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 2, 2011-12

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

- **1st April 2011**: State TEQIP officers from SPFU, Bangalore visited SJCE and scrutinized the record.

- **24th June 2011**: MOU signing between GOK and SJCE. Higher Education Minister Acharya, Principal sectary Mrs. Latha krishna Rao from GOK and Dr. B. G. Sangameshwara and B. R. Umakanth Chief executive (Project) of JSSMVP from SJCE signed MOU.

- **3rd & 4th August 2011**: Dr. S.K. Prasad & Dr. P. Nanjundaswamy were deputed for training on PMSS @ UVCE, Bangalore.

- **26th August 2011**: Password and Id No. to the Director / Principal, Nodal Officer and Procurement Coordinator of each TEQIP funded institution were given by NPIU for accessing procurement management software and a dead line for submission of procurement plan for the entire period of TEQIP Phase II was mentioned (20-09-2011).

- **16th September 2011**: Procurement plan was prepared by each department. Plan for procurement of equipment, furniture, refurbishment and services for 10 departments offering PG programs 2 new laboratories proposed, library and institution (general) was prepared with several consultations, modifications and revisions.

- **17th September 2011**: The first meeting of newly formed BOG was held. Procurement plan prepared by input from different departments was approved. Further permission was granted to hold activities under FDP (Training and Workshop), R&D, I-I-I and student scholarships (M.Tech & PhD).

- **29th September 2011**: TEQIP Coordinators started entering the data of prepared plan in to the software in consultation with individual department. The required entries were name of the procurement, detailed specification, estimated cost, type of bidding, estimated date of bidding etc., dead line was extended up to 30-09-2011. The plan was submitted on 29/09/2011, one day before the dead line.

- **21st October 2011**: Procurement Plan submitted was scrutinized by SPFU and a review committee from SPFU visited SJCE and suggested a few modifications. Basically, generic equipment such as computers, laptops, multimedia projectors, printers etc and those which are not directly relevant to research were asked to be avoided. SPFU officials felt that SJCE plan is matured and organized.

- **4th November 2011:** Revised Procurement plan was resubmitted.

- **5th November 2011:** SPFU has approved the plan and forwarded to NPIU for further action.

Technical Papers published /presented in the National and International Journals/Conferences by the college

Technical papers Published in the International journals: 76

Technical papers Published in the National journals: 4

Technical papers Published in the International conferences: 49

Technical papers Published in the National conferences: 63

R&D projects Sanctioned from the various Government Agencies: 3

Text Books Published: 8

Ph.D. Thesis Guidance:

    Guided: 7

    Guiding: 19

Number of the technical Papers published /Presented in the National and International Journals/Conferences by the college: 227.

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, Texas Instruments Bangalore, M/s Philips and M/s Forus established a Medical Electronics Lab in the ECE Dept. Most of the Hardware is donated by Texas Instruments. Philips has given the necessary Software. Projects are offered by Forus on Digital ECG, Digital Pulse Oximetry and Digital Stethoscope for UG/PG students.

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. In the current year, 78 companies visited the college for conducting campus recruitments. The total number of students placed in Circuit Branches is 573. Students placed in Non- Circuit branches is 260. Total number of UG Students placed is 833. Total number of PG students placed is 68. This year, highest salary offered is Rs 9.4 lakh per annum and average salary of the selected students being Rs 5 lakh per annum.

Number of companies visited: 78
Total offers (B.E / MCA & M-TECH): 900

◆ Internship Recruitment for M.TECH

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 ALCATEL, ALCATEL-Chennai, EMC, INTEL, LSI, NET APP, PHILLIPS, UNISYS, VALLYSPEAK and VERISIGN visited the college to offer internships. INTEL offered a maximum of 14 internships to PG students.

M.Tech internship offers: 39

External workshops attended by SJCE Staff

- **3rd and 4th August 2011:** Two day workshop on Procurement Management software was organized at UVCE, Bangalore by NPIU / SPFU in which Nodal Officers and Procurement Coordinators of all TEQIP institutions of Karnataka were requested to participate. From SJCE, Dr. S. K. Prasad and Dr. P. Nanjundaswamy attended the training program.

- **30th September 2011:** Dr. B. G. Sangameshwara, Principal, attended one day workshop on Pilot Orientation Programme for Governors at Hotel Atria, Bangalore.