Certificate of Achievement

Ed-vantage **PLATINUM LEVEL**   ■ Microsoft

Certificate of Achievement

This is to certify that

T John Group of Institutions

has successfully qualified for PLATINUM level recognition under the Microsoft Ed-vantage Program for the period 18/4/2013 to 17/4/2014.

This certificate is awarded as a recognition of true spirit and leadership demonstrated.

Sanket Akerkar
Managing Director
Microsoft Corporation India Private Limited

UNIVERSITY COURSES OFFERED

T. John College (Affiliated to Bangalore University)

- Bachelor of Business Management **(BBM)**
- Bachelor of Hotel Management **(BHM)**
- Bachelor of Computer Application **(BCA)**
- Bachelor of Science in Fashion and Apparel Design **(B.Sc. FAD)**
- Bachelor of Science in **Bio-Chemistry / Genetics / Bio-Technology**
- Bachelor of Arts in **Journalism, Psychology & English**

- Master of Business Administration **(MBA)**
- Master of Computer Application **(MCA)**
- Master of Science in Bio-Technology **M.Sc. (BT)**
- Master of Science in Bio-Chemistry **M.Sc. (BC)**
- Master of Science in Organic-Chemistry **M.Sc. (OC)**

T. John Institute of Technology (Affiliated to VTU)

- B.E. Computer Science **(CS)**
- B.E. Information Science **(IS)**
- B.E. Electronics & Communications **(E & C)**
- B.E. Mechanical **(Mech)**
- B.E. **(Civil)**

- Master of Business Administration **(MBA)**
- Master of Computer Applications **(MCA)**
- Master of Technology **(M.Tech)**
- **Ph.D.**

T. John College of Nursing (Affiliated to RGHUS, INC & KNC)

- Bachelor of Science in Nursing **(B.Sc. Nursing)**
- Post Basic B.Sc. Nursing **(P.B.B.Sc. Nursing)**

- Master of Science in Nursing **(M.Sc. Nursing)**
- Diploma in General Nursing **(GNM)**

T. John College of Pharmacy (Affiliated to RGHUS & PCI)

- Bachelor of Pharmacy **(B.Pharm)**

- Master of Pharmacy **(M.Pharm)**
- Doctor of Pharmacy **(Pharm.D.)**

T. John Institute of Management and Science (Affiliated to Bangalore University)

- Bachelor of Business Management **(BBM)**
- Bachelor of Commerce **(B.Com)**

- Master of Business Administration **(MBA)**
- **PGDM (AICTE Approved)**

T. John Business School

- **MBA** from **Bharathidasan University**

*Conditions apply.

Designed by JELITTA

T. JOHN
GROUP OF INSTITUTIONS

No. 86/1, Gottigere, Bannerghatta Road, Bangalore – 560 083, Karnataka, India.
Phone No.: 080 - 28429126, 40250555, 49030555, Fax No.: 080-28429126
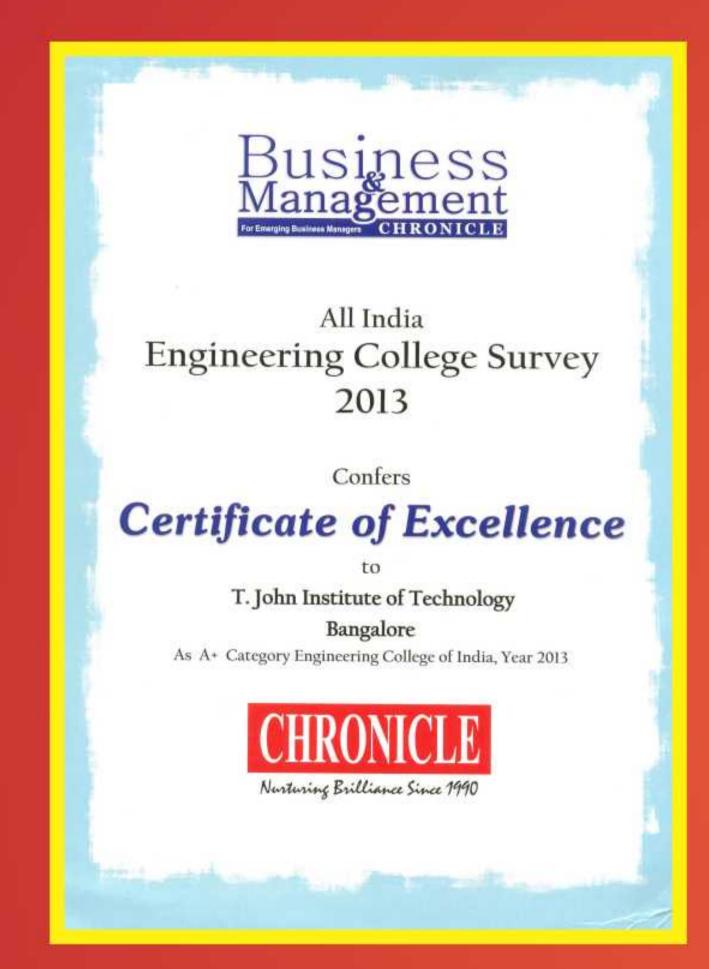Website: www.tjohnit.com, Email: tjitprincipal@tjohncollege.com

