



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

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

**HELD ON  
28<sup>TH</sup> AUG 2020**

**PLACE - GEC RAIPUR**

## **Minutes of Meeting of 11th BoG,** **held on 28<sup>th</sup> Aug, 2020**

The 11<sup>th</sup> Board of Governors meeting was held on 28<sup>th</sup> August, 2020 at Principal's Chamber, Government Engineering College, Raipur.

### **Members Present: On 28<sup>th</sup> August, 2020**

- |                       |   |                          |
|-----------------------|---|--------------------------|
| 1. Prof. Rajat Moona  | - | Chairman                 |
| 2. Prof. A. M. Ravani | - | Member (attended online) |
| 3. Shri Kamal Sarda   | - | Member (attended online) |
| 4. Shri. K. K. Verma  | - | Member (attended online) |
| 5. Shri A. K. Ahirwar | - | Member                   |
| 6. Dr. Y. P. Banjare  | - | Member                   |
| 7. Shri G. R. Sahu    | - | Member                   |
| 8. Dr. R. S. Parihar  | - | Member & Secretary       |

Dr. S. Sanyal also participated the meeting through online.

### **TEQIP III 11/1 - Confirmation and Approval of minutes of 10<sup>th</sup> TEQIP III BoG meeting held on 21<sup>st</sup> May, 2020**

Minutes of 10<sup>th</sup> TEQIP III BoG meeting held on 21<sup>st</sup> February, 2020 was placed before the BoG. The minute of meeting was circulated and no addition, alteration, deletion or modification was received from the members of BOG.

**Action Taken:** Minute of Meeting is approved

### **TEQIP III 11/2 - Activities performed after 21<sup>st</sup> May, 2020**

The details of activities performed after 21<sup>st</sup> May, 2020 has been placed for discussions and it was thoroughly examined by BoG.

#### **1. Procurement**

In quarter Q1 (April-June, 2020), no budget for procurement was allocated and hence the goods are not purchased.

**Action Taken:** Noted

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

In quarter Q1 (April-June, 2020), total budget sanctioned for Academic activities was Rs. 82,33,328/-. COVID-19 pandemic situation has affected the academic activities; the expenditure of academic activities performed after 10<sup>th</sup> BoG meeting are as below: -

- 2.1 Affiliation fee Paid to CSVTU for research centre of Dept. of Mechanical Engineering, Mathematics, Chemistry is Rs.75,000/- under Research and development (1.1.2.5).

**Action Taken:** Approved

- 2.2 NBA fee of Rs. 4,72,100/- for Civil and Mechanical Branch is paid to National Board of Accreditation, New Delhi under Reforms, governance (1.1.2.8).

**Action Taken:** Approved

3. Four CRS (**Collaborative Research Scheme**) Projects were sanctioned on 18<sup>th</sup> July, 2019 with a budget allocation of Rs. 53,84,000/-. The NPIU allocated a grant of Rs. 33,92,000.00 against four CRS Projects. The status of four projects as follows,

- 3.1 **Project Title:** “Design of Advanced CMOS Analog/Digital Circuits and their Applications”.

| S N | Name of the P.I.        | Sanctioned Amount | Grant Received | Total Expenditure | Project Status   |
|-----|-------------------------|-------------------|----------------|-------------------|--|
| 1   | Dr. Ajay Kumar Kushwaha | 14,00,000         | 1400000        | 711256            | 1. Rs-350000 allocated on 18 <sup>th</sup> Aug, 2020.<br>2. The orders for DC regulated Power Supply and Multimeter are placed through GeM as per project plan.<br>3. DSO Purchase is under process.<br>4. Four research papers are published and 75% work is over.<br>5. Only result verification through hard ware is pending. |

**Action Taken:** Approved

- 3.2 **Project Title:** “Design and Development of PV-Wind, Energy Storage-Based Hybrid Renewable Energy System with Proper Energy Management and Control”

| S N | Name of the P.I.   | Sanctioned Amount | Grant Received | Total Expenditure | Project Status  |
|-----|--------------------|-------------------|----------------|-------------------|---|
| 2   | Mr. Ashiwani Yadav | 12,45,000         | 6,22,500       | 229359            | 1. Further, the grant is not given.<br>2. PV and wind hybrid set costing Rs.718000 are required. The quotation was called in Feb, 2020.<br>3. Two research papers are |

|  |  |  |  |  |  |
|--|--|--|--|--|--|
|  |  |  |  |  | published and 60% work is over.<br>4. Only result verification through hard ware is pending. |
|--|--|--|--|--|--|

