21-22 Oct, 2019	50
2	Techment, Bhilai	15 Jan, 2020	2
3	Softomatic, Bhilai	18 Jan, 2020	1
4	Arth Metallurgical Group	21 Jan, 2020	3
5	Ethereal Technologies Network Pvt. Ltd. Bhilai	22 Jan, 2020	1
6	Doubtnut, Noida	28 Jan, 2020	15
7	Globussoft, Bhilai	18 Feb, 2020	10
8	Finology Ventures	24 Feb, 2020	1
9	Pie Infocomm, Lucknow	25 Feb, 2020	10
10	Repherral India Pvt. Ltd.	02 Mar, 2020	4
11	Laxmi Agni Components	03 Mar, 2020	5
12	Live Tech, Hyderabad	03 Mar, 2020	4
13	Epitome India Pvt. Ltd.	02 Mar, 2020	4
14	Sanjeev Auto parts	03 Mar, 2020	4
15	Tata Consultancy Services	Dec, 2019	5
16	Capgemini	08 Mar, 2020	1
17	IBM	04 Feb, 2020	1
18	Adani Group	07 Mar, 2020	1
19	Zimetrics, Pune	15 Feb, 2020	4
20	Vone India	03 Mar, 2020	6
<b>Total</b>			<b>132</b>

Apart from above listed companies, following companies also visited the campus for placement, but their final selection list of students is awaited.

SN	Name of Company	Date	No. of Shortlisted Student
1	Click2Cloud	17 Feb, 2020	21
2	Topper Tech	15 Feb, 2020	14
3	Amicus Technology Pvt. Ltd	06 Mar, 2020	10
4	JayswalNeco Industries	20 Feb, 2020	Awaited

**Action Taken by BoG:** Appreciated by the BoG.

**TEQIP III 10/4**

**Action Plan Details of Q1(July–Sept. 2020)**

The head wise expenditure planed and allocated amount for Q1(April-June 2020) is as below

Expenditure Heads	Estimated Amount(Rs.)	Allocated Amount (Rs.)
1.1.1.1 - Equipment	55,56,850	0
1.1.1.4 - Minor Civil Work	5,61,864	0

1.1.2.1 - Improve students' learning	27,99,101	22,00,000
1.1.2.2 - Research Assistantships	1,51,600	1,45,536
1.1.2.3 - Graduates employability	24,31,000	31,20,192
1.1.2.4 - Faculty/staff development and motivation	14,95,000	14,35,2000
1.1.2.5 - Research and development	3,20,000	3,07,200
1.1.2.6 - MOOCs and digital learning	20,000	19,200
1.1.2.7 - Mentoring/Twinning system	1,50,000	1,44,000
1.1.2.8 - Reforms and governance	50,000	5,12,000
1.1.2.9 - Management capacity development	0	0
1.1.2.10 - Hiring Consultancy Services	0	0
1.1.2.11 - Industry-Institute Interaction	3,65,000	3,50,400
1.1.3.1 - Consumables	40,000	38,400
1.1.3.2 - Operation & maintenance of equipment	20,000	19,200
1.1.3.3 - Office expenses	50,000	48,000
1.1.3.4 - Meetings	30,000	28,800
1.1.3.5 - Hiring of vehicles	1,00,000	96,000
1.1.3.6 - Travel cost	30,000	28,800
1.1.3.7 - Salary	2,40,000	2,30,400
<b>Total (Rs.)</b>	<b>1,52,29,615</b>	<b>87,23,328</b>


**Action Taken by BoG:** Approved by the BoG.


### TEQIP III 10/5

#### Any other Agenda with the permission of Chairman B.O.G

It has been suggested by honorable chairman and members of BoG that proper policy for research grant to faculty members / researchers should be prepared, and also placement related policy should be prepared and institute must function accordingly.

**Action Taken by BoG:** Accepted for necessary action by the BoG

  
 28/5/2020  
 Chairman  
 Board of Governor  
 TEQIP-III Project

  
 Principal and Member Secretary  
 Board of Governor  
 Government Engineering College,  
 Sejbahar, Raipur (C.G.)