



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

**MINUTES OF  
8TH MEETING OF BOARD OF GOVERNORS  
FOR TEQIP – III PROJECT  
HELD ON  
19<sup>TH</sup> OCTOBER 2019  
PLACE- GEC RAIPUR**

## Minutes of Meeting held on On 19<sup>th</sup> October 2019

Minutes of the meeting of Board of Governors, Government Engineering College, Raipur held on 19<sup>th</sup> October 2019 at Principal's Chamber, Government Engineering College, Raipur.

### Member Present: On 19<sup>th</sup> October 2019

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

### TEQIP III 8/1 - Confirmation and Approval of minutes of 7<sup>th</sup> TEQIP III BoG meeting held on 16<sup>th</sup> July, 2019

Minutes of 7<sup>th</sup> TEQIP III BoG meeting held on 16<sup>th</sup> July, 2019 were placed before the BOG. The minutes were circulated among member of the BOG and no addition, alteration, deletion or modification were received. The minutes were confirmed by the BOG.

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

### TEQIP III 8/2 - Activities performed after 16<sup>th</sup> July, 2019

The details of Work performed after 16<sup>th</sup> July, 2019 has been placed for discussions before the BoG. The activities performed mentioned in agenda were performed after 16<sup>th</sup> July, 2019 under following sub heads and was thoroughly examined by BoG.

1. **Procurement:** Following equipment, software, furniture and learning materials were planned in Q2 (July - Sept 2019) procured through PMSS.

S.NO	Package Code	Package Name	Quantity	Value
1	TEQIP-III/2019/CG/gecr/48	Inst_Server_UPS	1	3,98,500.00
2	TEQIP-III/2019/CG/gecr/49	Inst_MSoffice 2019	35	2,43,250.00
3	TEQIP-III/2019/CG/gecr/50	Inst_OS windows 10	20	2,58,000.00
4	TEQIP-III/2019/CG/gecr/51	Inst_Anti Virus	150	86,999.00
5	TEQIP-III/2019/CG/gecr/52	Inst_IEEE ASSP	1	5,13,945.00
6	TEQIP-III/2019/CG/gecr/53	Inst_Table & Chair for TEQIP faculty	21 Set	3,36,440.00
<b>Total (Rs.)</b>				<b>18,37,134.00</b>

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

**2. Improve Student learning:** Following activities were conducted ;

<b>Name of Programme</b>	<b>Place</b>	<b>Date</b>	<b>Expenditure (Rs.)</b>
Expert Lecture on “Sedimentation Analysis” for 5th & 7th sem. Students of Civil Dept. by Dr. Manikant Verma, Asstt. Prof., NIT, Raipur	GEC, Raipur	22-Jul-19	4,680.00
NPIU meeting on “Improving the Employability of Engineering Graduates (Soft Skills)”, attended by Dr. Y. P. Banjare and Dr. R. H. Talwekar	AICTE office, New Delhi	22-Jul-19	51,160.00
Expert lecture on “ Environmental clearance of various Civil Engineering Projects & Environment Impact Assessment (EIA)” for Students of 5th & 7th sem. of Civil Engineering by Dr. Samir Bajpai, Prof. NIT, Raipur	GEC, Raipur	19-Aug-19	7,171.00
Expert lecture on “Energy Conservation” by Mr. Abhishek Kumar Shukla, Asstt. Engineer, CREDA for students of 5 <sup>th</sup> and 7 <sup>th</sup> Semester, Civil Engineering	GEC, Raipur	14-Sep-19	4,260.00
Workshop on “ Automation and Shell Programming” by Mr. Madan Tiwari, Consultant, RGEN Soft, Nagpur for students of 3 <sup>rd</sup> & 5 <sup>th</sup> Computer Science and Engineering.	GEC, Raipur	18-19 Sept 19	28,248.00
Workshop on “Latest Development in Solar Technologies” for Students of Mechanical Engineering, 3 <sup>rd</sup> , 5 <sup>th</sup> and 7 <sup>th</sup> Semester.	GEC, Raipur	20-21 Sept. 2019	1,28,784.00
Subject Lecture on : “Importance of Geotechnical Laboratory and Field Testing in Civil Engineering Construction Practice” by Dr. Laxmikant Yadu, Asso. Prof. NIT, Raipur for students of 5 <sup>th</sup> Semester, Civil Engineering.	GEC, Raipur	20-Sep-19	5,100.00
Expert Lecture on “Water dispute between various regions - a case study of Chhattisgarh Region” by Mr. Jayant Kumar Bisen, AE, CGWRD for students of 5 <sup>th</sup> and 7 <sup>th</sup> Semester of Civil Engineering.	GEC, Raipur	21-Sep-19	6,120.00
<b>Total (Rs.)</b>			<b>2,35,523.00</b>

