

PSG COLLEGE OF TECHNOLOGY, COIMBATORE – 641004
TEQIP - 12th - BOARD OF GOVERNORS MEETING
Minutes of the Meeting

Venue: A-Block Board Room

Date: 24.10.2016 & Time: 10.00 am

TEQIP Activities from 20.05.2016 – 23.10.2016

1. Status of Funds utilized and committed during this period is tabulated below.

Month	Expenditure upto May 2016	June 2016	July 2016	Aug 2016	Sep 2016	Committed upto 23 th Sep-2016	Total expenditure and committed till 23 th Sep-2016	Amount Received and Interest Earned	Balance Remaining
Procurement (Rs in Lakhs)	529.1	64.1	68.9	51.7	49.0	0.0	762.7	762.7	0.0
Other soft Components (Rs in Lakhs)	561.4	25.8	38.2	17.0	77.8	18.1	738.2	754.6	16.3
Total (Rs in Lakhs)	1090.5	89.9	107.1	68.7	126.8	18.1	1501.0	1517.3	16.3

2. Financial Budget relating to balance funds is tabulated below:

The balance amount of **Rs. 16,31,589/-** is planned to be spent as per the following details

S.No	Details	Amount in Rs.
1	Organising Research Workshops	19,632
2	Patenting of Research Products	1,00,405
3	Faculty training in subject domain	80,159
4	Organising FDP/Workshop/Seminar in-house	2,89,581
5	Participation by faculty in Seminar/ Conferences/ workshop etc.	96,129
6	Travel, Hospitality and Honorarium for experts offering lectures	1,93,605
7	Students transition from first year to second year of UG Programmes (clearing all subjects /courses of 1st year in first attempt)	49,134
8	Supplementary Coaching for senior classes , GATE coaching, finishing school, soft skills, etc.,	40,870
9	Incremental Operating Cost	7,62,074
Total		16,31,589

3. Quarterly FMR for the period April-June 2016 and July- September 2016 was communicated to DoTE, Chennai on 01.07.2016 & 14.10.2016 respectively.
4. Financial Management Indicators report for the period 01.04.2016 to 30.09.2016 was communicated to DoTE, Chennai 21.10.2016.
5. The Four Fund status till now is tabulated below.

Corpus Fund	Equipment Replacement Fund	Faculty & Staff Development Fund	Equipment Maintenance Fund	Total (Rs.)
92,24,109	92,08,282	1,08,20,107	92,39,747	3,84,92,245

6. A TEQIP Phase-III guideline was communicated from DoTE by email to us on 01.06.2016. They requested to kindly go through the same and also to start preparing the Institutional Development Proposal for TEQIP-III.

7. Statutory audit for the financial year 2015-16 was conducted by M/s A.R. KRISHNAN & ASSOCIATES, Chennai-641034 during 13-14 June 2016 and waiting for the compliance report.
8. Impact Analysis for the PG Teaching Assistantship given to the Non-GATE - M.E /M.TECH students in TEQIP PHASE-II Institutions for the financial year 2014-15 was communicated to DoTE by E-mail on **16.06.2016**.
9. Internal Audit report for the 2nd half yearly Internal auditing for the financial year 2015-16 was conducted by M/s. Raja Associates, Chennai -641017 during 27th & 28th April 2016 was communicated from DoTE to us. It is noted that there is no Internal Audit Observations for our institution.
10. The details of the list of faculty members, Heads of Departments, PhD students of project institutions who have availed international travel under TEQIP Fund was communicated to DoTE by email on 20.06.2016. In our institution only Dr.K.Prakasan, Professor & Head, Production Engg has attended the TEQIP II Sponsored Academic Leadership Development Programme organized by IIM Trichy at National University of Singapore, Singapore during 19-21 SEP 2014 at IIMT & 22-25 SEP 2014 at NUS, Singapore.
11. The details of Industrial Oriented Courses offered (Name of the Course, Year of Starting, its Duration and the sanctioned intake) in our Institution and the contact person Name, e-mail id and mobile no. for these courses was communicated to DoTE by email on 21.06.2016.
12. The List of Certified Master Trainers for the Train the Trainers programme organised in PSG College of Technology for three batches in three cycles is tabulated below.

S.No	Date	Total Number of Faculty members attended	List of Certified Master Trainers		
			In PSG	Other than PSG	Total
1	23-27 Nov 2015	60	4	12	16
2	19-23 Jan 2016	35	4	11	15
3	26- 30 Mar 2016	18	0	0	0
Total		113	8	23	31

