

**Minutes of the 22nd meeting of the Board of Governors held on 22nd
December 2016 at College of Engineering Kidangoor**

Members Present

1. Dr. P. Venkitanarayanan, Chairman
2. Dr. R. Sasikumar, Director, CAPE
3. Dr. K.G. Viswanadhan, Member Secretary
4. Dr. S. Anilkumar, Public Relations Director, CUSAT
5. Sri. N.J. Mathew, Director, Esbesons Engineering. Pvt. Ltd.
6. Sri. J. Vijaya Mohanan, Additional. Secretary, Finance
7. Sri. A. Mohanakrishnan, GM, RUBCO
8. Sri. Harilal K.G., Retd. Prof., NSS College, Palakkad
9. Dr. Rini Jones S.B., HoD Electronics & Communication Engineering
10. Smt. Indhu P. Nair, HoD Electrical & Electronics Engineering

Also Present

1. Mr.Vivek Raju, TEQIP Coordinator
2. Ms.Jisha Balakrishnan, TEQIP Coordinator
3. Mr.Saji Justus, Procurement Nodal Officer
4. Mr.Sunish Kurian, Finance Nodal Officer
5. Ms.Gitty Rose Eugene, III Nodal Officer
6. Ms.Sreelakshmi S., Academic Nodal Officer
7. Mr.Joby James, Finishing School Nodal Officer
8. Ms.Shandy K.K., for HoD CS
9. Mr.Mohammed Nizar B.K., for HoD IT
10. Mr.Anith Krishnan, Placement Cell Coordinator

Minutes

The meeting started at 10.20 am. The Principal, Dr. K. G. Viswanadhan welcomed all the members to the 22nd BoG meeting. He briefed the activities for

Resolution: BoG asked reason for delaying minutes. CAPE Director directed that no to make any delay in future. The board instructed that the minutes should be circulated within 2 weeks after BoG, including approval from the the students, faculty and staff since the last BoG. He mentioned that ₹197 lakh was spent during the period and the remaining fund is also obtained. The forthcoming activities for the remaining fund are to be discussed in this BoG.

The Chairman while addressing the gathering informed the members that Chairman & Principal had attended a workshop on Good Governance at Delhi. He mentioned that 70 colleges had participated in the workshop and out of which five colleges were from Kerala. Salient points mentioned in the workshop are as follows:

- Colleges from Kerala follow well established procurement procedures
- The minutes of some colleges had only routine items mentioned.
- In some cases BoG members could spend at 4-5 hours per week for the college.
- BoG should publish annual report.

22.BoG.A1. Confirmation of the Minutes of the 21st Meeting of the Board of Governors held on 19.08.2016 at CEK Kidangoor


The Minutes of the 22nd meeting of Board of Governors of TEQIP Phase II on 19.08.2016 at College of Engineering Kidangoor was sent to the Chairman and all other committee members, changes incorporated and finalized the minutes. A copy of the minutes is also circulated along with this agenda notes.

Decision Sought: BoG may consider the minutes for confirmation.

Resolution: BoG asked reason for delaying minutes. CAPE Director directed that no to make any delay in future. The board instructed that the minutes should be circulated within 2 weeks after BoG, including approval from the Chairman. The board confirmed the minutes of 21st BoG.

22.BoG.A2. Action Taken Report

The decisions taken by the Board as recorded in the Minutes of the 20th and 21st Meeting of the Board of Governors of TEQIP Phase II held on 15.07.2016 and 19.08.2016 respectively have been noted and actions have been initiated. A report on the action taken and actions pending is presented below.


Dr. K.G. Viswanadhan,
Member Secretary


Dr. P. Venkatarayanan,
Chairman


| No. | Resolution | | | | | | Action Taken |
|--------------------------|---|---------------------|---|---------------------------------|---------------------------|-------|--------------|
| 20. BoG B1.1 .1 | Sanction was sought to attend the following outstation training programs for faculty. | | | | | | |
| | Sl. No | Name | Topic | Institution | Date | Amt | |
| | 1 | Saji Justus | Fuzzy Interpolative Controller and Applications | NIT, Silchar, Assam | 19/09/16 – 26/09/16 | 41807 | |
| | 2 | Vishnu Mohan | Fuzzy Interpolative Controller and Applications | NIT, Silchar, Assam | 19/09/16 – 26/09/16 | - | |
| | 3 | Dinu A.G. | Biomedical Signal Processing | TKMCE, Kollam | 21/07/16 – 27/07/16 | 3668 | |
| | 4 | Dinu A.G. | Educational Research Analytics | IIT, Kharagpur | 26/09/16 – 30/09/16 | - | |
| | 5 | Suresh A.R. | Software Testing | ESCI, Hyderabad | 23/08/16 – 26/08/16 | - | |
| | 6 | Suresh A.R. | Education Research and Analysis | IIT Kharagpur | 26/09/16 – 30/09/16 | - | |
| | 7 | Muhammed Nizar B.K. | Software Testing | ESCI, Hyderabad | 23/8/16 – 26/8/16 | 31718 | |
| | 8 | Muhammed Nizar B.K. | Educational Research and Analysis | IIT, Kharagpur | 26/9/16 – 30/9/16 | - | |
| | 9 | Sanoj R. | Research Trends in Computing & Algorithms | Model Engg. College, Thrikakara | 25/07/16 – 29/07/16 | - | |
| | 10 | Krishnaveni V. | Research Trends in Computing & Algorithms | Model Engg. College, Thrikakara | 25/07/16 – 29/07/16 | 37477 | |
| | 11 | Remyamol R. | Research Trends in Computing & Algorithms | Model Engg. College, Thrikakara | 25/07/16 – 29/07/16 | 37447 | |
| | 12 | Mary Priyanka K.S. | Research Trends in Computing & Algorithms | Model Engg. College, Thrikakara | 25/07/16 – 29/07/16 | 37447 | |

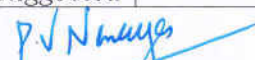
Dr. K.G. Viswanadhan,
Member Secretary

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Dr. P. Venkatarayanan,
Chairman

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| 13 | Dhanya Narayan | Recent Trends in Biomedical Signal & Image Processing | TKM College of Engg. Kollam | 21/7/16 - 27/7/16 | 3668 | Attended | |
| Resolution : The board approved all the proposals and also entrusted the Principal to take final decision on the number of faculty attending a single program. They suggested that daily class work should not be affected. | | | | | | | |
| 20. BoG. B1.1.2 | Sanction was sought to conduct the following in house programmes for faculties. | | | | | <div>Conducted</div> <div>Postponed to Jan</div> <div>Not conducted</div> <div>Postponed to January</div> <div>Not conducted</div> <div>Conducted</div> | |
| | Sl. No. | Dept. | Topic | Date | No. of Participants | | Amount |
| | 1 | CE | Finite Element Methods | 29/08/16 - 02/09/16 | 28 | | 47310 |
| | 2 | CS | Recent Trends in Bioinformatics | 23/09/16 - 29/09/16 | 45 | | 91678 |
| | 3 | CS | National Conference on "Novel and Challenging issues and Recent innovations in Engineering and Information Sciences" | 19/10/16 - 20/10/16 | 50 | | 405529 |
| | 4 | EEE | Preparatory Training Program for Electrical Supervisor Grade A Certification | 26/09/16 - 30/09/16 | 35 | | 100000 |
| | 5 | IT | Hands on Sessions on Raspberry Pi and Android device programming | 16/8/16 - 18/8/16 | 60 | | - |
| | 6 | ME | Fluid Mechanics | 26/09/16 - 30/09/16 | 30 | | 160000 |
| | 7 | EC | Recent Developments in Biomedical Signal Processing' | 29/8/16 - 02/9/16 | 30 | | - |
| | 8 | EC | Workshop on Electronic Design & Automation (EDA) Tools | 17/8/16 - 19/8/16 | 50 | | 61500 |
| | 9 | EC | National Conference on 'Innovations in Communications, Signal Processing & Embedded systems' | 6/10/16 - 7/10/16 | 50 | 312550 | |
| Resolution : The board approved all the proposals with all respects except sl.No.3 & 9. For Sl.No.3 & 9, the approval is for the program and not for the amount. The board asked to mail the detail budget of National Conferences within two weeks to the Chairman for approval of the expenses. The board also suggested to conduct the National Conferences in the College itself. The Board also suggested | | | | | | | |


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Chairman

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| | that students can also attend the conferences to hear the talk. The board also asked to make arrangements for publishing the proceedings of the conference and obtain ISBN number. Sri N.J. Mathew informed EEE HoD that EEE Department can make arrangements to conduct a session for the students, parents & the public regarding the changed rules of KSEB. | | | | | | |
| 20. BoG. B1.2 | Sanction was sought to conduct the following expert sessions for students under EAP. | | | | | | |
| | SL No | Dept. | Topic | Date | Class | Amount | |
| | 1 | EI | Short Term training course on Control system using MatLab (Shincy P. Kunjumon, Bushara M., Dinu A.G.) | 26/9/16 | S5 | 23593 | Conducted |
| | 2 | EI | Digital Systems (Vishnu Mohan) | 11/9/16 | S3 | - | Not conducted |
| | 3 | EI | Automatic Process Control (Saji Justus) | 22/9/16 | S7 | - | |
| | 4 | EI | Distributed Control System (Saji Justus) | 20/9/16 | S7 | - | |
| | 5 | EE | Testing of Transformers (Pradeesh Kumar D.) | 02/9/16 | S3 | - | |
| | 6 | EE | Synchronous Machines Analysis (Pradeesh Kumar D.) | 05/9/16 | S5 | - | |
| | 7 | EE | Special Machines (Sonima M.P.) | 27/8/16 | S5 & S7 | - | |
| | 8 | EE | Various Aspects of Power System (Salini M. Venugopal) | 27/8/16 | S5 | - | |
| | 9 | EE | Physical Significance and Various Implications of Maxwell's Equations in Field Theory (Indhu P. Nair) | 19/8/16 | S5 | - | |
| | 10 | EE | Concepts of Linear Integrated Circuits (Binimol V.K.) | 26/9/16 | S5 | - | Conducted under III |
| | 11 | EE | Power System Analysis (Soumya K.G.) | 29/8/16 | S7 | - | |
| | 12 | EE | Microprocessor and its Applications (Jasmi M.S.) | 29/7/16 | S5 | 4336 | Conducted under III |
| | 13 | IT | Implementation of Data Structures in C (Muhammed Nizar B.K.) | 04/8/16 11/8/16 | S3 IT | - | Not conducted |
| | 14 | CS | Practical Approach to Internet of Things (Anitha R.) | 23/8/16 | S7 | 5707 | Conducted |

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| | 15 | CS | Reconfigurable Computing (Jyothis Joseph) | 3/10/16 | M Tech S1 & S3 | 4770 | Conducted |
| | 16 | CS | Recent Trends in Error Detection Methods (Shandry K.K.) | 12/8/16 | S3 | 5340 | |
| | 17 | CS | Algorithm Analysis Methods (Suresh A.R.) | 16/8/16 | S7 | - | Not conducted |
| | 18 | CS | Expert Systems (Rekha K.S.) | 05/8/16 | S7 | - | |
| | 19 | CS | Web Development (Mary Priyanka K.S.) | 04/9/16 | S5 | - | |
| | 20 | ME | Graphics – The Language of Engineers (Sunish Kurian, Vivek Raju) | 29/8/16 | S2 EC/EI/ EE | 7710 | Conducted |
| | 21 | Physics | Photonics (Sreekala U.) | 01/9/16 | S2 CS/IT/ CE | - | Not conducted |
| | 22 | ME | Energy Conversion Devices (Sunish Kurian, Vivek Raju) | 17/9/16 | S2 EC/EI/ EE | 8450 | Conducted |
| | 23 | Applied Science | DISHA (Orientation Programme for 1 st year students) [Dr. C.B. Ajayakumar] | 31/10/16 – 05/11/16 | S1 All Branch | 31331 | |
| | 24 | | Motivational Talk (Jisha Balakrishnan, Vivek Raju) | 25/7/16 | S5 All Branch | 39109 | |
| | 25 | EC | Embedded Systems | 04/8/16 | S5 EC | - | |
| | 26 | EC | Digital Signal Processing | 05/8/16 | S5 EC | 7089 | Conducted |
| | 27 | EC | Image Processing | 05/9/16 | S7EC | 6000 | Not conducted |
| | 28 | EC | Small Signal Analysis of BJT | 07/9/16 | S3 EC | 6595 | conducted |
| | 29 | EC | Design of Application Specific Integrated Circuits | 18/8/16 | S5 EC | 5292 | |
| Resolution : The board approved all the proposals. SPFU Director mentioned that all expenditure should be done prior to 31-10-2016. Hence steps should be taken to settle all the bills prior to 31-10-2016. | | | | | | | |
| 20. BoG. B1.2. 2 | Sanction was sought to conduct the following Remedial Classes. | | | | | | Conducted all |
| | Branch | Subject | | | | No. of Sessions | |
| | S3EI | Network Theory | | | | 20 | |
| | | Solid State Electronics | | | | 15 | |

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| | Digital System | 10 | |
| | Electronic Circuits | 10 | |
| | Engg. Maths | 10 | |
| S5EI | Applied Electromagnetic Theory | 10 | |
| „ | DSP | 10 | |
| „,P | Micro Processor | 10 | |
| S7EI | ITC | 10 | |
| S3 CS | Data Structures using C | 20 | |
| S5 CS S7 CS | Engg. Maths | 15 | |
| | Engg. Maths II | 10 | |
| | Engg Maths IV | 10 | |
| | Engg. Maths II | 10 | |
| S3IT | C Programming Fundamentals | 15 | |
| | Engineering Graphics | 15 | |
| | Digital System Design | 10 | |
| | Linear Algebra | 10 | |
| | Data Structures | 15 | |
| S5IT | Engineering Mathematics II | 10 | |
| | Design and Analysis of Algorithms | 10 | |
| | Operating System Lab | 10 | |
| | Internet Programming | 15 | |
| S7IT | Operations Research | 15 | |
| EC | Electro Magnetic Theory | 5 | |
| | Digital Signal Processing | 5 | |
| | Network Theory | 5 | |
| | Electronic Circuits 1 | 5 | |
| | Solid State Devices | 5 | |
| S5 EE | Engineering Mathematics IV | 10 | |
| | Field Theory | 12 | |
| | Electrical Machines II | 10 | |
| | Power Systems I | 8 | |

