



# **P.E.S. COLLEGE OF ENGINEERING**

MANDYA – 571401, KARNATAKA

## TEQIP-3

TECHNICAL EDUCATION QUALITY  
IMPROVEMENT PROGRAMME (TEQIP)

**PHASE – III, Sub - Component 1.3**



Notes for the Agenda

**Fifth Board of Governors Meeting**

Saturday, 15<sup>th</sup> June, 2019 at 11-00 am

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**P.E.S. COLLEGE OF ENGINEERING, MANDYA - 571401**

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**TEQIP Phase - III, Sub Component 1.3**

**Agenda for the Fifth Board of Governors Meeting**

Scheduled on Saturday, 15<sup>th</sup> June, 2019 at 11-00 am.

**AGENDA**

| <b>Sl. No.</b> | <b>Particulars</b>  | <b>Page No.</b> |
|----------------|---|-----------------|
| 1              | Confirmation of the proceedings of the 4 <sup>th</sup> BOG meeting held on 09/02/2019.  | 1               |
| 2              | Approval of action taken report on the proceedings of the 4 <sup>th</sup> BOG meeting held on 09/02/2019 regarding utilization of funds released under TEQIP Phase-III, Sub Component 1.3.                  | 1               |
| 3              | Review and approval for the status of Procurement, Training programmes, Workshops, Technical talks, FDPs, SDPs, International Conferences (within India) / National Conferences for Faculty and Staff etc., | 1               |
| 4              | Any other subject with the permission of the chair.   | 16              |
| 5              | ANNEXURE – I (Proceedings of the Fourth BOG)  | 21              |
|                | ANNEXURE – II (Action taken report on the Fourth BOG proceedings)   | 28              |

## P.E.S. COLLEGE OF ENGINEERING, MANDYA

Agenda and Notes for the Fifth Board of Governors Meeting Scheduled to be held on 15/06/2019 at 11-00 am.

### 1. Confirmation of the proceedings of the Fourth BOG meeting held on 09/02/2019.

Copy of the Proceedings of the fourth Board of Governors meeting of TEQIP Phase-III held on 09/02/2019 has been enclosed as **ANNEXURE – I** to all the honorable members for their kind information.

### 2. Approval of action taken on the proceedings of the Fourth BOG meeting held on 09/02/2019 regarding utilization of funds released under TEQIP Phase III, Sub Component 1.3.

#### ACTION TAKEN REPORT IN ANNEXURE – II

### 3. Review and approval for the status of Procurement, Training programmes, Workshops, Technical talks, FDPs, SDPs, International Conferences (within India) / National Conferences for Faculty and Staff etc.,

#### a. Procurement Completed (Payment cleared)

| Sl. No. | Department       | Package name | Package code                 | Equipment name   | Company name                                    | Total price in Rs. | BoG approval |
|---------|------------------|--------------|------------------------------|--|---|--------------------|--------------|
| 1       | Mechanical Engg. | ME-04        | TEQIP-III/<br>KA/PCEM/<br>28 | Solid Edge (SE 294)                                    | DesignTech Systems Limited, Bangalore           | 708,000.00         | For approval |
| 2       |                  | ME-SOFT      | TEQIP-III/<br>KA/PCEM/<br>65 | Cubictek Manufacturing Process Simulation Software Kit | DHIO Research & Engineering Pvt. Ltd. Bangalore | 1,770,000.00       | For approval |
| 3       |                  | ME-05        | TEQIP-III/<br>KA/pcem/<br>70 | 3D Printer   | VyaptiTecnica Solutions LLP Bangalore           | 775,000.00         | For approval |
| 4       | Automobile Engg. | AU-01        | TEQIP-III/<br>KA/pcem/3      | CRDI Engine Test Rig                                   | Efficient Engineers, Bangalore                  | 1,150,001.00       | For approval |
| 5       |                  | AU-02        | TEQIP-III/<br>KA/PCEM/4      | Advanced Diagnostic Equipment                          |   | 287,900.00         | For approval |
| 6       |                  | AU-05        | TEQIP-III/<br>KA/PCEM/<br>16 | Auto Electrical Test Bench -3 Phase                    |   | 161,417.00         | For approval |
| 7       |                  | AUTO-15      | TEQIP-III/<br>KA/PCEM/<br>75 | FIVE GAS ANALYZER                                      | NETEL (India) Ltd, Chennai                      | 185,000.00         | For approval |
| 8       | I & P            | IP-02        | TEQIP-III/<br>KA/PCEM/7      | Measuring Instruments                                  | Royal Trade Agency,                             | 148,509.00         | For approval |

| Sl. No | Department        | Package name       | Package code                                   | Equipment name                               | Company name   | Total price in Rs.                              | BoG approval |
|--------|-------------------|--------------------|--|--|--|---|--------------|
|        |                   |                    |  |  | Bangalore  |   |              |
| 9      |                   | IP-SOFT            | TEQIP-III/<br>KA/PCEM/<br>64                   | Tecnomatix<br>Manufacturing<br>Academic      | DesignTech,<br>Bangalore                                   | 613,600.00                                      | For approval |
| 10     | CIVIL             | CIV-01             | TEQIP-III/<br>KA/PCEM/<br>56                   | L Box, U Box &<br>other equipments           | Aimil Ltd,<br>Bangalore                                    | 92,040.00                                       | For approval |
| 11     |                   | CIV-02             | TEQIP-III/<br>KA/PCEM/<br>57                   | Core cutter<br>machine & other<br>equipments | Efficient<br>Engineers,<br>Bangalore                       | 437,479.00                                      | For approval |
| 12     |                   | CIV-03             | TEQIP-III/<br>KA/PCEM/<br>58                   | CBR apparatus<br>& other<br>equipments       | Aimil Ltd,<br>Bangalore                                    | 1,246,033.00                                    | For approval |
| 13     |                   | CIV-04             | TEQIP-III/<br>KA/PCEM/<br>59                   | Muffle furnace<br>&<br>Spectrophotometer     | Efficient<br>Engineers,<br>Bangalore                       | 341,079.00                                      | For approval |
| 14     |                   | CIVIL -<br>SOFT    | TEQIP-III/<br>KA/PCEM/<br>77                   | Bentley<br>Academic<br>STADD Pro<br>Package  | M/s ARK<br>Infosolutions<br>Pvt. Ltd.,<br>Chennai          | 162,840.00                                      | For approval |
| 15     |                   | INSTITUTE<br>LEVEL | INS04  | TEQIP-III/<br>KA/PCEM/<br>43                 | MATLAB   | M/s Shree<br>Sharavani<br>Traders,<br>Bangalore | 1,235,244.00 |
| 16     | SERVICES          |                    | TEQIP-III/<br>KA/PCEM/<br>69                   | SERVICES -<br>NETWORK                        | Orva networks,<br>Bangalore                                | 531,000.00                                      | For approval |
| 17     | Furnitures-<br>01 |                    | TEQIP-III/<br>KA/pcem/44                       | Furnitures 01                                | DGM<br>Associates<br>Mysuru                                | 804,772.00                                      | For approval |
| 18     | Furnitures-<br>02 |                    | TEQIP-III/<br>KA/pcem/74                       | Furnitures 02                                | DGM<br>Associates<br>Mysuru                                | 130,832.00                                      | For approval |
| 19     | INS-02            |                    | TEQIP-III/<br>KA/pcem/40                       | ERP Software                                 | WEBPROS<br>SOLUTIONS<br>PVT LTD,<br>Andhra Pradesh         | 276,710.00                                      | For approval |
| 20     | MATLAB            |                    | TEQIP-III/<br>2019/pcem/ Direct<br>Contract/39 | MATLAB                                       | CoreEL<br>Technologies<br>(I) Pvt. Ltd. ,<br>Bangalore     | 2,920,386.00                                    | For approval |
| 21     | CSE               | Civil Works        | TEQIP-III/<br>KA/PCEM/<br>41                   | Civil Works                                  | Kannambadi<br>Mysuru                                       | 3,000,000.00                                    | For approval |
| 22     |                   | CS 01              | TEQIP-III/<br>2018/pcem/<br>Shopping/27        | Computers - 25<br>Nos.                       | Shivu<br>Computers<br>Mandya                               | 2,298,050.00                                    | For approval |
| 23     | ISE               | IS 01              | TEQIP-III/<br>KA/pcem/35                       | Data Science &<br>IoT Lab                    | Nihon<br>Communication<br>Solutions Pvt.<br>Ltd. Bangalore | 2,185,885.00                                    | For approval |
| 24     | E & C             | EC01               | TEQIP-III/<br>KA/PCEM/<br>11                   | Multifunctional<br>Signal Generator          | M/s. APLAB<br>Limited<br>Bangalore                         | 112,100.00                                      | For approval |
| 25     |                   | EC02               | TEQIP-III/<br>KA/PCEM/<br>13                   | Microstrip<br>antenna kit &<br>VSWR meters   | Technilab<br>Instrument<br>Bangalore                       | 178,368.00                                      | For approval |