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T. JOHN
INSTITUTE OF TECHNOLOGY
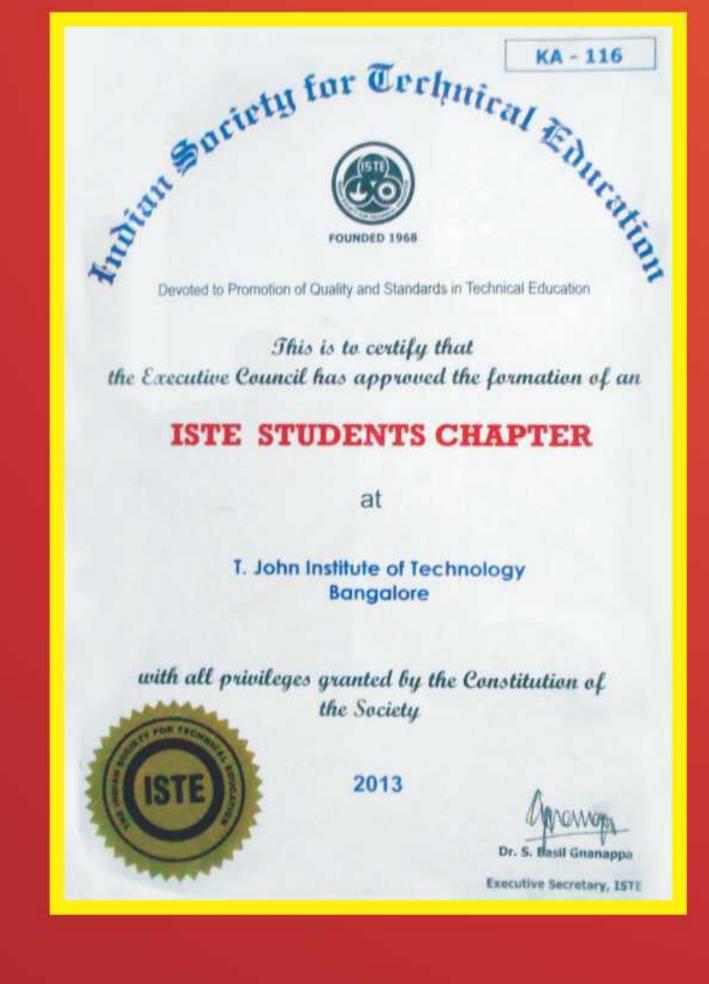
T. JOHN INSTITUTE OF TECHNOLOGY

**Approved by AICTE, New Delhi, Affiliated to VTU, Belgaum and Recognized by Govt. of Karnataka
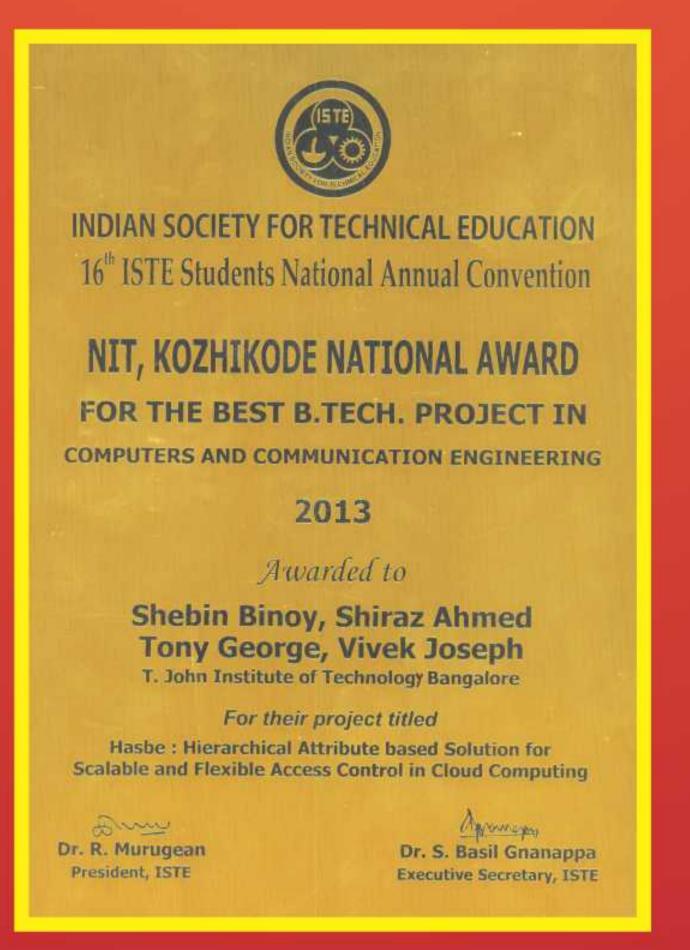An ISO 9001:2008 Certified Institute**

For making the winning edge for your future

Business Management CHRONICLE
All India Engineering College Survey 2013
Confers **Certificate of Excellence** to
T. John Institute of Technology Bangalore
As A+ Category Engineering College of India, Year 2013
CHRONICLE
Nurturing Brilliance Since 1990

Certificate
TIME RESEARCH
INDIA EDUCATION EXCELLENCE AWARDS 2013
T. JOHN INSTITUTE OF TECHNOLOGY (BANGALORE)
For Achieving
"BEST ENGINEERING INSTITUTE WITH EXCELLENT FACULTY & PEDAGOGY IN KARNATAKA"
P. K. Chaudhary — Vice President   B. Chinari — Director

INNOVATIVE PROJECT AWARD
Engineering Students **Project Expo-2013**
INDIA'S FIRST CAMPUS SHOW
Date : 22nd 23rd June 2013, Bangalore
ORGANISED BY
GLOBALS RESEARCH INNOVATION & DEVELOPMENT
IN ASSOCIATION WITH
T. JOHN INSTITUTE OF TECHNOLOGY

KA - 116
Indian Society for Technical Education
FOUNDED 1968
Devoted to Promotion of Quality and Standards in Technical Education
This is to certify that the Executive Council has approved the formation of an
ISTE STUDENTS CHAPTER at
T. John Institute of Technology Bangalore
with all privileges granted by the Constitution of the Society
ISTE 2013
Dr. S. Basil Gnanappa, Executive Secretary, ISTE