13. Dr.K.Suresh Kumar, General Manager PSG STEP attended the meeting with Directorate of Technical Education, the Principal Secretary & Director of Entrepreneurship Development Institute (EDI) Tamil Nadu and the officials from EDI on 08.07.2016 @ 11.00 AM at Hotel Rain Tree, Teynampet, **Chennai-641035** to initiatives to be taken for Entrepreneurship Development in Engineering and Polytechnic Colleges.
14. QEEE – VI was attended by 712 students and 32 Faculty from 6 departments for 9 courses scheduled during August to September 2016.
15. With reference to **the Letter No.: AC/TEQIP-II/Int.Trav/16 dated: 15th July, 2016 and subsequent mail dated 16th July 2016 from NPIU, 101 TEQIP institutions** all over the India has been decided that the Boards of Governors of the respective institutions are empowered enough to accord approval for undertaking International Travel without any deviation of the objectives of the revised guidelines (applicable till the next Review Mission). We are one among them.
16. With reference to **the Letter No.: Proc./TQ II/SPFU/2016 dated: 29th July, 2016 and subsequent mail dated 30th July 2016 from NPIU**, procurement completion date has been extended up to 30th September, 2016 by competent authority, on the request of various institutions and recommendation of the SPFUs.
17. TEQIP Final Round of Data and Performance Auditing were completed during **21-24 Aug 2016 by Prof. K. P. P. Pillai (Performance Auditor), Former Principal, College of Engineering, Trivandrum and Prof. P. Manivel (Data Auditor) , Associate Professor of Chemistry, Thanthai Periyar Government Institute of Technology, Vellore.**
18. With reference to **the Letter No.: Proc./TQ II/SPFU/2016 dated: 3rd August, 2016 and subsequent mail dated 3rd August 2016 from NPIU**, the date has been extended till 31st August, 2016 for Backlog entries into PMSS software for the manual procurement done from **20th November, 2015 to 8th April, 2016.**
19. With reference to **the Letter No.: 57805/TEQIP-II/2010 dated: 19.08.2016 and subsequent mail dated 19.08.2016 from DoTE** regarding the **delay in release of Final installment of Rs. 2.5 Crores from the State and**

to meet the expenditure to get the advance amount from the institution, advance amount of Rs. 2.5 Crores from the management was received. Once the amount is received from the DoTE, the same will be settled to the Management account.

20. The final installment of Rs. 2.5 Crores from the state government was received on 18.10.2016.
21. Dr.R.Gandhinathan, TEQIP Coordinator attended a workshop on Good Governance on 31st August 2016 at India Habitat Centre, New Delhi organised by NPIU to endeavor in sharing experience the reinforce and support the Good Governance Programme through good governance learning forums.
22. The online web based Student, Faculty and Staff Satisfaction Survey was commenced from 23rd August, 2016 to **19th September, 2016. 98.2% of our stake holders had participated in the survey from our institution. .**
23. With reference to **the Letter No.: 54518/TEQIP-II/2016 dated: 30.08.2016 and subsequent mail dated 31.08.2016 from DoTE** regarding Launching of Udyamita, a programme for colleges Entrepreneurship by Ministry of Skill Development and Entrepreneurship, Government of India.
24. With reference to the **Email dated 2.09.2016 from DoTE**, the faculty training was not permitted to attend in tourist centres like Goa, Srinagar, Jaipur, Andaman etc.
25. With reference to **the Letter No.: Proc./TQ-II/SPFU/2016/ dated: 6th September, 2016 from NPIU and subsequent mail dated 07.09.2016 from DoTE**, we had sent the TEQIP-II – List of Post Review Contracts Awarded during the Period **July 1, 2015 to June 30, 2016 by email on 08.09.2016.**
26. Dr.R.Rudramoorthy, Principal and Dr.R.Gandhinathan, TEQIP Coordinator attended the 7th JRM Meeting visited by the World Bank, MHRD & NPIU Officials at Hotel Rain Tree, Teynampet, Chennai - 641035 **on 26.09.2016** to present the TEQIP Project progress of our institution.
27. During the 7th JRM, the World Bank has informed that the TEQIP-II project is being extended till 31st March, 2017. In this regard the action plan for the period from 1st Oct., 2016 to 31st March, 2017 was sent to SPFU by email on 13.10.2016.
28. The Project Implementation Plan (PIP) was revised and the revised tables of indicative Category wise funding for suggested Activities was sent by email on 13.10.2016 from SPFU. As per the revised PIP, 55% of the amount can be spent under Procurement, 35% for the Soft components and 10% for the Incremental Operating Cost for our institution.
29. Dr.V.K.Manoharan Professor Incharge, QEEE has attended one day QEEE Feedback session conducted at IIT Madras, Chennai on 22.10.16.
30. With reference to **the Letter No.: 4538/TEQIP/II/2013 dated: 14.10.2016 and subsequent mail dated 14.10.2016 from DoTE** regarding the guidelines for the Faculty and Staff to attend FDP/SDP to other states within India was revised, hereafter it is not required to get approval for the Faculty and Staff to attend FDP/SDP to other states within India.
31. Ph.D Part time Fee reimbursement (**Rs.9,59,100/-**) for one semester (July 2016) was given to 107 faculty members of PSG College of Technology.
32. The Procurement for **55 % of additional fund of Rs. 5 Crores (i.e 2.75 Crores)** was initiated for **32 Packages. Finally 27 packages** were approved after evaluation and Purchase orders were released. The Purchase Order value amounts to **Rs.2,74,58,560/-**. 100% of the equipments were purchased and installed successfully through TEQIP Fund.
33. As per the email received from NPIU, Chennai on **07.10.2016**, TEQIP-II project is going to be extended till **31st March 2017**. In view of this, it is to inform that all Project entities may kindly continue procurement activities till further communication from this office.
34. The details of beneficiaries under MOOC (Massive Open Online Courses) Programs introduced in TEQIP- II since inception till date were communicated to DoTE by email on 21.10.2016.