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

**3. FS&D:** Following activities were conducted under subhead Faculty/Staff development and motivation;

Name of Programme	Place	Date	Expenditure (Rs.)
One Day orientation workshop for Principal Investigator (PI's) of Collaborative Research Scheme (CRS) under TEQIP-III, attended by TEQIP faculties 1. Dr. Ajay Kr. Kushwaha, Asstt. Prof.(ET&T) 2. Mr. Jawaharlal Bhukya, Asstt. Prof. (EEE) 3. Mr.AshwaniYadav, Asstt. Prof. (EEE) 4. Mr. Praveen Mishra, Asstt. Prof. (EEE)	AICTE Auditorium, New Delhi	16-Jul-19	39,021.00
STTP on "Additive Manufacturing" attended by 1. Mr. Prashant Sahu, Asstt. Prof. (Mech) 2. Mr. Suraj Kr. Chand, Asstt. Prof. (Mech)	NITTTR, Chandigarh	05-09 Aug. 2019	61,506.00
NPIU workshop on "Environment Management Framework" participated by TEQIP faculty Mr. Girja Shankar Patel, Asstt. Prof. (Civil).	Hotel Swosti Premium Ltd. Bhubaneswar	21-22 Aug. 2019	16,612.00
STTP on Communication Skills, attended by 1. Ms. Swastika Patel, Asstt. Prof. (Mech) 2. Mr. Rahul Sahu, Asstt. Prof. (Mech) 3. Ms. Anju Jangde, Asstt. Prof. (Civil).	NITTTR, Chandigarh	16-20 Sept. 2019	1,09,088.00
<b>Total (Rs.)</b>			<b>2,26,227.00</b>

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

**4. Mentoring/ Twinning:** Following activities conducted with GCE Salem;

Name of Programme	Place	Date	Expenditure (Rs.)
Visit of faculties for NBA guidance from GCE, Salem.	GEC, Raipur	28-31 Aug. 2019	56,615.00
FDP on "Experimental Design Prediction of Mathematical Modelling and Optimization Tools for Engineering Applications using MATLAB" attended by faculties listed below, 1. Dr. Shailesh Dhar Diwan, Asso. Prof. (Maths) 2. Dr. Vikas Kumar Jain, Asso. Prof. (Chem) 3. Mr. Bhavyavesh Sahu, Asstt. Prof.(Mech) Mr. Gulab Verma, Asstt. Prof. (Mech)	GCE, SALEM	03-07 Sept. 2019	1,30,099.00