**Action Taken:** Approved

**3.3 Project Title:** “Design and Development of Computational Intelligence based Fault Classification and Location scheme for TCSC-compensated transmission line”

| S N | Name of the P.I.   | Sanctioned Amount | Grant Received | Total Expenditure | Project Status  |
|-----|--------------------|-------------------|----------------|-------------------|---|
| 3   | Dr. Praveen Mishra | 14,17,000         | 708500         | 230068            | 1. Further, the grant is not provided.<br>2. Numerical relay development environment test bench (NRDE) (costing to Rs. 997995) is needed as per project plan. The quotation of NRDE (PAC) is opened on 10.08.2020. The order is not placed due to non-availability of funds.<br>3. Two research papers are published and 60% work is over.<br>4. Only result verification through hard ware is pending. |

**Action Taken:** Approved

**3.4 Project Title:** “Design and Development of Advance Smart Efficient Battery Charging Station for EV application”.

| S N | Name of the P.I.      | Sanctioned Amount | Grant Received | Total Expenditure | Project Status  |
|-----|-----------------------|-------------------|----------------|-------------------|---|
| 4   | Mr. Jawaharlal Bhukya | 13,22,000         | 661000         | 258606            | 1. Further, the grant is not given.<br>2. E Bike, Battery bunch, multimeter and DSO are to be procured as per project plan.<br>3. Two research papers are published and 55% work is over.<br>4. Result verification through hard ware is pending. |

**Action Taken:** Approved

The following suggestions as below are accepted and taken for action accordingly:

1. NPIU is to be asked to club the remaining funds of Projects 2, 3 and 4 and if permitted, may be utilised in any one project.
2. PI's are to be instructed to utilise the remaining available fund with them to expedite the project work.

**3.5 Expenditure of CRS Projects, after 10<sup>th</sup> BOG Meeting is as below: -**

| S<br>N           | Name Of PI                    | Name of Activity  | Amt in<br>Rs. |
|------------------|-------------------------------|---|---------------|
| 1                | Dr. Ajay<br>Kumar<br>Kushwaha | Second Review of the Collaborative Research Scheme (CRS) for two days at AICTE, New Delhi on 21st-22nd Feb 2020   | 13538         |
|                  |                               | Integrated circuit and Bread board  | 27237         |
|                  |                               | Workshop on CRS Proposal at DTE Indrawati Bhawan, Atal Nagar, Nawa Raipur on 20.01.2020   | 338           |
|                  |                               | Workshop on CRS Proposal at DTE Indrawati Bhawan, Atal Nagar, Nawa Raipur on 19.02.2020   | 338           |
| <b>TOTAL Rs.</b> |                               |   | <b>41451</b>  |
| 2                | Mr. Jawaharlal<br>Bhukya      | Workshop on CRS Review workshop at DTE Indrawati Bhawan, Atal Nagar, Nawa Raipur on 22.11.2019  | 338           |
|                  |                               | Second Review of the Collaborative Research Scheme (CRS) for two days at AICTE, New Delhi on 21 <sup>st</sup> Feb, 2020   | 10556         |
|                  |                               | 2nd International Conference on Innovation Mechanism for industry Application (ICMA 2020) at Dayanand Sagar College of Engineering, Bangaluru, Karnataka on 5th-7th March, 2020 | 33095         |
|                  |                               | Workshop on CRS Proposal at DTE Indrawati Bhawan, Atal Nagar, Nawa Raipur on 20.01.2020   | 338           |
|                  |                               | Workshop on CRS at DTE Indrawati Bhawan, Atal Nagar, Nawa Raipur on 19.02.2020  | 338           |
|                  |                               | Workshop on First Progress Review of Collaborative Research at DTE Indrawati Bhawan, Atal Nagar, Nawa Raipur on 20.09.2019  | 338           |
| <b>TOTAL Rs.</b> |                               |   | <b>45003</b>  |
| 3                | Dr. Praveen<br>Kumar Mishra   | Workshop on CRS Proposal at DTE Indrawati Bhawan, Atal Nagar, Nawa Raipur on 20.01.2020   | 338           |
|                  |                               | Workshop on CRS Proposal at DTE Indrawati Bhawan, Atal Nagar, Nawa Raipur on 19.02.2020   | 338           |
|                  |                               | Workshop on First Progress Review of Collaborative Research at DTE Indrawati Bhawan, Atal Nagar, Nawa Raipur on 20.09.2019  | 338           |
|                  |                               | Second Review of the Collaborative Research Scheme (CRS) for two days at AICTE, New Delhi on 21st-22nd Feb, 2020  | 15694         |
|                  |                               | Workshop on CRS Review workshop at DTE Indrawati Bhawan, Atal Nagar, Nawa Raipur on 22.11.2019  | 338           |
| <b>TOTAL Rs.</b> |                               |   | <b>17046</b>  |
| 4                | Mr. Ashiwani<br>Yadav         | Workshop on CRS Proposal at DTE Indrawati Bhawan, Atal Nagar, Nawa Raipur on 20.01.2020   | 338           |

