



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

AGENDA

**8TH MEETING OF BOARD OF GOVERNORS
FOR TEQIP – III PROJECT**

ON

19TH OCTOBER 2019

PLACE- GEC RAIPUR

8th Meeting of Board of Governors

Dated:19th October 2019

Place: -GEC, Raipur.

Time: -11:00 AM.

AGENDA POINTS

1. Confirmation and approval of minutes of 7th BoG meeting held on 16th July, 2019.
2. Activities performed after 7th BoG meeting.
3. Points for information to BoG.
4. Action Plan of Q3 (October, November and December 2019).
5. Any other Agenda with the permission of Chairman BoG.

Agenda Point TEQIP III8/1
Confirmation and approval of minutes of 7th BoG meeting held on 16th July, 2019

There is no communication regarding any modifications, alteration, addition or subtraction in the minutes of 7th BoG meeting circulated among BoG members.

Agenda Point TEQIP III8/2
Activities performed after 16th July, 2019

1. Procurement

Following equipment, software, furniture and learning materials were 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
Total (Rs.)				18,37,134.00

2. Academic Process

2.1 Improve Student Learning:

The following activities have been performed after 7th BoG meeting:

Name of Programme	Place	Date	Expenditure (Rs.)
Expert Lecture on “Sedimentation Analysis” for 5th & 7th sem. Students of Civil Dept. by Dr. Mani Kant 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 th and 7 th 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 rd & 5 th 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 rd , 5 th and 7 th 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 th 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 th and 7 th Semester of Civil Engineering.	GEC, Raipur	21-Sep-19	6,120.00
Total (Rs.)			2,35,523.00

2.2 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. Ashwani Yadav, 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)	NITTTR, Chandigarh	05-09 Aug. 2019	61,506.00

2. Mr. Suraj Kr. Chand, Asstt. Prof. (Mech)			
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
Total (Rs.)			2,26,227.00

2.3 Mentoring / Twinning System:

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) 4. Ms. Poova Sharma, Asstt. Prof.(EEE) 5. Mr. Ravikumar, Asstt. Prof.(ET&T) 6. Mr. Mangal Singh Meravi, Asstt. Prof.(Civil)	GCE, SALEM	03-07 Sept. 2019	1,30,099.00
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 rd 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 th Semester Civil Engineering.	GEC, Raipur	17-19 Sept. 2019	
Total (Rs.)			2,49,498.00

2.4 Reforms, Governance:

Name of Programme	Place	Date	Expenditure (Rs.)
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
Total (Rs.)			2,69,230.00

2.5 Institute Industry interaction:

Name of Programme	Place	Date	Expenditure (Rs.)
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 th 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 th Semester Civil Engineering Dept.	Balod	20-Sep.19	15,198.00
Industry visit to Anika Cold Storage Urla, Raipur for students (5 th &7 th sem) of Mechanical Engineering Dept.	Urla Raipur	22-Sep.19	14,480.00
Total (Rs.)			91,447.00

Agenda Point TEQIP III/8/3
Points for information to BoG

1. **2nd Performance Audit of August 2018 to August 2019** was conducted on 2nd, 3rd and 4th August 2019, by Dr. Sanjay Shamrao Dambhare from COEP Pune. The performance audit grade is improved from 2.07 to 1.33 and also total score in twinning is improved from 1.71 to 1.14 in comparison to last audit.
2. Employability test (AMCAT) is conducted by NPIU empaneled Aspiring Minds Assessment Private Limited, Gurugram during 26-30th 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.
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 9th August 2019. Hardcopy of study material was collected and distributed to the students. Amount Rs. 11,15,100/- for GATE Forum and Rs. 1,29,670/- for T.I.M.E paid towards the Milestone-I.
4. Poor attendances were observed during the coaching continuously till 18th September 2019. It was discussed with Heads to motivate the students and no interest is observed. Meeting was held on 30th September 2019 under chairmanship of Principal with all HODs and Service provider representative to discuss the improvement and decided to suspend the GATE 2020 & Employability Skill Development Training services suspended on 30th September 2019.
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.