4. Ms. Poova Sharma, Asstt. Prof.(EEE) 5. Mr. Ravikumar, Asstt. Prof.(ET&T) 6. Mr. Mangal Singh Meravi, Asstt. Prof.(Civil)			
Expert Lecture on “Recent trends in Engineering Materials and Manufacturing Technology” by Dr. S. Dhanlaxmi and Prof. N. Thenammai, GCE Salem	GEC, Raipur	06-07 Aug. 2019	35,844.00
Subject lecture on “Fluid Mechanics I – Unit 1 & 2 ” by Prof. VCA Ashok Kumar, GCE Salem for students of 3 <sup>rd</sup> Semester Civil Engineering.	GEC, Raipur	17-19 Sept. 2019	26,940.00
Subject lecture on “Geotechnical Engineering I” -by Dr. G Arun Kumar, GEC Salem for students of 5 <sup>th</sup> Semester Civil Engineering.	GEC, Raipur	17-19 Sept. 2019	
<b>Total (Rs.)</b>			<b>2,49,498.00</b>

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

**5. Reforms & Governance:** Following activities including Performance Audit activities were conducted;

<b>Name of Programme</b>	<b>Place</b>	<b>Date</b>	<b>Expenditure (Rs.)</b>
Performance Audit during August 2018-August 2019 conducted by Expert – Dr. Sanjay Shamrao Dambhare. (Nominated by NPIU)	GEC, Raipur	02-04 Aug. 2019	60,243.00
Meeting on requirements related to the “Modules and functionalities of ERP and selection of Single Point Of Selection (SPOC) Implementation of ERP” attended by Mr. Manjit Sonwani, Asstt. Prof. (ET&T)	NPIU office, New Delhi	28-Aug19	12,937.00
NBA Team visit for Accreditation of ET&T and EEE Branches.	GEC, Raipur	30-31 Aug.19- 01 Sept.19	1,96,050.00
Internal Audit by M/S Agrawal and Associates, Chandigarh.	GEC, Raipur	04 Oct 2019	Nil
<b>Total (Rs.)</b>			<b>2,69,230.00</b>

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

**6. Industry Institute Interaction:** Following activities of visiting Industries were conducted;

<b>Name of Programme</b>	<b>Place</b>	<b>Date</b>	<b>Expenditure (Rs.)</b>
Visit to Various industries for making cloud centre at GEC Raipur and Start-up activity by Dr. R.H. Talwekar	Industries at Nagpur	25-27 July 2019	52,069.00
Industry Visit to Indian Meteorological Department (IMD), Lalpur, Raipur By 5 <sup>th</sup> semester Civil department students.	Indian Meteorological Department, Raipur	18-Sep-19	4,000.00
Industry Visit to CSEB GIS Substation Ravanbhata, Raipur, by Students of 3rd sem. EEE	CSEB GIS Substation Ravanbhata, Raipur	19-Sep-19	5,700.00
Study visit to Tandula Dam Balod for students of 7 <sup>th</sup> Semester Civil Engineering Dept.	Balod	20-Sep.19	15,198.00
Industry visit to Anika Cold Storage Urla, Raipur for students (5th & 7th sem) of Mechanical Engineering Dept.	Urla Raipur	22-Sep.19	14,480.00
<b>Total (Rs.)</b>			<b>91,447.00</b>

**Action Taken by BoG:** Approved by BoG

**TEQIP III 8/3 - Points for information to BoG**

The Points for information has been placed for discussion before the BoG and was thoroughly examined.

1. **2<sup>nd</sup> Performance Audit of August 2018 to August 2019** was conducted on 2<sup>nd</sup>, 3<sup>rd</sup> and 4<sup>th</sup> August 2019, by Dr. Sanjay Shamrao Dambhare from COEP Pune. The performance audit grade is improved from 2.07 to 1.33 and total score in twinning is also improved from 1.71 to 1.14 in comparison to last audit.