35. The following are the programmes accredited and applied for accreditation after the last BoG. 100% of the UG and PG Programmes are accredited and applied for accreditation. 31.7% of the programmes are accredited and remaining 68.3 % of the programmes are applied for accreditation.

S.No	Name of the Programme	Remarks
1	M.E. Industrial Metallurgy	Applied for Accreditation Via No. 1912-28/05/2016
2	M.E. Energy Engineering	
3	M.Tech Information Technology	
4	M.E. Embedded & Real Time Systems	
5	M.E. Wireless Communication	
6	M.E. Production Engineering	Applied for Accreditation Via No. 1976-19/07/2016
7	M.E. Applied Electronics	
8	M.E. Control Systems	
9	M.E. Computer Science & Engineering	
10	M.E. Industrial Engineering	Applied for Accreditation Via No. 1985-27/07/2016
11	M.E. Infrastructure Engineering	
12	M.E. Lean Manufacturing	
13	M.E. Biometrics & Cyber Security	
14	M.Tech Nanotechnology	
15	M.E. Virtual Prototyping & Digital Manufacturing	2017-29/08/2016
16	B.E. Instrumentation & Control Engineering	
17	B.E. Robotics & Automation Engineering	F.No. 33-112/2010-NBA D/ 28.09.2016 Got Accreditation for 2 Years
18	M.E. Power Electronics & Drives	
19	M.E. Product Design & Commerce	
20	M.E. Software Engineering	
21	M.Tech Biotechnology	For 5 years
22	M.E. VLSI Design	

36. The details regarding the Higher Education Achievements of PSG Tech during the TEQIP-II period was communicated to DoTE by E-mail on 21.10.2016.

37. The following 16 Research Workshops were conducted in our institution and 776 Faculty/Research Scholars were benefitted.

- 1) Effect of Bioinformatics analysis for research during 29-30 July 2016 organised by Dept. of Biotechnology.
- 2) Research Perspective & Global Opportunities in Fashion Technology on 30.07.2016 organised by Dept. of Fashion Technology
- 3) Internet of Things on 06.08.2016 organised by Dept. of Automobile Engg.
- 4) Engine Modifications and Emission Control Strategies on 13.08.2016 organised by Dept. of Automobile Engg.
- 5) Orthopaedic Applications of Biomechanics during 26-27 August 2016 organised by Dept. of Biomedical Engg.
- 6) Neural Interface and Speech Processing during 9-10 Sep 2016 organised by Dept. of Biomedical Engg.
- 7) Data Analytics using R Language during 10-11 Sep 2016 organised by Dept. of Information Technology

- 8) Challenges in Development of Electric and Electric Hybrid Vehicles on 24.09.2016 organised by Dept. of Automobile Engg.
 - 9) Deep Learning on 07.10.2016 organised by Dept. of CSE.
 - 10) Standards Requirement on 8.10.2016 organised by Dept. of I&CE.
 - 11) Filtration Textiles on 21.10.2016 organised by Dept. of Textile Technology
 - 12) Modelling and Simulation for Alloy design" on 03.10.2016 organised by Dept. of Metallurgy
 - 13) Advanced Control Technique on 15-10-2016 organised by Dept. of I&CE.
 - 14) Research Challenges in Intelligent Power Sources for Welding on 18.10.2016 organised by Dept. of EEE.
 - 15) Opportunities and Challenges in Welding Automation on 20.10.2016 organised by Dept. of R&AE.
 - 16) Human Joint Morphometry and Prosthetic Design - Knee and Shoulder Case studies organised by department of Biomedical Engineering on 18.10.2016.
38. Dr.Gukan Rajaram, Associate Professor, Mechanical Engineering and Dr.P.Karthikeyan, Associate Professor, Automobile Engineering visited center for Fuel Cell Technology (CFCT) to discuss with the senior research scientists to set up one Center for Fuel Cell Technology institution.
39. The Interest amount credited into TEQIP-II account for the period 01.04.2016 to 30.09.2016 is Rs. 4,23,235/- and the total interest credit into TEQIP II account till 30.09.2016 is Rs. 17,29,059/-.
40. The following 17 patents were applied.
- 1) Study on the improvement of weaveability in cotton spun yarn using fish scale extracts
 - 2) 3D-Model PAKE Protocol
 - 3) Design Patent on Material Crash Testing Machine
 - 4) Functional Patent on Material Crash Testing Machine
 - 5) Multipurpose vehicle for Leg disabled and spine injured patients
 - 6) Staking & Counting unit for Packing Machinery
 - 7) Coco peas as a Carrier Material
 - 8) Smart Accident Prevention System
 - 9) IoT Based Smart Walking Cane for Typhlotic with Voice Assistance
 - 10) Design of Indigenous phased Array RF Volume Coil for 1.5 Tesla Magnetic Resonance Imaging System
 - 11) Hybrid Compact Parabolic Fresnel Reflector
 - 12) Knee Pain Relief using vibration and alternate heating and cooling in a knee pad controlled using smart phone
 - 13) Multi modal biometric based secure healthcare monitoring system
 - 14) Continuous Touch Dynamic Authentication for Mobile Devices
 - 15) Toggle Mechanism for wheels to enable staircase climbing
 - 16) Modified Half Fresnel Lens integrated with simple parabolic reflector
 - 17) New Permutation Technique for Encrypting/Decrypting data using N-Queen Concept
41. The following 11 faculty development programmes were attended by 17 faculty members.
- 1) 2 Months summer faculty research fellow programme 2016 during 18th May 2016 to 15th July 2016 organised by IIT, Delhi.
 - 2) 2 Months summer faculty research fellow programme 2016 during 18th May 2016 to 15th July 2016 organised by IIT, Delhi.
 - 3) Five days Short term programme on organic semiconductors for Microelectronics & Display applications during 30 May - 03 June 2016 organised by National Institute of Technology, Surathkal by GIAN at Surathkal.

