



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

**MINUTES OF
9TH MEETING OF BOARD OF GOVERNORS
FOR TEQIP – III PROJECT
HELD ON
1ST FEBRUARY 2020
PLACE- GEC RAIPUR**

OR

Minutes of Meeting held on 1st February 2020

The meeting of Board of Governors, Government Engineering College, Raipur held on 1st February, 2020 at Principal's Chamber, Government Engineering College, Raipur.

Member Present: On 1st February 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 9/1 - Confirmation and Approval of minutes of 8th TEQIP III BoG meeting held on 19th October, 2019

Minutes of 8th TEQIP III BoG meeting held on 19th October, 2019 was placed before the BoG. The minutes was 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 9/2 - Activities performed after 19th October, 2019

The details of Work performed after 19th October, 2019 has been placed for discussions before the BoG under following sub heads and it was thoroughly examined by BoG.

1. Procurement

The details of procurement activities in Q3 (Oct-Dec 2019) has been prepared and placed before the BOG. Thoroughly Examined by BoG and discussed in details. Chairman Sir has suggested that the procurement activities except placing the order can be completed during the code of conduct of election and it will help to expedite the progress of the project.

S.No.	Package Code	Package Name	Total Cost (Rs.)
1	TEQIP-III/2019/CG/gecr/57	EEE Lab: Digital Multimeter	72,924.00
2	TEQIP-III/2019/CG/gecr/58	EEE Lab: Dc Regulated Power Supply	70,623.00
Total (Rs.)			1,43,547.00

Action Taken by BoG: Approved by the BoG.

2. Academic Process

Initiative list of activities has been prepared and placed before the BoG. Thoroughly Examined by BoG and discussed in details. BoG suggested that to develop and adapt best evaluation practices for students and faculties with standard practices and NBA requirement. BoG suggested that GEC, should have the academic autonomy to achieve higher academic standards.

2.1 Improve Students Learning:

The total sanctioned amount for Improving Students Learning was Rs.4,00,000/- and the expenditure is Rs.2,80,512/. The details are as listed below:

S N	Name of Programme	Place	Date	Expenditure (Rs.)
1	Expert Lecture conducted on "Dynamics of Fluid Flow" by Dr. Mani Kant Verma, Asstt. Prof., NIT, Raipur for 3rd Sem. students, Civil Engg.	GEC, Raipur	20-Nov, 2019	4,300.00
2	Educational Visit to Ultratech Ready Mix Concrete Plant, Sherikhedi, Naya Raipur by 3rd Sem. students of Civil Engg.	Sheri khedi, Naya Raipur	22-Nov, 2019	6,265.00
3	Educational Visit to Gangrel Dam to study Dam structure and seepage gallery by 5th Sem. students of Civil Engg.	Gangrel Dam, Dist.Dhamtari	21-Nov, 2019	15,891.00
4	Expert lecture conducted on "Advanced Thermodynamics" by Dr. Bal Krishna Mehta, IIT Bhilai. Attended by 3rd Sem students of Mechanical Engg.	GEC, Raipur	22-Nov, 2019	9,460.00
5	Expert lecture held on "Application of Boundary Layer" by Dr. Mrinal Kaushik, IIT, Kharagpur for 5th Sem. students of Civil Engg.	GEC, Raipur	23-Nov, 2019	26,345.00
6	Expert Lecture on "Effects of Climate Change and Government Strategies" by Dr. S. D. Attri, Indian Metrological Deptt. New Delhi, Mr. Shankar G. Agrawal, Senior Scientist, CSIR, National Physical Laboratory, Dr. Fahmida Khan, Prof., NIT, Raipur participated by 24 faculty and Students from all branches.	GEC, Raipur	25-Nov, 2019	67,162.00
7	Student Induction program from 1st Year Students, attended by All students of 1st year all branches.	GEC, Raipur	29 July - 19 Aug, 2019	81,615.00
8	NASSCOM Diagnostic Test, participated by All Students,	GEC, Raipur	4-5 Dec 19 & 26-28 Dec, 19	660.00
Total (Rs.)				2,80,512.00

Action Taken by BoG: Approved by the BoG.

2.2 Faculty/Staff development and motivation:

The expenditure for Q3 (Oct. – Dec, 2019) is Rs.1,80,843 against the sanctioned budget of Rs.21,20,000/- for Faculty/Staff development and the details are as listed below.