INDIAN SOCIETY FOR TECHNICAL EDUCATION
16th ISTE Students National Annual Convention
NIT, KOZHIKODE NATIONAL AWARD
FOR THE BEST B.TECH. PROJECT IN COMPUTERS AND COMMUNICATION ENGINEERING
2013
Awarded to
Shebin Binoy, Shiraz Ahmed Tony George, Vivek Joseph
T. John Institute of Technology Bangalore
For their project titled
Hasbe : Hierarchical Attribute based Solution for Scalable and Flexible Access Control in Cloud Computing
Dr. R. Murugesan, President, ISTE   Dr. S. Basil Gnanappa, Executive Secretary, ISTE

INDIAN SOCIETY FOR TECHNICAL EDUCATION
43rd ISTE National Annual Convention
CERTIFICATE OF ACHIEVEMENT
2013
Awarded to
A.S. Anandaswamy
Assistant Professor, Dept. of ECE
T. John Institute of Technology, Bangalore
Dr. R. Murugesan, President, ISTE   Dr. S. Basil Gnanappa, Executive Secretary, ISTE

Quality Education with a Global Perspective

Come to T. John Institute of Technology, Bangalore for giving your future the winning edge

INFORMATION BROCHURE
2013-2014

T. John Institute of Technology (TJIT) was established in 2006 with the objective to develop technocrats who would involve in research, design and development to help building nation. The college is run by T. John Group of Institutions (TJGI) which was established in 1993. From its humble beginnings, this academic entity has come a long way, and there's been no looking back. Currently, the Group has seven Institutions, including T. John Institute of Technology. Cosmopolitan and secular in ethos and philosophy, T. John Group of Institutions attracts students from all over India and its neighboring countries.

This college is an ISO 9001:2008 certified pioneer institute of Engineering in the State of Karnataka duly approved by All India Council for Technical Education (AICTE), New Delhi and recognized by the Government of Karnataka. The college is affiliated to Visvesvaraya Technological University (VTU), Belgaum and offers Bachelor of Engineering (B.E) courses in six disciplines, five Master of Technology (M.Tech.) courses, Master of Business Administration (MBA), Master of Computer Applications (MCA) and five Research Centers which under take candidates for Ph.D. degree.

The College is situated at Gottigere (adjacent to NICE Road), about, 12 Kms. from Bangalore Bus Stand on Bannerghatta National Park highway. The college campus is well planned with lush green lawns, pollution free environment; spread over area of 25 acres.

The Campus is fully facilitated with spacious, well ventilated lecture and tutorial halls, well equipped workshops and Hi-tech laboratories with latest equipments to provide students a practical exposure to industrial environment. In addition, Internet & Wi-Fi system, round the clock power backup, hygienic cafeteria, health care center, centralized library, seminar halls and well furnished auditorium are also available. The college boasts of a large fleet of buses to provide transportation facility to and from various points in Bangalore city.

Vision

To achieve excellence in delivering quality education of global standards, coupled with innovative practices using advanced technology and expertise, transforming the student community into potential global leaders with accountability to meet the societal, national and dynamic global challenges.

Mission

♦ To create and nurture a learning and knowledge based environment, conducive to the pursuit of quality education which would transform a socially responsible generation to act on their professional values and beliefs.

♦ To bring about their overall personality development, fostering a caring and creative environment that emphasizes physical, social and intellectual development.

♦ To instill a sense of understanding, remarkable resilience and enduring adaptation to a diverse, competitive and dynamic Society.

Quality Policy

Merit and dedication along with professional commitment, integrity and ethics, continuous improvement in quality of academic inputs. Inculcate secular and human values in all walks of life with a caption **"WE CARE, WE TEACH, and WE LEARN".**

Objectives

♦ To give proper career guidance and help students for achieving clear career goals.

♦ To train the students and help them in their social, cultural, curricular as well as intellectual development.

♦ To provide them a platform to integrate and enable to interact with each other.

♦ To provide them with a platform to exhibit their interest and project their talent in society.

♦ To give information and assistance regarding higher studies in India and abroad.

♦ To place students in reputed companies in India and abroad.

♦ Last but not the least to ingrain and inculcate in them human values and virtues.

COURSES OFFERED

B.E. (Bachelor of Engineering)

- Computer Science & Engineering (CSE)
- Electronics & Communication Engineering (ECE)
- Mechanical Engineering (ME)
- Information Science & Engineering (ISE)
- Telecommunication Engineering (TE)
- Civil Engineering (CE)

M.Tech. (Master of Technology)

- VLSI Design & Embedded System
- Digital Communication & Networking
- Computer Science & Engineering
- Computer Network Engineering
- Machine Design

MBA (Master of Business Administration)
MCA (Master of Computer Applications)
Ph.D. (Doctor of Philosophy) Under VTU

- Computer Science & Engineering (CSE)
- Mathematics
- Electronics & Comm. Engineering (ECE)
- Chemistry
- Master of Business Administration (MBA)

ELIGIBILITY CRITERIA

Under Graduate Programme

Minimum requirements for admission to Bachelor of Engineering (BE) in any stream are as per VTU norms.   A Student seeking admission should have passed 10+2 standard (equivalent to PUC, Karnataka) securing an aggregate of 45% (40% aggregate for SC/ST candidates) with Physics & Mathematics as compulsory subjects, along with Chemistry, Biotechnology, Computer Science, Biology or Electronics as the third subject.

Post Graduate Programme (M.Tech.)

Any degree with 50% aggregate (45% for SC/ST candidates) from a recognized university and should have qualified GATE, PGCET.

Master of Business Administration (MBA)

Any degree with 50% aggregate (45% for SC/ST candidates) from a recognized university and should have taken CMAT.

Master of Computer Applications (MCA)

Any degree with an aggregate of 50% aggregate (45% for SC/ST candidates) with Mathematics/ Statistics/ Computer Applications at degree level.

