JSS Mahavidyapeeta
Sri Jayachamarajendra College Of Engineering, Mysore-570 006

(An autonomous institution affiliated to Visvesvaraya Technological University, Belgaum)

TEQIP News Letter

Technical Education Quality Improvement Programme
(TEQIP)
of Government of India

Volume 4, April- August 2013

About SJCE

Sri Jayachamarajendra College of Engineering (SJCE), located in Mysore, India, is an autonomous institute approved by the university Grant Commission, Government of India, affiliated to the Visvesvaraya Technological University, Belgaum and accredited by National Board of Accreditation. SJCE was started in the year 1963. It comes under the aegis of JSS Mahavidyapeeta, which is the primary institution of many such institutions. The college offers UG courses in 12 disciplines, PG courses in 18 disciplines and M.Sc. Engineering by Research and Ph.D. Programmes in all disciplines. SJCE features nationally recognized faculty who teach 26 academic programs (including MCA & MBA) at under graduate and post graduate levels in emerging disciplines, participate in vital scientific research, using modern facilities and technologies with focus and preparing technological leaders for the futures. The institution reputation for academic excellence in professionally oriented programmes, attract students across the country and world. The faculty of SJCE is noted for their distinguished background, research and the personal attention they offer to students.

As one the leading institutes in India, SJCE has been recognized under the Technical Education Quality Improvement Programme (TEQIP), which is a World Bank assisted scheme.

About TEQIP

The ministry of Human Resource Development, Government of India has a Technical Education Quality Improvement Programme (TEQIP) to improve the Quality of Technical Education in the Engineering Institutions across the country during 10th Plan. TEQIP is funded by the World Bank through Central government and also state government. SJCE identified as lead institution under the first phase of TEQIP, topped the list of 15 engineering colleges in the state. SJCE is now also selected under subcomponent 1.2 of Phase 2 which focuses on scaling up postgraduate education and demand driven R&D and innovation. SJCE has always been a leader and is committed to fulfill the set goals.

Activities of TEQIP Phase II Programme at SJCE

- **3rd April 2013:** First batch of sealed tenders for procurement were opened.

- **4th April 2013:** Scrutiny and verification of financial documents of TEQIP Phase- 2 program was made at SPFU office, Bangalore. Dr. S.K. Prasad, Dr, Manoj Kumar, Dr. Anil Kumar K.M Mr. Nagasundar and Mr Babu Rao went for the same.

- **4th April 2013:** SPFU organized a review meeting of TEQIP institution along with Professor Digraskar. The meeting was attended by Dr. S.K. Prasad and Dr. N. Haraprasad.

- **13th April 2012:** Interaction with industry personnel regarding curriculum development for courses in Bio Technology.

- **17th April 2013:** Second batch of sealed tenders for procurement were opened

- **18th April 2013:** Dr. N.C. Shivaprakash, mentor for our institution contacted a meeting with TEQIP core team , HODs and faculty Members.

- **29th April 2013:** Dr. G.M Shashidhar attended MSME and Techpedia in meeting convened by higher education secretary at Higher Education Council, Bangalore.

- **11th May 2013:** Third batch of sealed tenders for procurement were opened.

- **20th May 2013:** BOG Meeting held at board room, SJCE, Mysore.

- **25th May 2013:** Sealed quotations of equipments were opened.

- **27th May 2013:** Meeting regarding M.Tech Assistantship.

- **6th June 2013:** Purchase committee Meeting.
- **10th June 2013:** Meeting regarding M.Tech students document verification.
- **10th & 11th June 2013:** GRSM association auditors visited the college and verified the TEQIP account.
- **25th June 2013:** Visit to SPFU office to attend meeting of Principal's and TEQIP Coordinators agenda-discussion on fund utilization by TEQIP institutions.

- **03 July 2013:** Visit to SPFU office by Dr. N Haraprasad & Sri Manoj Kumar to discuss about procurement.