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| | S3 EE | Linear Algebra & Complex Analysis | 8 | | | |
| | | Circuits & Networks | 8 | | | |
| | | Analog Electronic Circuits | 8 | | | |
| | | DC Machines & Transformers | 8 | | | |
| | | Computer Programming | 8 | | | |
| | | Design Estimation & Costing | 10 | | | |
| | | Power Systems II | 10 | | | |
| | | Control System II | 10 | | | |
| Resolution : The board approved all the proposals. The board also suggested to give remedial classes with other faculty from other CAPE colleges or from nearby colleges. SPFU Director mentioned that all expenditure should be done prior to 31-10-2016. Hence steps should be taken to settle all the bills prior to 31-10-2016. The Board also mentioned that suitable measures should be taken to improve the transition rate of students. | | | | | | |
| 20. BoG. | Sanction was sought to conduct the following programmes for students under III Cell. | | | | | |
| B1.3 | Sl. No | Dept | Topic | Date | Class | Amount |
| | 1 | EI | Hands on Training on Aurdino (Vishnu Mohan, Dinu A.G.) | 03/8/16 - 05/8/16 | S3 | - |
| | 2 | EE | Switch Gear and Protection in Power System (Sonima M.P.) | 05/8/16 | S7 | - |
| | 3 | EE | Embedded Systems based on Aurdino UNO (Anith Krishnan) | 25/7/16 - 05/8/16 | All branches except CE. Any semester | 26484 |
| | 4 | IT | .Net Programming (Sanoj R.) | 29/7/16 - 30/7/16 | S5 IT | 5260 |
| | 5 | IT | JAVA Programming using IDE (Eclipse)- Socket Programming, DB Connectivity, RMI Programming (Rana Surendran) | 11/8/16 - 13/8/16 | S7 IT | - |
| | 6 | IT | Android Workshop (Sanoj R.) | 28/7/16 - 30/7/16 | S7 IT | - |
| | 7 | IT | Flash (Remyamol R.) | 19/8/16 - 20/8/16 | S7 IT | - |

Not conducted

Conducted

Conducted

Not conducted

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| | 8 | IT | SQL Programming (Krishnaveni V.) | 19/8/16 | S5 IT | - | Not conducted |
| | 9 | ME | AUTOCAD for Engineers (Sunish Kurian, Vivek Raju) | 20/8/16 27/8/16 03/9/16 22/9/16 23/9/16 24/9/16 | S2 EEE/EI/ EC | 60490 | Conducted |
| | 10 | ME | AUTOCAD for Engineers (Sunish Kurian, Vivek Raju) | 3/10/16 - 8/10/16 | S2 CS/ IT/ CE | 59746 | Conducted |
| | 11 | EC | Embedded System Design & Developments | 22/7/16 - 23/7/16 | S7 | 22234 | Conducted |
| Resolution: The board approved all the proposals. | | | | | | | |
| 20. BoG. B1.4 | Sanction was sought to conduct the following finishing school programmes for students. | | | | | | |
| | Sl. No. | Topic | Period | Class & Sem | Expenditure | | |
| | 1 | Workshop on Management Skills | 20/7/16 | S7 EC | - | | Not conducted |
| | 2 | Introduction about GATE Exam | 18/8/16 | S7 EC | 5360 | | Conducted |
| Resolution : The board approved all the proposals. | | | | | | | |
| 20. BoG. B5 | Sanction was sought to organize a customised residential programme at IIM Kozhikode for enabling the preparation of Institution Development Plan. The estimated cost for this programme is ₹6 lakh for fifteen members of the faculty. | | | | | | As there is no free slot at IIM Kozhikode on the proposed date, the programme conducted at CUSAT, kept for ratification under item no. 22.BoG.B2.1, sl.no.3-19 |
| 20. BoG. B6 | Requested to ratify the outstation programmes without the prior approval of the BoG given in below table. | | | | | | |
| | Sl. No | Name | Topic/Institution | Date | Amt. | | |
| | 1 | Anith Krishnan, EEE(Presented paper) | IEEE International Conference on Circuit, Power & Computing Technologies Noorul Islam University, Nagercoil | 18/3/16 - 19/3/16 | 8353 | | Settled and reimbursed to all |
| | 2 | Salini M. Venugopal, EEE(Presented paper) | International Conference on Innovations in Information Embedded and Communication Systems, Karpagam College of Engineering, Coimbatore | 17/3/16 - 18/3/16 | 5551 | | |

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Chairman

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| 3 | Dinu A.G., EI(Presented paper) | National Conference on Advances in Informatics and Computing Technology CE, Perumon | 30/3/16 - 31/3/16 | 3368 |
| 4 | Dinu A.G., EI | Recent Advancement & Development in Communication Systems CE, Perumon | 04/4/16 - 16/4/16 | 8317 |
| 5 | Vishnu Mohan, EI | Automation Practice in Industries NITTR, Chandigrah | 25/4/16 - 29/4/16 | 28806 |
| 6 | Mary Priyanka K.S., CS | Mathematical Models in Data mining Process CUSAT | 04/4/16 | 3492 |
| 7 | Jyothis Joseph, CS | | - | 3733 |
| 8 | Remyamol R., IT | | 08/4/16 | 3492 |
| 9 | Nisha C.A., IT | | | 3492 |
| 10 | Sanoj R., IT | Internet of Things GEC Idukki | 04/4/16 - 08/4/16 | 1521 |
| 11 | Sithara A., EI | Bio Signal Processing CE Vadakara | 25/4/16 - 30/4/16 | 7914 |
| 12 | Anith Krishnan, EEE | International Conference on Emerging Trends in Smart Grid Technology CE Thrikkariapur | 21/4/16 - 23/4/16 | 5801 |
| 13 | Dr. Roobin V. Varghese, CE | Finite Element Method & Applications in CE IIT Bombay | 04/7/16 - 08/7/16 | 13742 |
| 14 | Alish Viji Varghese, Maths | Data Analysis using Computational Software RIT Pampady | 27/6/16 - 02/7/16 | 1148 |
| 15 | Syama R., EC | Image Processing in Labview RIT Pampady | | 545 |
| 16 | Syamesh K.G., EC | | 20/6/16 - | 545 |
| 17 | Deepthy Mathew, EC | | 22/6/16 | 670 |
| 18 | Anitha R., EC | Digital Image Processing | | 2406 |
| 19 | Jyothis Joseph, CS | Viswajyothi College of Engineering & Technology, | 27/6/16 - 01/7/16 | 2406 |
| Resolution: The board ratified all the programs. | | | | |



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Member Secretary



Dr. P. Venkitanarayanan,
Chairman

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| 20. BoG. B3 | Sanction was sought to reimburse the fees of following faculties pursuing higher studies. | | | | | | | Reimbursed all except 3 rd semester of Ameen, kept for approval in item no. 22.BoG.B3 as the project had extended |
| | Sl. No | Name of Faculty | Amount of course fee to be sanctioned | | | | | |
| | | | Sem 1 | Sem 2 | Sem 3 | Sem 4 | Total | |
| | 1 | Binu M. | 8550 | | | | 8550 | |
| | 2 | Ojus Thomas Lee | | | | 8100 | 8100 | |
| | 3 | Dhanya Narayan | 7520 | 1655 | 1655 | 1655 | 12485 | |
| 4 | Mohammed Ameen P.P. | | 15780 | 15780 | | 31560 | | |
| Resolution: The board approved and permitted to reimburse the fee of all except the fourth semester fee of Sri. Mohammed Ameen. The board suggested to keep it pending and can be reimbursed if the project period is extended. | | | | | | | | |
| 20. BoG. B4 | Sanction was sought to reimburse the registration fee for journal publication of faculties along with students as per the details given in the table below. | | | | | | | All Under processing |
| | Sl. No. | Name of Paper | Journal | Name of Faculty/ Student | Amt. | | | |
| | 1 | Parallel Implementation of Fuzzy K-Means Algorith using Hadoop | IJARCT | 1. Jyothis Joseph, AP in CS 2. Jerril Mathson Mathew in CS | 1700 | | | |
| | 2 | Capacitor Coupled Multilevel Custom Power Topology for the Refinement of Polluted Power System | IJAREEIE | Jibin Joseph, AP in EEE | 1700 | | | |
| | 3 | Fault Detection Based on Round Trip Time in WSNS and Trust Value Based Correction | International Journal of Advanced Research in Computer and Communicati on Engineering | 1. Syamesh K.G., AP in EC 2. Jeethumo l K. Joy, M.Tech, EC | 1400 | | | |
| | 4 | Security Based Hostile User Detection in Cognitive Radio Networks | International Journal of Advanced Research in Computer and Communicati on Engineering | 1. Syamesh K.G., AP in EC 2. Reshma Rajan, M.Tech, EC | 1400 | | | |


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| 5 | ECG Pattern Analysis and Classification | International Journal of Science, Engineering and Technology Research | 1. Deepthy Mathew, AP in EC 2. Namitha Thomas, M.Tech, EC | 1230 |
| 6 | A Secure Image Transmission using Mosaic Image Creation in Videos | International Journal of Science, Engineering and Technology Research | 1. Deepthy Mathew, AP in EC 2. Susan Mathew, M.Tech, EC | 1230 |
| 7 | Glaucoma Detection and Segmentation using Retinal Images | International Journal of Science, Engineering and Technology Research | 1. Deepthy Mathew, AP in EC 2. Anju Soman, M.Tech, EC | 1230 |
| 8 | Traffic Real time Analysis Facilitates Intelligent Controlling System | International Journal of Engineering Research in Electronics and Communication Engineering | 1. Joby James, AP in EC 2. Dan K. Thankachen, M.Tech EC | 5000 |
| 9 | Reducing the Effect of Energy Drain Attack in Wireless Adhoc Sensor Network | International Journal of Advanced Research in Computer and Communication Engineering | 1. Dhanya Narayan AP in EC 2. Saneesh P.S. M.Tech EC | 1400 |
| 10 | Review on Multipath Routing Protocols for ZigBee Networks | International Journal of Computer & Mathematical Sciences | 1. Shiney Thankachan, AP in EC 2. Raj Philip, MTech EC | 2000 |
| 11 | Size Miniaturization and Band Width Amelioration in Microstrip Matematerials | International Journal of Science, Engineering and Technology Research | 1. Shiney Thankachan, AP in EC 2. Saranya J., M.Tech EC | 1230 |

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| | 12 | BER Performance Analysis of FFT and DWT OFDM using DPSK in the presence of CFO | International Journal of Engineering Science & Research Technology | 1. Priya M., AP in EC 2. Sonu Sheela Paul, MTech EC | 1500 | |
| | 13 | Circular SRR Loaded UWB Antenna with WiMax Band Notch | International Journal of Engineering Sciences & Research Technology | 1. Shiney Thankachan, AP in EC 2. Anju A. Chandran, M.Tech EC | 1500 | |
| | 14 | A Survey on Frequency Reconfigurable Antenna Techniques | International Journal of Innovative Research in Computer and Communication Engineering | 1. Shiney Thankachan, AP in EC 2. Cincy Mary Sebastian, MTech EC | 1500 | |
| Resolution : Prior to the 20 th BoG, 100% of the amount was reimbursed for promoting journal publication, but now as the number of online papers have increased and also as the credit of such papers is limited, the board approved all the journals and permitted to reimburse 50% of the total amount. The board also suggested to fix an upper limit of payment as ₹10,000/academic year/faculty. | | | | | | |
| 20. BoG. B5 | Requested permission to reimburse the expenditure of students for attending conferences as per the details given in below table. | | | | | Settled and reimbursed to all |
| | Sl. No | Details of Conference | Name of Paper | Name of Students | Expense | |
| | 1 | IEEE International Conference on Innovations in Information, Embedded and Communication Systems held on March 17-18, 2016 at Karpagam College of Engineering, Coimbatore | Implementati on of a Boost Converter for Power Factor Correction in Dual Mode | Haritha T., S8 EEE | 2195 | |
| | 2 | | | Parvathy T.S, S8 EEE | 2195 | |
| | 3 | | | Vinitha V.N., S8 EEE | 2195 | |
| | 4 | | | Mamatha S. Babu, S8 EEE | 2195 | |
| | 5 | International Conference on Emerging Trends in Smart Grid Technology Organised by College of Engineering Thrikaripur on 21 to 23 April 2016. | Size Selection in Accordance with Economic Feasibility of Solar PV System for LT-VII A | Aravind Unni S., S8 EEE | 2800 | |
| | 6 | | | Divya Krishnan, S8 EEE | 2800 | |
| | 7 | | | Jojoy George Koduvath, S8 EEE | 2800 | |
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Member Secretary

Dr. P. Venkitanarayanan,
Chairman

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| | 8 | | Consumer in Kerala | Nidhin Mohan, S8 EEE | 2800 | |
| | 9 | National Conference on Advances in Informatics and Computing Technology by College of Engineering Perumon, Kollam on 30 th March 2016 | The Patient-Centric Mobile Healthcare System and Advanced Insulin Bolus Advisor | Anakha K.M., S8 EI | 2800 | |
| | 10 | | | Muhammed Labeeb M.M., S8 EI | 2800 | |
| | 11 | | | Sameera Salim, S8 EI | 2800 | |
| | 12 | | | Sruthi V. Gopal, S8 EI | 2800 | |
| | 13 | | | Zainul Abideen Karumbil, S8 EI | 2800 | |
| Resolution : The board permitted to reimburse the amount. | | | | | | |
| 20. BoG. B6.1 | Requested to ratify the newly created procurement packages and to give approval to the new packages as detailed below. | | | | | Completed all packages except sl.no.8, revised the package in the agenda of 21 st BoG. |
| | Sl. No. | Package Code | Name of Package | Estimated Cost | Remarks | |
| | 1 | 228 | Jefferson Chair II | 337500 | To furnish the new CGPC seminar hall | |
| | 2 | 232 | PA System II | 100000 | For the new CGPC seminar hall | |
| | 3 | 229 | Glazed Almirah | 176000 | For department libraries | |
| | 4 | 239 | Cubicles | 4547200 | 8 Cubicles each for all department staff rooms | |
| | 5 | 233 | Hall Partitioning | 390000 | For the new CGPC seminar hall | |
| | 6 | 235 | Electrical Goods | 88694 | For installing the Electrical Machines purchased by TEQIP | |
| | 7 | 236 | KTU Printer | 55000 | For the KTU exam cell | |
| | 8 | 237 | Office Furniture | 73000 | For purchasing almirahs & racks for keeping files and records | |
| Resolution: The board ratified the actions and gave approval for the new packages. | | | | | | |
| 20. BoG. B6.2 | Requested permission to renew Structural Design Software procured by Civil Engineering Department through TEQIP for 3 years at an estimated cost of ₹1,20,000/-. | | | | | Renewed for 3 years |
| Resolution: The board permitted to renew the subscription of the software but suggested to renew for the maximum period of time possible. Also the board suggested negotiating with the firm regarding perpetual license. | | | | | | |
| 20. BoG. B6.3 | Requested to ratify the cancelation of the package Dream Spark. Resolution: The board ratified the action. | | | | | |