Departments:

1. Computer Science and Engineering [CSE]

The Department of Computer Science and Engineering is enriched with well qualified faculties dedicated to bring out best in students. The fully air conditioned Computer laboratories equipped with high speed internet and web application facilities accessible on LAN to give an experience of latest software, technical tools used in IT industry. There are both Windows and Linux systems that are equipped with software like Oracle, Eclipse, Visual Studio, Microsoft Campus License etc.

The department has all the essential hardware, which is required to impart computer education to budding engineers at their degree level as per VTU norms. The department has more than 11 laboratories fully equipped with 450 latest Pentium IV/Core 2 duo processer based computers, networking using HP blade PC server and Zeon server as well as with sufficient number of peripherals. The latest technological equipments like Scanners, Printers, CD writers, DVD writers and LCD Projectors are also available.

The spacious fully air conditioned ultra modern computer centre has a large number of computers with latest configuration & round the clock internet facility of bandwidth 1 Gbps through leased line from Airtel. Students can also access internet through Wi-Fi technology.

An MOU has been signed with Microsoft (Platinum) for training the students (at least 250 every year) so that the students can get Microsoft certification for better placements.

2. Electronics and Communication Engineering [ECE]

Electronics & Communication Engineering is a swiftly advancing field, with new ideas emerging every other second. From mobile phones to fiber optics and remote sensing, there are exciting avenues to explore and create. With the advent of microelectronics, mobile communication, computing and networking the world has virtually become global village. The department aims to provide state of the art technology education to the students and is manned by experienced faculty.

The laboratories are well equipped with most sophisticated instruments like CROs, amplifiers, digital multi meters, microwave test benches, PCB designing equipments & training kits that help students to translate their theory classroom learning into practical engineering.

Telecommunications landscape is changing rapidly and currently undergoing tremendous growth. From ordering a pizza to the high tech radar on a jet, we see telecommunications making wonders. The convergence of the computer and telecommunication technology promises innovative products and services that will revolutionize life and work. With leaps and bounds in technology, telecommunications has been acknowledged as a vital ingredient of economic growth.

The Department has signed MOUs with FICE – Intel Intelligent Systems Lab, Global Technologies (GRID), Karnataka German Technical Training Institute (KGTTI) to enhance the quality of education and to create broader employable opportunity to the students with certain objectives. The Institutes intend to train around 150 students in this academic year for students of UG & PG Program.

3. Mechanical Engineering [ME]

The foremost objective of the department is to provide technical skills demanded by today's engineering professionals by providing a sound technical platform. Mechanical engineers require a solid understanding of key concepts including Mechanics, Kinematics, Thermodynamics, Automobile and Manufacturing. The department provides various laboratories & workshops having all important machines viz. universal testing machine, impact test machine, Brinell cum Rockwell hardness testing machine, models of various Boilers, 2 stroke & 4 stroke engine test Rigs, fluid machines etc for providing skilled training to students.

The department has well developed workshops in more than 1200 Sq. Mts. area having well equipped Machine Shop, Fitting Shop, Carpentry Shop, Welding & Sheet Metal Shop to develop manufacturing skills among the students.

4. Information Science and Engineering [ISE]

The Department of Information Science & Engineering takes pride in being abreast with the latest requirements of the industry and the changing technological environments. The course emphasizes both on hardware and software fields with prominence on the software sector. The students work on developing computer components and computer system specifications, designing and building products and circuit prototypes and testing and assembling hardware for specific functions. They also use their programming skills to analyse and design programs. Other than the main project, the syllabus includes various seminars and mini projects.

Telecommunication Engineering [TE]

Telecommunications landscape is changing rapidly and currently undergoing tremendous growth. From ordering a pizza to the high tech radar on a jet, we see telecommunications making wonders. The convergence of the computer and telecommunication technology promises innovative products and services that will revolutionize life and work. With leaps and bounds in technology, telecommunications has been acknowledged as a vital ingredient of economic growth.

5. Civil Engineering [CV]

Civil Engineering is the mother of all engineering branches and deals with design and construction of Roads, Buildings, Dams etc. Civil department has fully fledged laboratories, highly qualified faculty, advanced equipments, testing machines and professional software.

The academic activities of the Department emphasizes deep understanding of fundamental principles, development of creative ability to handle the challenges of Civil Engineering, and the analytical ability to solve problems which are interdisciplinary in nature. The Department also encourages its students to engage in extra-curricular and co-curricular activities, essential for development, nurturing of team spirit, and developing organizational skills. The faculty members of the department are involved in high quality research and consultancy activities, and they continue to enjoy academic leadership role in the country.

6. Master of Business Administration [MBA]

A degree in MBA degree is the best option for a person who wants a leadership and managerial role and this degree is recognized worldwide. MBA Programme teaches you the nuances about business techniques, management techniques, leadership skills and all about management. MBA course involves rigorous training, assignments, presentations and reports. We have Extension lectures, seminars and discussions with eminent academicians and industrialists are held regularly. The department also organizes industrial tours to enhance the practical ability of the students.

7. Master of Computer Applications [MCA]

The department emphasizes value based quality education in Computer Application and the curriculum reflects the depth and width of Computer Application where emphasis is laid on practical understanding of technology; and offers three year degree in Master of Computer Applications (MCA). The class rooms are designed with an IT environment and equipped with projectors. The lab consists of state of the art Desktop machines and one electronics lab for Digital designs. There is a separate facility for research scholars.

8. Basic Sciences & Humanities

The Department of Applied Sciences (Physics, Chemistry & Mathematics) and Humanities nurtures first year students to develop solid foundation for studying the core technical subjects. The department boasts of well equipped Physics & Chemistry laboratories having all important equipments so that student can understand and perform all the experiments prescribed in the curriculum.