- 4) Fundamentals and Advanced Concepts of Lean Manufacturing and Six Sigma during 25-30 July 2016 Organised by Global Initiative of Academic Networks (GIAN) scheme of MHRD.
- 5) Five day short term course on Finite Element in Fluids GIAN Course during 1-5 Aug 2016 organised by IIT Madras.
- 6) Supply Chain Modelling and Decision Making during 1-7 August 2016 organised by department of Management Studies, IIT Madras.
- 7) Analysis of Research Problems through Design of Experiments (DoE) during 13-17 Aug 2016 Organized by Department of Mechanical Engineering Dr. Babasaheb Ambedkar Technological University, Lonere, Dist. Raigad at IIT Bombay The following 4 Faculty Development Programme (FDP) were conducted in our institution and 107 Faculty members were benefitted.
- 8) Three day FDP on "Novel Catalysts for Industrial Use" during 24-26 August 2016 organised by IIT Guwhati, Assam.
- 9) Six days training programme on Aruba Networks during 12-17 Sep 2016 HPE Office, Chennai
- 10) National Cyber Defence Summit – 2016 organised by National Cyber Safety and Security Standards in association with State & Central Governments, Ministry of Defence, Government of India, AICTE & Anna University , Chennai on 30.09.2016 & 01.10.2016.
- 11) One week FDP on "Alternate Materials and Methods in Civil Engineering" organised by Department of Civil Engineering, Coimbatore Institute of Technology during 19-25 October 2016.

42. The following 23 Workshops/Seminars/Conferences were attended by 52 Faculty members.

- 1) Third International Conference on Nanotechnology for Better Living during 23-31 May 2016 organised by IIT Kanpur/ NIT Srinagar.
- 2) Staff Training Programme on Self Awareness & Higher Goals in Education Organised by the Centre for Continuing Education and Teaching Learning Centre of IIT Madras during 30.05.2016 to 03.06.2016.
- 3) IEEE Indian Antenna Week - 2016 at Hotel Heritage, Madurai organised by Thiyagarajar College of Engineering during 6-10 June 2016
- 4) GIAN - Global Initiative Academic Network Programme on Precision Manufacturing organised at IIT Madras, during 6-11 June 2016.
- 5) Two day workshop on "How to improve the accuracy of CNC Machines" at Pune during 7-8 June 2016.
- 6) One week TEQIP II Sponsored STTP on "PLC, HMI, SCADA and AC Drives" organised by Department of Electrical Engineering Delhi Technological University, Delhi during 13-17 June 2016.
- 7) National Conference on Large scale multidisciplinary systems of national significance (LAMSYS-2016) organised by Indian Society of Systems for Science and Engineering at Sriharikota, Chennai during 24-25 June 2016.
- 8) Small wind Energy & Hybrid Systems & its relevance to telecom towers organised by National Institute wind energy in Pune on 01.07.2016.
- 9) 5th International conference on advances in CSA 2016 organised by IDES and ACEECom, Kolkata during 9-10 July 2016
- 10) One week Workshop on "Supply Chain Modeling and Decision Making organised by IIT Madras during 1-7 August 2016.
- 11) 2 day workshop on corrosion control in concrete structure organised by IIT Madras during 5-6 August 2016.
- 12) Workshop on "MIMO Wireless" organised by Anna University, Chennai during 8-12 Aug 2016.
- 13) 4th CNSE seminar series on solar energy systems organised by PSGIAS during 18-19 August 2016.