SN	Name of Programme	Place	Date	Expenditure (Rs.)
1	Workshop on “Outcome based Education” participated by Mr. Manjeet Singh Sonwani, Asstt. Prof., ET & T Department.	Rajya Prashashanik Academy, Nimora, Raipur	05-11 Nov, 2019	320.00
2	FDP on “Ultra Clean and Low Pulsating Gas Turbines” participated Dr. Ajay Tripathi, Asstt. Prof., Mechanical Deptt.	IIT, Indore	3-7 Nov, 2019	45,962.00
3	Workshop on “Filing of SAR” participated by Ms. Swastika Patel, Mr. Rahul Sahu & Mr. Mangal Singh Meravi.	SPIU, Raipur	4-5 Nov, 2019	1,352.00
4	International Conference IEEE UPCAN participated and presented the paper by Dr. Yogendra Upadhyaya.	AMU, Aligarh	8-10 Nov, 2019	17,776.00
5	International Conference on “Recent trends in Chemical Sciences” attended by Dr. Vikas Jain, Asstt. Prof., Basic Science.	Pt. Ravishankar Shukla University, Raipur	14-16 Nov, 2019	7,500.00
6	Professional Development Training attended by Mr. Prashant Sahu, Asstt. Prof., Mechanical Deptt.	IIM, Raipur	18-22 Nov, 2019	1,690.00
7	Workshop on “Action Plan on Academic for remaining period of TEQIP-III” attended by Mr. Rahul Sahu and Mr. Abhishek Agrawal	SPIU, Raipur	22-Nov, 2019	338.00
8	STTP on “Nonlinear Analysis in Earthquake Engineering” attended by Mr. Kamal Shankar Patel.	IISc, Bangalore	25-29 Nov, 2019	31,715.00
9	International Conference on “Soft Computing - Theories and Application (ScCTA-2019)” participated and presented a paper by Dr. Ajay Kumar Kushwaha & Dr. Yogendra Upadhyaya	NIT, Patna	27-29 Dec, 2019	74,190.00
Total (Rs.)				1,80,843.00

Action Taken by BoG: Approved by the BoG.

2.4 MOOCs and Digital Learning:

The total sanctioned amount for MOOCs & Digital Learning is Rs27,000.00/-. The expenditure in Q3 (Oct - Dec 2019) is Rs.16,194/ and details are as listed below

SN	Name of Programme	Place	Date	Expenditure (Rs.)
1	MOOCs course on “Climate Change and Water in Mountains: A Global Concern” completed successfully by Ms. Anju Jangde, Asstt. Prof. in Civil Engg.	University of Geneva through Coursera	July-Sept, 2019	6,398.00
2	MOOCs course on “Wireless communication” completed successfully by Mrs. Chetna Sinha, Asstt. Prof. in EL&T Engg.	Yonsei University through Coursera	July-Sept, 2019	2,096.00
3	NPTEL course on “Solar Photovoltaics Fundamentals, Technology and Applications” completed successfully by Mr. Vineet Kumar Shukla, Asstt. Prof. in Physics Deptt.	NPTEL	July-Sept, 2019	1,100.00
4	NPTEL course on “Solar Photovoltaics Fundamentals, Technology and Applications” completed successfully by Dr. Awanish Kr. Upadhyaya, Asso. Prof. in Physics Deptt.	NPTEL	July-Sept, 2019	1,100.00
5	NPTEL course on “Coordination Chemistry” completed successfully by Dr. Vikas Kr. Jain, Asso. Prof. in Chem. Deptt.	NPTEL	July-Sept, 2019	1,100.00
6	NPTEL course on “Structural Analysis of Nanomaterials” completed successfully by Mr. Ganesh Ram Banjare, Asstt. Prof. in Physics Deptt.	NPTEL	July-Sept, 2019	1,100.00
7	NPTEL course on “Accreditation & Outcome based education” completed successfully by Ms. Swastika Patel, Asstt. Prof. in Mech. Engg.	NPTEL	Aug-Oct, 2019	1,100.00
8	NPTEL course on “Structural Analysis of Nanomaterials” completed successfully by Mr. Rahul Sahu, Asstt. Prof. in Mech. Engg.	NPTEL	Aug-Oct, 2019	1,100.00
9	NPTEL course on “Control Engineering” attended by Mr. Abhishek Agrawal, Asstt. Prof. in EL&T Engg.	NPTEL	Aug-Oct, 2019	1,100.00
Total (Rs.)				16,194.00

Action Taken by BoG: Approved by the BoG.