9. Department of Physical Education

The college has a Department of Physical Education with a well experienced Physical Education Director. The college has an indoor badminton court, lawn Tennis court, a modern basket ball court and a spacious ground with facilities for football, cricket and other outdoor sports. Indoor games like Table Tennis, Carrom and Chess are also available.

Central Digital Library

The institute has well established computerized central library which caters to the need of the students, research scholars and faculty. Library is housed in spacious area with seating capacity of 200 users at a time. The library has a rich collection of more than 16000 books comprising 2789 titles.

The college has subscribed about 5000 e-journals and more than 4500 back files from Delnet, IEEE, ASTM, Springer, IESTC & IMC. The library has subscribed to 50 Journals to help the students and staff to stay updated with the latest developments in the current affairs around the globe. There is vast collection of General Books in the reference section and comprise of books on personality development, and communication skill development.

It has separate section for E-Books, Audio/Video cassettes, CD's, Magazines, Journals and Internet services. Other facilities include Photo Copy facility, Computerized Data base and Flexible timings.

In addition to the college library, each department boasts of a departmental library with discipline-specific books and journals.

Career Guidance and Placement unit

The placement of the students has always been the top priority of all engineering colleges. With a mission of great success, placement cell of T. John Institute of Technology is making all fruitful efforts round the year. College holds on-campus placement drives at regular intervals to provide suitable platform to the students of pre final & final year. Various activities like Guest lectures from renowned personalities of industrial back ground as well as many personality development programmes have been organized by placement cell to improve the overall performance of the students. Top notch companies are also invited to give input in forming the augmented curriculum for the final year students. Keeping in mind the competition, students are regularly monitored for their aptitude and logical reasoning test. They are also prepared for interviews through mock drills.

Career counseling and Facilitation services are one of the key areas of students support at TJIT. The track record in this area has been excellent and 100% placement for all eligible & those who seek assistance has been norm.

Placement cell is coordinated by all the HOD's & department placement coordinators who has a rich experience in the Industry, and has a proven record of industrial liaisoning and achievements in organizing trainings, conducting campus drives & job fests at a large scale. Comprehending the requisites of the Industry, the acumen of the students is nurtured and groomed accordingly.

Placement Procedure

- Invitation sent to company/organization with relevant information.
- Company gives their consent and sends soft copy of all details and PPT (Pre placement talk) material.
- On receipt of consent, the placement office calls students to submit resumes before specified dates.
- Placement team schedules the date for campus interviews as per the convenience.
- After the selection process, the company sends the offer letters to the Principal to hand over to students.
- If a student is selected, a job is registered against him/her and he/she would not be allowed to appear for more interviews as per placement policy.

The following Companies visited the college for placement:

Name of the Company	Type of placement	No. of students placed
Sap Labs	Development	01
Trigent Software	Maintenance & Support	16
Indian Army	Defense	01
Triveni Turbines	Mechanical	01
Microsoft	Development	01
Joshiah Technology	Development	21
Trident Hyundai	Mechanical	23
Unisys	Maintenance & Support	03
L & T Infotech	Development	04
HP	Technical Support	11
OLA Cabs	Management	01
IBM	Maintenance & Support	02
GRID	Development	05
Orignina	Development	02
Enzene Global	Development	02
Menvin Technology	Development	01
Saint Gobain	Management	01
Robert Bosch	Mechanical	01
Tafe Skoda	Management	08
Zycus	Management	02
Total Students Placed (2012-13)		107

Discipline

The Institute maintains a high level of discipline. A student grievance & advisory system exists with a chief staff advisor to coordinate the activities. Each faculty will mentor 16 students. Periodic progress reports will be sent to parents and the progress of students is continuously monitored. Extra tutorial classes will be conducted on every day from 3.30 to 5.00 pm to help the students who are admitted late or poor in performance in their class work. Tests are being conducted regularly and weak students are advised to improve their performance. Continuous interaction and counselling with students,

parents, teachers and management is envisaged. The following are some of the rules maintained for general discipline:

- Students are expected to maintain a very high standard of discipline. "Their conduct should be appreciable at all times, all places and on all occasions".

- The college properties should be handled with maximum care and everything possible should be done to preserve cleanliness and tidiness of buildings, furniture, library and premises.

- Students should not loiter in verandahs or in the campus during the free hours if any.

- Every student shall have his own drawing instruments, accessories and other articles required.

Anti-Ragging Policy

Ragging is strictly banned in the college premises. If anybody found indulged in such kind of activities, strict action will be taken irrespective of the extent. Ragging is banned by Hon'ble Supreme Court of India. In order to prevent such kind of activity in campus, several committees have been formed and brought in to operation even before the start of 1st year classes. Notice that displays the name of the committee members with contact numbers & email Ids can be seen on the college Notice boards and also in the college website which is very active.

Hostel

The institute provides adequate arrangement for the accommodation for Boys and Girls with homely environment conducive for studies. Boys and Girls hostels have capacity of about 250 and 200 students respectively. Each room accommodates two or three students well furnished with furniture, mattress, curtains and study table. Each room is provided with an air-cooler and two ceiling fans. The bathroom is fitted with geysers. Each hostel has two wardens to take care of students round the clock. Various facilities like Wi-Fi internet, TV, Indoor Games, like Carrom, Table Tennis, Magazines and telephone facility are available in the hostel. Other facilities like round the clock vigilant security of the campus, 100% power back-up are available in hostel.

Transportation

The institute has ten college buses that transport students and faculty from various locations in and around the city to college and back. BMTC buses also ply between Bangalore Bus Stand, Market and the College.

Parent-Teacher Association

A parent-teacher-student Association looks into all the activities of the college for the betterment of the facilities and standards. Parents are periodically informed of the academic as well as other status of their wards. As and when required they will be requested to meet the staff for personal discussion and possible improvements.