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Chairman

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| 20. BoG. B6.4 | Requested to ratify the action of taking the balance amount of the package Campus Management Software for other procurement activities. Resolution: The board entrusted Principal to form a fact finding committee with Sri. Vivek Raju, TEQIP Coordinator, Sri. Saji Justus, Procurement Nodal Officer and Sri. Anith Krishnan, AP in EEE as members to study the issues regarding this package and to explore the possibilities for sorting the issues pertaining. The board asked to give a report within a week. The board also suggested to obtain the source code from the vendor and the findings may be presented in the next BoG. | As a result of discussion of the committee with the firm, the firm has installed a newer advanced version in the institutions server. |
|---------------------|--|---|

P.V. Narayan



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Chairman

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| 21. BoG. CL.1.1.1 | Sanction was sought to attend the following outstation training programs for faculty. | | | | | |
| | Sl. No | Name | Topic | Institution | Date | Amt |
| | 1 | Dinu A.G. | Laser & Image Processing | NITTR, Kolkatta | 24.10.16 – 28.10.16 | 50000 |
| | 2 | Bushara M. | Virtual instrumentation for Engineers | College of Engineering Chengannur | 05.09.16 – 09.09.16 | 40000 |
| | 3 | Shincy P. Kunjumon | Virtual instrumentation for Engineers | College of Engineering Chengannur | 05.09.16 – 09.09.16 | 40000 |
| | 4 | Shandry K. K. | Laser and Image Processing | NITTTR, Kolkata | 24.10.16 – 28.10.16 | 50000 |
| | 5 | Shandry K. K. | Web Development using PHP and MySQL | ESCI, Hyderabad | 26.09.16 – 30.09.16 | 52000 |
| | 6 | Muhammed Nizar B.K. | Laser and Image Processing | NITTTR, Kolkata | 24.10.16 – 28.10.16 | 50000 |
| | 7 | Rana Surendran | Laser and Image Processing | NITTTR, Kolkata | 24.10.16 – 28.10.16 | 50000 |
| | 8 | Remyamol R. | Laser and Image Processing | NITTTR, Kolkata | 24.10.16 – 28.10.16 | 50000 |
| | 9 | Rana Surendran | Web Development using PHP and MySQL | ESCI, Hyderabad | 26.09.16 – 30.09.16 | 52000 |
| | 10 | Remyamol R. | Web Development using PHP and MySQL | ESCI, Hyderabad | 26.09.16 – 30.09.16 | 42646 |
| | 11 | Krishnaveni V.V. | Web Development using PHP and MySQL | ESCI, Hyderabad | 26.09.16 – 30.09.16 | 45223 |
| | 12 | Indhu P. Nair | IEEE Fall School on Modern Sliding Mode Control | IIT Bombay | 26.10.16 – 30.10.16 | 27323 |
| | 13 | Saji Justus | Power Industry Familiarisation Programme | PETARC, Moolamattom | 15.11.16 – 17.11.16 | 14100 |
| | 14 | Anith Krishnan | Power Industry Familiarisation Programme | PETARC, Moolamattom | 15.11.16 – 17.11.16 | 14100 |
| Resolution : The board approved all the proposals except Sl. No. 8 & 9. The board approved the expenditure and also empowered the Principal to decide the persons in consultation with the HoDs so that the classes of the students are not affected and compensatory classes may be conducted on Saturdays, if found necessary. | | | | | | |

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| 21. BoG. C1.1.2 | Sanction was sought to conduct the following in house programmes for faculties. | | | | | | Conducted HOD stated in the 22 nd BoG that it will be conducted in Jan last week |
| | Sl. No. | Dept. | Topic | Date | No. of Participants | Amount | |
| | 1 | EEE | Staff Development Programme Industrial Safety (Mini M.B., Vijayakumar A.) | 03.10.16 – 05.10.16 | 40 | 50115 | |
| | 2 | EEE | National Workshop on Issues and Challenges Faced due to Electricity Deregulation in Indian Scenario (Jasmi M.S., Sreekala V.) | 10.10.16 – 12.10.16 | 50 | 200000 | |
| | Resolution : The board approved all the proposals. | | | | | | |
| 21. BoG. C1.2 | Sanction was sought to conduct the following expert sessions for students under EAP. | | | | | | Conducted Not conducted |
| | Sl. No | Dept. | Topic | Date | Class | Amount | |
| | 1 | CE | Advancement in Transportation Engg. (Jisha Balakrishnan) | 23/08/16 | S5 | 6970 | |
| | 2 | CE | Introduction to Water Resources Engg. (Bindiya Hari P.) | 23/08/16 | S5 | 5520 | |
| | 3 | CE | Advancements in Ground Water Engg. (Sabna Mohanan) | 23/08/16 | S7 | 5540 | |
| | 4 | ECE | Electromagnetic Theory | 23/09/16 | S5 | 5500 | |
| | 5 | ECE | Network Theory | 26/09/16 | S3 | 5500 | |
| | Resolution: The board approved all the proposals. | | | | | | |




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| 21. BoG. C1.2.2 | Sanction was sought to conduct the following Remedial Classes. | | | | | | Conducted all | |
| | Branch | | Subject | | | No. of Sessions | | |
| | S3 EC | | Solid State Devices | | | 8 | | |
| | | | Network Theory | | | 8 | | |
| | | | Linear Algebra & Complex Analysis | | | 8 | | |
| | | | Electronics Circuits | | | 8 | | |
| | S5 EC | | Electro Magnetic Theory | | | 8 | | |
| | | | Communication Engineering II | | | 8 | | |
| | | | Digital Signal Processing | | | 8 | | |
| | S7 EC | | Power Electronics | | | 8 | | |
| | S1 IT | | Introduction to computing & problem solving | | | 15 | | |
| | | | Calculus | | | 15 | | |
| | S7IT | | Internetworking | | | 15 | | |
| | S5IT | | Operations Research | | | 15 | | |
| | | | Internet Programming | | | 15 | | |
| | | | Design and Analysis of algorithms | | | 15 | | |
| | S1 CE, CS, IT | | Engg. Mechanics BE 100 | | | 20 | | |
| | S1 EE, EC, EI | | Engg. Graphics BE 110 | | | 20 | | |
| | Resolution : The board approved all the proposals. | | | | | | | |
| 21. BoG. C1.3 | Sanction was sought to conduct the following programmes for students under III Cell. | | | | | | Not conducted | |
| | Sl. No | Dep t | Topic/Details of Expert | | Date | Class | | Amount |
| | 1 | ECE | Workshop & Training Program On Embedded System Design | | 20.09.16 – 24.09.16 | S5 &S7 | | 20000 |
| | 2 | ECE | HFSS Workshop | | 22.09.16 – 24.09.16 | S7 | | 15385 |
| | 3 | ECE | PCB Design Workshop | | 27.09.16 – 28.09.16 | S1 | | 5460 |
| | Resolution : The board approved all the proposals. | | | | | | | |
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| 21. BoG. C1.4 | Sanction was sought to conduct the following finishing school programmes for students. | | | | |
| | Sl. No. | Topic/ Details of Experts | Period | Class & Sem | Expenditure |
| | 1 | Aptitude Training | 01.09.16 | S7, All Branches | 77000 |
| | 2 | Networking - CCNA | 27.08.16, 03.09.16, 24.09.16, 01.10.16 08.10.16 09.10.16 15.10.16 19.10.16 22.10.16 | S7 ECE | 105000 |
| | 3 | Networking - RHCE | 27.08.16 03.09.16 24.09.16 01.10.16 08.10.16 09.10.16 15.10.16 19.10.16 22.10.16 | S7 ECE | 105000 |
| | Resolution : The board approved all the proposals. | | | | |
| | | | | | |
| | | | | | |
| 21. BoG. C2.1 | Requested to ratify the outstation programmes without the prior approval of the BoG given in below table. | | | | |
| | Sl. No | Name | Topic/Institution | Date | Amt. |
| | 1 | Shiney Thankachen, EC | Recent Advances in Wireless Communication IIT Kharagpur | 11/7/16 - 15/7/16 | 28682 |
| | 2 | Deepthy Mathew, EC | Recent Advances in Wireless Communication IIT Kharagpur | 11/7/16 - 15/7/16 | 28882 |
| | 3 | Sonima M.P., EEE | Essentials of Energy Management Model Engineering College, Thrikkakara | 01/8/16 - 05/8/16 | 36696 |
| | 4 | Sunish Kurian, ME | National Conference on Futuristic Advancements in Mechanical Engineering CE, Thalassery | 08/8/16 - 09/8/16 | 4082 |
| | Resolution : The board ratified all the proposals. | | | | |
| | | | | | |

Not conducted
BoG asked to repeat the programme for next semester students

Settled all programmes

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| 21 BoG. C2.2 | Requested to ratify the expert sessions conducted without the prior approval of the BoG given in below table. | | | | | | | Settled all the programmes |
|--------------------|---|------|--|-----------|---------------------|-----------------|-------------|----------------------------|
| | Sl. No. | Dept | Subject/ Area of Training | Period | No. of Participants | Class | Expenditure | |
| | 1 | EC | Digital Signal Processing, Dr. Venugopal G., Asso. Prof., NSSS Palakad | 27-Jul-16 | 30 | S5 | 7089 | |
| | 2 | CS | Fuzzy Logic and Application Dr. C. Seldev Christopher | 25-Jul-16 | 60 | S5 CS/ IT | 6562 | |
| | 3 | CS | Man and Machine Dr. R. Vijayakumar, Prof. | 26-Jul-16 | 55 | S7 CS/ IT | 4965 | |
| | 4 | EEE | Synchronisation and its Related Problems Dr. Jayan M.G, Prof., RIT | 22-Jul-16 | 35 | S5 | 4351 | |
| | 5 | EEE | Towards Next Generation Monolithic IC Ms. Reshma S., AP, CEM Punnappa | 26-Jul-16 | 33 | S5 | 2760 | |
| | 6 | EEE | Peculiarities of Non Linear Control Systems in Practical Scenario Reji A.R., HOD, EEE, CEM Punnappa | 26-Jul-16 | 36 | S7 | 4960 | |
| | 7 | EEE | Modern Trends in Integrated Circuits Bincy K. Jose, Research Scholar, RIT Kottayam | 26-Jul-16 | 35 | S5 | 2526 | |
| | 8 | CS | Video Processing Jina Varghese, Research Scholar, MGU | 25-Jul-16 | 55 | S5 CS/ IT | 4855 | |

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| 9 | CE | Earthquake Resistant Structure Bennet Kuriakose, HoD, Mangalam College of Engg., Ettumanoor | 26-Jul-16 | 35 | S7 | 4130 |
| 10 | CE | Reinforced Earth Techniques Dr. A.K. Vasudevan | 25-Jul-16 | 35 | S7 | 6656 |
| 11 | EC | Signals & Systems Shihabudeen AP, CE Trikaripur | 25-Jul-16 | 30 | S5 | 4805 |
| 12 | EI | Non Linear Control System & Applications Jiss Mohan, AP, SJCET, Pala | 27-Jul-16 | 37 | S7 | 4265 |
| 13 | EC | Design of Application Specific Integrated Circuit Dr. Sindhu R., Prof. NSS, Palakkad | 25-Jul-16 | 30 | S5 | 5292 |
| 14 | EC | Recent Trends in Communication Systems Ebin M. Manuel, AP, GEC Idukki | 21-Jul-16 | 30 | S5 | 4340 |
| 15 | EI | Energy Meters and Applications Al-Suheer S.S., AP, SJCET Palai | 27-Jul-16 | 52 | S5 | 4765 |
| 16 | EI | Advances in PLC Programming Aby P. Mathew, Asso. Prof., SJCET, Pala | 9-Aug-16 | 36 | S7 | 4360 |
| 17 | CS | Practical Application of Data Structures Dr. R.S. Shaji, Prof., Noorul Islam University | 8-Aug-16 | 45 | S3 | 7025 |
| 18 | EC | Biju, AP, CE, Thalassery | 12-Aug-16 | 30 | S5 | 5900 |
| 19 | EEE | Circuit Analysis Biju K., CE Munnar | 12-Aug-16 | 14 | S3 | 5087 |

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| | | | | | | | | |
|---------------|--|-------------------|---|---------|---------------------|-------|-------------|--|
| | Requested to ratify the expert sessions conducted under III without the prior approval of the BoG given in below table. | | | | | | | Settled |
| | Sl. No. | Dept | Subject/ Area of Training | Period | No. of Participants | Class | Expenditure | |
| | 1 | EEE | New Product Development and Quality Assurance Umasankar, Manager, P&PD, RRII, Kottayam | 27-7-16 | 35 | S7 | 3656 | |
| | Resolution: The board ratified all the programmes. | | | | | | | |
| 21. BoG. C3.1 | Sanction was sought to reimburse the fees of following faculties pursuing higher studies. | | | | | | | |
| | Sl. No | Name of Faculty | Amount of course fee to be sanctioned | | | | | Reimbursed to all |
| | | | Sem 1 | Sem 2 | Sem 3 | Sem 4 | Total | |
| | 1 | Binu M. | | 8550 | | | 8550 | |
| | 2 | Mary James Kappen | 23300 | 23300 | | | 43600 | |
| | 3 | Shiney Thankachen | | | | 4735 | 4735 | |
| | Resolution: The board approved to reimburse the fees. | | | | | | | |
| 21. BoG. C4.1 | Sought permission to cancel the package no.237 Office Furniture as the balance amount is insufficient for proceeding with the package. Resolution: The board permitted to cancel this package. | | | | | | | Cancelled |
| 21. BoG. C4.2 | Sought approval for a new package for Office Furniture at an estimated cost for ₹34,000/-. Resolution: The board gave approval to the package. | | | | | | | Pending |
| 21. BoG. C4.3 | Sought permission for renewing Structural Design Software for 3 years at an estimated cost of ₹1,03,050/- from 20 th BoG and 20 th BoG suggested to renew it for maximum years. As such the department contacted the vendor and they offered renewal of subscription for a period of six years for ₹3,10,500/- Resolution: The board suggested to renew the software for three years. | | | | | | | Renewed |
| 21. BoG. C4.4 | Informed BoG that as 20 th BoG have suggested to form a fact finding committee for studying the issues regarding the package Campus Management Software. As such the committee studied the problems and contacted the vendor following suggestion were made and the vendor offered to give a fresh software compatible for KTU without any additional cost. Modules essential for data entry Placement and exam modules etc. Resolution: Noted and asked to complete all the modules before September 30, 2016. | | | | | | | As a result of discussion the firm has installed a newer advanced version in the institutions server |
| 21. BoG. C4.5 | Requested permission to repair the damage caused to the Network Cable of IT department by Rodent Attack. Resolution: Noted and approved. | | | | | | | Repaired |
| 21. BoG. C4.6 | Requested permission for the service and maintenance of Process Control Simulator and Labview software of EI department. Resolution: The board approved the proposal and suggested to meet the expense from the head IOC. | | | | | | | Vendors have agreed to complete by January 2017 |

Decision Sought: BoG may examine the action taken report and approve.