| Sl. No.      | Department | Package name  | Package code                 | Equipment name   | Company name  | Total price in Rs.    | BoG approval |
|--------------|------------|---------------|------------------------------|--|---|-----------------------|--------------|
| 26           |            | EC03          | TEQIP-III/<br>KA/PCEM/<br>12 | OrCAD<br>University PCB<br>design Bundle                 | Entuple<br>Technologies<br>Pvt. Ltd.<br>Bangalore             | 1,250,000.00          | For approval |
| 27           |            | ECE -<br>SOFT | TEQIP-III/<br>KA/PCEM/<br>76 | CADENCE<br>TOOL  | Entuple<br>Technologies<br>Pvt. Ltd.<br>Bangalore             | 1,250,000.00          | For approval |
| 28           | EEE        | EE 01         | TEQIP-III/<br>KA/PCEM/<br>36 | Dielectric<br>Analyzer                                   | Pragna<br>Microdesigns<br>Bangalore                           | 1,498,600.00          | For approval |
| 29           |            | EE 02         | TEQIP-III/<br>KA/PCEM/<br>37 | Vacuum<br>Impregnation<br>Unit                           | PSM Scientific<br>Instruments Pvt.<br>Ltd., Bangalore         | 182,900.00            | For approval |
| 30           |            | EE 03         | TEQIP-III/<br>KA/PCEM/<br>66 | CLOUD BASED<br>PLATFORM<br>WITH<br>NECESSARY<br>SOFTWARE | Electrono<br>Solutions Pvt.<br>Ltd. Bangalore                 | 1,337,280.00          | For approval |
| 31           |            | EE 04         | TEQIP-III/<br>KA/PCEM/<br>67 | SCADA Based<br>Smart Grid<br>Simulator                   | VI<br>Microsystems<br>Pvt. Ltd.<br>Perungudi,<br>Chennai      | 636,846.00            | For approval |
| 32           | LIBRARY    | LIB-<br>BOOKS | TEQIP-III/<br>KA/PCEM/<br>63 | Books for<br>Central library                             | SRI BOOK<br>WORLD,<br>Bangalore                               | 1,334,691.00          | For approval |
| 33           | Physics    | PHY-01        | TEQIP-III/<br>KA/pcem/71     | Fermi energy &<br>other equipments                       | Kamaljeeth<br>Instrumentation<br>& Service unit,<br>Bangalore | 344,295.00            | For approval |
| 34           |            | PHY-02        | TEQIP-III/<br>KA/pcem/72     | Spark counter &<br>other equipments                      | Polltech<br>Instruments Pvt.<br>Ltd., Mumbai                  | 328,742.00            | For approval |
| 35           |            | PHY-03        | TEQIP-III/<br>KA/pcem/73     | Environmental<br>radiation<br>dosimeter                  | Nucleonix<br>Systems Pvt.<br>Ltd., Telangana                  | 130,980.00            | For approval |
| <b>TOTAL</b> |            |               |                              |  |   | <b>3,00,46,579.00</b> |              |

**b. Package initiated**

| Sl. No.      | Department  | Package name | Package code                 | Equipment name   | Estimated price in Rs. | BoG approval |
|--------------|-------------|--------------|------------------------------|--|------------------------|--------------|
| 1            | Civil Engg. | CIVIL-RV-01  | TEQIP-III/ 2019/ KA/ PCEM/83 | Soil cone penetrometer & other equipments              | 2,21,000.00            | For approval |
| 2            |             | CIVIL-RV-02  | TEQIP-III/ 2019/ KA/ PCEM/84 | Skid Resistance And Friction Tester & other equipments | 9,02,000.00            | For approval |
| 3            |             | CIVIL-RV-03  | TEQIP-III/ 2019/ KA/ PCEM/85 | Motorized Flow Table for Mortar & other equipments     | 4,32,850.00            | For approval |
| <b>TOTAL</b> |             |              |                              |  | <b>15,55,850.00</b>    |              |

**c. Technical Paper Presented in the International Conference by Faculty members (within India)**

| Sl. No. | Faculty / Staff | Type of Conference       | Referred Yes/ No | Topic of the Paper   | Date & Place  | Estimated cost | Actual Cost | BOG Approval |
|---------|-----------------|--------------------------|------------------|--|---|----------------|-------------|--------------|
| 1       | Sachin N K      | International Conference | YES              | Application of Discrete event Simulation towards production improvement  | 30 to 31 Dec. 2018. Kyriad Hotel Umtavaddo, Calangute Bard Near Mira Hotel, Goa | 22,000.00      | 19,048.00   | For Approval |
| 2       | Anil Kumar S V  | International Conference | YES              | Polymer Composites 2018  | 15 to 16 Dec 2018, NITK Surathkal   | 10,000.00      | 11,630.00   | For Approval |
| 3       | Dr. T Nagaraju  | International Conference | YES              | TRIBOINDIA-2018  | 13 to 15 dec 2018, VJTI Mumbai  | 56,016.00      | 36,066.00   | For Approval |
| 4       | Dr. Aluregowda  | International Conference | YES              | An Empirical Study on Consumer Response towards food Bazaar during maha savings day. A case study with special reference to Mandya District, Karnataka | 9 to 10 Feb 2019, PIMS Indore   | 13,800.00      | 11,538.00   | For Approval |

| Sl. No.      | Faculty / Staff   | Type of Conference       | Refereed Yes/No | Topic of the Paper   | Date & Place                                    | Estimated cost | Actual Cost        | BOG Approval |  |
|--------------|-------------------|--------------------------|-----------------|--|---|----------------|--------------------|--------------|--|
| 5            | Dr. Chandrashekar | International Conference | YES             | Oxidation of Nicotinamide by sodium N-chlorobenzenesulphonamide (CAB) in acid medium catalysed by Ru(III) ion: Kinetic and Mechanistically | 3 to 7 Jan 2019, ISCA Punjab                    | 21,674.00      | 21,674.00          | For Approval |  |
| 6            | D M Srinivasa     | International Conference | YES             | Innovative in power and advanced computing Technologies  | 22 to 23 March 2019, VIT, Vellore               | 9,000.00       | 7,840.00           | For Approval |  |
| 7            | Rudresh Addamani  | International Conference | YES             | Recent Innovations in Science, Engg. & Management (RISEM-2019)   | 10 to 11 May 2019, RRIT Bangalore               | 5,000.00       | 5,180.00           | For Approval |  |
| 8            | Chetan Kumar V    | International Conference | YES             | Advances in Information Technology and Computing   | 26 to 27 April 2019, SNIST Hyderabad, Telangana | 12,000.00      | 10,220.00          | For Approval |  |
| 9            | Sanjay H M        | International Conference | YES             | Advances in Information Technology and Computing   | 26 to 27 April 2019, SNIST Hyderabad, Telangana | 12,700.00      | 15,655.00          | For Approval |  |
| 10           | Shruthi P S       | International Conference | YES             | Advances in Information Technology and Computing   | 26 to 27 April 2019, SNIST Hyderabad, Telangana | 12,700.00      | 7,100.00           | For Approval |  |
| <b>TOTAL</b> |                   |                          |                 |  |   |                | <b>1,45,951.00</b> |              |  |

**d. Workshop/Symposium/FDP/ National Conference attended by Faculty members(within India)**

| Sl. No. | Faculty / Staff  | Type of Academic Activity                         | Details of Academic Activity              | Date & Place                    | Estimated Cost | Actual Cost | BOG Approval |
|---------|------------------|---|---|---------------------------------|----------------|-------------|--------------|
| 1       | Dr. S Ghanaraja  | Workshop  | Laboratory Awareness Programme            | 30th Nov 2018, GTTC Mysore      | 1,500.00       | 1,570.00    | For Approval |
| 2       | Dr. H V Ravindra | Meeting with UAS                                  | MoU with University Agriculture           | 27 Dec 2018, Bangalore          | 6,000.00       | 6,500.00    | For Approval |
| 3       | Dr. H V Ravindra | Interaction Meeting Mentor and Mentee Institution | TEQIP-III Project Progress Review Meeting | 27 to 28 Jan 2018, BEC Bagalkot | 25,000.00      | 14,159.00   | For Approval |