2.5 Institute Industry interaction:

The total sanctioned amount was Rs.4,00,000/-. The total expenditure for Q3 (Oct - Dec 2019) is Rs.1,03,827/-. Details are as below,

SN	Name of Programme	Place	Date	Expenditure (Rs.)
1	Mega Placement Drive for final year students of GEC, Raipur, Bilaspur and GEC Jagdalpur, All final year students participated.	GEC, Raipur	21-22 Oct, 19	13,610.00

2	Industrial Visit to CIPET Raipur by 3rd and 5th sem. students of Mechanical Engg. with Mr. Gulab Verma and Mr. Bhavyavesh Sahu, Asstt. Prof. of Mech. Deptt.	CIPET, Raipur	18-Nov,19	9,754.00
3	Expert Lecture on “Entrepreneurship Skills and HR Policy in IT Companies” by Mr. Vijay Kr. Jaiswal, HR, Pie Info com, Lucknow and Ms. Suruchi Upadhyay, Software developer, Pie Info com. All students of 5th and 7th sem of all branches participated.	GEC, Raipur	21-22 Oct, 19	61,926.00
4	Industry visit to Crystal IT Park, Indore (MP) for Industry-Institute interaction, Startup Innovation, Training Placement Activity, by Dr. R. H. Talwekar	Crystal IT Park, Indore (MP)	26-27 Dec, 19	18,537.00
Total (Rs.)				1,03,827.00

Action Taken by BoG: Approved by the BoG.

3. Collaborative Research Scheme:

Collaborative Research activities has been prepared and placed before the BoG. Thoroughly Examined by BoG and discussed in details and the BoG appreciated the effort. Under Collaborative Research Scheme, 4 projects have been selected on 18th July, 2019 with sanction of project grant of Rs. 53,84,000/-.

Status of CRS Projects at GEC Raipur (as on 17.01.2020)

SN	Name of the P.I.	Sanctioned Amount	Total Procurement	Remark
1	Dr. Ajay Kumar Kushwaha	14,00,000	12,58,333	Under progress
2	Ashiwani Yadav	12,45,000	10,05,000	Under progress
3	Praveen Mishra	14,17,000	11,90,333	Under progress
4	Jawaharlal Bhukya	13,22,000	8,96,667	Under progress
Total		53,84,000	43,50,333	Under progress

Action Taken by BoG: Approved by the BoG.

TEQIP III 9/3 - Points for information to BoG

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

1. The Diagnostic Assessment test through NASSCOM SSC is conducted in two phases during 4th to 5th December, 2019 and 26th to 28th December, 2019 for B.E. 7th, 3rd and 5th semester students of all the branches. Total 762 students have participated in test out of 845.

Action Taken by BoG: Approved by the BoG.

2. GATE coaching for 2nd year students is planned for 75 hours and 91 students have given the written consent for GATE coaching. Quotation was opened on 22.01.2020 and GATE forum (Thinkcell Learning Solutions Pvt. Ltd), Secundrabad is selected as L1 with total cost of Rs. 1020110/- for 91 students.

Action Taken by BoG: Approved by the BoG.

3. Employability Skill Training for 1st year students is planned for 60 hours and 83 students have given the written consent for Employability Skill Training. Quotation was opened on 14.01.2020 and T.I.M.E., Secundrabad is selected as L1 with total cost of Rs. 158663/- for 83 students.

Action Taken by BoG: Approved by the BoG.

4. Administrative Training organised by Directorate of Technical Education during 2nd December 2019 to 13th January, 2020 at CG Prashashan Academy, Nimora, Raipur, Principal, HoD's, Associate and Assistant Professors attended the training program.

Action Taken by BoG: Appreciated by BoG

5. Dr. Anil Manjhi participated and presented the paper during 9th, 10th January, 2020. A two days International conference on "Through a (new) Looking Glass: Challenges for Women in 21st Century" organised by WDC & IQAC, Shaym Lal College (university of Delhi).

Action Taken by BoG: Approved by the BOG.

6. MSME (Central Government Organisation) training program for 6th semester mechanical students on skill development in ANSYS and Solid works commenced on 16.01.2020 for 96 hours.

Action Taken by BoG: Approved by the BOG.

7. Technical expert team members nominated by CSVTU Bhilai visited Mechanical department on 25th January 2020 for PhD Research centre.

Action Taken by BoG: Approved by the BOG

8. Internal hackathon of 48 hours duration is conducted on 27th and 28th January 2020. The 10 team have participated in the event and 3 teams are selected for the higher round.

Action Taken by BoG: Approved by the BOG

9. NBA documentation work-shop for Mechanical and Civil Engineering departments is conducted on 23rd to 25th January, 2020 by SPIU.

Action Taken by BoG: Approved by the BOG

10. The BAJA, SAE India, ATV competition held at Pithampur, Indore (National Automotive Test Track) on 22nd to 27th January, 2020. Twenty Four students along with 2 faculty members of the mechanical department participated the event. Among 120 participants GEC Raipur team secured 9th position in sales representation, 26th position on cost analysis and 34th position in Design.