Resolution: BoG examined the action taken report and following comments were made.

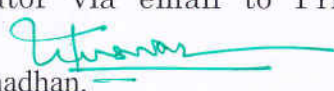
- For programmes that were commented 'not conducted', BoG asked to state valid reasons for 'non conducted' programmes and instructed that the programs should be conducted by February 2017. The amount for 'not conducted' programmes need not be mentioned.
- If the actual expenditure for programmes is more than estimated amount specific reasons should be stated.
- BoG instructed to present only well planned programmes in the BoG.
- From next BoG onwards, board instructed to circulate completed agenda to the all members, before 5 days of BoG.
- Board instructed every communication from TEQIP to all should be either through letters or by email only.
- Board instructed to create a subcommittee and review the progress regarding the approved programs as per three months plan on every last Friday of every month and e-mail the status to the BoG Chairman.
- Board instructed the Principal to conduct staff meeting regularly at the beginning of each semester and after publishing results.
- Present the result published in the BoG.

Remedial

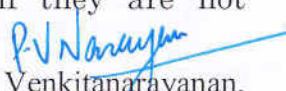
- Participation report and expenditure of conducted remedial classes should be presented in the BoG.
- Refreshment for Remedial classes, following the rules can be provided.
- While stating the reason for non settlement, specify that the project period is extended from October 31, 2016 to March 30, 2017. The programmes conducted/attended should be settled within a period of two months from the date of receiving advance.
- Mention the transition rate for conducted remedial classes.

III Cell

- The names of experts should be mentioned.
- Every program must have a co-coordinator. If a programme coordinator is unavailable the program should be conducted by the HoD with the help of other faculty, as the programmes are conducted by the department for the students.
- For 'not conducted' programmes reasons must be mailed by the coordinator via email to Principal/TEQIP office and if they are not


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reported by the coordinator/HoD in time, the matter may be informed in the subsequent BoG.

Procurement (Item No.21.BoG.C4.2)

- The Board permitted to revise the furniture package including the balance amount of interest subject to the approval of SPFU.

Part B

Items for Discussion, Consideration and Approvals

22.BoG.B1. Consideration of the various academic programs for the next three months.

The detailed proposal of outstation and in house programmes of members of faculty upto Jan 30, 2017 is planned and approved by the Academic Committee. The proposals are given in below tables.



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B1.1.1 Outstation Programmes

| Sl. No. | Department | Name of faculty identified for training | Subject / Area of Training | Training Institution | Duration (Days) | Tentative Date | | Expenditure | | | (Expected) Outcome / Objective |
|---------|-----------------|---|---|----------------------|-----------------|----------------|----------|-------------|-------|-------|--|
| | | | | | | From | To | Courses Fee | TA/DA | Total | |
| 1 | Applied Science | Vivek Raju | GIAN Course On Manpower Planning Using Annualized Hours | NIT Calicut | 6 | 26/12/16 | 31/12/16 | 3000 | 5000 | 8000 | For getting a knowledge and developing annualized hours based models |
| 2 | EI | Arya B. Raj | Familiarisation Programme Power Industry | PETARC, Moolamattom | 3 | 27/12/16 | 29/12/16 | 13800 | 1000 | 14800 | Awareness about Power generation |
| 3 | CS | Dheeraj N. | Power & Control Equipment Familiarization Program | PETARC, Moolamattom | 3 | 27/12/16 | 29/12/16 | 13800 | 2000 | 15800 | To visit and understand power house functionality |
| 4 | EE | Anu Michael | Electrical Safety Procedure and Accident Prevention | ESCI Hyderabad | 4 | 03/01/17 | 06/01/17 | 23000 | 4000 | 27000 | To impart awareness regarding statutory Rules, Regulations and Safety Audit, to take timely action to arrange first-aid during the accidents |



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| | | | | | | | | | | | |
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| 5 | EE | Indhu P. Nair | Electrical Safety Procedure and Accident Prevention | ESCI Hyderabad | 4 | 03/01/17 | 06/01/17 | 23000 | 15000 | 38000 | To impart awareness regarding statutory Rules, Regulations and Safety Audit, to take timely action to arrange first-aid during the accidents. |
| 6 | EE | Raji Raghunathan | Electrical Safety Procedure and Accident Prevention | ESCI Hyderabad | 4 | 03/01/17 | 06/01/17 | 23000 | 4000 | 27000 | To impart awareness regarding statutory Rules, Regulations and Safety Audit, to take timely action to arrange first-aid during the accidents |
| 7 | EE | Silpanjali Gopal | Electrical Safety Procedure and Accident Prevention | ESCI Hyderabad | 4 | 03/01/17 | 06/01/17 | 23000 | 4000 | 27000 | To impart awareness regarding statutory Rules, Regulations and Safety Audit, to take timely action to arrange first-aid during the accidents |
| 8 | EE | Soumya K.G. | Electrical Safety Procedure and Accident Prevention | ESCI Hyderabad | 4 | 03/01/17 | 06/01/17 | 23000 | 15000 | 38000 | To impart awareness regarding statutory Rules, Regulations and Safety Audit, to take timely action to arrange first-aid during the accidents |



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| 9 | EC | Dhanya Narayan | Transition to IS/ISO 9001 : 2015 | Bureau of Indian Standards, Jaipur | 2 | 05/01/17 | 06/01/17 | 10500 | 30000 | 40500 | For understanding the purpose and intent of the new series of management system standards |
| 10 | IT | Rana Surendran | Transition to IS/ISO 9001:2015 | Bureau of Indian Standards, Jaipur | 2 | 05/01/17 | 06/01/17 | 10500 | 30000 | 40500 | Can help organization to attain ISO Certification. |
| 11 | CS | Shandry K. K. | Transition to IS/ISO 9001:2015 | Bureau of Indian Standards, Jaipur | 2 | 05/01/17 | 06/01/17 | 10500 | 30000 | 40500 | Can help organization to attain ISO Certification |
| 12 | CS | Josna Jose | Power & Control Equipment Familiarization Program | PETARC, Moolamattom | 3 | 05/01/17 | 07/01/17 | 13800 | 900 | 14700 | To visit and understand power house functionality |
| 13 | CS | Lidiya Augustine | Power & Control Equipment Familiarization Program | PETARC, Moolamattom | 3 | 05/01/17 | 07/01/17 | 13800 | 900 | 14700 | To visit and understand power house functionality |
| 14 | Ma ths | Sreelakshmi S. | Transforms – Techniques & Applications | CE Kallooppa (IHRD) | 5 | 09/01/17 | 13/01/17 | 35000 | 2000 | 37000 | To get a deep knowledge about techniques and application of transforms |



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|----|-------|------------------------|--|--------------------|---|----------|----------|-------|------|-------|---|
| 15 | CE | Akarsh Gopi | Power Industry Familiarization Program | PETARC Moolamattom | 3 | 10/01/17 | 12/01/17 | 14000 | 1000 | 15000 | Familiarization of industries, power generation, power house, dam structure |
| 16 | Maths | Alish Viji Varghese | Power Industry Familiarization Programme | PETARC Moolamattom | 3 | 10/01/17 | 12/01/17 | 13800 | 500 | 14300 | To get an insight in the field of power industry |
| 17 | CE | Divya S. Nair | Power Industry Familiarization Programme | PETARC Moolamattom | 3 | 10/01/17 | 12/01/17 | 13800 | 500 | 14300 | To get an insight in the field of power industry |
| 18 | Maths | Dr. C.B. Ajayakumar | Power industry familiarization programme | PETARC Moolamattom | 3 | 10/01/17 | 12/01/17 | 13800 | 500 | 14300 | To get an insight in the field of power industry |
| 19 | CE | Dr. Roobin V. Varghese | Power Industry Familiarization Program | PETARC Moolamattom | 3 | 10/01/17 | 12/01/17 | 13800 | 1000 | 14800 | Familiarization of industries, power generation, power house, dam structure |
| 20 | IT | Jiaha C. Thankappan | Power Industry Familiarization Programme | PETARC Moolamattom | 3 | 10/01/17 | 12/01/17 | 13800 | 500 | 14300 | To get an insight in the field of power industry |
| 21 | CE | Jisha Balakrishnan | Power Industry Familiarization Program | PETARC Moolamattom | 3 | 05/01/17 | 07/01/17 | 13800 | 1000 | 14800 | Familiarization of industries, power generation, power house, dam structure |
| 22 | CE | Mary James Kappen | Power Industry Familiarization Program | PETARC Moolamattom | 3 | 10/01/17 | 12/01/17 | 14000 | 1000 | 15000 | Familiarization of industries, power generation, power house, dam structure |



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| 23 | IT | Mohammed Nizar B.K. | Power Industry Familiarization Programme | PETARC Moolamattom | 3 | 10/01/17 | 12/01/17 | 13800 | 500 | 14300 | To get an insight in the field of power industry |
| 24 | CE | Navami M. | Power Industry Familiarization Programme | PETARC Moolamattom | 3 | 10/01/17 | 12/01/17 | 13800 | 1000 | 15000 | To get an insight in the field of power industry |
| 25 | IT | Remyamol R. | Power Industry Familiarization Programme | PETARC Moolamattom | 3 | 10/01/17 | 12/01/17 | 13800 | 500 | 14300 | To get an insight in the field of power industry |
| 26 | IT | Sonia Tresa Paul | Power Industry Familiarization Programme | PETARC Moolamattom | 3 | 10/01/17 | 12/01/17 | 13800 | 500 | 14300 | To get an insight in the field of power industry |
| 27 | CE | Sreekumari T. K. | Power Industry Familiarization Program | PETARC Moolamattom | 3 | 05/01/17 | 07/01/17 | 13800 | 1000 | 14800 | Familiarization of industries, power generation, power house, dam structure |
| 28 | CE | Susan P. Jacob | Power Industry Familiarization Program | PETARC Moolamattom | 3 | 05/01/17 | 07/01/17 | 13800 | 1000 | 14800 | Familiarization of industries, power generation, power house, dam structure |
| 29 | CE | Vidhya Velayudhan | Power Industry Familiarization Program | PETARC Moolamattom | 3 | 05/01/17 | 07/01/17 | 13800 | 1000 | 14800 | Familiarization of industries, power generation, power house, dam structure |
| 30 | ME | Vivek Raju | Power industry familiarization programme | PETARC Moolamattom | 3 | 10/01/17 | 12/01/17 | 13800 | 500 | 14300 | To get an insight in the field of power industry |



Dr. K.G. Viswanathan,
Member Secretary



Dr. P. Venkatarayanan,
Chairman

| | | | | | | | | | | | |
|----|----|----------------------|--|-------------------------|---|----------|----------|-------|-------|-------|---|
| 31 | ME | Wringling Joseph | Power Industry Familiarization Programme | PETARC Moolamattom | 3 | 10/01/17 | 12/01/17 | 13800 | 500 | 14300 | To get an insight in the field of power industry |
| 32 | CS | Jyothis Joseph | Power & Control Equipment Familiarization Program | PETARC, Moolamattom | 3 | 10/01/17 | 12/01/17 | 13800 | 2000 | 15800 | To visit and understand power house functionality |
| 33 | CS | Neethu Varkey | Power & Control Equipment Familiarization Program | PETARC, Moolamattom | 3 | 10/01/17 | 12/01/17 | 13800 | 2000 | 15800 | To visit and understand power house functionality |
| 34 | CS | Tharun Moorthy | Power & Control Equipment Familiarization Program | PETARC, Moolamattom | 3 | 10/01/17 | 12/01/17 | 13800 | 2000 | 15800 | To visit and understand power house functionality |
| 35 | EI | Amrutha Ramachandran | Supply Chain Optimization | IIM Kozhikode | 6 | 09/01/17 | 14/01/17 | 27025 | 5000 | 32025 | To get a deep knowledge about various optimization techniques in supply chain |
| 36 | CE | Gitty Rose Eugene | Semi Destructive and Non-Destructive Testing of Structures | CET, Thiruvananthapuram | 6 | 16/01/17 | 21/01/17 | 0 | 3500 | 3500 | For getting knowledge in the information security management system |
| 37 | EC | Arun R. Chandran | Advanced VLSI Design | NITTTR Chandigarh | 5 | 16/01/17 | 20/01/17 | 10000 | 20000 | 30000 | For guiding B.Tech and M.Tech projects |



Dr. K.G. Viswanadhan,
Member Secretary



Dr. P. Venkatarayanan,
Chairman

| | | | | | | | | | | | |
|----|----|---------------------|--|-----------------|---|----------|----------|-------|-------|-------|---|
| 38 | CS | Dheeraj N. | Information Security Management System | ESCI, Hyderabad | 5 | 17/01/17 | 21/01/17 | 28750 | 4000 | 32750 | For getting knowledge in the information security management system |
| 39 | IT | Jisha C. Thankappan | Information Security Management System | ESCI, Hyderabad | 5 | 17/01/17 | 21/01/17 | 28750 | 20000 | 48750 | For getting knowledge in the information security management system |
| 40 | IT | Krishnaveni V. | Information Security Management System | ESCI, Hyderabad | 5 | 17/01/17 | 21/01/17 | 28750 | 20000 | 48750 | For getting knowledge in the information security management system |
| 41 | IT | Muhammed Nizar B.K. | Information Security Management System | ESCI, Hyderabad | 5 | 17/01/17 | 21/01/17 | 28750 | 20000 | 48750 | For getting knowledge in the information security management system |
| 42 | IT | Rana Surendran | Information Security Management System | ESCI, Hyderabad | 5 | 17/01/17 | 21/01/17 | 28750 | 20000 | 48750 | For getting knowledge in the information security management system |
| 43 | CS | Tarun Moorthy | Information Security Management System | ESCI, Hyderabad | 5 | 17/01/17 | 21/01/17 | 28750 | 4000 | 32750 | For getting knowledge in the information security management system |
| 44 | EE | Anu Michael | Load Dispatch & Power management | PETARC | 3 | 23/01/17 | 25/01/17 | 13800 | 2000 | 15800 | To familiarize with the power system management using SCADA |