| Sl. No. | Faculty / Staff       | Type of Academic Activity                         | Details of Academic Activity   | Date & Place   | Estimated Cost | Actual Cost | BOG Approval |
|---------|-----------------------|---|--|--|----------------|-------------|--------------|
| 4       | Dr. H V Ravindra      | Interaction meeting                               | Visited in Mysore  | 11 Feb 2019, Mysore  | 3,000.00       | 3,100.00    | For Approval |
| 5       | Dr. H V Ravindra      | Training Workshop                                 | Discuss the Training Faculty Members                                 | 01 to 02 Feb 2019  | 25,000.00      | 24,540.00   | For Approval |
| 6       | Dr. H V Ravindra      | Workshop  | SICTE Visit  | 03 April 2019, Bangalore   | 5,000.00       | 8,000.00    | For Approval |
| 7       | Dr. H V Ravindra      | Visit to VTU                                      | Visit of Autonomous Institutions Principals                          | 30 April 2019, VTU Belagavi                                      | 15,000.00      | 16,649.00   | For Approval |
| 8       | Dr. Puttaswamy P S    | Workshop  | Laboratory Awareness Programme                                       | 30th Nov 2018, GTTC Mysore                                       | 1,500.00       | 1,570.00    | For Approval |
| 9       | Manohara H C          | One week FDP                                      | Recent Trends in power sector for Sustainable development            | 17 to 21 Dec 2018, SJCE Mysore                                   | 5,500.00       | 5,280.00    | For Approval |
| 10      | Mahesh Kumar K M      | One week FDP                                      | Recent Trends in power sector for Sustainable development            | 17 to 21 Dec 2018, SJCE Mysore                                   | 5,500.00       | 5,280.00    | For Approval |
| 11      | D M Srinivasa         | Workshop  | Energy Optimization in Data Centers                                  | 05 Feb 2019, IIT Madras  | 5,000.00       | 4,780.00    | For Approval |
| 12      | Dr. H M Nanjundaswamy | Workshop  | Laboratory Awareness Programme                                       | 30th Nov 2018, GTTC Mysore                                       | 1,500.00       | 1,570.00    | For Approval |
| 13      | Dr. N L Muralikrishna | Workshop  | Laboratory Awareness Programme                                       | 30th Nov 2018, GTTC Mysore                                       | 1,500.00       | 1,570.00    | For Approval |
| 14      | Dr. N L Muralikrishna | Interaction Meeting Mentor and Mentee Institution | TEQIP-III Project Progress Review Meeting                            | 27 to 28 Jan 2018, BEC Bagalkot                                  | 25,000.00      | 13,559.00   | For Approval |
| 15      | N K Sachin            | Workshop  | Digital Manufacturing  | 29 to 30 March 2019, NIE Mysore                                  | 3,045.00       | 2,495.00    | For Approval |
| 16      | K Ravi                | Workshop  | New Web based PMSS software  | 15 to 16 April 2019, BMS College of Engg. Bengaluru              | 2,000.00       | 16,000.00   | For Approval |
| 17      | M.S. Mahesha          | Workshop  | New Web based PMSS software  | 15 to 16 April 2019, BMS College of Engg. Bangalore              | 2,000.00       | 16,000.00   | For Approval |
| 18      | M.S. Mahesha          | TEQIP-III Assignment                              | Post Procurement Review (PPR) Meeting for the Financial Year 2018-19 | 29th April 2019, Copia Corporate Suites, Jasola Vihar, New Delhi | 20,000.00      | 23,995.00   | For Approval |
| 19      | M.S. Mahesha          | TEQIP-III Meeting                                 | Video Conferencing With all mentor Institutions                      | 26 March 2019, MHRD VTU Belagavi                                 | 3,000.00       | 3,643.00    | For Approval |
| 20      | M.S. Mahesha          | Meeting   | TEQIP SPIU visit   | 19 March 2019 VTU Belagavi                                       | 20,000.00      | 24,074.00   | For Approval |



| Sl. No.      | Faculty / Staff     | Type of Academic Activity                         | Details of Academic Activity  | Date & Place   | Estimated Cost | Actual Cost        | BOG Approval |
|--------------|---------------------|---|---|--|----------------|--------------------|--------------|
| 21           | Dr. D R Umesh       | 5 Days Workshop                                   | Transformational Leadership for Organizational Excellence             | 21 to 25 Jan 2019. Portblair                                     | 78640.00       | 76,655.00          | For Approval |
| 22           | Girish Babu M C     |   |   |  | 78640.00       | 73,255.00          | For Approval |
| 23           | Dr. D R Umesh       | National project Implementation Unit              | Equality-Achievements & Challenges in India                           | 15 to 16 Mar 2019, Pune  | 10000.00       | 15810.00           | For Approval |
| 24           | Dr. Mahesh Kaluti   | TEQIP-III Assignment                              | Web Based Academic MIS  | 9 April 2019, Mumbai   | 20,000.00      | 11,402.00          | For Approval |
| 25           | C Chethana          | FDP   | Evolution of Research Techniques, tools and Commercialization Aspects | 21 to 25 Jan 2019, MIT Mysore                                    | 5750.00        | 5750.00            | For Approval |
| 26           | Girish Babu M C     |   | Re-Scrutiny Committee   | 29 April 2019, AICTE Bangalore                                   | 2500.00        | 2615.00            | For Approval |
| 27           | Girish Babu M C     | Interaction Meeting                               | Higher Education in India and Brazil: connecting Relevant partners    | 9 Mae 2019, New Delhi  | 25943.00       | 22866.00           | For Approval |
| 28           | B. Dinesh Prabhu    | Interaction Meeting Mentor and Mentee Institution | TEQIP-III Project Progress Review Meeting                             | 27 to 28 Jan 2018, BEC Bagalkot                                  | 25,000.00      | 13,559.00          | For Approval |
| 29           | B. Dinesh Prabhu    | TEQIP-III Assignment                              | Post Procurement Review (PPR) Meeting for the Financial Year 2018-19  | 29th April 2019, Copia Corporate Suites, Jasola Vihar, New Delhi | 20,000.00      | 23,995.00          | For Approval |
| 30           | B. Dinesh Prabhu    | TEQIP-III Meeting                                 | Video Conferencing With all mentor Institutions                       | 26 March 2019, MHRD VTU Belagavi                                 | 3,000.00       | 3,643.00           | For Approval |
| 31           | Kodandaram          | Workshop  | Library Technology Conclave   | Cochin University of Science and Technology, Cochin              | 16,260.00      | 10,559.00          | For Approval |
| 32           | Dr. A C Kiran Kumar | National Conference                               | Shift in Indian Business Environment                                  | 29 to 30 March 2019, JSS-Mysore                                  | 3,715.00       | 3,495.00           | For Approval |
| <b>TOTAL</b> |                     |   |   |  |                | <b>4,57,938.00</b> |              |

**e. Industry Institute Interaction Activities**

| Sl. No       | Activity              | Details of Activity                                       | Dept . | Date and Place                                   | Name of the Industry                                 | Approx. Cost | Amount             | BOG Approval |
|--------------|-----------------------|---|--------|--|--|--------------|--------------------|--------------|
| 10           | Visit to Pune         | Industrial visit of per final year students of Automobile | AU     | 18 to 24 Oct. 2018, Pune                         | Pune industries                                      | 231,221.00   | 132,000.00         | For Approval |
| 11           | Visit to Bengaluru    | Industrial visit of pre final year students               | CSE    | 25 Sept. 2018, TCS Bengaluru                     | TCS Bengaluru  | 35,000.00    | 35,665.00          | For Approval |
| 12           | Visit to Bengaluru    | Industrial visit of pre final year students               | CSE    | 25 Sept. 2018, VMware Bengaluru                  | VMware Bengaluru                                     | 10,000.00    | 14,600.00          | For Approval |
| 13           | Visit to Bengaluru    | Industrial visit of pre final year students               | CSE    | 26 Oct. 2018, U R Rao Satellite Centre Bengaluru | U R Rao Satellite Centre Bengaluru                   | 60,000.00    | 52,175.00          | For Approval |
| 14           | Visit to Mangalore    | Industrial visit of pre final year students               | I & P  | 24 to 28 Oct 2018, Mangalore                     | Shanthala, Gurucharan and KIOCL Ltd. Mangalore       | 164,000.00   | 83,000.00          | For Approval |
| 15           | Visit to Udupi        | Industrial visit of pre final year students               | EEE    | 15 Oct 2018, Udupi                               | Mini dam power house and Varahi Power station, Udupi | 60,000.00    | 52,600.00          | For Approval |
| 16           | Visit to Bengaluru    | Industrial visit of pre final year students               | CS     | 29 Oct 2018, Bengaluru                           | CISCO campus Bengaluru                               | 22,000.00    | 22,500.00          | For Approval |
| 17           | Curriculum Activities | Industrial visit of 5th Sem students                      | ME     | 05 Nov 2018, Varahi Power Plant                  | Varahi Power Plant                                   | 50,000.00    | 40,000.00          | For Approval |
| <b>TOTAL</b> |                       |   |        |  |  |              | <b>4,32,540.00</b> |              |

**f. Conferences / Workshops / FDPs / SDPs organized**

| Sl. No. | Type of Academic Activity  | Title of the Academic Activity  | Department | Nos. of the Participants | Venue        | Duration of Program |            | Name of the Co-ordinator | Organisation  | Actual Cost | BOG Approval |
|---------|----------------------------|---|------------|--------------------------|--------------|---------------------|------------|--------------------------|---|-------------|--------------|
|         |                            |   |            |                          |              | From                | To         |                          |   |             |              |
| 1       | Symposium                  | Research Congregate-2018  | TEQIP Cell | 60                       | PESCE Mandya | 4/10/2018           |            | Dr. H V Ravindra         | Expert talk by Dr. Karisiddappa, VC, VTU, Belgaum             | 50,246.00   | For Approval |
| 2       | 5 Days FDP                 | Blockchain Technology & Cloud Computing using amazon Web Service        | TEQIP Cell | 91                       | PESCE Mandya | 21/01/2019          | 25/01/2019 | Dr. H P Mohan Kumar      | Srinivasa Raju V Director, Alykas Innovations (OPS) Pvt. Ltd. | 151,651.00  | For Approval |
| 3       | One week FDP               | Application of Data Science & IoT                                       | ISE        | 35                       | PESCE Mandya | 7/1/2019            | 12/1/2019  | Dr. Minavathi            | Arun K  | 193,174.00  | For Approval |
| 4       | One Week Workshop          | Industry Orientation Residential Winter Camp on Free Software/ Hardware | I&SE       | 75                       | PESCE Mandya | 20/01/2019          | 24/01/2019 | Dr. Minavathi            | Ramaseshan Bengaluru  | 401,924.00  | For Approval |
| 5       | one week workshop          | NBA for UNSIET  | TEQIP Cell | 15                       | PESCE Mandya | 3/1/2019            | 8/1/2019   | B. Dinesh Prabhu         | PESCE Facultys  | 259,620.00  | For Approval |
| 6       | One Day Technical Event    | HACKMANIA 1.0   | CSE        | 100                      | PESCE Mandya | 9th Feb 2019        |            | Dr. Nagarathna           |   | 51,975.00   | For Approval |
| 7       | One Day Training Programme | Typhoon HIL Technology  | EEE        | 51                       | PESCE Mandya | 1st Feb 2019        |            | Dr. P S Puttaswamy       | Shashank Kumar, Senior Application Engineer                   | 14,873.00   | For Approval |
| 8       | Meeting with all HoDs      | Discus R&D, III Cell and Plan of action                                 | TEQIP Cell | 20                       | PESCE Mandya | 29/09/2019          |            | B. Dinesh Prabhu         |   | 7,468.00    | For Approval |