- 14) FDP on Learning Improvement Techniques IIT Madras jointly organised by Teaching Learning Centre, IIT Madras, Chennai and SPFU, Tamil Nadu, Directorate of Technical Education, Chennai during 18-20 August 2016 Mar 2016.
- 15) Three day FDP on "Novel Catalysts for Industrial Use "organised IIT Guwhati, Assam during 24-26 August 2016.
- 16) Two days workshop on PID Controller organised by MIT Chennai during 16-17 September 2016.
- 17) Workshop on Control Techniques and Applications organised IIT Kanpur during 19-23 Sep 2016.
- 18) Measuring Productivity in Higher Education organised by National Institute of Technology (NIT), Tiruchirapalli during 19-22 Sep 2016.
- 19) Eighth ISSS National Conference on MEMS, Smart Materials, Structures and Systems organised by IIT Kanpur, Kanpur during 28th to 30th Sep 2016.
- 20) 4th edition Electrotech 2016 at CODISSIA, Coimbatore during 16-18 Sep 2016.
- 21) Safety and health in Engg industries on by National safety council organised by NGP Institute of Engineering & Technology, Coimbatore on 03.09.2016
- 22) 2nd Edition of the conference on Automation organized by CII, Coimbatore on 22.07.2016.
- 23) Workshop on Sparse Optimization for signals and systems organised by IIT Madras during 22-23 Oct 2016.

43. The following **4 Pedagogical Programmes** were conducted in our institution and **180 Faculty members** were benefitted.

- 1) One day Pedagogical Programme on Teaching Learning Skills to newly joined Faculty members on 11.06.2016.
- 2) One day Pedagogical Programme on ISO Awareness Training on 16.07.2016
- 3) One Day Pedagogical Programme for Assistant Professor on "Design Thinking - An Experiential learning for faculty" on 30.07.2016.
- 4) One day Pedagogical Programme on "Enhancement Academic Process" on 13.08.2016.

44. The following 30 Faculty Developments Programmes were conducted in our institution and 1002 Faculty members were benefitted.

- 1) Principles and Practices of Non Destructive Testing organised by Department of Metallurgical Engineering during 25-31 May 2016.
- 2) Computer Networks organised by Department of Computer Science & Engineering during 23-28 May 2016.
- 3) Internet of Things organised by Department of Electronics & Communication Engineering during 2-4 June 2016.
- 4) Geometric Dimensioning & Tolerancing organised by Department of Mechanical Engineering during 5-11 June 2016.
- 5) Effective communication for classroom management organised by Department of English during 5-11 June 2016.
- 6) Recent Trends in Signal & Image Processing organised by Department of Instrumentation & Control Systems Engineering during 6-12 June 2016.
- 7) Virtual instrumentation for biomedical Applications organised by Department of Biomedical Engineering during 16-18 June 2016.
- 8) Integration, Control, and Metering of Renewable Energy sources for Smart Grid System: A Research Perspective Approach organised by Department of Electrical & Electronics Engineering during 20-26 June 2016.

- 9) Real time embedded systems and internet of things organised by Department of Electrical & Electronics Engineering during 22-28 June 2016.
- 10) Computer aided jacquard fabric designing organised by Department of Fashion Technology during 23-25 June 2016.
- 11) Engineering Mathematics through AP EMTA 2016 organised by Department of Mathematics during 4-11 July 2016.
- 12) Engineering Physics and Applications organised by Department of Physics and Material Science during 7-12 July 2016.
- 13) Finite element method and its application organised by Department of Mechanical Engineering during 10-16 July 2016.
- 14) New and Renewable Energy Technologies for Mobility and Stationary Power Applications organised by Department of Automobile Engineering during 17-23 July 2016.
- 15) Soft computing techniques for Engineering Research organised by Department of Information Technology during 18-24 July 2016.
- 16) Synthesis and characterization of nonmaterial's for energy environment and health organised by Department of Electronics & Communication Engineering during 20-23 July 2016.
- 17) Big Data Analytics organised by Department of Information Technology during 25-27 July 2016.
- 18) Multiscale modelling and simulation of nanoelectronic devices A research perspective organised by Department of Electronics & Communication Engineering during 25-31 July 2016.
- 19) Internet of Things for Emerging Engineering Applications organised by Department of Information Technology during 28-30 July 2016.
- 20) Vibration Measurement, Analysis and Control organised by Department of Mechanical Engineering during 31.07.2016 to 06.08.2016.
- 21) Research Perspectives of Signal Processing organised by Department of Electronics & Communication Engineering during 5-11 Aug 2016.
- 22) Rapid Development of Enterprise Applications organised by Department of Information Technology during 6-7 Aug 2016.
- 23) Robotics & Automation Engineering organised by Department of Robotics & Automation Engineering during 18-19 Aug 2016.
- 24) Open Source Technologies organised by Department of Information Technology during 22-28 Aug 2016.
- 25) Research Challenges in Network security organised by Department of Information Technology during 22-28 Aug 2016.
- 26) Fluid Power Automation organised by Department of Mechanical Engineering during 28.08.2016 to 03.09.2016.
- 27) Zig Bee & Wifi Technologies for IoT organised by Department of Computer science and Engineering 29.08.2016 to 02.9.2016.
- 28) Hadoop and Cloud Computing during 6-12 September 2016 organised by Department of Information Technology 6-12 Sep 2016.
- 29) Smart Measurements and Embedded Debug Platforms organised by Department of Electronics & Communication Engineering during 7-9 Sep 2016.
- 30) Relay networks for Next Generation Wireless Standards organised by Department of Electronics & Communication Engineering during 8-10 Sep 2016.