[Signature]

Dr. K.G. Viswanathan,
Member Secretary

[Signature]

Dr. P. Venkitanarayanan,
Chairman

| | | | | | | | | | | | |
|----|----|---------------------------|--|---------------------|---|----------|----------|-------|-------|-------|---|
| 45 | EE | Johnson Abraham Mundackal | Load Dispatch & Power Management | PETARC, Moolamattom | 3 | 23/01/17 | 25/01/17 | 13800 | 2000 | 15800 | To familiarize with the power system management using SCADA |
| 46 | EE | Raji Raghunathan | Load Dispatch & Power management | PETARC, Moolamattom | 3 | 23/01/17 | 25/01/17 | 13800 | 2000 | 15800 | To familiarize with the power system management using SCADA |
| 47 | EE | Silpanjali Gopal | Load Dispatch & Power management | PETARC, Moolamattom | 3 | 23/01/17 | 25/01/17 | 13800 | 2000 | 15800 | To familiarize with the power system management using SCADA |
| 48 | EE | Binimol V.K. | Load Dispatch & Power Management | PETARC, Moolamattom | 3 | 23/01/17 | 25/01/17 | 13800 | 2000 | 15800 | To familiarize with the power system management using SCADA |
| 49 | EE | Jasmi M. S. | Load Dispatch & Power Management | PETARC, Moolamattom | 3 | 23/01/17 | 25/01/17 | 13800 | 2000 | 15800 | To familiarize with the power system management using SCADA |
| 50 | EC | Akhil S. Kumar | Winter School on Speech & Audio Processing | IISc Bangalore | 4 | 26/01/17 | 29/01/17 | 8000 | 10000 | 18000 | For guiding B.Tech and M.Tech projects |
| 51 | EC | Dhanya Narayan | Winter School on Speech & Audio Processing | IISc Bangalore | 4 | 26/01/17 | 29/01/17 | 8000 | 10000 | 18000 | For guiding B.Tech and M.Tech projects |
| 52 | EC | Febin P.A. | Winter School on Speech & Audio Processing | IISc Bangalore | 4 | 26/01/17 | 29/01/17 | 8000 | 10000 | 18000 | For guiding B.Tech and M.Tech projects |



Dr. K.G. Viswanadhan,
Member Secretary



Dr. P. Venkitanarayanan,
Chairman

| | | | | | | | | | | | |
|----|----|-------------------|--|----------------|---|----------|----------|------|-------|---------|--|
| 53 | EC | Prittu Ann Thomas | Winter School on Speech & Audio Processing | IISc Bangalore | 4 | 26/01/17 | 29/01/17 | 8000 | 10000 | 18000 | For guiding B.Tech and M.Tech projects |
| 54 | EC | Savitha Suresh | Winter School on Speech & Audio Processing | IISc Bangalore | 4 | 26/01/17 | 29/01/17 | 8000 | 10000 | 18000 | For guiding B.Tech and M.Tech projects |
| | | | | | | | | | | 1189425 | |

Decision Sought: The board may consider the above proposals and approve.

Resolution: The board directed to conduct academic committee and give recommendation of academic committee for each programme upto Jan 31,2017 and then send to the Chairman. Also the committee should ensure that all the programmes in the plan will be conducted . All the remaining programmes can be discussed in next BoG, which is scheduled in January. HoD's should ensure that every faculty would go for programmes as in the plan. The members of faculty who were attending outstation programmes should offer a course after completing the training.



Dr. K.G. Viswanadhan,
Member Secretary



Dr. P. Venkatarayanan,
Chairman

B1.1.2 Outstation Programmes for Technical/Office Staff upto Jan 30,2017

| SL No. | Department | Name of staff identified for training | Subject / Area of Training | Training Institution | Duration (Days) | Tentative Date | | Expenditure | | | (Expected) Outcome / Objective |
|--------|------------|---------------------------------------|---|----------------------|-----------------|----------------|----------|-------------|-------|-------|--|
| | | | | | | From | To | Course Fee | TA/DA | Total | |
| 1 | Office | Bili K. Nair, Junior Supdt. | Power & Control Equipment Familiarization Program | PETARC, Moolamattom | 3 | 27/12/16 | 29/12/16 | 13800 | 1000 | 14800 | Awareness and familiarization of equipments to common man |
| 2 | Office | Kala B. Nair, Assistant Gr.II | Power & Control Equipment Familiarization Program | PETARC, Moolamattom | 3 | 27/12/16 | 29/12/16 | 13800 | 1000 | 14800 | Useful for getting awareness about electricity production |
| 3 | Library | Nisha M. Nair, Librarian | Power & Control Equipment Familiarization Program | PETARC, Moolamattom | 3 | 27/12/16 | 29/12/16 | 13800 | 1000 | 14800 | The participants will be able to assess the current status of power sector in Kerala. Will be able to understand the operation of hydroelectric power station. |



Dr. K.G. Viswanadhan,
Member Secretary



Dr. P. Venkitaparanan,
Chairman

| | | | | | | | | | | | |
|---|---------|--------------------------------------|--|-------------------------------------|---|----------|----------|-------|-------|-------|--|
| 4 | Office | Sabitha M.N., Assistant Gr. II | Power & Control Equipment Familiarization Program | PETARC, Moolamattom | 3 | 27/12/16 | 29/12/16 | 13800 | 1000 | 14800 | Useful for getting awareness about electricity production |
| 5 | EE | Mini M.B., Instructor Gr.II | Electrical Safety Procedure and Accident Prevention | ESCI Hyderabad | 4 | 03/01/17 | 06/01/17 | 23000 | 15000 | 38000 | To impart awareness regarding statutory Rules, Regulations and Safety Audit, to take timely action to arrange first-aid during the accidents |
| 6 | EE | Vijaya Kumar A., Tradesman | Electrical Safety Procedure and Accident Prevention | ESCI Hyderabad | 4 | 03/01/17 | 06/01/17 | 23000 | 4000 | 27000 | To impart awareness regarding statutory Rules, Regulations and Safety Audit, to take timely action to arrange first-aid during the accidents |
| 7 | EE | Muhammed Aslam K.A., Tradesman | Electrical Safety Procedures and Accident Prevention | ESCI, Hyderabad | 4 | 03/01/17 | 06/01/17 | 23000 | 4000 | 27000 | To impart awareness regarding statutory Rules, Regulations and Safety Audit, to take timely action to arrange first-aid during the accidents |
| 8 | Library | Nisha M. Nair, Librarian Gr.IV | Library Automation using Koha | Kerala Librarians Association | | 10/01/17 | 12/01/17 | | | 10000 | For getting expertise in library automation |
| 9 | Library | Yami K.M., Librarian | Library Automation using Koha | Kerala Librarians | | 10/01/17 | 12/01/17 | | | 10000 | For getting expertise in library automation |



Dr. K.G. Viswanadhan,
Member Secretary



Dr. P. Venkitanarayanan,
Chairman

| | Gr.IV | Association | | | | | | | |
|----|--|-------------------------------|----------------------|----------|----------|-------|-------|--------|--|
| 10 | Librarian Saji K. Vettathu, Gr.III | Digital Library Management | NITTR, Chandigarh | 16/01/17 | 20/01/17 | 15000 | 25000 | 40000 | For getting an expertise in digital library management |
| | | | | | | | | 211200 | |

Decision Sought: The board may consider the above proposals and approve.

Resolution: The board directed to conduct academic committee and give recommendation of academic committee for each programme upto Jan 31,2017 and then send to the Chairman for approval.




Dr. K.G. Viswanadhan,
Member Secretary



Dr. P. Venkatarayanan,
Chairman

B1.1.3 In-house Training Programmes / workshops Programmes/conferences planned

| Sl. No | Department | Subject / Area of Training | Period | | No. of days | Participation (no's) expected | | | Planned Expenditure | Details of Expert | (Expected) Outcome / Objective |
|--------|------------|--|----------|----------|-------------|-------------------------------|--------------------|-------|---------------------|--|---|
| | | | From | To | | Own Institution | Other Institutions | Total | | | |
| 1 | EC | Biomedical Signal Processing (Arun R. Chandran) | 03/01/17 | 09/01/17 | 5 | 25 | 15 | 40 | 75000 | Experts from Bitsforge Technologies, Ernakulam | |
| 2 | EE | Design and simulation of power convertors | 11/01/17 | 17/01/17 | 5 | 25 | 25 | 50 | 100000 | 1)Dr. Vincent G Asso.Prof.GEC Sreekrishnapuram 2)Dr.Jayanand Prof. GEC Trissur 3)Dr.Nandakumar Prof. GEC Trissur 4)Dr.Jaison Mathew GEC Trissur 5)Experts from Neo Green Labs, Ernakulam | The program covers various design, analysis aspects of power converters and simulation of power converters using MATLAB, Simulink, Proetus etc. |
| 3 | EI | Soft Computing Techniques for Engineering Applications | 05/01/17 | 11/01/17 | 5 | 30 | 20 | 50 | 150000 | Academicians from reputed institutions | To explore the recent trends and developments in the area of soft computing |
| | | | | | | | | | 325000 | | |


Dr. K.G. Viswanadhan,
Member Secretary


Dr. P. Venkitanarayanan,
Chairman

Decision Sought: The board may consider the above proposals and approve.

Resolution: The board directed to conduct academic committee and give recommendation of academic committee for each programme upto Jan 31,2017 and then send to the Chairman for approval.

B1.2 Consideration of the various Management Capacity Enhancement programs

The detailed proposal of Management Capacity Enhancement Programmes for members of faculty upto Jan 30, 2017 is planned and approved by the MCE Committee. The proposals are given in below tables.

| Sl. No. | Department | Name of faculty identified for training | Subject / Area of Training | Training Institution | Duration (Days) | Tentative Date | | | Expected Outcome/ Objective |
|---------|------------|---|--|----------------------|-----------------|----------------|----------|---|--|
| | | | | | | From | To | Expenditure Course Fee TA/DA Total | |
| 1 | CS | Dr. K.S. Angel Viji, HoD, CS | Creative Thinking, Problem Solving & Decision Making | IIM Kozhikodu | 3 | 18/01/17 | 20/01/17 | 51750 2000 53750 | Create problem solving and decision making ability |
| 2 | EC | Dr. Rini Jones S.B., HoD, EC | Creative Thinking, Problem Solving & Decision Making | IIM Kozhikode | 3 | 18/01/17 | 20/01/17 | 51750 2000 53750 | To select the best decision to assess work issues and problems |
| | | | | | | | | 107500 | |



Dr. K.G. Viswanadhan,
Member Secretary



Dr. P. Venkatarayanan,
Chairman

Decision Sought: The board may consider the above proposals and approve.

Resolution: The board directed to conduct academic committee and give recommendation of academic committee for each programme upto Jan 31, 2017 and then send to the Chairman for approval.

B1.3 Consideration of the various academic programs for students


The detailed proposal of expert sessions upto Jan 30, 2017 is planned and approved by EAP Committee. The proposals are given in below tables.

| Sl. No | Department | Subject / Area Of Training | Period | | No. of days | Class & Sem. | Expected no. of Participants | Details of Expert | Planned Expenditure |
|--------|-----------------|---|--|----------|-------------|--------------|------------------------------|--|---------------------|
| | | | From | To | | | | | |
| 1 | Applied Science | Financial Management | 07/01/17, 14/01/17, 21/01/17, 02/02/17, 03/02/17 | | 5 | S6 IT | 15 | Dr. Tinsy Rose Tom, AP Fathima matha college Kollam, Prof Swapnesh S, AP in ME, RIT Kottayam | 32000 |
| 2 | CS | Network Simulation | 23/01/17 | 25/01/17 | 3 | S2 M.Tech | 9 | Pankaj Kumar, Asst. Prof. cum System Analyst | 21000 |
| 3 | CS | Soft Skills Training | 24/01/17 | 26/01/17 | 3 | S8 | 35 | Robin Jose, Asst. Prof., SB College Changanassery | 21000 |
| 4 | EEE | Advanced Techniques In Frequency Domain Representation Of Discrete Time Signals | 05/01/17 | | 1 | S6 | 35 | Flower Abraham Mundaackal AP ECE, College of Engineering Poonjar | 6500 |

| | | | | | | | | | |
|---|-----|--|----------|--|---|----|----|---|--------|
| 5 | EEE | Analysis On Discrete Time Fourier Transform In Digital Signal Processing | 10/01/17 | | 1 | S6 | 39 | Flower Abraham Mundackal AP ECE, College of Engineering Poonjar | 6500 |
| 6 | EEE | Design Of Magnetic Field System In DC Machines | 11/01/17 | | 1 | S8 | 39 | Sherin Joseph HOD EEE, College of Engineering Poonjar | 6500 |
| 7 | EEE | Design Of Single Phase And Three Phase Transformers | 18/01/17 | | 1 | S8 | 39 | Sherin Joseph HOD EEE, College of Engineering Poonjar | 6500 |
| 8 | EEE | Fractional Power Applications of Single Phase Induction Motors | 23/01/17 | | 1 | S6 | 39 | Dr.Jayan M.V., HoD, EEE, RIT Kottayam | 6500 |
| | | | | | | | | | 106500 |

Decision Sought: The board may consider the above proposals and approve.

Resolution: The board directed to conduct academic committee and give recommendation of academic committee for each programme upto Jan 31,2017 and then send to the Chairman for approval.