Cafeteria

The institute's canteen caterer the needs of students and staff. In the canteen, vegetarian and non-vegetarian, hygienic food and refreshments are served at affordable rates. The working of the canteen is strictly monitored to adhere to acceptable standards of hygiene.

ATM Facility

The Union Bank of India has been operating ATM facility inside the college campus. All the students and staff members are utilizing these facilities. Hence, money transactions such as transfer, withdrawal and saving are carried out with ease. Hostel students are also able to use the ATM. Parents can transfer money to their children's account.

Student Welfare

A student's welfare committee provides opportunities, adequate scopes and amenities for all round development of personalities and leadership qualities among the students. Students contribute effectively in various cultural and literary activities like hospitalies, food services, games & sports, and professional societies like NSS, Cultural Club, Alumni Association and students counseling cell under the guidance of coordinators of Student's welfare committee.

Departmental Forms

All the departments have their own Forum/Associations which conduct technical activities like technical talk, technical essay, technical quiz for the students. They also conduct intra and inter college competitions on Robo, Android, MBI apps, Ethical Hacking design contents etc.

ISTE Chapters

The institute has ISTE faculty chapter and ISTE student chapter and conducts various activities under their banner.

Industry – Institute Interaction

IInteraction with industry leaders, practitioners and professionals take several forums at TJIT. Guest Lectures by leading practitioners are arranged on regular basis. Seminars and workshops are conducted regularly for academics and practitioners alike. Apart from that our faculty members are engaged in helping the industry to become more competitive and efficient for industry ready.

Tours & Industrial Visits

Various tours and visits have been organized by the departments to various industries to make the students to interact with manufacturing processes and machines available in these industries. This really helps students to improve their practical knowledge.

List of industries visited are:

Toyota Auto Parts	BHEL	BEML
HAL	NAL	HP
BSNL	HMT	Infosys
Honeywell	TCS	HCL
Jindal Stripes	CMAX	Blue Star
Mother Diary	Hero Honda	Sonata
TVS	Wipro	TAFE
Satyam	Accenture	BEL
IBM	Mphasis	HAL

Cultural Activities

The college provides excellent opportunities for extra curricular activities like debates, quiz and cultural programme to encourage healthy competition and to enhance overall personality of the students. Students will be sent to other colleges to participate in cultural programmes and many have won prizes.

Medical Facility

Medical facility is available for students and staff members. Timely medical checkup facility is provided by the institute.

24×7 security

Professional security guards are allocated round the clock for security purpose both in the campus and in the hostel.

Power Backup

The institute has round the clock power backup having three generators with a total capacity of 298 KVA to ensure uninterrupted power supply in campus as well as in hostel.

Activities and Achievements of 2012-13

▶ **Citation Awards**

- Project proposal entitled "Direct Extrusion Compression moulding of long natural fibre reinforced thermoplastic composites and characterization" submitted to Department of science and technology (DST) Government of India for financial support has been sanctioned to Dr. Shanthkumar GC, Professor & HOD, ME (Principal Investigator) and Prof. Somashekar S, Asst. Professor, ME (Co-Principal Investigator) of the Dept. of Mechanical Engineering. The total cost of project is 68.8 lakhs.

- Students of Mechanical Engineering got two research project (2012-2013) funded Rs. 40,000/- and one research project (2013-14) funded Rs.38000/- by VGST, Govt. of Karnataka under TRIP.

- Departments of Mechanical Engineering and Electronics & Communication Engineering organized one day workshop on "Intellectual Property Rights (IPR)" on 27th May, 2013.

- Department of Mechanical Engineering organized "ROBOZEST'13" which is India's biggest workshop series cum championship in collaboration with Robo-Species Technologies Pvt. Ltd from March 25-26, 2013. 185 delegates attended the workshop. Top 3 groups qualified to attend the ROBOZEST'13 finals to be held in August 2013 at IIT, Guwahati. ISTE has published this event in their May 2013 news letter issue.

- Departments of Mechanical Engineering and Electronics & Communication Engineering organized one day workshop on "Intellectual Property Rights (IPR)" on 27th May, 2013.

- Students of Computer Science & Engg. got 2 KSCST funded projects entitled "Visualization of user's web-browsing behavior from web usage data using mining techniques" and "A generalized reorganization system for hand written character recognition".

- Ms. Anusha P Kamath, Ms. Shruthi, Mr. Mehul, Ms. Chaitra, Ms. Archana,

students of CSE had the opportunity to spend time with Vice President of SAP Labs and CEO Shadowing program being organized by Global Shapers, Karnataka on 27th July, 2012.

- Dept of CSE organized a two day 2nd National Conference "RATE 2013" on Recent Advances in Technology and Engineering on 27th and 28th March 2013. It was aimed at bringing together researchers and experts in various emerging fields of science and technology and also for knowledge enhancement. The conference aimed at covering a broad spectrum of topics, such as wireless systems, mobile computing, cloud and grid computing and artificial intelligence.

- Four Faculty members Prof. (Mrs.) Shilpa, Prof. Satyanarayana, Prof. Kantesh & Prof. Asif Ali of MBA have received cash prize for best papers presentation at International conference on "Challenges of Sustainability and growth in Indian industry" on December 20-21, 2012 held at BMSCE, Bangalore

  • **Times research Award**

  TJIT has been awarded for the outstanding services and contribution to the education sector for "**Best Engineering Institute with Excellent Faculty and Pedagogy in Karnataka**" by Times Research Pvt. Ltd., New Delhi on 10th April, 2013 at Hotel The Ashok, New Delhi.

  • **Deccan Chronicle Award**

  The Chronicle All India Engineering Survey 2013 confers "**Certificate of Excellence**" award to T. John Institute of Technology, Bangalore as A+ Category Engineering College of India, year 2013. Also confers TJIT well acclaimed top 10 colleges for admissions in India to various under graduate courses.