|  |  |              |
|--|--|--------------|
|  | Workshop on CRS Proposal at DTE Indrawati Bhawan, Atal Nagar, Nawa Raipur on 19.02.2020                                    | 338          |
|  | Workshop on First Progress Review of Collaborative Research at DTE Indrawati Bhawan, Atal Nagar, Nawa Raipur on 20.09.2019 | 338          |
|  | Workshop on CRS Review workshop at DTE Indrawati Bhawan, Atal Nagar, Nawa Raipur on 22.11.2019                             | 338          |
|  | Second Review of the Collaborative Research Scheme (CRS) for two days at AICTE, New Delhi 21st-22nd Feb, 2020              | 14150        |
|  | <b>TOTAL Rs.</b>   | <b>15502</b> |

**Action Taken:** Approved

**Agenda Point TEQIP III 11/3**  
**Points for information to BoG**

The following points for information have been placed for discussion and were thoroughly examined.

1. Internal audit of FY 2019-20 (01.10.2019 to 31.03.2020) was conducted through online. The audit report is attached as annexure A1.

**Action Taken:** Approved and suggested for compliance of audit report.

2. Statutory Audit of period 1<sup>st</sup> April, 2019 - 31<sup>st</sup> March, 2020 was conducted on 17-18.06.2020. The audit report is attached as annexure A2.

**Action Taken:** Approved and suggested for compliance of audit report.

3. Academic activity during quarter Q2 (July–Sept, 2020) was planned as off line training for students/faculties. Due to Covid-19 pandemic situation, it has badly affected the offline training activities. So new online training programs for students and faculties are proposed and attached as annexure A3 for approval.

**Action Taken:** Approved

4. New Revised Procurement guide line for goods and services has come and the all the procurement of goods/services will be done through GeM/NIC CPPP E Portal.

**Action Taken:** Noted

5. Miss Shivani Garg, Asst. Prof. (NPIU Faculty) in Civil Engg. made a complain regarding the harassment against Mr. Parimal, Asst. Prof. (NPIU Faculty) in EEE Deptt. on 09<sup>th</sup> Dec. 2019. The complaint was handed over to Internal Complaint Committee for further investigation. The Internal Complaint Committee submitted its report on 04.01.2020 with a outcome that “Miss Shivani Garg could not produce the evidences for the allegations against Mr. Parimal and has made a false complaint as Mr. Parimal objected the frequent visit of Miss Shivani Garg in D2 quarter to meet Mr. Takesh Kumar, Asst. Prof. (NPIU Faculty) in Mechanical Engg.

This report was put up before BOG in the 9<sup>th</sup> meeting for discussion and suggested taking action as per ICC report. The ICC report was forwarded to Disciplinary Committee to propose the disciplinary action to be taken. Disciplinary Committee also recommended taking action as per Clause 13 of undertaking submitted by Miss Shivani Garg and Mr. Takseh Kumar. The act of Mr. Takesh Kumar was not supportive to stop such incident.

The contract of Miss Shivani Garg and Mr. Takseh Kumar is ending on 30<sup>th</sup> Sept., 2020 and hence it is proposed not to extend the contract of Miss Shivani Garg and Mr. Takseh Kumar w.e.f. from 1 October 2020. The reports are attached as annexure A4-A7.

**Action Taken:** It is suggested to take legal opinion in this matter.

6. The security services are outsourced to provide the security of institute building and hostels. The expenditure from May, 2019 to June, 2020 in security services is Rs. 37,91,565/-. The expenditure details is attached as annexure A8.