Dr. K.G. Viswanadham,
Member Secretary


Dr. P. Venkatanarayanan,
Chairman

B1.4 Consideration of the various III Cell programs

The detailed proposal of expert sessions upto Jan 30, 2017 is planned and approved by III Cell Committee. The proposals are given in below table.

| Sl. No | Department | Subject / Area of Training | Period | | No. of days | Class & Sem | Expected no. of Participants | Details of Expert | Planned Expenditure |
|--------|------------|---|------------------------------|----------|-------------|-------------|------------------------------|---|---------------------|
| | | | From | To | | | | | |
| 1 | CS | Android Programming (Revathi Roy) | 23/01/17 | 25/01/17 | 3 | S6 | 35 | Linson Alfred, Prog. Lead, Mobme | 21000 |
| 2 | IT | Technologies Evolving in Industry (Muhammed Nizar B.K.) | 10/01/17 | | 1 | S6 (CS&IT) | 90 | Ganesh D. Iyer, HR Manager, IBS, Bangalore | 30000 |
| 3 | IT | PHP & web based project | 14/01/17, 21/01/17, 28/01/17 | | 3 | S6 | 28 | Anil S., Qburst Technologies | 12000 |
| 4 | EEE | Advanced control techniques in thermal power plants for effective power generation (Jasmi M.S.) | 03/01/17 | | 1 | S8 | 30 | Kannan P. Nair Deputy Chief Engineer NTPC Chennai | 10000 |
| 5 | EEE | Performance Analysis on Supervisory Control and Data Acquisition System (Sreekala V.) | 09/01/17 | | 1 | S6 | 30 | Anees T.M. Residential Engineer Rubber Park Eranakulam | 10000 |
| 6 | EEE | Application of monopoly in lightning communication and power transformers | 24/01/17 | | 1 | S8 | 30 | Harivenu V S Electrical consultant Contracting Syndicate Mumbai | 30000 |



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Member Secretary



Dr. P. Venkitanarayanan,
Chairman

| | | | | | | | | |
|---|----|---|--|----|----|----|--|--------|
| 7 | EI | Real Time Project Design using Aurdino Uno | 9,11,16,18, 23,25,30 of Jan 17 & 1,6,8,13, 15,20,22, 27 of Feb 17, 01/03/17 | 16 | S6 | 26 | Thomas Sabu & Sapthas R.S., Neo Green Labs, Ernakulam | 80000 |
| | | | | | | | | 193000 |

Decision Sought: The board may consider the proposals and approve.

Resolution: The board directed to conduct academic committee and give recommendation of academic committee for each programme upto Jan 31,2017 and then send to the Chairman for approval.



Dr. K.G. Viswanadhan,
Member Secretary



Dr. P. Venkitanarayanan,
Chairman

B1.5 Consideration of the various Finishing School programs

The detailed proposal of programmes under Finishing School for the next 3 months is planned and approved by the Finishing School Committee. The proposals are given in below table.

| Sl. No. | Department | Subject / Area of Training | Period | | No. of days | Class & Sem | Expected no. of Participants | Details of Expert | Planned Expenditure |
|---------|------------|---------------------------------|----------|----------|-----------------------------------|----------------------------|------------------------------|---|---------------------|
| | | | From | To | | | | | |
| 1 | CS | Java and Android Programming | 01/02/17 | 28/02/17 | 25 | Passed out Students | 60 | To be finalized after evaluating EOI | 900000 |
| 2 | CS | Quantitative Aptitude | 13/02/17 | 16/02/17 | 3 | S6 | 60 | Focus Academy for Carrier Enhancement, Coimbatore | 40000 |
| 3 | EC | Desktop & Server Administration | 01/02/17 | 04/03/17 | 150 hrs (25 days) | Pass out students | 30 | To be finalized after evaluating EOI | 900000 |
| 4 | All | Quantitative Aptitude Training | 09/01/17 | 03/02/17 | 80 (at a time 4 parallel batches) | All students from S1 to S8 | 1000 | To be finalized after evaluating EOI | 800000 |
| 5 | EI | Placement Training | 24/01/17 | 28/01/17 | 5 | S6 & S8 | 40 | Focus Academy for Carrier Enhancement | 100000 |
| | | | | | | | | | 2740000 |

Decision Needed: The board may consider the proposals and approve.

Resolution: The Terms of Reference for the programs were circulated for approval.



Dr. K.G. Viswanadhan,
Member Secretary



Dr. P. Venkitanarayanan,
Chairman

22.BoG.B2. Ratification of the various training programs without the approval of BoG

B2.1 Faculty

Details of the faculty members who were permitted to attend outstation programmes without the prior approval of BoG are given in below table.

Table 1

| Sl. No. | Name | Topic | Institution | Date | Course Fee | TA/DA | Total |
|---------|----------------------------|---|-----------------------------|---|------------|-------|-------|
| 1 | Dhanya Narayan, EC | Recent Advancements in Signal Processing for Speech Image & Communication | RIT, Kottayam | 26/08/16 – 27/08/16 | 2000 | 345 | 2345 |
| 2 | Bindiya Hari P., CE | Power Industry Familiarization Program for Civil Engineering Faculty | PETARC, Moolamattom | 22/09/16 – 24/09/16 | 13800 | 477 | 14277 |
| 3 | Dr. Roobin V. Varghese, CE | Institutional and Personal Competency Building | School of Management, CUSAT | 27/09/16 – 29/09/16, 03/10/16 – 04/10/16 | 23530 | 3400 | 26930 |
| 4 | Akarsh Gopi, CE | | | | 23530 | 2456 | 25986 |
| 5 | Amrutha Ramachandran, EI | | | | 23530 | 2456 | 25986 |
| 6 | Arun R. Chandran, EC | | | | 23530 | 3288 | 26818 |
| 7 | Dr. Angel Viji K.S., CS | | | | 23530 | 3395 | 26925 |
| 8 | Dr. Rini Jones S.B., EC | | | | 23530 | 3395 | 26925 |
| 9 | Indhu P. Nair, EEE | | | | 23530 | 3333 | 26863 |
| 10 | Manu Francis, EI | | | | 23530 | 2456 | 25986 |
| 11 | Muhammed Nizar B.K., IT | | | | 23530 | 3333 | 26863 |
| 12 | Navami M., CE | | | | 23530 | 2456 | 25986 |
| 13 | Pradeep T.S., EI | | | | 23530 | 3395 | 26925 |
| 14 | Prittu Ann Thomas, EC | | | | 23530 | 2456 | 25986 |
| 15 | Ramnath P., ME | | | | 23530 | 3369 | 26899 |
| 16 | Rekha V.R., IT | | | | 23530 | 3380 | 26910 |

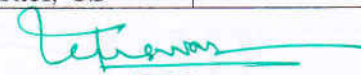
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Member Secretary

Dr. P. Venkitanarayanan,
Chairman

| Sl. No. | Name | Topic | Institution | Date | Course Fee | TA/DA | Total |
|---------|---------------------------------|--|---|---------------------------|------------|-------|--------|
| 17 | Soumya K.G., EEE | Telecom Network Architecture | BSNL Regional Telecom Training Centre, Thiruvananthapuram | 14/11/16 - 19/11/16 | 23530 | 3333 | 26863 |
| 18 | Sreekala V., EEE | | | | 23530 | 3333 | 26863 |
| 19 | Tharun Moorthy, CS | | | | 23530 | 2476 | 26006 |
| 20 | Dr. Angel Viji K.S., CS | | | | 26295 | 1779 | 28074 |
| 21 | Dr. Rini Jones S.B., EC | Personality Development, Capacity Building and Office Administration | ISTE at Hotel Bliss, Tirupati | 25/11/16 - 26/11/16 | 26295 | 1779 | 28074 |
| 22 | Pradeep T.S., EI | | | | 26295 | 1976 | 28271 |
| 23 | Silpa S. Prasad, EC | | | | 26296 | 1710 | 28006 |
| 24 | Dr. K.G. Viswanadhan, Principal | | | | 18500 | 19795 | 38295 |
| | | | | | | | 619062 |

Table 2

| Sl. No. | Name | Topic | Institution | Date | Course Fee | TA/DA | Total |
|---------|-------------------------------|--|--------------------------|---------------------------|------------|-------|-------|
| 1 | Anu Michael, EE | Power Industry Familiarization Program for Civil Engineering Faculty | PETARC, Moolamattom | 15/11/16 | 13800 | 345 | 14145 |
| 2 | Johnson Abraham Mundackal, EE | | | 17/11/16 | 13800 | 345 | 14145 |
| 3 | Anitha R., CS | Administration and Networking in Linux | RIT, Kottayam | 05/12/16 - 09/12/16 | | 1304 | 1304 |
| 4 | Jyothis Joseph, CS | | | | | 1304 | 1304 |
| 5 | Rekha K.S., CS | | | | | 1304 | 1304 |
| 6 | Jismi Babu, EC | Computational Bioinformatics | CE Adoor | 05/12/16 | 3000 | 2845 | 5845 |
| 7 | Syama R., EC | | | 09/12/16 | 3000 | 2595 | 5595 |
| 8 | Dr. K.S. Angel Viji, CS | Hands on Training in Open Source Tools for Kernel Programming & Administration | IHRD, Thiruvananthapuram | 05/12/16 - 09/12/16 | 35000 | 1590 | 36590 |
| 9 | Dr. Rini Jones S.B., EC | | | | 35000 | 1590 | 36590 |
| 10 | Lidiya Augustine, CS | | | | 35000 | 5000 | 40000 |
| 11 | Saji Justus, EI | | | | 35000 | 1500 | 36500 |
| 12 | Simi Susan Samuel, CS | | | | 35000 | 5000 | 40000 |


Dr. K.G. Viswanadhan,
Member Secretary


Dr. P. Venkitanarayanan,
Chairman

| Sl. No. | Name | Topic | Institution | Date | Course Fee | TA/DA | Total |
|---------|-------------------------|---|---------------------|---------------------------|------------|-------|-------|
| 13 | Arun R. Chandran, EC | Power Control Equipment Familiization Program | PETARC, Moolamattom | 05/12/16 – 07/12/16 | 13800 | 200 | 14000 |
| 14 | Febin P.A., EC | | | | 13800 | 1000 | 14800 |
| 15 | Indhu P. Nair, EEE | | | | 13800 | 200 | 14000 |
| 16 | Silpanjali Gopal, EEE | | | | 13800 | 200 | 14000 |
| 17 | Soumya K.G., EEE | | | | 13800 | 200 | 14000 |
| 18 | Sreekala V., EE | | | | 13800 | 200 | 14000 |
| 19 | Remyamol R., IT | Practical Applications of Data Mining, IBM-Bluemix and IBM-Watson | NIT Goa | 05/12/16 – 09/12/16 | 6000 | 37000 | 43000 |
| 20 | Silpa S. Prasad, EC | Digital Signal Processing | IIT Gandhinagar | 06/12/16 – 09/12/16 | | 8000 | 8000 |
| 21 | Arya B. Raj, EI | Control Valves and Actuators | FCRI, Palakkad | 07/12/16 – 09/12/16 | 17750 | 5600 | 23350 |
| 22 | Darsana U., EI | | | | 17750 | 5600 | 23350 |
| 23 | Ramkumar M.U., EI | | | | 17750 | 5600 | 23350 |
| 24 | Dinu A.G., EI | Image Processing and Computer Vision | CE, Pune | 12/12/16 | | 23472 | 23472 |
| 25 | Muhammed Nizar B.K., IT | | | – 16/12/16 | | 23966 | 23966 |
| 26 | Saji Justus, EI | Bosch Automotive Joint Certification Program | GEC, Barton Hill | 13/12/16 – 16/12/16 | 3500 | 1500 | 5000 |
| 27 | Akhil Kumar S., EC | Power & Control Equipment Familiarization Program | PETARC, Moolamattom | 14/12/16 – 16/12/16 | 13800 | 1000 | 14800 |
| 28 | Dhanya Narayan, EC | | | | 13800 | 1000 | 14800 |
| 29 | Dr. K.S. Angel Viji, CS | | | | 13800 | 200 | 13800 |
| 30 | Dr. Rini Jones S.B., EC | | | | 13800 | 200 | 14000 |
| 31 | Gitty Rose Eugene, CE | | | | 13800 | 1500 | 15300 |
| 32 | Naveena Johnson, EI | | | | 13800 | 1000 | 14800 |
| 33 | Prittu Ann Thomas, EC | | | | 13800 | 1000 | 14800 |
| 34 | Saima Mohammed Ali, EI | | | | 13800 | 1000 | 14800 |
| 35 | Savitha Suresh, EC | | | | 13800 | 1000 | 14800 |

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| Sl. No. | Name | Topic | Institution | Date | Course Fee | TA/DA | Total |
|---------|-----------------------------------|--|---|---------------------------|------------|-------|---------|
| 36 | Silpa S. Prasad, EC | | | | 13800 | 2200 | 16000 |
| 37 | Harikrishnan K.R., ME | Fundamentals and Applications of FEM in Engineering Analysis | CE Thalassery | 18/12/16 | 3000 | 6340 | 9340 |
| 38 | Wringle Joseph Kuttianimattom, ME | | | 23/12/16 | 3000 | 6340 | 9340 |
| 39 | Alish Viji Varghese, Maths | Applied Mathematics in Engg. | CE Poonjar | 19/12/16 – 23/12/16 | 35000 | 1100 | 36100 |
| 40 | Anitha R., CS | | | | 35000 | 1355 | 36355 |
| 41 | Binimol V.K., EE | | | | 35000 | 1355 | 36355 |
| 42 | Jasmi M.S., EE | | | | 35000 | 1355 | 36355 |
| 43 | Jismi Babu, EC | | | | 35000 | 1355 | 36355 |
| 44 | Jyothis Joseph, CS | | | | 35000 | 1355 | 36355 |
| 45 | Rekha K.S., CS | | | | 35000 | 1355 | 36355 |
| 46 | Rekha V.R., IT | | | | 35000 | 2000 | 37000 |
| 47 | Sonima M.P., EE | | | | 35000 | 1355 | 36355 |
| 48 | Sreekala V., EE | | | | 35000 | 1355 | 36355 |
| 49 | Syama R., EE | Cyber Forensics | C-DAC Campus, Vellayambalam, Thiruvananthapuram | 19/12/16 – 23/12/16 | 28750 | 7500 | 36250 |
| 50 | Dheeraj N., CS | | | | 28750 | 3000 | 31750 |
| 51 | K.S. Angel Viji, CS | | | | 28750 | 3000 | 31750 |
| 52 | Rini Jones S.B., EC | | | | 28750 | 7500 | 36250 |
| 53 | Sonia Tresa Paul, CS | Mathematical Modelling of Transport in Fluids | RIT, Kottayam | 20/12/16 – 22/12/16 | | 750 | 750 |
| 54 | Bindiya Hari P., CE | | | | | 750 | 750 |
| 55 | Mary James Kappan, CE | | | | | 990 | 990 |
| 56 | Sunish Kurian, ME | Robotic System: Design, Analysis & Fabrication | IIT Ropar | 20/12/16 – 30/12/16 | 5000 | 25000 | 30000 |
| 57 | Amrutha Ramachandran, EI | | | | 5000 | 25000 | 30000 |
| 58 | Manu Francis, EI | Power & Control Equipment Familiarizaion Program | PETARC, Moolamattom | 21/12/16 – 23/12/16 | 13800 | 1900 | 15700 |
| 59 | Archamol P.S., IT | | | | 13800 | 1900 | 15700 |
| 60 | Emi Francis, CS | | | | 13800 | 1900 | 15700 |
| 61 | Krishnaveni V.V., IT | | | | 13800 | 1900 | 15700 |
| 62 | Sruthy R.S., IT | | | | | | 1350285 |

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Decision Needed: The board may kindly ratify the above programmes.