| Sl. No. | Type of Academic Activity          | Title of the Academic Activity                               | Department | Nos. of the Participants | Venue        | Duration of Program |            | Name of the Co-ordinator | Organisation   | Actual Cost | BOG Approval |
|---------|------------------------------------|--|------------|--------------------------|--------------|---------------------|------------|--------------------------|--|-------------|--------------|
|         |                                    |  |            |                          |              | From                | To         |                          |  |             |              |
| 9       | One day Meeting                    | d  | TEQIP Cell | 195                      | PESCE Mandya | 31/01/2019          |            | Dr. H V Ravindra         |  | 56,300.00   | For Approval |
| 10      | International Conference           | Recent trends in Business Management                         | TEQIP Cell | 40                       | PESCE Mandya | 25/01/2019          |            | Pooja Nagpal             |  | 38,220.00   | For Approval |
| 11      | FDP                                | ICT  | TEQIP Cell | 35                       | PESCE Mandya | 29/01/2019          | 2/2/2019   | Dr. H V Ravindra         |  | 22,700.00   | For Approval |
| 12      | 3 Days Workshop (5th Sem Students) | Enhancing C Programming Skills                               | ECE        | 50                       | PESCE Mandya | 1/11/2018           | 3/11/2018  | Dr. K A Radhakrishna Rao | Mr. Mahesha Panyana and Mr. Raghavendra Bahta                | 33,300.00   | For Approval |
| 13      | Symposium                          | Technical Symposium on Women and Technology                  | ECE        | 120                      | PESCE Mandya | 9/3/2019            |            | Dr. K A Radhakrishna Rao | Dr. Shambhavi B R, Professor, BMSCE                          | 45,059.00   | For Approval |
| 14      | Technical Talk                     | Traits and attitude of students innovators and Entrepreneurs | ECE        |                          | PESCE Mandya | 16/04/2019          |            | Dr. K A Radhakrishna Rao | abhishek Mahesh Appaji, Professor BMS College of Engineering | 7,308.00    | For Approval |
| 15      | Workshop                           | Plagiarism and Measuring of Scientific Productivity          | Library    |                          | PESCE Mandya | 27/04/2019          |            | Kodandaram               | Dr. C P Ramashesh Trd. University Librarian-Mysore           | 8,669.00    | For Approval |
| 16      | Workshop                           | Android Application Development                              | CSE        | 50                       | PESCE Mandya | 15/04/2019          | 16/04/2019 | Dr. Nagarathna           | Nithin Kumar Asst.Professor Mysore                           | 28,823.00   | For Approval |
| 17      | Workshop                           | Artificial Intelligence                                      | CSE        | 57                       | PESCE Mandya | 15/04/2020          | 16/04/2020 | Dr. D R Umesh            | Dr. Indiramma Professor Bangalore                            | 36,897.00   | For Approval |

| Sl. No. | Type of Academic Activity | Title of the Academic Activity  | Department | Nos. of the Participants | Venue               | Duration of Program |            | Name of the Co-ordinator | Organisation                                    | Actual Cost | BOG Approval |
|---------|---------------------------|---|------------|--------------------------|---------------------|---------------------|------------|--------------------------|---|-------------|--------------|
|         |                           |   |            |                          |                     | From                | To         |                          |   |             |              |
| 18      | NPIU                      | Student Learning Assessment (SLA)   | CSE&EEE    |                          | PESCE Mandya        | 28/03/2019          | 30/03/2019 | B. Dinesh Prabhu         |   | 34,888.00   | For Approval |
| 19      |                           | Pedagogy Training   | TEQIP Cell | 30                       | IIT Madras, Chennai | 1/7/2019            | 5/7/2019   | B. Dinesh Prabhu         |   | 59,100.00   | For Approval |
| 20      | One day Seminar           | Quality Control tools an Industrial Application   | I&P        |                          | PESCE Mandya        | 23/03/2019          |            | Dr. B S Shivakumar       | sudhakar Bagalkoti Quality Consultant           | 2,760.00    | For Approval |
| 21      | One day Workshop          | Contribution to Agricultural Engineering  | TEQIP Cell | 100                      | PESCE Mandya        | 27/02/2019          |            | B. Dinesh Prabhu         | T Shivashankar Dean (Agri) CollegeVCfarm Mandya | 20,050.00   | For Approval |
| 22      | Technical Talk            | Applications and Research Prospects of Thermodynamics   | Mech       |                          | PESCE Mandya        | 16/02/2019          |            | Dr. H P Raju             | Dr. Mohan Kumar S A, Professor VVCE Mysore      | 4,089.00    | For Approval |
| 23      | Workshop                  | SLA Survey  | TEQIP Cell |                          | PESCE Mandya        | 27/03/2019          | 28/03/2019 | Dr. H V Ravindra         | Dr. V S Hombalimath Professor BVB Hubli         | 12,510.00   | For Approval |
| 24      | Workshop                  | Accounts, Tally and Preparation of Audit Reports for account staff working in SPIU and TEQIP-III Institutions | TEQIP Cell | 40                       | PESCE Mandya        | 21/05/2019          |            | B. Dinesh Prabhu         | Manohar G Nayak Nodal officer SPIU Karnataka    | 60,000.00   | For Approval |
| 25      | Workshop                  | Internet of things with Raspberry Pi Microcontroller and FAGA Design with Verilog                             | ECE        |                          | PESCE Mandya        | 31/03/2019          | 1/4/2019   | Dr. K A Radhakrishna Rao |   | 89,056.00   | For Approval |

| Sl. No. | Type of Academic Activity | Title of the Academic Activity             | Department | Nos. of the Participants | Venue        | Duration of Program |            | Name of the Co-ordinator | Organisation  | Actual Cost         | BOG Approval |
|---------|---------------------------|--|------------|--------------------------|--------------|---------------------|------------|--------------------------|---|---------------------|--------------|
|         |                           |  |            |                          |              | From                | To         |                          |   |                     |              |
| 26      | Technical Talk            | Recent Developments in Water Jet Machining | Mech       | 150 (students)           | PESCE Mandya | 5/4/2019            |            | Dr. H P Raju             | Dr. S Srinivas, Prof. BMS College Engg                        | 5,645.00            | For Approval |
| 27      | Mentor Visit              | Second round Mentor Visit                  | TEQIP Cell | 1                        | PESCE Mandya | 10/5/2019           | 12/5/2019  | B. Dinesh Prabhu         | Dr. Mukul S. Sutaone, Professor. College of Engg. (COE), Pune | 65,000.00           | For Approval |
| 28      | Workshop                  | Web Application Development Using Node.js  | ISE        | 35                       | PESCE Mandya | 15/04/2019          | 17/04/2019 | Dr. Vinay S              |   | 42,634.00           | For Approval |
| 29      | Workshop                  | Survey : Contract for consulting services  | TEQIP Cell |                          | PESCE Mandya | 4/2/2019            |            |                          | Aspiring minds assesment Pvt. Ltd                             | 2,27,091.00         | For Approval |
|         |                           |  |            |                          |              |                     |            |                          |   | <b>20,31,030.00</b> |              |

**g. Student Activities(Academic)**

| Sl. No.      | Students Name                              | Type of Academic Activity | Details of Academic Activity          | Dept. | Date & Place                      | Actual Cost      | Bog Approval |
|--------------|--|---------------------------|---------------------------------------|-------|-----------------------------------|------------------|--------------|
| 1            | Nimish Ujwal S N                           | Workshop                  | Basic Course in Automotive Technology | ME    | 21 to 26 Jan 2019, NIE Mysore     | 4,100.00         | For Approval |
| 2            | Omkar I K                                  |                           |                                       |       |                                   | 4,100.00         | For Approval |
| 3            | Supritha Prasad                            | Workshop                  | Digital Manufacturing                 | I&P   | 29 to 30 March 2019, NIE Mysore   | 675.00           | For Approval |
| 4            | Shalini S R                                |                           |                                       |       |                                   | 2,496.00         | For Approval |
| 5            | Mechanical Engineering Students (Total-18) | Workshop                  | Mercedes-Benz Engine Live Training    | Mech. | 11 to 12 Oct 2018, NITK Surathkal | 43,794.00        | For Approval |
| <b>TOTAL</b> |  |                           |                                       |       |                                   | <b>55,165.00</b> |              |