▶ **Extra curricular activities**

- A team consisting of Prof. (Ms.) Kanchana and M.Tech (ECE) students won 1st prize in Dance and Singing and 2nd prize in Fashion Show at Global Cultural Fest organized by Viswha Samskrithi Kendra, Bangalore held at Ravindra Kala Kshetra, Bangalore.

- Talent Search Event "TARANG-13" was conducted on March 14, 2013. It was a colorful and vibrant event aimed at showcasing the hidden talents of the students in sports and extra-curricular activities and also providing them a platform to prove their mettle as able organizers, hosts, coordinators and volunteers. 14 cultural events, 13 technical papers presented and 14 sports events were conducted.

▶ **Sports**

- TJIT student won 3rd Prize in Hammer Throw at VTU athletics Meet held at SIT, Tumkur during 1-4, November 2012.

- TJIT student won 3rd Prize in Wrestling & Judo at VTU athletics Meet held at MVJCE, Bangalore during 14-16, September 2012.

- Management is magnanimous in supporting sports people edge to creating Football Court, Tennis Court and Basket Ball Court in the campus. **Mr. Satish Gowda H K, (MCA V Sem)** of TJIT has secured **Second Place (Silver Medal) in VTU State Level Inter Collegiate Judo (90 category)** and qualified for the quarter finals in **W**restling **Competition (84 Category)** and **Mr. Sooraj K Ram, (BE Civil I Sem) secured Silver Medal for Judo (100 –category)** Competitions held at Indoor Stadium, Koramangala, Bangalore during 7 - 9 October 2013.

  Graduation Day 2013 for outgoing batch of 2013 was held on 16th May, 2013. Chief Guest was Prof. Dr. HG Shekharappa, The Registrar (Evaluation), VTU, Belgaum.

  Alumni Meet 2013 was conducted on 29th June 2013. Around 300 alumni attended and was a productive one.

Dr. APJ Abdul Kalam's interaction with students

Former President of India, a recipient of India's Highest Civilian Award Bharat Ratna Dr. APJ Abdul Kalam visited T. John Group of Institutions on February 20, 2013 for a motivational interactive session with the students of TJGI. A visionary who has donned many a hats in a glittering career of technological and social achievements, Dr. APJ Abdul Kalam floored the students with his talk.

TJIT celebrated the **150th Birth Anniversary of Swami Vivekananda on January 12, 2013.**

A lecture on **"Cyber Security and Ethical Hacking" by Ankit Fadia**, World Famous Hacker, was held on 26th April 2013.

Mechanical department conducted guest lecture on "Taking the suspense out of the suspension system of an automobile" by Sri. Anoop Srinivasan, automotive consultant, was delivered on 27-09-2013. Around 110 students attended the lecture.

Technical quiz for 7th sem students was arranged on 27-08-2013 from the CADD center, BTM layout. Krishan H.G., Arvindraj S., Shwetha V., Manjunathshetty were qualified for 2nd round.

An industrial visit was arranged to "Micromatic machine tools limited" on 24-08-2013. Micromatic machine tools limited is a CNC machine manufacturing plant and by visiting this students got knowledge about CNC machines operation & manufacturing.

NCCIP-13 was held on 7th August, 2013 at TJIT organized by Electronics and Communication department. The program was presided over by Dr.Thomas P.John, Chairman, T.John Group of Institutions. The chief guest of the function was Dr. Phaneendra Yalavarthy, MIG-SERC, IISc Bangalore. 72 Technical papers were presented in four different sessions in ECE & TE Engg. departments.

TechFusion which was held on 25th September 2013 was a huge success with a houseful audience of more than 200 people enjoying various performances which included Indian classical dance, Bollywood - dance, fusion, etc. **Prof. Aravamudhan**, HOD of TCE led this inter college students symposium and made it a grand success. Chief Guest for the function was **Dr. Sira G Rao**, CTO at BPL Telecom.

An expert lecture on Sensors was organized on August 28th 2013 for the students of ECE and TCE. The speaker was Dr. Ashok Bhattacharya. He emphasized on the importance and role of sensors in space applications and the automobile industry. This lecture has proven to be very informative to the students.

The department of ECE/TCE made a historic milestone by inaugurating the Student's association on 23rd Oct 2013 at TJIT Auditorium. In the inaugural function our Honorable Chairman Dr. Thomas P John entered into MOU with companies, INTEL intelligent lab, GRID innovation center and KGTTI training programmes.

Certificate of Appreciation issued by ISTE to Ms. Kavya Mohan, VII sem, TCE Department for her overall best performance during Karnataka state chapter convention.

An expert lecture on Space Craft was organized on 25th October, 2013 for the students of ECE and TCE. The speaker was Dr. N. Sunder Murthy, Director, DRDO. He narrated on Evaluation of communication in aircraft and recent trends in space craft.

The **FOR**um of Computer Engineers [FORCE], a student forum of the Department of Computer Science & Engineering was inaugurated on 3rd May, 2013. Prof. Dr. Rajanikanth K., Former Principal, MSRIT, Bangalore was the chief guest for the occasion.

A Windows 8 App Development Workshop was held in the Department of Computer Science & Engineering on 18th April 2013. The trainer for the session was Ms. Prachi Seth, Director, Trainedge.

As part of the initiative for preparing the students for placement examinations and giving them an insight into higher education opportunities the TIME group held an orientation session and aptitude test on 20th April 2013. The TIME TALENT SEARCH was organized by the Department of Computer Science & Engineering. The aptitude test had both general aptitude and technical aptitude questions.

Dr. S. Padmanabha, Principal, TJIT, Dr. Mahesh, Prof. & HOD (CSE), Dr. Shanthakumar, Prof. & HOD (ME) & Dr. Thippeswamy, Prof. & HOD (Civil) and Prof. Sujith Prasad (ME) attended CONNECT 2013 at La Marvella, Bangalore. The event was organized to announce a tie-up between CADD centre and VTU on 21st September 2013.