Resolution: The board ratified all the programmes in Table 1, and for programmes in Table 2, ratified the programmes and not the amount, as some of the programs are ongoing and they are not settled completely. The board also directed to keep these programme in next BoG for ratification of amount after settling them.

B2.2 Staff

Details of the staff who were permitted to attended outstation programmes without the prior approval of BoG are given in below table.

Table 1

| Sl. No. | Name | Topic | Institution | Date | Course Fee | TA/DA | Total |
|---------|--------------------------------|--|---|---------------------------|------------|-------|--------|
| 1 | Minimol M.G., Assistant | Automated Accounting using Tally ERP 9 Solution | CE Chengannur | 04/10/16 | 15000 | 546 | 15546 |
| 2 | Sheril A., Assistant Gr.II | | | 06/10/16 | 15000 | 546 | 15546 |
| 3 | Saji K. Vettathu, Librarian | ISTE-WPLP Workshop on Personality Development, Capacity Building and Office Administration | Organized by ISTE at Hotel Bliss, Tirupati | 25/10/16 - 26/10/16 | 18500 | 3851 | 22351 |
| 4 | Bili K. Nair, Jr. Supdt. | Finance for Nonfinancial Officials | Organized by Jaipur Productivity Centre at Hotel Lapaz Gardens, Goa | 07/11/16 - 11/11/16 | 45425 | 4489 | 49914 |
| 5 | Kala B. Nair, Assistant Gr. II | | | | 45425 | 1652 | 47077 |
| 6 | Sujimol K.K., Asst. Engineer | | | | 45425 | 4389 | 49814 |
| | | | | | | | 201198 |

Table 2

| Sl. No. | Name | Topic | Institution | Date | Course Fee | TA/DA | Total |
|---------|-------------------------------|---|---------------------|---------------------------|------------|-------|-------|
| 7 | Anila Raj P., Assistant Gr.II | Service Rules, MoP and Financial Accounting | CE, Cherthala | 20/10/16 - 22/10/16 | 300 | 650 | 950 |
| 8 | Anusha P.A., Instructor | Power and Control Equipment Familiarization Program | PETARC, Moolamattom | 05/12/16 - 07/12/16 | 13800 | 1000 | 14800 |
| 9 | M.G. Ninan, A.O. | | | | 13800 | 1000 | 14800 |
| 10 | Pratheesh P.S., Tradesman | | | | 13800 | 1000 | 14800 |
| 11 | Remisha Remanan, Instructor | | | | 13800 | 395 | 14195 |

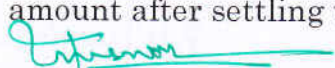
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Chairman

| Sl. No. | Name | Topic | Institution | Date | Course Fee | TA/DA | Total |
|---------|---------------------------------|--|---|---------------------|------------|-------|--------|
| 12 | Saji K. Vettathu, Librarian | | | | 13800 | 1000 | 14800 |
| 13 | Selvaraj A.A., Tradesman | | | | 13800 | 1000 | 14800 |
| 14 | Sudheesh K., Tradesman | | | | 13800 | 345 | 14145 |
| 15 | Sunilkumar E.S., Peon | | | | 13800 | 1000 | 14800 |
| 16 | Anoop Chandran, Assistant | Financial and Service Rules | CE Karunagappally | 14/12/16 – 17/12/16 | 1000 | 1000 | 2000 |
| 17 | Bili K. Nair, Jr. Supdt. | | | 1000 | 1000 | 2000 | |
| 18 | Anusha P.A., Instructor | Operation, Maintenance and Performance Monitoring of Centrifugal Pumps and Compressors | ESCI, Hyderabad | 14/12/16 – 16/12/16 | 17250 | 5500 | 22750 |
| 19 | Pratheesh P.S., Tradesman | | | | 17250 | 5500 | 22750 |
| 20 | Selvaraj A.A., Tradesman | | | | 17250 | 5500 | 22750 |
| 21 | Deepthi P.S., Computer Operator | Power and Control Equipment Familiarization Program | PETARC, Moolamattom | 14/12/16 – 16/12/16 | 13800 | 2000 | 18800 |
| 22 | Prasadkumar K.P., Overseer | | | | 13800 | 1000 | 14800 |
| 23 | Ramachandran G., Electrician | | | | 13800 | 800 | 14600 |
| 24 | Sabu P.L., Peon | | | | 13800 | 500 | 14300 |
| 25 | Shinu Jacob, Tradesman | | | | 13800 | 2000 | 18800 |
| 26 | Deepthi P.S., Computer Operator | Cyber Forensics | C-DAC Campus, Vellayambalam, Thiruvananthapuram | 19/12/16 – 23/12/16 | 28750 | 3500 | 32250 |
| 27 | Anoop Chandran V., Assistant | Power & Control Equipment Familiarizaion Program | PETARC, Moolamattom | 21/12/16 – 23/12/16 | 13800 | 1000 | 14800 |
| 28 | Sheril A., Assistant Gr.II | | | 13800 | 1000 | 14800 | |
| | | | | | | | 332540 |

Decision Needed: The board may kindly ratify the above programmes.

Resolution: The board ratified all the programmes in Table 1, and for programmes in Table 2, ratified the programmes and not the amount, as some of the programs are ongoing and they are not settled completely. The board also directed to keep these programme in next BoG for ratification of amount after settling them.


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B2.3 Inhouse Program

Details of the programmes conducted for faculty members without the prior approval of BoG are given in below table.

Table 1

| Sl. No. | Dept | Name of Programme | Details of Expert | Date | Expense |
|---------|------|----------------------|---|---------------------------|---------|
| 1 | EI | Automation & Control | Abi P. Mathew, HoD, SJCT Pala + 6 other experts | 03/10/16 – 08/10/16 | 73978 |

Table 2

| | | | | | |
|---|-----|---------------------------------------|---|---------------------------|-------|
| 2 | All | Planning Towards Future Development | Prof. K. Narayanan, Former SPFU Director | 03/10/16 | 16000 |
| 3 | EI | Signal Processing and its Application | Dr.M.V. Rajesh, Asso. Prof., ISSAT, Moovattupuzha + 6 other experts | 23/11/16 – 29/11/16 | 90000 |

Decision Needed: The board may kindly ratify the above programmes.

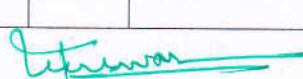
Resolution: The board ratified all the programmes in Table 1, and for programmes in Table 2, ratified the programmes and not the amount, as some of the programs are ongoing and they are not settled completely. The board also directed to keep these programme in next BoG for ratification of amount after settling them.

B2.4 EAP

Details of the programmes conducted for students without the prior approval of BoG under EAP are given in below table.

Table 1

| Sl No | Dept | Name of Programme | Details of Expert | From | Class & Sem | No of participants | Expenses |
|-------|------|--|--|---------------------------|--------------|--------------------|----------|
| 1 | CE | Guidance on Project Work | Dr. Praveen, Prof., RIT | 27/09/16 | S7 | 45 | 4110 |
| 2 | EI | Automation using PLC Programming | Mr. Dayal N.D., Asst. Proff. | 04/10/16 | S7 | 25 | 4461 |
| 3 | CS | Image Processing and its Applications using MATLAB | C. Seldev Christopher, Prof., St. Xaviers Catholic College of Engg., Nagercoil | 05/10/16 – 06/10/16 | Mtech S1, S2 | 13 | 12538 |
| | | | | | | | 21109 |


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Table 2


| Sl No . | Dep t. | Name of Programme | Details of Expert | From | Clas s & Sem | No of participa nts | Expens es |
|---------|-------------------|---|--|----------|---------------|---------------------|-----------|
| 1 | Appl ied Scie nce | Concepts & Laws of Business Economics | 1. Arun, Prof. in MBA, 2. Swapnesh S., AP in ME, RIT, 3.Tincy Rose, AP in Commerce | | S3EC ,EEE, EI | 50 | 24844 |
| 2 | CS | Brain Booster | Binoshi Samuvel, AP, AJCE | 01/08/16 | S5 & S7 | 60 | 6150 |
| 3 | CE | Stress Management for Professional Growth | Anoop K.V., Councillor | 07/10/16 | S3 | 45 | 6640 |
| 4 | EI | Process Identification Methods | Lalu Seban, NIT Silchar | 24/10/16 | S7 | 30 | 30305 |
| 5 | CE | Application of Basic Concepts of Sustainable Engg. in Society | Shibu Krishnan, AP, CET | 04/11/16 | S1 EI, CE | 45 | 6990 |
| 6 | CE | Practical Applications of Sustainability | Shibu Krishnan, AP, CET | 19/11/16 | S1 CS/IT | 33 | 6842 |
| | | | | | | | 121395 |


Decision Needed: The board may kindly ratify the above programmes.

Resolution: The board ratified all the programmes in Table 1, and for programmes in Table 2, ratified the programmes and not the amount, as some of the programs are ongoing and they are not settled completely. The board also directed to keep these programme in next BoG for ratification of amount after settling them.

B2.5 III Cell

Details of the programmes conducted for students without the prior approval of BoG under III are given in below table.

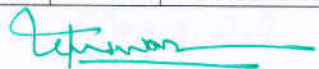

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| Sl No. | Dept. | Name of Programme | Details of Expert | From | Class & Sem | No of participants | Expenses |
|--------|-------|---|--|--|----------------|--------------------|----------|
| 1 | EDC | Enterpunership Development | Rajan | 26/08/16 | S7 all | 103 | 4390 |
| 2 | EC | PCB Design & Arduino Programming | Arun Mohan & Unnikrishnan G., Project Leader, Elementz Engineers Guild Pvt. Ltd. | 05/09/16 – 07/09/16 | S5 | 56 | 27930 |
| 3 | CE | Introduction and Hands on Training in CAD | Experts from solid cad, Kottayam | 27/09/16 | S5 | 64 | 30752 |
| 4 | EC | Radiofrequency Planning & Optimization | Arun A.T., SDE, BSNL Kottayam | 30/09/16 | S7, M.Tech | 23 | 5180 |
| 5 | CE | STAAD & Prima Vera | Harikrishna Das, Vishnu Ramesh, Gokul Sasidharan, Tittoo Varghese | 14/10/16 20/10/16 | S7 | 55 | 29542 |
| 6 | EC | Embedded System Design | Thomas Sabu, Shibili Rahman, Neo Green Labs | 20/09/16 22/09/16 23/09/16 24/09/16 | S5, S7 EC & EI | 30 | 18091 |
| | | | | | | | 115885 |

Table 2

| Sl No. | Dept. | Name of Programme | Details of Expert | From | Class & Sem | No of participants | Expenses |
|--------|-------|---|---|----------|-------------|--------------------|----------|
| 1 | EDC | DuckDuckGo Hackthon | 1. Gautham Krishna R., Community Leader at Duckduckgo, 2. Jithin Anchanattu, Chief Executive Officer, Probuk Solutions LLP, 3. Jomon Thomas Lobo, Android Developer, Probuk Solutions | 22/10/16 | | 60 | 11950 |
| 2 | CE | Industrial Applications of Concepts of Sustainability | Er. Tom Thomas, Sustainability Manager, Louis Berger | 31/10/16 | S1 EI, CE | 55 | 3530 |


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| | | | | | | | |
|---|----|---------------------------|--|----------------------------------|-----------------------------|----|-------|
| 3 | CS | PHP Programming | Anil S., Senior Programmer, Qburst | 19/12/16 21/12/16 04/01/17 | S6 | 63 | 21000 |
| 4 | IT | Programming Methodologies | Jishnu V.V., Senior Software Developer | 01/08/16 | S1, S2, S3, S5, S7 | 74 | 6660 |

Decision Needed: The board may kindly ratify the above programmes.

Resolution: The board ratified all the programmes in Table 1, and for programmes in Table 2, ratified the programmes and not the amount, as some of the programs are ongoing and they are not settled completely. The board also directed to keep these programme in next BoG for ratification of amount after settling them.


22.BoG.B3. Qualification Upgradation – Approval of the Fees of Faculty Pursuing Higher Studies


Request has been received from faculty for reimbursing their course fee paid by them for pursuing their M.Tech/PhD. Finance Committee sanctioned the reimbursement of course fee of the requested faculty members as per the details given below.

| Sl No | Name of Faculty | Details of Course | Details of Fee Already Paid | Amount of Course fee to be sanctioned | | | | | | |
|-------|-----------------|--------------------|-----------------------------|---------------------------------------|-------|-------|-------|-------|-------|--------------|
| | | | | Sem 1 | Sem 2 | Sem 3 | Sem 4 | Sem 5 | Sem 7 | Total |
| 1 | Ramnath P. | M.Tech CUSAT | | 14115 | 14115 | 14115 | | | | 42345 |
| 2 | Ojus Thomas Lee | Ph.D. NIT, Calicut | 49620 | | | | | | 8100 | 8100 |
| 3 | Indhu P. Nair | Ph.D. GEC Thrissur | 31770 | | | | 13620 | | | 13620 |
| 4 | Mohammed Ameen | M.Tech, CUSAT | 48970 | | | | 15780 | | | 15780 |
| 5 | Dhanya Narayan | Ph.D., CUSAT | 12485 | | | | | 1655 | | 1655 |
| | | Total | | | | | | | | 81500 |

Decision Sought: The board may kindly approve and permit to reimburse the amounts.

Resolution: The board permitted to reimburse the amounts as per the details in the above table.