**h. Publication of research paper or Faculty Scopus**

| Sl. No       | Name of author         | Title of paper   | Type                  | Department | Source Name  | Amount           | BOG Approval |
|--------------|------------------------|--|-----------------------|------------|--|------------------|--------------|
| 1            | Dr. Ravindra H V       | Estimation and Comparison of Welding Performances in P-GMAW using MRA and ANN for SS 304L Material open Access   | Conference Papers     | Mechanical | IOP Conf. Series: Materials Science and Engineering-2018 | 10,000.00        | For Approval |
| 2            |                        | Machine Vision System for Correlating Wire Electrode Status and Machined Surface WEDM of AlSi3NaMMCS open Access | Conference Papers     | Mechanical | IOP Conf. Series: Materials Science and Engineering-2018 | 10,000.00        | For Approval |
| 3            |                        | Estimation of Machining Performances using GMDH and ANN in Wire EDM of Cu-1Cr-0.1Zr Alloy open Access            | Conference Papers     | Mechanical | IOP Conf. Series: Materials Science and Engineering-2018 | 10,000.00        | For Approval |
| 4            |                        | Machined Surface Monitoring in Turning Using Histogram Analysis by Machine Vision                                | Conference Papers     | Mechanical | Materials Today: Proceedings - 2018                      | 10,000.00        | For Approval |
| 5            | Dr. H M Nanjunda swamy | Mechanical and Production Engineering Research and Development (JMPERD)  | International Journal | I&P        | 2249-8001 Vol.8, Issue. 2, Apr-2018                      | 10,000.00        | For Approval |
| <b>TOTAL</b> |                        |  |                       |            |  | <b>50,000.00</b> |              |

**i. MOOC - NPTEL Course (List of students registered)**

| Sl. No.      | Description  | No of Students | Total Amount       | BOG Approval |
|--------------|--|----------------|--------------------|--------------|
| 1            | NPTEL online courses fee of our Faculty and Students Conducted by III Bombay from March 2019 | 72             | 76,650.00          | For Approval |
| 2            | Swayam-NPTEL Local Chapter   | 219            | 234,900.00         | For Approval |
| <b>TOTAL</b> |  |                | <b>3,11,550.00</b> |              |

**j. Financial assistance for completing the Ph.D. (PAID)**

| Sl. No.      | Faculty Name                       | Guide Name               | Ph.D. Thesis Name   | University | Total Amount       | BOG Approval |
|--------------|------------------------------------|--------------------------|---|------------|--------------------|--------------|
| 1            | Dr. M L Anitha (Dept. of CSE)      | Dr. K A Radhakrishna Rao | Novel Approach in Multimodal Biometric Recognition system for Performance Enhancement | Mysore     | 75,000.00          | For Approval |
| 2            | Dr. N M Maheshgowda (Dept. of ECE) | Dr. S S Parthasarathy    | Optimal Design of Controlling DC-DC Switching Power Converter                         | Mysore     | 75,000.00          | For Approval |
| 3            | Dr. D R Umesh (Dept of CSE)        | Dr. B Ramachandra        | A Study of Knowledge based approach for the prediction of Recurrence of breast Cancer | Mysore     | 75,000.00          | For Approval |
| <b>TOTAL</b> |                                    |                          |   |            | <b>2,25,000.00</b> |              |



**Expenditure made up to 03/06/2019**

| Sl. No. | Particulars                              | Status                                 | Amount in Rs.  | Total Amount spent in Rs. |
|---------|--|--|----------------|---------------------------|
| 1       | Procurement                              | Procurement Completed and payment made | 3,00,35,592.00 | 3,00,35,592.00            |
|         |  | Invitation letter sent                 | 15,55,850.00   |                           |
| 2       | <b>Academics</b>                         |  |                |                           |
|         | Improve student's learning               |  | 40,56,659.00   | 1,69,89,263.00            |
|         | Graduates employability                  |  | 22,38,180.00   |                           |
|         | Faculty/staff development and motivation |  | 33,93,871.00   |                           |
|         | Research and development                 |  | 19,54,456.00   |                           |
|         | MOOCs and digital learning               |  | 5,49,950.00    |                           |
|         | Mentoring/Twinning system                |  | 26,64,769.00   |                           |
|         | Reforms and governance                   |  | 4,93,182.00    |                           |
|         | Management capacity development          |  | 2,60,649.00    |                           |
|         | Services                                 |  | 2,95,042.00    |                           |
|         | Industry-Institute Interaction           |  | 10,82,505.00   |                           |
| 3       | IOC                                      |  | 13,84,264.00   |                           |
|         |  |  | <b>Total</b>   | <b>4,84,09,119.00</b>     |

#### 4. Any other matter with the permission of the chair.

##### AGENDA:

##### 1. To appoint TEQIP Nodal Officer (Academic).

Dr. D R Umesh, Assoc. Professor, Dept. of Computer Science and Engineering and Dr. Mahesh Kaluti, Assoc. Professor, Dept. of Computer Science and Engineering, are to be appointed as TEQIP-III Nodal Officer (Procurement) and Nodal Officer (Academic) respectively in the place of Dr. N L Murali Krishna, Assoc. Professor, IP&E Dept. and Mr. Girish Babu M C, Asst. Prof. Dept. of CS&E.

**In this regard, it is placed before the BoG for consideration for approval.**

##### 2. To appoint stenographer to TEQIP Office.

Mr. Balasubramanian P V, who retired as stenographer of our college on 30/04/2019 is appointed as stenographer for TEQIP Office from 01-05-2019 for a salary of Rs.5000/- per month.

**In this regard, it is placed before the BoG for consideration for approval.**

##### 3. Proposed, revised procurement activities

As per requisition from the Departments of Civil and Mechanical Engineering, the following packages are revised and to be procured under TEQIP-III.

| Sl. No. | Department        | Name of the Equipments (OLD) | Name of the Equipments (Revised)  | Estimated cost (in Rs.) |
|---------|-------------------|------------------------------|---|-------------------------|
| 1       | Civil Engineering | CYPE Software                | Soil cone penetrometer, Weighing balance, High speed stirrer, Auto compactor, Permeability apparatus, Auger, UDS soil sampler and Speedy moisture meter   | 2,21,000.00             |
| 2       |                   | OASYS Software               | Amprobe IR-750 Digital Infrared Thermometer, Albedo meter, Skid Resistance and Friction Tester, Automatic bitumen compactor, Benkelman Beam Deflectometer, Constant temperature water bath, Digital Fatigue Testing for Soil, concrete, Bitumen Machine, Field CBR Test Set and Asphalt/ Bitumen mixer  | 9,02,000.00             |
| 3       |                   | Triaxial Testing Machine     | Motorized Flow Table for Mortar, Water Retention Test Apparatus for Mortar, Standard Cone Apparatus for Mortar, 50x50x50mm Cube Mould MS, 500x100x100mm Beam Mould MS, 150mm Dia x 300mm height Cylinder Mould CI, Mould Size: 7.06 cm X 7.06 m X 7.06cm, Flexural test devices for mortar beams, Prism Mould 40x40x160 mm, Length Compactor, Rapid Chloride Penetration Tester, Concrete Permeability Apparatus and Masonry block making machine | 4,32,850.00             |

| Sl. No.      | Department             | Name of the Equipments (OLD) | Name of the Equipments (Revised) | Estimated cost (in Rs.) |
|--------------|------------------------|------------------------------|----------------------------------|-------------------------|
| 4            | Mechanical Engineering | Shear Stability Tester       | LPG Fired Smithy hearth Furnace  | 7,00,000.00             |
| <b>TOTAL</b> |                        |                              |                                  | <b>22,55,850.00</b>     |

**In this regard, it is placed before the BoG for consideration for approval.**

**4. Second phase of Mentor visit for the TEQIP–III.**

As per NPIU directions, Prof. Mukul S Sutaone, Dean - Academic & Deputy Director, College of Engineering, Pune, visited our College on 11<sup>th</sup> and 12<sup>th</sup> May 2019 and carried out mentoring for the second phase for the TEQIP-III activities at our institution and also the twinning activities with the mentee institution.

*- For Information -*

**5. Finance review meeting for the TEQIP–III.**

A finance review meeting and workshop on Tally and Audit reports for account staffs working in SPIU & TEQIP-III institutions was held on 21/05/2019 at our institute. Dr. H D Chowdaiah, Chairman, GC, PESCE, Mandya presided over the function.

As per NPIU directions, workshop was conducted under supervision of NPIU and SPIU team i.e., Sri. Nand Kumar S Agnihotri, Senior Consultant, Finance, NPIU, Sri. Manohar G Nayak, OSDSPIU, Sri. Krishnamurthy and Sri. Anantha Subbarao, Nodal Officers SPIU. All the TEQIP–III institutions of Karnataka participated for the Finance review meeting and workshop.

*- For Information -*

**6. Verification of activities of the TEQIP–III by SPIU Officials.**

As per NPIU directions, verification of TEQIP–III activities, i.e., Procurements and Academic, was conducted under supervision of SPIU team i.e., Sri. Manohar G Nayak, OSD, SPIU and Sri. Anantha Subbarao, Nodal Officers SPIU. All the TEQIP–III activity related documents were verified at TEQIP Office and also visited all the Engineering Departments to physically verify the equipment procured under TEQIP.