Action Taken by BoG: Approved by the BOG

11. 5 students of 4th semester from EEE department will be attending the Global E- Summit- 2020 at IIT, Kharagpur during 31st to 2nd February, 2020.

Action Taken by BoG: Approved by the BOG

12. 3 students of 4th Semester from EEE department attended the Tech-fest at IIT, Bombay during 1st to 5th January, 2020 and attended the workshop in Embedded System Workshop.

Action Taken by BoG: Approved by the BOG

13. ISHRAE two days workshop “HVAC and Central air conditioning system” conducted on 24th and 25th January, 2020 for Mechanical Engineering students.

Action Taken by BoG: Approved by the BOG

14. Placement details are as follows

SN	Name of Company	Branches Eligible	Selected Student Name
1	Mega Placement Drive	All branches	47
2	TCS (Off campus)	CSE, ET&T	5
3	IBM (Off campus)	ET&T	1
4	Techment, Bhilai	ET&T, CSE	2
5	Arth Metallurgical Group	All Branches	3
6	Softomatic, Bhilai	ET&T, CSE	1
7	Ethereal Technologies	ET&T, CSE	1
8	Doubtnut, Noida	All branches	12
Total			72

Action Taken by BoG: Approved by the BOG

15. BoG suggested to take decision as per the recommendation of the Enquiry Committee with case of Ms. Shivani Garg and Mr. Takesh Kumar, the enquiry committee report yet be received. 17 TEQIP Faculties on the basis of their performance and recommendation of HoDs have been incremented for year 2019-20. The increment details are as below,

SN	Name	Department	Current Salary	% of increment	Revised Salary
1	Mr. Harsh Sharma	Civil	70,000.00	3	72,100.00
2	Mr. Girja Shamkar Patel	Civil	70,000.00	2	71,400.00
3	Mr. Rishabh Gaurav	EEE	70,000.00	2	71,400.00
4	Mr. Saurabh Gupta	EEE	70,000.00	2	71,400.00
5	Dr. Vikas Kumar Mishra	EEE	70,000.00	2	71,400.00
6	Mr. Praveen Kr. Mishra	EEE	70,000.00	2	71,400.00
7	Mr. Jawaharlal Bhukya	EEE	70,000.00	1	70,700.00
8	Mr. Ashivani Yadav	EEE	70,000.00	2	71,400.00
9	Mr. Parimal	EEE	70,000.00	2	71,400.00
10	Dr. Ajay Kumar Kushwaha	ET&T	70,000.00	2	71,400.00
11	Mr. Ashish Kumar Sahu	ET&T	70,000.00	3	72,100.00
12	Mr. Nidhee Bhuwal	ET&T	70,000.00	3	72,100.00
13	Ms. Poornima Sonit	ET&T	70,000.00	2	71,400.00
14	Mr. Abhishek Agrawal	ET&T	70,000.00	3	72,100.00
15	Dr. Yogendra Kumar Upadhyaya	ET&T	70,000.00	2	71,400.00
16	Ms. Archana Kumari	ET&T	70,000.00	2	71,400.00
17	Mr. Sunil Kumar Patel	Mech	70,000.00	1	70,700.00

Action Taken by BoG: Approved by BoG.

TEQIP III 9/4 Q4 (January – March, 2020) Quarterly Action Plan

The details of Q4 activities for (January- March,2020) has been placed before the BoG and examined by BoG.

Head	Institute Prepared Budget (Rs.)	NPIU Approved allocation Amount (Rs.)
Procurement	62,07,247.00	14,54,098.00
Academics	68,31,000.00	42,90,500.00
IOC	8,70,000.00	6,75,000.00
Total	1,39,08,247.00	64,19,598.00

Action Taken by BoG: Approved by BoG.

TEQIP III 9/5 Any other Agenda with permission of Chairman BoG.

1. IIT, Bhilai has demanded for additional 350 KVA electricity supply for their building. The institute has no objection to increase the additional 350 KVA electricity supply, if IIT, Bhilai agrees to pay the additional charges due to change in tariff plan/electricity charges in increasing the additional 350 KVA supply, imposed to Government Engineering College, Sejbahar, Raipur. Government Engineering College, Sejbahar, Raipur being the consumer of CSPDCL, Chhattisgarh will help in completing all official formalities to increase the additional electricity supply and all expenditures for this purposes will be borne by IIT, Bhilai. IIT, Bhilai is also requested to give a undertaking to bear all the additional charges imposed to Government Engineering College, Sejbahar, Raipur due to change in tariff plan/electricity charges in increasing the additional 350 KVA supply.