6. The GEC Raipur is listed among the 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 for approval.
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 Dr. AJAY KUSHWAHA (Rs.1400000/-),Mr. ASHIWANI YADAW (Rs.1245000/-), Mr. PRAVEEN MISHRA (Rs.1417000/-) and Mr. JAWAHAR BHUKYA (Rs. 1322000/-).
8. TEQIP faculty Mr. Takesh Kumar, Asstt. Prof. (Mech) taken admission for PhD programme at NIT Raipur. Fees amount Rs. 27,300/- will be reimbursed under TEQIP as per rule.

Agenda Point TEQIP III8/4
Action Plan Details of Q3(Oct. - Dec. 2019) Fund

Expenditure Heads	Estimated Amount(Rs.)
1.1.1.1 - Equipment	61,65,192.00
1.1.2.1 - Improve students learning	27,65,507.00
1.1.2.2 - Research Assistantships	2,00,000.00
1.1.2.3 - Graduates employability	3,00,000.00
1.1.2.4 - Faculty/staff development and motivation	2,69,2320.00
1.1.2.5 - Research and development	1,00,000.00
1.1.2.6 - MOOCs and digital learning	26,308.00
1.1.2.7 - Mentoring/Twinning system	3,60,000.00
1.1.2.8 - Reforms and governance	2,05,720.00
1.1.2.9 - Management capacity development	1,10,000.00
1.1.2.10 - Hiring Consultancy Services	0.00
1.1.2.11 - Industry-Institute Interaction	7,68,617.00
1.1.3.1 - Consumables	60,000.00
1.1.3.2 - Operation & maintenance of equipment	4,00,000.00
1.1.3.3 - Office expenses	30,000.00
1.1.3.4 - Meetings	30,000.00
1.1.3.5 - Hiring of vehicles	60,000.00
1.1.3.6 - Travel cost	30,000.00
1.1.3.7 - Salary	2,40,000.00
Total (Rs.)	1,45,43,664.00

Agenda Point TEQIP III 8/5

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

1. Three week induction program was conducted for 1st Year Students during 29th July 2019 to 23rd August 2019. Total Rs. 5,33,950/- amount was paid from the Institutional fund.
2. The following items are required for smooth conduct of institute as well as to fulfil the AICTE/NBA/GoI/ State norms issued time to time. Institutional fund will be used with approval of BoG.

SN	Component	Items	Justification	Amount
1	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
(1) Sub Total RS.				35,53,969.00
2	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
		Furnitures	Furnitures (Table- Rs 2500/-; Chair Rs-1500/-; Bed Rs-3500/-; Almirah Rs-20000/-; for 125 girls)	34,37,500.00
		Dinning Utensils	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	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	Fan (Rs-2500/-; Switches/sockets/cable/boxes/led bulbs Rs-500/-; fitting charges Rs-100/-for 125 Girls	3,87,500.00
(2) Sub Total RS.				58,22,000.00
3	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 Cards for Books	Automated book issue machine is available for books issue. 15000 books are without RFID cards. Estimate is attached.	1,00,000.00
		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
(3) Sub Total RS.				13,00,000.00
4	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	5,00,000.00

			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.	
			M Baja	3,00,000.00
5	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
6	Street Lights	LED Street Lights	137 Sodium lamps of 250 Watts are used in street lighting costing electricity charges to Rs-50000.00 per month. If replaced by 25W LED lamps will cost to Rs. 5600/- per months. Estimate is attached.	11,50,000.00
7	Security Guards		17 Guards are requiring Block A, C, E and Girls hostel plus campus security.	28,00,000.00
8	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
9	Components for repairing	Computer/Printer/ Photocopier components	Maintenance of Computers/Printers/ Photocopiers are required to keep in working conditions	5,00,000.00
10	Vehicle Insurance	New act implanted	Bolero, Car and Bus must have insurance and estimate from New India assurance is attached.	72,300.00
11	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
12	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
13	Mega Placement Camp	GEC Raipur	In association with DTE Raipur campus placement drive for GEC Raipur, GEC Bilaspur and GEC Jagadapur students is scheduled on 21 st and 22 nd October 2019 at GEC Raipur Campus. Estimated expenditure towards lodging, food and hospitality.	6,90,000
(4) Sub Total RS.				72,36,064.00
Grand Total Rs.				1,79,12,033.00

B. P. Mishra

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