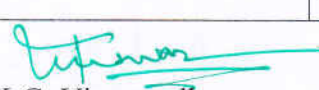

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Chairman

22.BoG.B4. Conference Paper Presentation

The following students have requested to attend International Conference as per the details given in the below table and to meet their expense from TEQIP fund.

| Sl. No | Details of Conference | Name of Paper | Name of Students | Details of Expenses | | | |
|--------|--|--|--------------------------------------|---------------------|--------------------|---------------|-------|
| | | | | Registration Fee | Travelling Expense | Accommodation | Total |
| 1 | National Conference on Recent Trends on Computing from 19-21 st Dec 2016 at Mohandas College of Engineering, Thiruvananthapuram | Survey on Connection Discovery using Non-user Generated Tagging on User Shared Images | Chippy Jacob M.Tech (S4) | 750 | 500 | 1500 | 2750 |
| 2 | | A Survey on Saliency Detection | Archa M. M.Tech (S4) | 750 | 500 | 1500 | 2750 |
| 3 | | Survey on Automatic Detection of Glaucoma Based on Eye Images | Rakhi Ramachandran Nair (M.Tech (S4) | 750 | 500 | 1500 | 2750 |
| 4 | | Survey on Image Protection and Self recovery using Watermark Algorithm | Kripa Biju (M.Tech (S4) | 750 | 500 | 1500 | 2750 |
| 5 | | Survey on Privacy-Preserving Public Auditing for Regenerating-Code-Based Cloud Storage | Tessy Vincent (M.Tech (S4) | 750 | 500 | 1500 | 2750 |
| 6 | | Survey on Depth Map Pre-processing Techniques in Depth Image Based Rendering | Sruthy Thomas (M.Tech (S4) | 750 | 500 | 1500 | 2750 |


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| Sl. No | Details of Conference | Name of Paper | Name of Students | Details of Expenses | | | |
|--------|-----------------------|---|------------------------|---------------------|--------------------|---------------|-------|
| | | | | Registration Fee | Travelling Expense | Accommodation | Total |
| 7 | | Survey on Search Systems for Extracting and Searching in Scholarly Big Data | Veena G. (M.Tech (S4)) | 750 | 500 | 1500 | 2750 |
| | | | | | | | 19250 |

Decision Sought: The board may consider this and permit to meet this expenditure from TEQIP fund under the head IOC.

Resolution: BoG approved and permitted the payment from IOC.


22.BoG B5. Approval of ToR's


B5.1 Approval for service procurement of Quantitative Aptitude training for students and its ToR

Quantitative aptitude is a very essential part of any recruitment activity or competitive exams. As such, training on quantitative aptitude for all the students of our institution will be useful. Due to the large number of students who are to be trained, the estimated expenditure for the training programme is Rs. 8,00,000 (Rupees Eight Lakhs) and it is essential that we go for procurement of service. The procurement of service has to be initiated based on the terms of reference (ToR). The ToR prepared by us is attached as Annexure 1

Decision Sought: The board may kindly approve the ToR and permit the service procurement.

Resolution: The Terms of Reference for the programs were circulated for approval, but the board decided to discuss in detail in the next BoG.


Dr. K.G. Viswanadhan,
Member Secretary


Dr. P. Venkitanarayanan,
Chairman

B5.2 Approval for ToR for ISO Certification

As the college is planning to go for ISO Certification, the ToR for the same has to be approved in the BoG. The ToR is circulated along with the Agenda as Annexure 2.

- **Decision Sought:** The board may kindly approve the ToR.

Resolution: The Board approved the ToR after making necessary corrections.

B5.3 Approval for ToR for Finishing School

As per government order for conducting programmes under Finishing School the ToR has to be approved by BoG. The TOR prepared for the same is circulated along with the Agenda as Annexure 3.

Decision Sought: The board may kindly approve the ToR for future programmes and for the programmes already conducted under Finishing School.

Resolution: The Terms of Reference for the programs were circulated for approval, but the board decided to discuss in detail in the next BoG.


B5.4 Approval for Tor for High Intensity Training Programme

The following departments are planning to conduct high intensity programmes as detailed below.

| Sl. No. | Dept. | Name of Programme | Date | Estimated Amount |
|---------|-------|---------------------------------|---------------------------|------------------|
| 1 | CS | Java and Android Programming | 01/02/17 – 28/02/17 | 900000 |
| 2 | EC | Desktop & Server Administration | 09/01/17 – 03/02/17 | 800000 |

The ToR for the same is attached as annexure 4 and 5 respectively.

Decision Sought: The board may kindly approve the ToR.


Dr. K.G. Viswanadhan,
Member Secretary


Dr. P. Venkitanarayanan,
Chairman

Resolution The Terms of Reference for the programs were circulated for approval, but the board decided to discuss in detail in the next BoG.

22.BoG.B6 Accreditation for Dept. of Civil Engineering

Department of Civil Engineering has requested to apply for accreditation for the Civil Engineering Program.

Decision Sought: The board may permit to apply and to meet the expense from TEQIP II fund.

Resolution: The Board discussed and permitted the Department of civil Engineering to apply for Accreditation.

22.BoG.B7 IDP for TEQIP III

The IDP for TEQIP Phase III was circulated among all the members via email. The same is circulated along with agenda.

Decision Sought: The board may kindly discuss the IDP and approve it.

Resolution: The discussion postponed to next BoG.


22.BoG.B8 Change of Nodal Officers


Nodal Officer Academic is on Maternity Leave. As the project is nearing to an end there is heavy rush for academic activities. In this situation the Academic Nodal Officer was replaced as given in table below.

| Sl. No. | Post (Nodal Officer) | Existing | New |
|---------|----------------------|----------------------------|-------------------------------------|
| 1 | Academic | Smt. Priya M., AP in EC | Smt. Sreelakshmi S., AP in Maths |

Decision Sought: The board may ratify and approve the change.

Resolution: Noted


Dr. K.G. Viswanadhan,
Member Secretary


Dr. P. Venkitanarayanan,
Chairman

Part C
Reports


C1. The status of fund position as on 30/11/2016


Fund utilization status for the allotted 100 Lakh is presented in table given below

| Sl. No. | Activity/Category of Expenditure | Total Budget (in lakh) | Interest (in lakh) | Amount as on 30.06.16 | Amount as on 30.11.16 | Amount Spend after the last BoG | Committed | Balance to spend (including interest) |
|--------------|--|------------------------|--------------------|-----------------------|-----------------------|---------------------------------|--------------|---------------------------------------|
| 1 | Improvement in teaching, training and learning facilities | 550 | 14 | 481.28 | 562.25 | 80.97 | | 2 |
| 2 | Providing Assistantship for increased enrolment in existing and new PG | 100 | 3 | 49.67 | 56.55 | 6.88 | 4.32 | 42 |
| 3 | Enhancement of R&D and Institutional Consultancy activities | 20 | 1 | 1.26 | 1.37 | 0.11 | | 19 |
| 4 | Faculty and Staff Development (FSD) | 100 | 3 | 81.07 | 92.45 | 11.38 | 11.85 | -2 |
| 5 | Enhanced Interaction with Industry | 40 | 1 | 6.68 | 9.06 | 2.38 | 1.36 | 31 |
| 6 | Institutional Management Capacity Enhancement | 30 | 1 | 1.64 | 6.44 | 4.8 | 1.46 | 23 |
| 7 | Academic Reforms | 20 | 1 | 13.99 | 13.99 | 0 | | 7 |
| 8 | Academic Support for weak students | 40 | 1 | 16.66 | 21.63 | 4.97 | 0.96 | 18 |
| 9 | Incremental Operating Cost | 100 | 3 | 47.88 | 55.66 | 7.78 | 1.3 | 46 |
| TOTAL | | 1000 | 26 | 700.13 | 819.4 | 119.27 | 21.25 | 185.558 |

Decision Sought: For the information of BoG.

Resolution: Noted.


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Member Secretary


Dr. P. Venkatarayanan,
Chairman

Part D


Any other item with the permission of the chair


D1. Reallocation of the fund allotted

The initial fund allocation by NPIU for academic activities (except procurement and IOC) was reallocated taking into consideration the existing expenditure pattern as mentioned below.

| Sl. No. | Activity/Category of Expenditure | Total Budget (in lakh) | Reallocated Budget |
|---------|--|------------------------|--------------------|
| 1 | Improvement in teaching, training and learning facilities | 550 | 550 |
| 2 | Providing Assistantship for increased enrolment in existing and new PG | 100 | 75 |
| 3 | Enhancement of R&D and Institutional Consultancy Activities | 20 | 5 |
| 4 | Faculty and Staff Development (FSD) | 100 | 150 |
| 5 | Enhanced Interaction with Industry | 40 | 20 |
| 6 | Institutional Management Capacity Enhancement | 30 | 20 |
| 7 | Academic Reforms | 20 | 20 |
| 8 | Academic Support for weak students | 40 | 60 |
| 9 | Incremental Operating Cost | 100 | 100 |
| | | 1000 | 1000 |

The meeting came to a close at 2. pm.


Dr. K.G. Viswanadhan,
Member Secretary


Dr. P. Venkitanarayanan,
Chairman

**TECHNICAL EDUCATION QUALITY IMPROVEMENT
PROGRAMME Phase - II**

Terms of Reference (ToR)

For

**Consultancy Service for Development and Implementation of
Quality Management System, ISO 9001:2015**

COLLEGE OF ENGINEERING KIDANGOOR

KIDANGOOR SOUTH P.O

KOTTAYAM

KERALA

PIN:686583

Terms of Reference (ToR)

for

Consultancy Service for Development and Implementation of Quality Management System, ISO 9001:2015

Technical Education Quality Improvement Programme-Phase-II

BACKGROUND

The Ministry of Human Resource Development (MHRD), Government of India in the year 2002 conceived and designed the Technical Education Quality Improvement Programme (TEQIP) as a long term programme for implementation in 2 to 3 phases over duration of 10-12 years for systemic transformation of the technical education system. TEQIP Phase-I commenced in March 2003 and was successfully completed in March, 2009, covering 127 institutions. Encouraged by the highly significant achievements of Phase-I of the Programme, the Government of India has decided to implement Phase-II of the Programme through MHRD. One key component of the Phase-II Project is **Implementation of institutional reforms**. Accreditation of eligible UG & PG programs is one of the key performance indicators of this project.

Accreditation of programs is one of the quality assurance mechanisms. The accreditation target to be achieved by the end of the Second Project-Year is 60% of the eligible UG and PG programs (obtained and applied for) and 100% accreditation (obtained and applied) for the eligible UG and PG programs by the end of the Project. Institutions need to take appropriate actions to obtain accreditation of eligible PG and UG programs within the specified timeframe and also for renewal of accreditation during the Project period.

Development of processes and implementation of quality management system in line with ISO 9001:2015 will help the institution for accreditation process as well as establishment of quality system in the institution.

SCOPE OF WORK

1. Awareness training programs to all faculty and supporting staff members, with around 25 members.
2. Documentation support for preparation of the quality manual, procedures and formats.

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3. Documentation support in accordance with NBA Accreditation Procedure.
4. Software support for all academic & administrative management system.
5. Internal auditor training for around 25 members.
6. Minimum 2 internal audit support.
7. Follow up support after internal audit.
8. Follow up support after external audit.
9. 18 months support from the date of commencement of the project.

EVALUATION & SELECTION

The selection of agencies will be on the basis of procurement norms of TEQIP II, Quality and Cost Based Selection (QCBS).

The RFP shall request the eligible consultants to provide their best technical and financial proposals in separate envelopes. Selection will be based on a combined evaluation of technical proposal and financial proposal. The total score shall be obtained by weighing the quality and cost scores and adding them. The firm obtaining highest total score shall be invited for the negotiations. Technical evaluation will be by a pointing system, where weightage is given for different parameters. The parameters are given below.

| Parameters | Points | Max. point |
|---|--------------------------|---------------|
| Past experience of similar nature in terms of no of assignments (Facilitation in ISO Implementation projects) | 10 points per assignment | 50 |
| Professional Experience | 5 points per year | 15 |

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|---|---|
| Team leader qualification | <ul style="list-style-type: none"> Graduation and 20 qualified lead assessor(10 points) Post-graduation/Engineering qualification and qualified lead assessor (20 points) |
| Team Size | <ul style="list-style-type: none"> 2 points per person 10 |
| Certifications by central/state govt agencies | <ul style="list-style-type: none"> 2.5 points per 5 certification |
| Total | 100 |

PAYMENT TERMS

- | | |
|--|--------------------------|
| 1. On completion of the awareness trainings: | 20% of the project value |
| 2. On Completion of the initial documentation: | 20% of project value |
| 3. After first internal audit: | 25% of project value |
| 4. After certification audit: | 35% of the project value |

EVALUATION & MONITORING

There will be an evaluation committee authorised by college. The following members were present in that Committee.

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|----------------------------|--|
| 1) Dr. K.G. Viswanadhan | Principal |
| 2) Mrs. Jisha Balakrishnan | TEQIP Coordinator |
| 3) Mr. Vivek Raju | TEQIP Coordinator |
| 4) Dr Rini Jones S.B | ISO Coordinator, Asso. Prof & HOD -ECE |
| 5) Mr. Sunish Kurien | Finance Nodal Officer |
| 6) Mr. Saji Justus | Procurement Nodal Officer |
| 7) Mrs. Sreekala | Accademic Nodal Officer |
| 8) Mrs. Sonima M.P | EAP Nodal Officer |
| 9) Mrs. Gitty Eugene | |

P. V. Narayanan

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| 10) Mr. Joby James | Finishing School Nodal Officer |
| 11) Mr. Pradeep T.S. | Research Nodal Officer |
| 12) Mrs. Bindiya Hari | Civil Works Nodal Officer |

GENERAL TERMS AND CONDITION

1. Training is to be imparted at College of Engineering Kidangoor.
2. All the expenditure incurred in preparation/ submission or presentation of EOI and proposal shall be borne by the participating training providers.
3. All the expenditure toward lodging, boarding and conveyance of the resource persons shall be borne by the training providers.
4. Participation in this EOI does not guarantee any association with CE Kidangoor unless notified by CE Kidangoor in writing.
5. An Undertaking (Self Certificate) is to be submitted that the organization hasn't being black listed by any Central/State Government Department/Central Government Funded Organizations/State Government Funded Organization/World Bank, or other World Bank Organizations (including the UN Organizations) and is not under investigation by Government or UN Member State Government.
6. CE Kidangoor reserves the right of rejecting any offer without assigning reasons.
7. There is no business guarantee / commitment from CE Kidangoor to the appointed/empanelled training providers.

COPIES OF RESPONSE

The firm must submit one hard copy and one soft copy of their response to this invitation to the designated point of contact.

DESIGNATED POINT OF CONTACT

Principal
College of Engineering Kidangoor
Kidangoor South P.O.,
Kottayam - 686583

Annexure

Format for experience profile of resource persons on the training provider's team

1. Name:
2. Address and contact details:
3. Company Profile:



4. Educational Qualifications of the main consultants:
5. ISO Assignment details in Govt. and reputed institutions (Minimum 5 Educational institutions):

A handwritten signature in blue ink, appearing to read 'P. N. K. N. K.', with a long horizontal stroke extending to the right.