*- For Information -*

**7. Proposed action plan for twinning activities with mentee institution.**

A meeting with TEQIP Coordinator and Nodal officer of mentee institution (UNSIET, VBSPU, Jaunpur, UP) was held on 14/05/2019 at Principals Chamber. Action plan for twinning activities with mentee institution was chalked out along with joint UG project works and International Conference.

| Sl. No. | Department  | At Mentor Institute  | At Mentee Institute  |
|---------|---|--|--|
| 1       | Computer Science & Engg., and Information Science & Engg. | IOT lab for 7 <sup>th</sup> Sem IT Students<br>1 <sup>st</sup> week of August, 2019.   | One theory subject on Operating Systems/ Artificial Intelligent for 5 <sup>th</sup> Sem Computer Science students.<br>1 <sup>st</sup> week of August, 2019.                  |
| 2       | Electronics & Communication Engg.                         | P Spice – Lab<br>2 <sup>nd</sup> to 8 <sup>th</sup> July, 2019   | Theory subject on Digital Signal Process for 5 <sup>th</sup> Sem Electronics Engg. Students. Lab session on Digital Signal Process.<br>1 <sup>st</sup> week of August, 2019. |
| 3       | Electrical & Electronics Engg.                            | P Spice – Lab Including Electronics Students<br>2 <sup>nd</sup> to 8 <sup>th</sup> July, 2019  | Theory subject on Power Systems/ Electrical Machines for 5 <sup>th</sup> Sem Electrical Engg. Students<br>1 <sup>st</sup> week of August, 2019.                              |
| 4       | Mechanical Engg.  | Advanced Mechanical Engg. Science Labs<br>1 <sup>st</sup> week of August, 2019.  | Machine Design – II<br>1 <sup>st</sup> week of August, 2019.   |
| 5       | Project works   | It was decided to carryout student's project using the expertise and facility at PESCE. Selecting the project can be done at UNSIET through the specialization list provided by the PESCE Faculty. The project work can be done at regular intervals and vacation of 7 <sup>th</sup> semester. |  |
| 6       | International conference                                  | It was decided to organize jointly, one International conference at UNSIET for the circuit branches during Jan – 2020 and one International conference for non-circuit branches during Feb 2020 at PESCE.  |  |

**In this regard, it is placed before the BOG for consideration and approval**

#### **8. To enhance honorarium for Mr. Mahesha M S and Kum. Shivashantha K**

The following Permanent staff members under P.E.T. Scale are working in our institution,

1. Mr. Mahesha M S, Computer Programmer, working since August 2011. Currently drawing a PET scale of Rs.7,000.00 (Basic), and
2. Kum. Shivashantha K, SDA with Computer applications working since February 2013. Currently drawing a PET scale of Rs.6,000.00 (Basic).

The above said employees were deputed to TEQIP-II & III to look after indispensable work at TEQIP office from 2013. They were given honorarium after obtaining BoG permission on November 2012 and 2013 respectively under TEQIP in addition to the scale they get under PET. Further, the PET scale paid to them is reimbursed to the college from TEQIP funds.

Altogether, currently they are getting;

| Sl. No. | Name                | PET Scale | Honorarium by TEQIP | Total     |
|---------|---------------------|-----------|---------------------|-----------|
| 1       | Mr. Mahesha M S     | 7,600.00  | 7,800.00            | 15,400.00 |
| 2       | Kum. Shivashantha K | 6,500.00  | 2,800.00            | 9,300.00  |

In TEQIP-III, Mr. Mahesha M S is looking after PFMS (Public Financial Management System), PMSS (Procurement Management Support System) and all the essential documentations of the TEQIP Cell in addition to work pertaining to computer programmer.

Kum. Shivashantha K is Looking after Management Information System (MIS), handling additional works such as collecting data from all the Departments pertaining to MIS and managing important records of the TEQIP Cell in addition to work pertaining SDA.

Further, this is to bring to your kind notice that, the above said employees humbly requested to enhance their honorarium under TEQIP for the extent of work load carried out by them for TEQIP office and Institution.

**In this regard, it is placed before the BOG for consideration**

**9. To provide financial assistance for completing the Ph.D. to Dr. M Sadashiva.**

As per the PIP, faculty members are eligible to reimburse their expenditure incurred for the research work leading to their doctoral degree. The following staff member has submitted the bills of expenditure towards completing Ph.D. degree.

| Sl. No. | Name of the candidate | Department             | Title of the thesis  | Amount claimed (In Rs.) | Amount to be Paid (In Rs.) |
|---------|-----------------------|------------------------|--|-------------------------|----------------------------|
| 1       | Dr. M Sadashiva       | Mechanical Engineering | Studies on weldability of Aluminum based MMC by varying welding parameters | 2,10,839.00             | 75,000.00                  |

**In this regard, it is placed before the BOG for consideration for approval.**

**10. MOU with University of Agriculture (GKVK, Bengaluru)**

A MoU was initiated with University of Agriculture, GKVK, Bengaluru, to have joint academic interaction that could be mutually beneficial and this MoU collaboration shall initiate joint or mutually useful Knowledge exchange programmes through Theory, practice, projects and Research.

As a first step we have already carried out a Workshop for Agricultural University students and faculty of VC Farm on "Contribution to Agriculture Engineering" on 27-02-2019 at our Institute. During the workshop, the contribution of our institute towards Agriculture Engineering/farmer community from various Engineering Departments were shared with presentations and visit to laboratories/departments.

The Vice Chancellor of the UOA has come forward to have MoU with our Institute. This attempt is a path towards academic progress through MoU.

**In this regard, it is placed before the BOG for consideration for approval.**

**11. Pedagogy training for young PESCE Faculty at IIT Madras**

As per the directions of our Honorable President Dr. H D Chowdaiah, about 30 Young faculty members of our Institution from all the engineering programmes with less than 10 years of experience are being deputed to undergo a week Pedagogy training at one of the elite institutes, IIT Madras, Chennai, during 1<sup>st</sup> to 5<sup>th</sup> of July 2019 as a part of TEQIP-III academic activities .

**In this regard, it is placed before the BOG for consideration for approval**

## **12. Collaborative research activities between TEQIP Funded Institutions**

As per NPIU directions, “Collaborative Research Scheme” under TEQIP III for faculty is to be initiated. In this context, initiations have been made with TEQIP Funded Institutions to take up Collaborative Research activity. Further, SPIU has requested our Institution orally to organize a workshop to discuss the above said matter among the TEQIP funded institutions of the state during the month of July/August 2019.

**In this regard, it is placed before the BOG for consideration for approval**

## **13. Work shop for motivating young faculty of our Institute to involve in R & D funded activities.**

To encourage the faculty members having/pursuing Ph.D., a workshop has been proposed to prepare project proposal for various R&D funding agencies during the month of July/August 2019 by inviting experts from elite Institutions.

**In this regard, it is placed before the BOG for consideration for approval**

## **14. Renewal of TEQIP-III four funds (FDs)**

The TEQIP-III four funds (FDs), which were due for renewal on 07/05/2019 have been renewed for one year. The total amount in above FDs as on the renewal date is as below.

| Sl. No.            | Name of the Account        | Account No. | Available amount in Rs. |
|--------------------|----------------------------|-------------|-------------------------|
| 1                  | Corpus Funds               | 31396996440 | 18,16,068.00            |
| 2                  | Faculty Development Funds  | 31397017998 | 18,16,068.00            |
| 3                  | Equipment Replacement Fund | 31397000177 | 18,16,068.00            |
| 4                  | Maintenance Fund           | 31396965116 | 18,16,068.00            |
| <b>Grand Total</b> |                            |             | <b>72,64,272.00</b>     |

**In this regard, it is placed before the BOG for consideration for approval**

Sd/-  
**(Dr. H V Ravindra)**  
Principal & TEQIP Director

Sd/-  
**(Dr. Ramalingaiah)**  
Chairman, BOG, TEQIP

## ANNEXURE - I

### **Proceedings of the 4<sup>th</sup> BOG meeting of TEQIP-III held on 09/02/2019**

Proceedings of the 4<sup>th</sup> Board of Governors meeting of TEQIP Phase-III, Sub Component 1.3 held on 09/02/2019 at 11.00 am in the Chamber's of the Principal, P.E.S. College of Engineering, Mandya under Chairmanship of Dr. Ramalingaiah, Chairman, TEQIP Phase-III, PESCE, Mandya.

#### **Members Present:**

1. Dr. Ramalingaiah, Chairman, BOG, TEQIP Phase-III
2. Prof. H V Venkatakrishna, Member
3. Dr. T.V. Ravi, Member
4. Prof. D K Subramanian, Member
5. Dr. H V Ravindra, Principal, TEQIP Director & Ex. Officio
6. Prof. B Dinesh Prabhu, Member & TEQIP Coordinator
7. Prof. B B Tiwari, Special Invitee& TEQIP Coordinator from Mentee Institution

#### **Members Absent:**

1. Dr. K Venkatesh Member, VTU nominee
2. Governing Council Member, UGC nominee
3. DTE, (Govt. of Karnataka) Member
4. Dr. K Narasimha Chary, Staff representative(with permission)

Dr. Ramalingaiah, Chairman, BOG informed about the demise of Dr. Krishna, Principal, GEC, K R Pete and former BOG member of our college to the members and requested to observe one minute silence to express our condolences. And then the meeting was started.