**Action Taken:** Approved

7. Daily wages workers are working at Institute on Collector rate for building cleaning and supporting works. The total expenditure from Aug, 2019 to July, 2020 is Rs. 9,65,185/-. Details of expenditure is attached as annexure A9

**Action Taken:** Approved and suggested to follow the state labour acts.

8. The faculties have participated in 274 Online Webinars. 17 FDPs and 3 NPTEL/MOOC's courses till 15 Aug., 2020. The details are as below: -

| Branch                     | Webinars | FDPs | Moocs/NPTEL | Total |
|----------------------------|----------|------|-------------|-------|
| Basic Science              | 61       | 07   | 03          | 71    |
| Civil Engg.                | 38       | 05   | 00          | 43    |
| Mech. Engg.                | 81       | 02   | 00          | 83    |
| Elect. & Electronics Engg. | 61       | 03   | 00          | 64    |
| Electronics & Tele. Engg.  | 33       | 00   | 00          | 33    |
| Grand Total                | 274      | 17   | 03          | 294   |

**Action Taken:** Noted

**Agenda Point TEQIP III 11/4**  
**Revised Action Plan Details of Q2(July–Sept. 2020)**

The head wise budget in Q2 (July–Sept, 2020) is received as below: -

| Expenditure Heads                   | Total Funds allocated / Project Life Allocation (PLA) in Q2 (Rs.) |
|-------------------------------------|---|
| 1.1.1.1 – Equipment                 | 50,00,000   |
| 1.1.1.3 - Furniture                 | 4,38,136  |
| 1.1.1.4 - Minor Civil Work          | 5,61,864  |
| 1.1.2.1 - Improve students learning | 6,57,000  |

|  |                    |
|--|--------------------|
| 1.1.2.2 - Research Assistantships              | 25,000             |
| 1.1.2.3 - Graduates employability              | 1,46,000           |
| 1.1.2.4 - Faculty/staff dev. and motivation    | 9,23,050           |
| 1.1.2.5 - Research and development             | 3,50,000           |
| 1.1.2.6 - MOOCs and digital learning           | 78,000             |
| 1.1.2.7 - Mentoring/Twinning system            | 1,80,000           |
| 1.1.2.8 - Reforms and governance               | 30,500             |
| 1.1.2.9 - Management capacity development      | 50,000             |
| 1.1.2.10 - Hiring Consultancy Services         | -                  |
| 1.1.2.11 - Industry-Institute Interaction      | 2,30,000           |
| 1.1.3.1 – Consumables                          | 1,50,000           |
| 1.1.3.2 - Operation & maintenance of equipment | 8,94,105           |
| 1.1.3.3 - Office expenses                      | 4,00,000           |
| 1.1.3.4 – Meetings                             | 30,000             |
| 1.1.3.5 - Hiring of vehicles                   | 1,00,000           |
| 1.1.3.6 - Travel cost                          | 30,000             |
| 1.1.3.7 – Salary                               | 2,40,000           |
| <b>Total (Rs.)</b>                             | <b>1,05,13,655</b> |

Detailed revised Action Plan of Rs. 1,86,08,313 is proposed and attached as annexure A3.

**Action Taken:** Approved

**Agenda Point TEQIP III 11/5**  
**Procurement Plan for additional fund of Rs. 1.1 crore**

The institute has been granted with additional fund of Rs. 1.1 Crore on 08 August, 2020. The procurement plan of additional fund (60% of new grant) is given as below:-

| S. N | Deptt.                      | Item  | Qty | Rate/unit with 18% GST | Total Amount |
|------|-----------------------------|---|-----|------------------------|--------------|
| 1    | Store (Furniture)           | Class rooms Tables (seating)  | 150 | 5899.00                | 884823.00    |
| 2    | Electrical & Electronics    | Laboratory Benches (workstation) for electrical lab                         | 36  | 23600.00               | 849600.00    |
| 3    | Engineering (Rs-2763130.00) | LCD Electro-magnetic interactive panel and accessories for on line teaching | 3   | 40000.00               | 120000.00    |
| 4    |                             | Wireless collar microphone  | 3   | 3000.00                | 9000.00      |
| 5    |                             | Three Phase Induction Motor   | 1   | 18000.00               | 18000.00     |
| 6    |                             | 3 Phase Synchronous machine (salient pole) coupled with dc machine          | 3   | 193000.00              | 579000.00    |
| 7    |                             | Three phase autotransformer (Variac)  | 5   | 29000.00               | 145000.00    |
| 8    |                             | Single phase autotransformer (Variac)                                       | 3   | 11800.00               | 35400.00     |
| 9    |                             | Variable Rheostat 100 Ohms, 2 A   | 3   | 4720.00                | 14160.00     |
| 10   |                             | Variable Rheostat 10 Ohms, 10 A   | 4   | 4130.00                | 16520.00     |
| 11   |                             | Variable Rheostat 1K Ohms, 2 A  | 4   | 6000.00                | 24000.00     |
| 12   |                             | Variable Rheostat 10 Ohms, 5A   | 2   | 3550.00                | 7100.00      |
| 13   |                             | Current transformers  | 6   | 1180.00                | 7080.00      |
| 14   |                             | Desktop Computer i7, 10 <sup>th</sup> Gen. 8gb                              | 8   | 88500.00               | 708000.00    |