**Action Taken by BoG:** Noted by BoG

2. Employability test (AMCAT) is conducted by NPIU empaneled Aspiring Minds Assessment Private Limited, Gurugram during 26-30<sup>th</sup> August, 2019. Following number of students appeared in the AMCAT test, 1st Year: 238, 2nd Year: 253, 3rd Year : 267, 4th Year : 183. Grand total is 941. Brief of AMCAT result are as follows

Sl No.	Year	Brief of the Result
1	4 <sup>th</sup> Year:	<ul style="list-style-type: none"> <li>○ The performance of the 4<sup>th</sup> Year students is good in <b>Electronics and Semiconductor Engineering and Civil Engineering</b>, which is commendable. They have performed <b>satisfactory in Electrical Engineering and Production Engineering</b>, whereas extra efforts can make a tremendous difference in performance. However, the students' performance is <b>not satisfactory in English Comprehension, Quantitative Ability, Logical Ability and Mechanical Engineering</b>, therefore additional training sessions and corrective measures are required by the campus authorities.</li> <li>○ <b>Computer Engineering stream performed outstandingly well in maximum number of modules.</b> Also, Other stream performed poorly in maximum number of modules in comparison to other streams, and therefore need special attention.</li> </ul>
2	3 <sup>rd</sup> Year	<ul style="list-style-type: none"> <li>○ The performance of the 3<sup>rd</sup> year students is not satisfactory in <b>English Comprehension, Quantitative Ability and Logical Ability</b>, therefore additional training sessions and corrective measures are required by the campus authorities.</li> <li>○ <b>Computer Science stream performed outstandingly well in maximum number of modules.</b> Also, Electronics stream performed poorly in maximum number of modules in comparison to other streams, and therefore need special attention.</li> </ul>
3	2 <sup>nd</sup> year	<ul style="list-style-type: none"> <li>○ The performance of the students is not satisfactory in <b>English Comprehension, Quantitative Ability and Logical Ability</b>, therefore additional training sessions and corrective measures are required by the campus authorities.</li> <li>○ <b>Electrical stream performed outstandingly well in maximum number of modules.</b> Also, Electronics and Mechanical streams performed poorly in maximum number of modules in comparison to other streams, and therefore need special attention.</li> </ul>

4	1 <sup>st</sup> year	<ul style="list-style-type: none"> <li>○ The performance of the B.Tech/B.E students in your campus is not satisfactory in <b>English Comprehension, Quantitative Ability, Logical Ability and Basic IT Applications</b>, therefore additional training sessions and corrective measures are required by the campus authorities.</li> <li>○ <b>Computer Science, IT stream performed outstandingly well in maximum number of modules.</b> Also, Civil stream performed poorly in maximum number of modules in comparison to other streams, and therefore need special attention.</li> </ul>
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**Action Taken by BoG:** Noted by BoG.

3. As per the instruction received from NPIU for in house GATE 2020 coaching and Employability Skill Development training a survey was conducted in the institute. 126 students in GATE and 74 students in Employability Skill Development had given consent for respective courses. On this basis, invitation were called among the NPIU empanelled service provider. Gate Forum, Secundrabad for GATE coaching and T.I.M.E, Secundrabad were selected as L1 and order were issued. GATE 2020 coaching & Employability Skill Development Training classes were started on 9<sup>th</sup> August 2019. Hardcopy of study material was collected and distributed to the students. An amount of Rs. 11,15,100/- for GATE Forum and Rs. 1,29,670/- for T.I.M.E were paid towards the Milestone-I.

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

4. Poor attendances were observed during the coaching continuously till 18<sup>th</sup> September 2019. It was discussed with Heads to motivate the students and no interest is observed even after motivation from heads. The meeting was held on 30<sup>th</sup> September 2019 under chairmanship of Principal with all HODs and Service provider representative to discuss continuation of courses and decided to suspend the GATE 2020 & Employability Skill Development Training services from 30<sup>th</sup> September 2019.

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

5. Mr. KHP Ram as Senior TEQIP Administrator and Mr. Akhileshwar Kumar Singh as Project Assistant delivered the services satisfactorily in TEQIP III project during 17.09.2018 to 17.08.2019. It is recommended to continue their services for next 11 months from the date of 18.08.2019 to 18.07.2020, respectively.