- **06 July 2013:** Principal convened meeting with department coordinators in regard to procurement activities.
- **07 July 2013**: Mr Chandramohan, SPFU visited SJCE to enquire about progress of TEQIP activities.
- **10th July 2013:** Principal convened meeting with department coordinators in regard to procurement activities.
- **31st July 2013:** Financial progress review meeting.
- **6th July 2013:** Dr. B.G. Sangameshwara and Dr. Anil Kumar K.M visited SPFU, Bangalore for approval of campus network design and guidelines related to campus network project.

National & International Workshops/Conferences/ Symposiums conducted by SJCE

- **26th - 27th April 2013:** STEEL CON - 2 days ACCE National Seminar on Steel Structures was conducted by Dept. of Civil Engineering. Dr. Raviraj was the coordinator of the program.

- **15th and 16th May 2013:** Two day workshop on Recent Advances in Machine Learning was conducted by Dept. of IS. Dr. B.S. Harish was the coordinator of the workshop.

- **9th and 10th May 2013:** International Symposium on High Speed Rail was conducted by Dept. of Mechanical Engineering. Dr. K.V. A, Balaji was the coordinator of the program.

- **10th to 21st June 2013:** Two week workshop on servicing & calibration of advanced electronic instruments learning was conducted by Dept. of E&C. Dr. C.R. Venugopal and Dr. Renukappa were the coordinators of the workshop.

- **11th July 2013:** One day research talk on Recent Trends in Clustering Approaches, By Fransisco De A T. De Carvalho was conducted by Department of IS& E. Dr. B.S. Mahananda was coordinator of the program.

- **20th July 2013:** One Day Workshop on identifying weak students was conducted by Dept. of CTM. Dr. Harish B S and Mr. Rajendra Prasad were the coordinators of the program.

- **22nd-25th August 2013:** 2nd International Conference on Advances in Computing, Communications and Informatics (ICACCI-2013) was conducted by circuit branches (MCA, CS, IS, IT and E&C). Dr. B.G. Sangameshwara was the organizing chair and Dr. V.N Manjunath Aradhya was the organizing secretary.

- **22nd-25th August 2013:** 2nd International Symposium on Intelligent Informatics (ISI-2013) was conducted by circuit branches (MCA, CS, IS, IT and E&C). Dr. B.G. Sangameshwara was the organizing chair and Dr. V.N Manjunath Aradhya was the organizing secretary.

- **22nd-25th August 2013:** 2nd International Symposium on Security in Computing and Communications (SSCC-2013) was conducted by circuit branches (MCA, CS, IS, IT and E&C). Dr. B.G. Sangameshwara was the organizing chair and Dr. V.N Manjunath Aradhya was the organizing secretary.

- **22nd-25th August 2013:** 2nd Student Research Symposium (SRS 2013) was conducted by circuit branches (MCA, CS, IS, IT and E&C). Dr. B.G. Sangameshwara was the organizing chair and Dr. V.N Manjunath Aradhya was the organizing secretary.

- **24th – 25th August 2013:** Two Day workshop on Faculty Development Workshop: Examination and Evaluation & Academic Auditing and Quality Assurance in association with NTS India, CII Mysore. Dr.K.S. Lokesh was the coordinator of the workshop.

- **30th -31st August 2013:** Two Day Workshop on Polymer Composites by Dept. of Polymer Science & Technology. Dr. G.S.Anathapadadmanabha was the coordinator of the workshop.

- **31st August – 1st September 2013:** Two Day workshop on Faculty Development Workshop: Examination and Evaluation & Academic Auditing and Quality Assurance in association with NTS India, CII Mysore. Dr.K.S. Lokesh was the coordinator of the workshop.

- **2nd -3rd September 2013:** Two Day workshop on International workshop on Construction Technology Management & Building Services was conducted by Dept. of CTM. Mr. H N Rajendra Prasad was coordinator of the workshop.

Total of 14 International/ National Conferences/Symposiums/Workshops was held.

Faculty Training & Development Programs

- **15th April 2013:** Use of Free software to build and maintain software Infrastructure. Venue PES College of Engg, Mandya, attended by C.V. Vinodkumar. Dept of IS&E.