45. The following 19 Workshops were conducted in our institution and 669 Faculty members were benefitted.

- 1) Workshop on Mobile Application Development for Health Care organised by Department of Biomedical Engineering during 23-28 May 2016.
- 2) Workshop on Smart Structures and Systems organised by Department of Instrumentation & Control Systems Engineering on 28.05.2016.
- 3) Workshop on "Wireless sensor network research perspective" organised by Department of Computer Science & Engineering during 24-25 June 2016.
- 4) Workshop Sustainable structural concrete organised by Department of Civil Engineering on 08.07.2016.
- 5) Workshop on Digital Image Processing using SCILAB organised by Department of Biomedical Engineering during 24-25 June 2016.
- 6) Workshop on Robotics organised by Department of Robotics & Automation Engineering during 22.06.2016.
- 7) Workshop on Flow Measurement Techniques for Wind Tunnel organised by Department of Robotics & Automation Engineering 7-8 July 2016.
- 8) Workshop on Computer aided woven fabric design development organised by Department of Fashion Technology during 8-9 July 2016
- 9) Hands on Training on Biomedical Equipment Technology organised by Department of Biomedical Engineering during 18-20 July 2016.
- 10) Computerised machine embroidery organised by Department of Fashion Technology during 25-27 July 2016.
- 11) An Industrial Approach to Electromagnetic Compatibility organised by Department of Electronics & Communication Engineering during 28-30 July 2016.
- 12) Workshop on "Bioenergy-Challenges and Opportunities organised by Department of Biotechnology on 12.08.2016.
- 13) Learning Experimenting Group Activity and Organizing organised by Biomedical Engineering during 26-27 Aug 2016.
- 14) System Identification organised by Department of Instrumentation & Control Engineering during 27-28 Aug 2016.
- 15) Machine learning and its application to contemporary Engineering research" organised by Department of Computer Science & Engineering during 8-10 Sep 2016.
- 16) Workshop on Statistical Learning organised by Department of Information Technology on 10.09.2016
- 17) Workshop on Research Writing in engineering organised by Department of English on 27.08.2016.
- 18) Workshop on "Electric Hybrid System" organised by Department of Automobile Engineering on 29.09.2016.
- 19) Workshop on Industrial Research & Consultancy organised by Department of ETC on 22.10.2016.

46. The following 3 Staff Development Programme were conducted in our institution and 114 Staff members were benefitted.

- 1) "Psychology and Team Work" organised by Department of Humanities at Annakatti on 25.06.2016.
- 2) Exposure to Virtual Instruments organised by Department of Instruments & Control Systems during 29-30 July 2016.
- 3) Attitude and Personality Development at Anikatti organised by Department of Humanities on 27th August 2016.

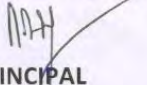
47. The following 32 One Credit course was conducted by our institution and 2024 Students were benefitted.

- 1) "Virtualization (12IK01)" offered by department of Information Technology during 18-19 June 2016
- 2) "Solar PV Systems - Design, Simulation, an monitoring and control (15EF11)" offered by department of Electrical and Electronics Engineering during 25 June & 9 July 2016.
- 3) "Portfolio Preparation and Presentation (12HK21)" offered by department of Fashion Technology during 2-3 July 2016.
- 4) "Next Generation IP Networks (12IK05)" offered by department of Information Technology during 8-9 July 2016.
- 5) "Enterprise resource planning in Apparel Industry (12HK08)" offered by department of Fashion Technology during 8-9 July 2016.
- 6) "Chemical processing (12TK18)" offered by department of Textile Technology during 17.07.2016 & 06.08.2016.
- 7) "Software Quality and Automated Testing (12IK08)" offered by department of Information Technology during 23-24 July 2016.
- 8) "Software Quality and Automated Testing (12IK08)" offered by department of Information Technology during 30-31 July 2016.
- 9) "Needle punched nonwovens and their characterization (12TK20)" offered by department of Textile Technology during 23 July & 20 Aug 2016.
- 10) "Power Quality in Industries (15EK07 & 12EK14)" offered by department of Electrical and Electronics Engineering during 23 July & 20 August 2016.
- 11) "Patents & Copyrights (12BK13)" offered by department of Biotechnology during 27-31 July 2016.
- 12) "Corrosion of Metals and Alloys: Industrial Preliminaries (12YK04)" offered by department of Metallurgical engineering during 29-31 July 2016.
- 13) "Internet of Things for Healthcare (12DK25)" offered by department of Biomedical Engineering during 30-31 Jul 2016.
- 14) "Insurance & Risk management (120K05)" offered by department of Humanities during 30-31 Jul 2016.
- 15) "Export - Import management (120K06)" offered by department of Humanities during 30-31 Jul 2016.
- 16) "Calibration Techniques (12UK09)" offered by department of Instrument & Control System Engineering during 6-7 August 2016.
- 17) "Design of Database Query Compiler (12ZK09)" offered by department of Computer science and Engineering during 6 & 27 Aug 2016
- 18) "Application of DSP in Biomedical Engineering (12DK03)" offered by department of Biomedical Engineering during 10-11 Aug 2016.
- 19) "Industrial Drives for Automation (15RF08)" offered by department of Robotics & Automation Engineering during 11-12 Aug 2016.
- 20) "Multi-core Technology (12IK11)" offered by department of Information Technology during 13-14 August 2016.
- 21) "Fabric & apparel testing: quality and performance standards (12HK22)" offered by department of Fashion Technology during 13 & 27 Aug 2016.
- 22) "Principles of Business Analytics (120K14/ 150F21)" offered by department of Mathematics during 20-21 August 2016.
- 23) "Human Computer Interface (12IK03)" offered by department of Information Technology during 27-28 Aug 2016.