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



6. The GEC Raipur is listed among the well performing institute and NPIU has released additional fund of One crore to support the TEQIP activities. The Quarter 3 (Oct, Nov, Dec 2019) Action plan listed in Agenda Point TEQIP III 8/4 is submitted to the SPIU/ NPIU.

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

7. Under Collaborative Research Scheme (CRS) four projects have been selected by NPIU with sanctioned amount of Rs. 53,84,000/-.TEQIP faculties details are as below

Sl. No	Name of the Faculty	Sanctioned amount
1	Dr. AJAY KUSHWAHA	Rs.1400000
2	Mr. ASHIWANI YADAW	Rs.1245000
3	Mr. PRAVEEN MISHRA	Rs.1417000
4	Mr. JAWAHAR BHUKYA	Rs. 1322000

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

8. TEQIP faculty Mr. Takesh Kumar, Asstt. Prof. (Mech) has taken admission for PhD programme at NIT Raipur. Fees amount Rs. 27,300/- will be reimbursed under TEQIP as per rule.

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

#### **TEQIP III 8/4 Q3 (October - December) Quarterly Action Plan**

The details of Q3 activities for (October - December) has been placed before the BoG and examined by BoG.

Head	Institute Prepared Budget (Rs.)	NPIU Approved allocation Amount (Rs.)
Procurement	61,65,192.00	61,65,192.00
Academics	75,28,472.00	42,97,025.00
IOC	8,50,000.00	6,40,000.00
<b>Total</b>	<b>1,45,43,664.00</b>	<b>1,11,02,217.00</b>

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

#### **TEQIP III 8/5 Any other Agenda with permission of Chairman BoG.**

(1) The details of Three week induction program which was conducted during 29<sup>th</sup> July, 2019 to 23<sup>rd</sup> August 2019 has been prepared and placed before the BoG. The total expenditure of Rs.5,33,950/- for induction programme was paid from Institutional Development fund.

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

(2) The following activities along with budget listed, these are essential for the smooth condition and development of Institute.

### 1. Minor Civil Work (Partition of E & C Blocks)

Component	Items	Justification	Amount (Rs.)
Minor Civil Work	Partition of E & C Blocks	Partitions required to create labs in C & E Blocks, five rooms in C Block, 15 rooms in E Block; estimate from PWD is attached	35,53,969.00

Action Taken by BoG: Approved by BoG.

### 2. Facilities at Girls Hostel

Component	Items	Justification	Amount (Rs.)
Girls Hostel	Man Power for Hostels	Care taker (1), Servant (4), Sweeper (2) at Collectorate rate @Rs-78200/- for 10 months.	7,82,000.00
	Phone Facility	Smart Mobile Phone with sim	10,000.00
	Furniture (no furniture are available)	Furniture (Table- Rs 2500/-; Chair Rs-1500/-; Bed Rs-3500/-; Almirah Rs-20000/-; for 125 girls)	34,37,500.00
	Dinning Utensils (no utensil are available)	15 Dining Tables with 125 chairs and other utensils	10,00,000.00
	Pad Vending & Disposal Machine	Required for girls hostel.	50,000.00
	Washing Machine (no washing facilities are available)	4 semi-automatic washing machines (7.5 Kg) are required for more than 100 girls.	80,000.00
	LED TV	55 Inch, color TV	75,000.00
	Electricity Facility (Presently no electrical facilities are available)	Fan (Rs-2500/-; Switches/sockets/cable/boxes/led bulbs Rs-500/-; fitting charges Rs-100/-for 125 Girls	3,87,500.00
<b>Total</b>			<b>58,22,000.00</b>

Action Taken by BoG: Approved by BoG.