At the outset Dr. H V Ravindra, Principal, Director and Ex-Officio, BOG, TEQIP-III extended a hearty welcome to The Chairman, GC and all the members of BOG and detailed about the agenda of the 4<sup>th</sup> BOG.

Dr. H V Ravindra detailed about the agenda of the 4<sup>th</sup> BOG and deliberations were carried out in length by the Chairman GC, the Chairman and honorable members of BOG and resolutions were passed accordingly.

#### **1. Confirmation of the proceedings of the 3<sup>rd</sup> BOG meeting held on 04/08/2019**

- *Confirmed* -

#### **2. Approval of action taken on the proceedings of the 3<sup>rd</sup> BOG meeting held on 04/08/2018 regarding utilization of funds released under TEQIP Phase-III, Sub Component 1.3.**

**a) Regarding the status of Procurement and academic activities under TEQIP-III.**

The TEQIP Director informed the body that the amount spent on the procurement and the academic activities carried out under TEQIP Phase-III would be directly remitted to the vendors as per the action plan.

- *Approved* -

**b) Regarding the Twinning program by Mentor College to Mentee College.**

Dr. H V Ravindra briefed about the activities like academic and OBE & NBA training held under twinning program between the Mentor PESCE, Mandya and the Mentee, Uma Nath Institute of Engineering and Technology. Prof. D K Subramaian suggested taking students feedback about the academic difficulties faced during UG and benefits provided to them through Remedial coaching classes under TEQIP by Mentor Institute. Further, he also suggested keeping the notes taken by students during coaching in the library for reference.

Prof. B B Tiwari, TEQIP Coordinator from Mentee Institution expressed satisfaction about helpfulness of trainings executed by Mentee Institute to them through twinning activities and further mentioned that they have applied for NBA pre-qualifier for two programmes with the support of Mentor institute.

- *Approved* -

**c) Regarding MOU with Binghamton University, USA with our College**

The Principal informed the members that an academic interaction, with regard to continuation of MoU with Binghamton University was held on 2<sup>nd</sup> December 2018 at Bengaluru. He also briefed about the outcome of the meeting regarding academic exchange activities like academic teaching by Faculty of Binghamton University on the subjects like Data Science, Machine Learning and Six Sigma etc. shall take place in the same way as it was held during January 2018 for the subject Data analytics.

Prof. D K Subramanian suggested to focus with the Binghamton University on Computer Science PG programmes for the subjects like, software engineering, Digitization, Artificial Intelligence, Machine learning, Deep learning etc. He also suggested to incorporate IOT with more and more tools which will give a complete learning and Python software can be used more as it is open software.

- *Approved* -

**d) Regarding implementation of Induction program as a part of TEQIP Phase-III for the first year students of the academic year 2018-19.**

The Director informed the members that an extensive Induction program as per AICTE norms was conducted for twenty one days consisting of various activities and educative awareness. The above said program was sponsored by TEQIP Phase-III for the first year students of the academic year 2018-19.

Prof. D K Subramaian suggested to focus on addressing the need of empowering students on English language through different ways like, technology barrier programme, skill development and read and talk exercise etc. Dr. H V Ravindra informed the members that,



this has been incorporated in our regular course structure on communication and advanced communication for English.

- *Approved* -

- e) **Organizing 3<sup>rd</sup> International Conference on Emerging Research in Electronics, computer science and Technology (ICERECT-2018) on 23<sup>rd</sup> and 24<sup>th</sup> August, 2018.**

Dr. H V Ravindra informed the members about the successful conduction of the conference with technical association with Springer. Further, it was also brought to the notice of the BOG members that the publication in Springer LNEE in the year 2019.

- *Approved* -

- f) **Review and approval for the status of Procurement, Training programmes, Workshop, FDPs, SDPs, International Conference (within India) / National Conference for Faculty and Staff etc.,**

The principal narrated that as per the suggestions given by the honorable members, the above said agenda has been carried as per the rules and regulations of world bank manual PIP.

- *Approved* -

- g) **To conduct Gate Coaching/Training**

The TEQIP Director informed the members that the interested UG students are trained for GATE-2019 by Thinkcell Learning Solutions Pvt. Ltd, Secunderabad and VLSI Guru Training Institute, Bengaluru for the Examination held on 2nd February, 2019. Further, he also informed that the GATE registration fee is funded to all students who appeared for the GATE-2019 examination.

Prof. D K Subramaian and Dr. T V Ravi suggested to make changes in the syllabus so that the syllabus should match the GATE syllabus. They also suggested that, let final year students teach their junior students.

- *Approved* -

- h) **Proposal for conducting Finishing School (Dr. R Girish – T & P Cell)**

Dr. H. V Ravindra informed the members that, a finishing school; a school for young graduates that focus on teaching social graces and cultural rites as a preparation for entry into society was conducted by Training and placement cell by QSpider and Jspider, Bangalore.

- *Approved* -

- i) **Appointment of Performance Auditor/Mentors from our college by NPIU reg.**

The Director informed the members that, three Faculty members of our college nominated by NPIU, New Delhi, as Performance Auditor/Mentors under TEQIP Phase-III have successfully completed their assignment

-*Approved* -

**j) Appointment of Internal Auditor and Statutory Auditor**

Dr. H. V. Ravindra informed members that, Internal Auditor and Statutory Auditors appointed are respectively;

- Sreenatha and Anoop Chartered Accountants, Bangalore and
- M/s CGS & Co. Bangalore

And, as per the suggestions made by Chairman GC, Internal Auditor and Statutory Auditors have agreed to reduce about 25% of their professional fee.

- *Approved* -

**k) Refurbishment of Computer Science & Engineering lab**

Dr. H. V Ravindra informed members that, Refurbishment of nine labs and a smart class room of Computer Science and Engineering Department is completed for an amount of Rs.33,02,947.00. The Department will be undergoing NBA process in the year 2019-20.

- *Approved* -

**3) Review and approval for the status of Procurement, Training programmes, Workshop, FDPs, SDPs, International Conference (within India) / National Conference for Faculty and Staff etc.,**

Dr. H V Ravindra informed members about the Components under the above said agenda. After detail discussion by the Chairman GC and honorable members of BOG resolutions were passed accordingly.

Members raised concerns about the utilization of the equipments and suggested to utilize beyond academics and curriculum. They suggested to publicize by many means i.e. through display/booklet/create awareness carryout consultancy/trainings. They also suggested to build strategic plan through brain storming.

- *Approved* -

**4) Any other matter with the permission of the chair.****1. First phase reports of Mentor & Performance Auditor for the TEQIP – III.**

The principal informed members about the visit of Mentor, **Prof. M S Sutaone** & Performance Auditor **Prof. Rakesh L Shrivastava** for the TEQIP – III, as a first phase to our institute. As per NPIU directions, reports were submitted to NPIU by them. A detailed discussion was carried on the report submitted by the Performance auditor and the members were convinced with the progress.

*Approved* -

**2. Revision of Packages for the procurement**

Dr. H. V Ravindra informed members about the proposed Revision of Packages for the procurement from concerned departments, as there are modifications in specifications, quantity and cost of the equipment's/services/minor civil works.

- *Approved* -

### 3. **TEQIP - III funding for GATE 2019 training**

Dr. H. V Ravindra informed members about trainings for GATE-2019 examinations for the academic year 2018-19 have been conducted for final year UG students of circuit and non-circuit Branches by NPIU New Delhi nominated training centers namely VLSI Guru Training Institute, Bangalore and Thinkcell Learning Solutions Pvt. Ltd. Secunderabad. He also gave the detail statistics of 339 Students registered for GATE-2019

Members appreciated the academic movement for the benefit of students

- *Approved* -

### 4. **TEQIP-III funding for NPTEL/MOOCs/C2C**

Dr. H V Ravindra informed members about encouragement and funding for NPTEL/MOOCs/C2C certifications for the faculties and students. He also narrated about the details of statistics of the same.

Members appreciated the academic movement for the benefit of staff and students

- *Approved* -

### 5. **Twinning Activities with mentee institute**

Dr. H. V Ravindra detailed about the progress of twinning programme between Mentor and Mentee Institute. He also mentioned that, the Twinning activities are one of the important fragment of TEQIP-III Programme and till date about Twenty-four Twinning programmes were conducted since inception of TEQIP-III.

- *Approved* -

### 6. **Patent Review Meeting**

The principal informed members that as per NPIU directions based on PIP, “**Patent Review meeting**” was held on December 24<sup>th</sup> 2018 under the chairmanship of **Dr. D K Subramanya** Professor (Rtd.) IISc, Bengaluru, to review and resubmission of the patent proposals. He narrated about the committee report for agreeing to fund for three patents

- *Approved* -

### 7. **Payment towards Research Expenditure to PESCE Faculty who was awarded Ph.D.**

Dr. H. V Ravindra narrated that, as per the NPIU guidelines and with the permission of Dr. Ramalingaiah, Chairman, it was recommended to reimburse of Rs. 75,000=00 towards Research Expenditure to the faculty members who completed Ph.D. and approached TEQIP cell for reimbursement with proper bills. He placed before the august body to fix an amount for the reimbursement. The Members suggested not to limit the amount but limit for the each items like, consumables, contingency, labour charges, report preparation, etc.