- **15th to 17th April 2013:** Natural language Processing and Speech Recognition Venue - RVCE, Bangalore, attended by P. Mahesha, Dept. of CS & E.

- **16th April 2013:** Use of Free software to build and Maintain software Infrastructure. Venue - PES College of Engg, Mandya, attended by R. Phaneendra kumar. Dept of IS&E.

- **30th June 2013:** Protection and Testing of Electrical Installation. Venue - NIT, Mysore, attended by Sri Aprameyaswarup.B, Dept. of E&EE.

- **30th June 2013:** Protection and Testing of Electrical Installation. Venue - NIT, Mysore, attended by Ms. Neethi. M, Dept. of E&EE.

- **30th June 2013:** Wavelets and its applications on signals and image. Venue - JSS ATE, Bangalore, attended by Mrs. Vani H.Y. Dept. of IS.

- **30th June 2013:** Maintenance & Servicing of Laboratory. Venue – Bijapur, attended by Sri. Lakshmiprasad R.S,   Dept. of IT

More than 7 members attended various faculty development programs conducted at various locations across the state.

National & International Conferences attended by faculty members

- **4th and 5th April 2013:** Title - IT India Educator's conference Venue - Nimhans convention Centre, Bangalore, attended by R.S Ananda Murthy, Associate Professor, Dept. of E& EE.

- **12th & 13th April 2013:** Title - New Horizons in civil Engg, Venue - Manipal Institute of Technology, Manipal, attended by M.P Pradeep, Assistant Professor, Dept. of Civil Engg.

- **15th to 18th May 2013:** Title - FSDS- Macro -2013 Organizers, Venue - IIS, Bangalore, attended by Dr. Shashidhara G.M, HOD, Dept. of PST.

> **Total of 3 national and international conferences attended/papers presented by the college**

TEQIP-II assistantship for M.Tech students

Batch : 2011-13

- Namratha S Hegde (4JC11BBT03) Branch - Bio Technology.
- Allapuram Reddy Keerthi (4JC11SSE01) Branch - Software Engineering
- Supriya D.S (4JC11PST07) Branch - Polymer Science and Technology
- Kavya. S (4JC11EVH03) Branch - Health Science & Water Engineering
- Kavya T (4JC11CEE06) Branch - Environmental Engineering
- Preethi J (4JC11EE11) Branch - Environmental Engineering
- Vasudha Ranjan (4JV11CEE17) Branch - Environmental Engineering
- Taufique Ahmed (4JC11SCE15) Branch - Computer Engineering
- Rachna H.B (4JC11LBI09) Branch - Bio Medical Signal Processing & Instrumentation
- Sushma Patil (4JC11LN119) Branch - Networking and Internet Engineering
- Vinutha .D (4JC11LIE16) Branch - Industrial Electronics
- Sandesh K.S (4JC11EEM19) Branch - Energy Systems and Management
- Bopanna A.R (4JC11MEM01) Branch - Master of Engineering Management
- Kumarswamy. C (4JC11MEM07) Branch - Master of Engineering Management.
- Naveenkumar B.K (4JC11MMT07) Branch - Maintenance Engineering.
- Madhusudhan G. Kalibhat (4JC11CIS06) Branch - Industrial Structures
- Sujay Deshponde (4JC11CIS15) Branch - Industrial Structures

> **Number of students selected with assistantship of Rs.8000/- per month for batch 2011-13: 17**