### 3. Library including E-Journal, E-books, RFID stickers and Smart card

Component	Items	Justification	Amount (Rs.)
Library	E - Journal	Mandatory for coming AICTE approval for Year 2020-21 to be purchase for Mech& Civil	6,00,000.00
	E - Books	Mandatory for coming AICTE approval for Year 2020-21 to be purchase	5,00,000.00
	RFID	Automated book issue machine is	1,00,000.00

	Cards for Books	available for books issue. 5000 books are without RFID cards. Estimate is attached.	
	Smart Cards for students/ Faculties	Smart card is needed to issue books in users name/account. 1000 Smart Cards are needed for Students /faculties. Estimate is attached.	1,00,000.00
<b>Total</b>			<b>13,00,000.00</b>

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

#### 4. Funds for projects which is part of curriculum.

Component	Items	Justification	Amount (Rs.)
Funds for projects	Part of curriculum	Students are doing minor and major projects by investing personal money and thus it is objected by Performance Auditor as well as NBA experts. Funding for every session is a must to have good projects and will increase academic level of the institutes and help to achieve NBA.	5,00,000.00
		M Baja	3,00,000.00
<b>Total</b>			<b>8,00,000.00</b>

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

#### 5. Fee for Research Centre

Component	Items	Justification	Amount (Rs.)
Fee for Research Centre	El & TC, EEE, Mech. and Basic Science	Four proposals are ready to be sent to CSVTU. Processing for each Proposal is Rs-11000/-	44,000.00

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

#### 6. Street Lights: Replacing LED Street Lights

Component	Items	Justification	Amount (Rs.)
Street Lights	LED Street Lights	137 Sodium lamps of 150 Watts are used in street lighting costing electricity charges to Rs-25000.00 per month. If replaced by 25W LED lamps will save the electricity.	11,50,000.00

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

## 7. Security Guards for Block A, C, E and Girls hostel plus campus security

Component	Justification	Amount (Rs.)
Security Guards	17 Guards are requiring Block A, C, E and Girls hostel plus campus security.	28,00,000.00

Action Taken by BoG: Approved by BoG.

## 8. Bus Facility for students

Component	Justification	Amount (Rs.)
Bus Facility	College bus is going pick & drop students from Santoshi Chowk with a run of 60Km per day, consuming 15 litres of Diesel per day plus maintenance	3,50,000.00

Action Taken by BoG: Approved by BoG.

## 9. Components for repairing

Component	Items	Justification	Amount (Rs.)
Components for repairing	Computer/Printer/ Photocopier components	Maintenance of Computers/Printers/ Photocopiers are required to keep in working conditions	5,00,000.00

Action Taken by BoG: Approved by BoG.

## 10. Vehicle Insurance as per new act.

Component	Items	Justification	Amount (Rs.)
Vehicle Insurance	New act implanted	Bolero, Car and Bus must have insurance and estimate from New India assurance is attached.	72,300.00

Action Taken by BoG: Approved by BoG.

## 11. Induction Program

Component	Items	Justification	Amount (Rs.)
Induction Program	Mandatory as per AICTE	21 days training for first year students with breakfast, tea & biscuits @ Rs 100/- per student plus 18% GST	5,89,764.00

Action Taken by BoG: Approved by BoG.

## 12. Diesels for DG Sets

Component	Items	Justification	Amount (Rs.)
Diesels	DG Sets	Two DG Sets of 380 KVA & 100 KVA capacity are for Block A & B. The consumption of sets is 40 and 20 litres per hour. The average diesel consumption per month is Rs-20000/- pm.	2,40,000.00

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

## 13. Mega Placement Camp conducted at GEC Raipur

Component	Items	Justification	Amount (Rs.)
<b>Mega Placement Camp</b>	GEC Raipur	In association with DTE Raipur campus placement drive for GEC Raipur, Bilaspur and Jagadapur students is scheduled on 21 <sup>st</sup> and 22 <sup>nd</sup> October 2019 at GEC Raipur Campus. Estimated expenditure towards lodging, food and hospitality.	6,90,000

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



Chairman  
BOG  
TEQIP-III, Project



Principal  
Govt. Engineering College  
Raipur (C.G.)