- *Approved* -

### 8. **Assuming charges of various posts in TEQIP-III**

The TEQIP Director informed members that, After the Superannuation of former principal, Dr. V Sridhar, Dr. H V Ravindra Principal has taken the charge of Director, Mr. B Dinesh Prabhu

has taken the charge of Coordinator and Mr. Girishbabu M C has taken the charge of Academic nodal officer from 1<sup>st</sup> September 2018.

- *For Information* -

#### 9. Workshops/FDPs conducted

Dr. H V Ravindra informed members about the Workshops/FDPs conducted during January 2019. Also, he mentioned about Prof. Richard Stallman, Founder of Free software movement from USA who was in our campus for the “Residential Winter camp on FSMK Winter Camp – 2019” hosted by Dept. of CSE & ISE. Members appreciated this academic moment.

- *For Information* -

#### 10. Delay in payment through PFMS

Dr. H. V Ravindra informed members that, as per the information given by NPIU, New Delhi, there will be delay in payment through PFMS to all TEQIP Institutions due to technical reasons. Further, it was suggested by them to utilize the Institution Funds, as a stop gap arrangement, till funds are made available through PFMS.

- *Approved* -

#### 11. Training and Motivating PESCE students to take up National/State Level Competitive Examinations

As per the suggestion given by Honorable Chairman, PET® Dr. H D Chowdaiah, Dr. Ramalingaiah, Chairman BoG informed as an academic initiative towards the overall upliftment of the future PESCE students, motivation / orientation shall be given to our students and give basic knowledge/training about National Level Competitive Examinations at our institution along with soft skill training to them. Further, training shall be availed from “**Mandya Krushik Sarvodaya Trust(R) Mandya**” through a MoU with them.

Members suggested to keep books pertaining to these Civil service examinations at our library. Chairman BoG Dr. Ramalingaiah, said that these books are already available at “**Mandya Krushik Sarvodaya Trust(R) Mandya**”.

- *Approved* -

### Table Agenda

1. **As per the directions of NPIU, though funds are not available in PFMS, it is suggested by NPIU, to utilize the institution funds in order to carry out the TEQIP-III project activities i.e., procurement, academic and IOC, as a stop gap arrangement until the funds are made available through PFMS.**

Dr. H V Ravindra narrated the details of payment made and to be made towards various TEQIP-III project activities i.e., procurement and academic and informed the august body that, the amount spent from institution will be returned once the TEQIP-III project amount is disbursed from NPIU/MHRD to our institution through PFMS.

- *Approved* -

2. **To change the name of the following Fixed Deposits from TEQIP-II to TEQIP-III.**

The principal informed members that, as per the PIP of TEQIP-II the Fixed Deposits will be maturing on 07<sup>th</sup> May 2019 for the amount of Rs. 19,35,166.00 lakhs at SBI KGL Branch, Mandya, for four accounts as informed. In this regard, it was placed before the august body for approval to continue the Fixed Deposits during TEQIP-III period also.

- *Approved* -

**3. Faculty meeting organized on 30<sup>th</sup> January 2019 to review the progress of TEQIP-III.**

The principal informed members that, a general staff meeting was held on 30<sup>th</sup> January, 2019 to review the progress of TEQIP-III. He also mentioned that, both Procurement and academic activities carried and to be carried were discussed.

- *For Information* -

**4. Any other matter with the permission of the Chair.**

At the end of the meeting, members once again reiterated the concerns about the equipment to be utilized to the fullest extent.

Dr. H V Ravindra, assured that the matter will be viewed seriously and shall be addressed.

The meeting was concluded with vote of thanks by Chairman BoG, Dr. Ramalingaiah.

Sd/-  
(Dr. H V Ravindra)  
Principal & TEQIP Director

Sd/-  
(Dr. Ramalingaiah)  
Chairman, BoG, TEQIP-III

## ANNEXURE-II

### **Action taken on the proceedings of the fourth BOG meeting held on 09/02/2019 regarding of funds released under TEQIP Phase-III, Sub Component 1.3.**

**a) Regarding the status of Procurement and academic activities under TEQIP-III.**

Out of Rs.700.00 lakhs PLA, about Rs.300.35 lakhs (85.81%) of Procurement has been completed and Rs.183.37 lakhs (52.39%) of academic activities has been completed. The payments are directly remitted to the vendors as per the action plan.

**b) Regarding the Twinning program by Mentor College to Mentee College.**

The activities regarding academic, OBE & NBA training was held for Uma Nath Institute of Engineering and Technology, Jaunpur UP. As per Prof. D K Subramaian suggestion and based on the students feedback about the academic difficulties faced during UG (1.1 Mentee Institution), remedial coaching classes have been carried out by Mentor Institute.

**c) Regarding implementation of Induction program/technical program as a part of TEQIP Phase-III for the students of the academic year 2018-19.**

An extensive Induction program SELP as per AICTE norms was conducted for a week consisting of various activities and educative awareness.

As per honorable members suggestion and also as per TEQIP-III, to empower students on technical and soft skill development, Employability skill development program was carried out.

For 4<sup>th</sup> and 8<sup>th</sup> Sem. EEE & CSE students, Student Learning Assessment (SLA) test under the aegis of Stanford University, USA was carried out.

**d) Publications of proceedings of 3<sup>rd</sup> International Conference on Emerging Research in Electronics, computer science and Technology (ICERECT-2018) conducted on 23<sup>rd</sup> and 24<sup>th</sup> August, 2018.**

The Publication of the conference was published in Springer LNEE in the year 2019.

**e) Proposal for conducting Finishing School (Dr. R Girish – T & P Cell)**

The third edition of finishing school, a school for young graduates (7<sup>th</sup>Sem students) that focus on teaching social graces and cultural rites as a preparation for entry into society will be conducted in the month of June 2019 by Training and placement cell.

**f) Refurbishment of Computer Science & Engineering lab**

After Refurbishment at department of CSE, nine labs and a smart class room has been handed over to the Department of Computer Science and Engineering.

**g) TEQIP - III funding for GATE 2019 training**

GATE training/coaching has been conducted by NPIU empanelled training agency (*Thinkcell, Secunderabad*) for GATE-2019 examinations. About 339 UG students registered for GATE-2019 examinations for the academic year 2018-19.

**h) TEQIP-III funding for NPTEL/MOOCs/C2C**

About 568 students/faculties registered for NPTEL/MOOCs/C2C certifications and registration fee have been paid under TEQIP.

**i) Twinning Activities with mentee institute**

Twining activities are one of the important fragment of TEQIP-III Programme and till date about Twenty- nine twining programmes were conducted since inception of TEQIP-III between PESCE (1.3 mentor institutions) and UNSIET, VBSPU, Jaunpur, UP (1.1 mentee institutions).

**j) Training and Motivating PESCE students to take up National/State Level Competitive Examinations**

Dr. Ramalingaiah, Chairman BoG along with an expert delivered a motivation/orientation talk to our students about National Level Competitive Examinations (NLCE) as an academic initiative towards the overall up-liftment of the future PESCE students. Further, Our T & P team gave a brief introduction about the NLCE training available in “**Mandya Krushik Sarvodaya Trust(R), Mandya**”.

Sd/-

**(Dr. H V Ravindra)**  
Principal & TEQIP Director

Sd/-

**(Dr. Ramalingaiah)**  
Chairman, BOG, TEQIP

**P.E.S. COLLEGE OF ENGINEERING, MANDYA – 571401**

**Table agenda for the Fifth Board of Governors (TEQIP Phase-III) Meeting scheduled on  
Saturday, 15<sup>th</sup> June, 2019 at 11.00am**

- 1. To provide financial assistance towards publication of book “Medical Image Analysis – A Research Outcome”.**

Dr. H S Sheshadri, Professor in ECE, has published a book titled “Medical Image Analysis – A Research Outcome”. He has requested reimbursement of an amount of Rs. 22,000.00 towards publication charges and purchase of volumes.

**In this regard, it is placed before the BoG for consideration and approval**

- 2. TEQIP - III funding for GATE 2019 training for ECE and EEE programmes.**

As per NPIU directions based on PIP, GATE trainings for GATE-2019 examinations (held on 2<sup>nd</sup> February 2019), for the academic year 2018-19 have been conducted for final year UG students of ECE and EEE programmes by SOCDV Technologies Pvt. Ltd. Bengaluru (VLSI Guru Training Institute). Total Number of Students trained for ECE and EEE programmes GATE-2019 examinations – 28. An amount of Rs. 2,80,000.00 to be paid towards training fee.

**In this regard, it is placed before the BoG for consideration and approval**

- 3. TEQIP - III funding for Internship activity conducted for the 8<sup>th</sup> Semester students of ECE programme.**

As a part of ECE Programme academic requirement, four weeks internship programme on Verylog and Python programming was conducted during 7/1/19 to 4/2/19 by SOCDV Technologies Pvt. Ltd. Bengaluru for the 8<sup>th</sup> Semester students of ECE programme. In this context, an amount of Rs. 88,000.00 has been paid towards conduction of internship programme.

**In this regard, it is placed before the BoG for approval**

- 4. Any other matter with the permission of the Chair.**

Sd/-  
(Dr. H V Ravindra)  
Principal & TEQIP Director

Sd/-  
(Dr. Ramalingaiah)  
Chairman, BOG, TEQIP-III