Batch: 2012-14

- Yashaswini B.M,   USN **:** 4JC12BBT12, Branch : Bio Technology.
- Pallavi Rani Rai, USN : 4JC12BBT08, Branch : Bio Technology.
- Mamatha B, USN : 4JC12BBT07, Branch : Bio Technology.
- Aparna B, USN : 4JC12BBT01, Branch : Bio Technology.
- Mithilesh M, USN : 4JC12SSE06, Branch : Software Engineering.
- Sangeetha H.S, USN : 4JC12SSE11, Branch : Software Engineering.
- Sowmyashree. K, USN : 4JC12PST06, Branch : Polymer Science & Engineering
- Pratheek K.S, USN : 4JC12PST02, Branch : Polymer Science & Engineering
- Syeda Suman Fathima, USN : 4JC12PST07, Branch : Polymer Science & Engineering.
- Prathibha K.N, USN : 4JC12PST03, Branch : Polymer Science & Engineering.
- Sindhu B.S, USN : 4JC12EVH11, Branch : Health Science & Water Engineering.
- Kavya. S, USN : 4JC12EVH04, Branch : Health Science & Water Engineering.
- Amrutha M.B, USN : 4JC12EVH01, Branch : Health Science & Water Engineering.
- Ranjini T.H, USN : 4JC12CEE11, Branch : Environmental Engineering.
- Shravya M. Babu, USN : 4JC12CEE16, Branch : Environmental Engineering.
- Sujith. S, USN : 4JC12CEE17, Branch : Environmental Engineering.
- Komala D, USN : 4JC12CEE05, Branch : Environmental Engineering.
- Kiranakumara B.M, USN : 4JC12SCE07, Branch : Computer Engineering.
- Mohammed Sinan Marikattay, USN : 4JC12SCE10, Branch : Computer Engineering.
- Pannaga P Kowshik, USN : 4JC12LBI13, Branch : Biomedical Signal Processing and Instrumentation.
- Gireesh H.M, USN: 4JC12LBI03, Branch: Biomedical Signal Processing and Instrumentation.
- Maheshwari B, USN : 4JC12LBI08, Branch : Biomedical Signal Processing and Instrumentation.
- Tejaswini H.V, USN : 4JC12LB17, Branch : Biomedical Signal Processing and Instrumentation.
- Abhishek. R, USN : 4JC12LNI01, Branch : Networking And Internet Engineering.
- Sonthosh M, USN : 4JC12LNI19, Branch : Networking And Internet Engineering.

- Madivalappa Biradar, USN : 4JC12LNI13, Branch : Networking And Internet Engineering.
- Dhanya. M, USN : 4JC12LNI09, Branch : Networking And Internet Engineering.
- Chandrika M, USN: 4JC12LIE03, Branch: Industrial Electronics.
- Tejash. H, USN: 4JC12LIE14, Branch: Industrial Electronics.
- Rizma Sulthana, USN: 4JC12LIE09, Branch: Industrial Electronics.
- Yashwanth M.N, USN: 4JC12EEM15, Branch: Energy Systems and Management.
- Abhijith, USN : 4JC12EEM01, Branch : Energy Systems and Management.
- Divyashree B.P, USN : 4JC12EEM08, Branch : Energy Systems and Management.
- Gangadhar B.K, USN : 4JC12EEM09, Branch : Energy Systems and Management.
- Ashwini A.C, USN: 4JC12MEM01, Branch: Master Of Engineering Management.
- Bhavana U, USN: 4JC12MEM02, Branch: Master Of Engineering Management.
- Nithya Chandrashekar, USN: 4JC12MEM09, Branch: Master Of Engineering Management.
- Lavnya. J, USN: 4JC12MEM08, Branch: Master Of Engineering Management.
- Pradeep S, USN: 4JC12MMT11, Branch: Maintenance Engineering.
- Shivaranjan Rai K, USN: 4JC12MMT14, Branch: Maintenance Engineering.
- Shreyas S. Swamy, USN: 4JC12MMT15, Branch: Maintenance Engineering.
- Supreeth M.S, USN: 4JC12MMT17, Branch: Maintenance Engineering.
- Manjunath Koshti, USN: 4JC12CIS06, Branch: Industrial Structures.

Number of students selected with assistantship of Rs.8000/- per month for batch 2012-14: 43

Industry Institute Partnership

The college interacts with the business and industries across every aspect of Engineering. The industries and business establishments are involved in partnership with our college. A few of them include CISCO, Mind tree, TCS, Infosys, Wipro , HP, Analog devices, Philips, Bosch Rexroth, PACE, CPHEEO, GRASIM, MOEF, ZP, MCC, MUDA, JK Tyres, Rane (Madras), MYPOL, Deccan Chronicle etc. These organizations are supportive in development of curriculum, offering research projects, consultancy etc., and a few of them

like CISCO, HP, Analog Devices, Xilinx, Bosch Rexorth, Philips, Nokia Schneider Electric etc., have set up labs in the campus.