- 24) "Advanced industrial automation systems (12UK02)" offered by department of Instrument & Control System Engineering during 27-28 Aug 2016.
 - 25) "Android Application Development (12IK06)" offered by department of Information Technology during 17-18 Sep 2016.
 - 26) "Operating Systems Performance - Workload Considerations, Testing & Measurement (12ZK04)" offered by department of Computer Science & Engineering during 17-18 Sep 2016.
 - 27) "Aerospace Avionics (12LK29)" offered by department of Electronics & Communication Engineering during 24-25 Sep 2016.
 - 28) "Aerospace Avionics (12LK29)" offered by department of Electronics & Communication Engineering during 1-2 Oct 2016.
 - 29) "Challenges in implementation of Lean Manufacturing (12MK04/15MK04)" offered by department of Mechanical Engineering during 25 Sep & 2 Oct 2016.
 - 30) "Design for Castings (12YK08)" offered by department of Metallurgical engineering during 17, 24 and 25 September 2016.
 - 31) "Sketching for designers (12AK06/15AF05)" offered by department of Automobile Engineering during 19.09.2016-23.09.2016.
 - 32) "Non Destructive testing of Aircraft structures (12PK14)" offered by department of Production Engineering during 7-15 Oct 2016.
48. The following 3 Industry/Institute visited by 4 Faculty members as a part of Academic Networking with industry.
- 1) To Visit BNT Innovation global private limited, Chennai to enhance Industrial training and placement strengthening with the department of Fashion Technology Faculty and students during 25-28 July 2016".
 - 2) To visit IIT Chennai, M/s. RANE NSK & IGCAR, Chennai to enhance academic networks and Industrial training with the department of Mechanical Engineering on 21.07.2016.
 - 3) To visit M/s. Arvind Exports, H&M Bangalore to enhance academic networking with the industry with the department of Fashion Technology during 6-10 Sep 2016.
49. The following 40 Industry Institute Interaction/Student workshops were conducted and 2576 students were benefitted.
- 1) Student Workshop on e-commerce opportunities in apparel and fashion domain organised by department of Fashion Technology on 30.07.2016.
 - 2) I-I-I workshop for I year B.E/B.Tech Information Technology Students organised by department of Information Technology during 11-13 July 2016.
 - 3) Workshop on "Biomedical Signal Processing" organised by department of Biomedical Engineering during 4-6 July 2016.
 - 4) I-I-I workshop for I year B.E Production Engineering (Reg & SW) organised by department of Production Engineering during 11-13 July 2016.
 - 5) I-I-I workshop for I year B.E Mechanical Engineering (Reg & SW) organised by department of Mechanical Engineering during 11-13 July 2016.
 - 6) I-I-I workshop for I year B.Tech Textile Technology organised by department of Textile Technology during 11-13 July 2016.
 - 7) I-I-I workshop for I year B.Tech Bio-Technology organised by department of Biotechnology during 11-13 July 2016.
 - 8) I-I-I Workshop for I year B.E ECE Students organised by department of Electronics and Communication Engineering during 11-13 July 2016.