Action Taken by BoG: Approved by BoG.

2. The requests for adjunct faculties from Academic/Industry have been received from Civil, Mechanical, EEE and ET&T and the payment to visiting faculties for conducting classes will be made as per TEQIP norms.

Action Taken by BoG: Approved by BoG.

3. Proposal for Collaborative research project under TEQIP-III is submitted by Dr. R. H. Talwekar, on “Theoretical analysis and design of micro photodiodes materials for artificial retina implant”. Estimated cost is Rs. 5,00,000/-.

Action Taken by BoG: Approved by BoG.

4. Mr. Praveen Mishra (Asst. Prof. EEE,NPIU) is awarded PhD. from NIT Raipur in January 2020 and Mr. Yogendra Upadhyaya (Asst. Prof. ET&T,NPIU) is awarded PhD from Aligarh Muslim University.

Action Taken by BoG: Noted by BoG.

5. Mega Placement Drive for final year students of GEC Raipur, GEC Bilaspur and GEC Jagdalpur was conducted on 21st and 22nd October, 2020. The event management expenditure including stationary, lunch and other expenditure is Rs. 2,81,273/-

Action Taken by BoG: Approved by BoG.

6. The following items are required for smooth conduct of institute/Departments to fulfil the AICTE/NBA/GoI/State norms. The following items are as mentioned below are proposed for procurement under Institutional development fund. Detailed proposal prepared and placed before the BoG. Thoroughly Examined by BOG and discussed in details

SN	Component	Items/Justification	Amount
1	Civil Engg. Dept.	HoD Civil submitted a proposal for FM / Environmental Engg., Geotech Engg., Material Testing, Surveying Laboratory equipment	55,10,500.00
2	EEE Dept.	HoD EEE submitted a proposal for Analog/Digital Electronics/Drives/Computer/HV and Measurement Laboratory equipment. Proposal Attached	19,34,450.00
3	ET&T Dept.	HoD ET&T submitted a proposal for 1. Project and Research Laboratory 40 Computers 2. Wireless Sensor Network based IoT Tools for Project lab. Proposal Attached	36,00,000.00 25,00,000.00
4	CSE Dept.	HoD CSE submitted a proposal for Project and Android Laboratory (40 Computers). Proposal Attached	36,00,000.00
5	BASIC Science	HOD Basic Science submitted a proposal for Research Laboratory equipments. Proposal Attached	44,85,000.00
6	Mech. Dept.	HOD Mechanical has submitted a proposal for IC Engine/MMM/Workshop/MaterialTesting/KO M/DOM/HMT/RAC/Robotics/CAD/FluidMechanics/Machinery/Thermo Laboratory equipment.	1,34,31,558.00
7	Security	18 guards are employed presently in the campus security and the total estimated expenditure up to June 2020 is 46.44 Lakhs, the fund received from Government is Rs. 8.0 Lakhs only.	39,00,000.00
8	Electricity Charges	The electricity fund for the institute is allocated to Rs. 40 lakhs by Government, but the tariff/bill charges expected to be Rs 50.00 lakhs. Additional fund is required to pay the electricity charges.	10,00,000.00
9	Plagiarism software	The Institute has applied for research centre in Mechanical engineering, ET&T, Chemistry and Maths Department. For above purpose the Plagiarism software is required.	5,00,000.00
10	Firewall Software	Presently the service of existing fire wall has been expired; hence extension of firewall service is required.	8,00,000.00
11	Green Boards and whiteboard	E-Block is handed over to institute and for classrooms modernization, Green Board (10Nos.) and smart boards (10Nos.) are required.	2,00,000.00

12	Flex, Display boards and Name Plates for NBA compliance	Institute is going for NBA Accreditation in Civil and Mechanical Engineering Department for which HOD Civil/Mechanical has submitted a proposal for Flex/ Display boards for Vision & Mission, PO, CO and Lab detailing displays etc.	5,00,000.00
13	CCTV for E and C Block	Presently there is no CCTV in E-Block and hence is required to increase the surveillance and security.	25,00,000.00
14	Networking for E Block	E Block doesn't have networking, and is required to provide networking facility for smooth conduction of departments	10,00,000.00
15	House Keeping	As per the instruction received from Additional Chief Secretary, the House keeping of instituted is to be outsourced on contract/hiring basis for all blocks to maintain cleanliness in the campus buildings.	70,00,000.00
Grand Total Rs.			5,24,61,508.00

Action Taken by BoG: Approved by BoG.



Chairman
BoG
TEQIP-III, Project



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