In the current academic year:

1. Philips installed street LED lights numbering 20 in the college campus. This is a pilot project first of its kind in India, by the Philips Innovation Ltd, Bangalore. It is completely DC distributed power, driven by batteries charged by the Solar panel. It saves power up to 30% of normal A C utilization. Solar Cell, Battery and Control freely donated by Philips. Also, Philips extended the MoU for another three years from 2013.

2. IBM has signed a MoU with SJCE, Mysore in the area of Big-Data Analytic and Health Care. $5000 has been sanctioned as seed money to carry out the research. CS&E, IS&E and ECE depts are involved in the above research filed.

3. BOSCH has promised to set up "Multimedia CAR" Lab. in the SJCE, Mysore. M/s Bosch is also rendering their technical assistance in the development of curriculum of M.Tech in Automotive Electronics. M/s Delphi, M/s GM, M/s Toyota have expressed their willingness to assist in establishing the Lab in Automotive Electronics.

◆ Placement & Training.

The Placement and Training center of our institution is headed by a deputy director. The center organizes various training programs, like mock interviews, personality development courses, seminars, group discussions, invited talks and road shows of prospective employers. This will help student to achieve success in the placement.

Campus selection for the 2014 batch has commenced from 1st August 2013 and in the first phase, Top companies like CISCO, BROADCOM, SCNEIDER ELECTRIC, SUCCESS FACTORS, DELPHI, EARNST & YOUNG have confirmed their participation, and many more are yet to confirm their dates for participation in the campus selection process. Mass recruits like TCS, WIPRO and IBM have confirmed their participation but the date of their visit is being finalized.

Currently, 10 companies have visited the college for conducting campus recruitments. The total number of students placed in Circuit Branches is 100. Students placed in Non-Circuit branches is 5. Total number of UG Students placed is 105. Highest salary offered is Rs 16 lakh per annum and average salary of the selected students being Rs 5.00 lakh per annum.

Number of companies visited: 10
Total offers: (B.E / MCA & M-TECH):   105

◆ Internship Recruitment for M.TECH.

Internship Recruitment: M.Tech students are eligible to pursue internship for duration of one year in the industry starting from July to July. Internship stipend paid by these companies range from Rs. 15,000 to 30,000 Per Month. Based on the performance of the student in the internship the students will be absorbed and offered full time employment option by the end of their internship period.

This year companies like AVAYA, BOSCH, BROADCOM, EMC, H.P R &D, IBM-ISL, INFENEON, INTEL, IXIA, LSI, NETAPP, PHILLIPS, UNISYS and VERISIGN. INFENEON offered a maximum of 11 internships to PG students.

M.Tech internship offers: 55

Image Gallery

INAUGURAL FUNCTION OF INTERNATIONAL SYMPOSIUM ON HIGH SPEED RAIL

A SECTION OF DELEGATES AT TWO DAY WORKSHOP ON RECENT ADVANCES IN MACHINE LEARNING

INAUGURAL FUNCTION OF A TWO WEEK WORKSHOP ON SERVICING & CALIBRATION OF ADVANCED ELECTRONIC INSTRUMENTS LEARNING

INAUGURAL FUNCTION OF ONE DAY WORKSHOP ON IDENTIFYING WEAK STUDENTS

INAUGURAL FUNCTION OF INTERNATIONAL CONFERENCE ON ADVANCES IN COMPUTING, COMMUNICATIONS AND INFORMATICS

INAUGURAL FUNCTION OF A TWO DAY WORKSHOP ON POLYMER COMPOSITES

INAUGURAL FUNCTION OF A TWO DAY WORKSHOP ON CONSTRUCTION TECHNOLOGY MANAGEMENT & BUILDING SERVICES