- 9) I-I-I Workshop for 1 year B.E CSE Students organised by department of Computer Science and Engineering during 11-13 July 2016.
- 10) I-I-I Workshop for 1 year B.E ICE Students organised by department of Instrumentation and Communication Engineering during 11-13 July 2016.
- 11) I-I-I Workshop for 1 year B.Tech Fashion Technology organised by department of Fashion Technology during 11-13 July 2016.
- 12) I-I-I Programme for First Year B.E RAE Students organised by department of Robotic and Automation Engineering during 11-13 July 2016.
- 13) I-I-I Programme for First Year B.E BME Students organised by department of Biomedical Engineering during 11-13 July 2016.
- 14) I-I-I Programme for First Year B.E Metallurgical Students organised by department of Metallurgical Engineering during 11-13 July 2016.
- 15) I-I-I Programme for 1st Yr BE Automobile students organised by department of Automobile Engineering during 11-13 July 2016.
- 16) I-I-I Programme for 1st Yr BE EEE & EEE SW students organised by department of Electrical and Electronics Engineering during 11-13 July 2016.
- 17) Two days workshop on "Current Research methodologies for water treatment" organised by department of Chemistry during 18-19 July 2016.
- 18) Student's workshop for 1st Yr "Keep believing yourself - Key for success" organised by department of Mathematics on 30.07.2016.
- 19) I-I-I Programme for 1st Yr BE Civil students organised by department of Civil Engineering during 11-13 July 2016.
- 20) Workshop on Industrial fabric sourcing for brands and current developments organised by department of Fashion Technology on 20.07.2016.
- 21) Student Workshop on LabVIEW for Control Applications organised by department of Instrumentation and Control Systems Engineering during 12-13 August 2016.
- 22) Student workshop on Embedded Robotics for Pre-final year Robotics & Engineering Students organised by Robotics & Automation Engineering on 13.08.2016.
- 23) Two day Industry Institute Interaction workshop on "Product Lifecycle Management PLM, Internet of Things (IoT) and Virtual Reality for the second year Manufacturing Engineering, Product Design and Commerce and Virtual Prototyping and Digital Manufacturing Students of Production Engineering Production Engineering organised by department of Production Engineering during 26-27 August 2016.
- 24) Two days workshop on "Awareness on Radio Chemistry" organised by department of Chemistry during 29th & 30th Aug 2016.
- 25) I-I-I programme for 1st Year PG students of I&CE organised by department of Instrumentation and Control Systems Engineering on 01.09.2016.
- 26) I-I-I programme for 1st Year PG students of Production Engineering organised by department of Production Engineering during 2, 9, 12, 16 Sep 2016.
- 27) Special Lecture on Biomechanics - a career prospective organised by department of Biomedical Engineering on 6.09.2016 (11.00-12:30).
- 28) Workshop on Image Guided Therapies organised by BMEA (Biomedical Engineering Association) on 15.09.2016.
- 29) One day workshop on Fashion Photography organised by department of Fashion Technology on 19.09.2016.

- 30) I-I Workshop on Machine Learning & Data Analytics in M.E- CSE & M.E - SE orientation programme organised by department of Computer Science and Engineering during 22.08.2016 & 24.09.2016.
 - 31) Training program on students Training in the apparel methods engineering software Pro SMV organised by department of Fashion Technology during 17-19 Oct 2016.
 - 32) I-I Workshop for 1 year M.E Communication Systems & Wireless Communication organized by Department of Electronics & Communication Engineering on 23.09.2016.
 - 33) Workshop for 3rd year B.Tech - IT students through Information Technology Association on Java Programming organised by department of Information technology on 24.09.2016.
 - 34) Workshop for 2nd year B.Tech - IT students through Information Technology Association on Java Programming on 01.10.2016.
 - 35) Three day workshop Advanced industrial automation training in collaboration with INDWELL Automation organised by Instrumentation & Control Systems Engineering during 14-16 Oct 2016.
 - 36) Industry Institute Interaction Programme on Applications of Optics in Industrial Metrology organised by department of Production Engineering on 01.10.2016.
 - 37) One day Industry Institute Interaction Workshop for second & third year B.Tech Textile Students organised by department of Textile Technology on 01.10.2016.
 - 38) One day Student Workshop in the core area of metallurgy namely Thermodynamics of materials and its applications organised by department of Metallurgical Engineering on 8.10.2016.
 - 39) I-I-I programme for 1st year M.Tech Nanoscience & Technology organised by department of Electronics and Communication Engineering on 15.10.2016
 - 40) I-I-I programme for 1st year M.E Biometrics & Cyber Security and M.Tech Information Technology organised by department of Information Technology during 23-24 Sep 2016.
50. 8 Remedial class and 32 supplementary coaching classes were conducted for the UG students; 216 & 522 students respectively attended them.
51. The following 8 Soft skill Development training programmes were conducted to improve the placement of the students and 914 students were benefitted.
- 1) Finishing school on Industrial Engineering Practices and Costing in Textile Industry for Final year B.Tech Textile Technology organised by department of textile technology on 2.07.2016
 - 2) Spoken English Classes for final year B.Tech FT for Placement purpose organised by department of Fashion Technology during 1st July 2016.
 - 3) Soft Skill Training for Final year B.Tech Textile Technology students organised by department of Textile Technology during July 12- 4th August 2016.
 - 4) Two day workshop on Textile Designing using CAD Software for placement purpose organised by department of Textile Technology during 29 & 30 July 2016.
 - 5) Three days Soft Skill Development Workshop for the B.E/B.Tech Final year student's organised by Placement Section during 24-26 May 2016.
 - 6) Three days Soft Skill Development Workshop for the B.E/B.Tech Final year student's organised by Placement Section during 1-3 June 2016.
 - 7) Three days Soft Skill Development Workshop for the B.E/B.Tech Final year student's organised by Placement Section during 5-7 June 2016.
 - 8) Three days Soft Skill Development Workshop for the B.E/B.Tech Final year student's organised by Placement Section during 9-11 June 2016.


PRINCIPAL
 Member Secretary

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