|                         |                                   |  |     |          |                   |
|-------------------------|-----------------------------------|--|-----|----------|-------------------|
|                         |                                   | ram, 1TB HDD                             |     |          |                   |
| 15                      |                                   | Computer table                           | 8   | 2950.00  | 23600.00          |
| 16                      |                                   | Micro controller Kit 8051, NABL approved | 5   | 13334.00 | 66670.00          |
| 17                      |                                   | Multifunction Numeric Protection Relay   | 2   | 70000.00 | 140000.00         |
| 18                      | ET&T Engg.                        | Cadence VLSI tools Proprietary           | 1   |          | 2183000.00        |
| 19                      | Store (CCTV) (Rs-652038.00)       | Dome Camera 2.0 MP                       | 60  | 2875.00  | 203550.00         |
| 20                      |                                   | Bullet Camera 2.0 MP                     | 40  | 2990.00  | 141128.00         |
| 21                      |                                   | NVR 2 SATA Port 32 Channel               | 4   | 13225.00 | 62422.00          |
| 22                      |                                   | HDD Surveillance 4 TB                    | 4   | 8970.00  | 42338.00          |
| 23                      |                                   | Gigabyte Switch POE 1 Uplink 8 Port      | 15  | 4543.00  | 80411.00          |
| 24                      |                                   | Cable Cat6 305 mtr                       | 10  | 5060.00  | 59708.00          |
| 25                      |                                   | Rack 4 U                                 | 15  | 3300.00  | 58410.00          |
| 26                      |                                   | Connector RJ 45 each Packet 100 Pc       | 5   | 690.00   | 4071.00           |
| 27                      |                                   | Switch Port Gigabyte 24 Port             | 3   | 8200.00  | 29028.00          |
| 28                      |                                   | Patch Panel 24 Port                      | 3   | 2990.00  | 10585.00          |
| 29                      | Store (Networking) (Rs-115168.00) | I/O Box Set Cat6                         | 30  | 245.00   | 8673.00           |
| 30                      |                                   | Patch Card Cat6 1mtr                     | 30  | 127.00   | 4496.00           |
| 31                      |                                   | Patch Card Cat6 3mtr.                    | 30  | 200.00   | 7080.00           |
| 32                      |                                   | Cat6 Cable 305 Mtr.                      | 5   | 5060.00  | 29854.00          |
| 33                      |                                   | Rack 6U                                  | 3   | 3800.00  | 13452.00          |
| 34                      |                                   | RJ 45 Connector each Box 100 Pc          | 2   | 690.00   | 1628.00           |
| 35                      |                                   | PVC Pipe 3"X4"                           | 100 | 51.00    | 6018.00           |
| 36                      |                                   | PVC Flexible 1 mm Per meter.             | 30  | 13.00    | 460.00            |
| 37                      |                                   | PVC Clamp 32 mm                          | 10  | 330.00   | 3894.00           |
| <b>Grand Total (Rs)</b> |                                   |  |     |          | <b>6598159.00</b> |

**Action Taken:** Approved

Note :-

1. The quantities of goods may vary while placing order, subjected not exceeding the item wise sanctioned budget as above.
2. The mode of purchase will be as per new revised guide lines laid by NPIU.

**Agenda Point TEQIP III 11/5**

**Any other Agenda with the permission of Chairman BoG**

It is pointed out to provide the agenda of next BoG meeting well in advance so that meeting will more effective.

**Action Taken:** Noted and Accepted.



Dr. Rajat Moona  
Chairman  
TEQIP III Project



Dr. R. S. Parihar  
Member & Secretary  
TEQIP III Project