Mr. Shebin Binoy, Mr. Shiraz Ahmed, Mr. Tony George & Mr. Vivek Joseph Students of CSE received the **NIT KOZHIKODE NATIONAL AWARD** for Best B.TECH Project in Computer & Communication Engineering for the project entitled "HASBE: Hierarchical Attribute Based Solution for Scalable and Flexible Access Control in Cloud Computing" at 16th ISTE Students National Annual Convocation held at Periyar Maniammai University, Tanjavur, Tamilnadu on 27th September 2013.

Dr. S. Padmanabha, an accomplished engineer with a Ph.D in Faculty of Mechanical Engineering from VTU, Belgaum, has over 25 years of teaching experience behind him. His experience lies in Industrial engineering, Operations Research, leadership, Human Resources Management, Resource Utilization, and Organizational Development. He has published/presented several technical papers of live projects related to his research field.

Dr. S PADMANABHA
ME, Ph.D., MISTE
PRINCIPAL

DR. HR RADHA
M.Sc., Ph.D.
PROFESSOR & HEAD
DEPT OF CHEMISTRY

Dr. HR Radha: Specialized in Corrosion Science of Physical chemistry. She has 16 years of teaching experience and published 8 research papers in reputed National and International Journals.

Dr. G P Prabhukumar a Ph.D from IIT, Madras has served in various capacities for about 44 years out which 8 years as Principal of University BIT College of Engg, Davanagere and 5 years as Principal of AIT, Bangalore. He has served as member of Academic council and senate, Chairman of BOS & BOE of many universities in Karnataka. He is in the expert committee of NBA, New Delhi as Member/Chairman for Accreditation of various institutions coming under AICTE. He has published/presented around 70 technical papers in National & International Journals/Conferences. He has guided 7 research scholars for Ph.D.

Dr. G P PRABHUKUMAR
ME, Ph.D., MISTE, MIE, FIE
DEAN (ACADEMICS)

DR. BALAKRISHNAN
M.Sc., Ph.D.
PROFESSOR & HEAD
DEPT OF PHYSICS

Dr. Balakrishnan: Ph.D. in the field of Bio-Physics. He has 37 years of teaching experience and published around 40 research papers in reputed National and International Journals. He has successfully guided 10 Ph.D and 18 M.Phils in Physics.

Dr. M. Puttaraju: Specialized in VLSI and possesses vast 30 years of teaching experience in the field of Electronics and Communication Engineering. He has published 25 research papers in national and international journals.

Dr. M PUTTARAJU
M.Tech, Ph.D.
PROFESSOR & HOD
DEPT OF ELECTRONICS &
COMMUNICATION ENGG

DR. A M NAGESWARA YOGI
M.Sc., Ph.D.
PROFESSOR & HEAD
DEPT OF MCA

Dr. AM Nageswara Yogi: Specialized in the field of Applied Mathematics. He has served 30 years in DRDO and working in this institution since 2011. He had guided many students for M.Phil and Ph.D and also has published several research papers in national and international journals.

Dr. TR Mahesh: Specialized in data mining in computer engineering. He has 13 years teaching experience and published 17 research papers in reputed national and international journals. He is guiding 3 research scholars for Ph.D.

Dr. T R MAHESH
M.Tech, Ph.D.
PROFESSOR & HOD
DEPT OF COMPUTER
SCIENCE ENGG.

Dr. M T GANESH KUMAR
M.E
PROFESSOR & DEAN - PG
DEPT OF ELECTRONICS &
COMMUNICATION ENGG.

Dr. MT Ganesh Kumar: : Specialized in Digital Communications and has 27 years of experience in the field of Electronics and Communication Engineering. He has published several research papers in national and international journals.

Dr. GC Shanthakumar: Specialized in the field of composite materials. He has 16 years of teaching and 6 years of Industrial experience and published several research papers in national and international journals. He is working on DST funded research project (60 lakhs).

Dr. G C SHANTHAKUMAR
M.Tech., Ph.D.
PROFESSOR & HOD
DEPT OF MECHANICAL ENGG

Dr. P V RAO
M.E, Ph.D.
PROFESSOR
DEPT OF ELECTRONICS &
COMMUNICATION ENGG.

Dr. PV Rao: Specialized in Low Power VLSI Signal Processing. He has 23 years teaching experience and published 10 research papers in reputed international journals. He is guiding 5 research scholars for Ph.D. working under him.

Dr. Ravindranath M: Specialized in Computer Networks and possesses 28 years of teaching experience in the field of Computer Science Engineering. He has published several research papers in national and international journals.

Dr. M RAVINDRANATH
M.E, Ph.D.
PROFESSOR & HOD
DEPT OF INFORMATION
SCIENCE ENGG.

Dr. V N KAMALESH
M.Tech, Ph.D.
PROFESSOR & DEAN
DEPT OF COMPUTER
SCIENCE ENGG.

Dr. V N Kamalesh: Specialized in computer Networks. He has 18 years of Teaching experience and published 22 research papers in International and national journals. He also worked as Director for Karnataka State Open University (KSOU), Mysore.

Dr. H N Thippeswamy: Specialized in the field of Hydraulics and Water resources engineering. He has 20 years of teaching and 10 years of Industrial experience. He has published 5 research papers in reputed National and International Journals. Currently he is also VTU nominated BOE, Dept. of Civil Engineering.

Dr. H N THIPPESWAMY
M.Tech, Ph.D.
PROFESSOR & HOD
DEPT OF CIVIL ENGG.

Dr. R DINESH
M.Sc., M.Tech, Ph.D.
PROFESSOR
DEPT OF COMPUTER
SCIENCE ENGG.

Dr. Dinesh R: His areas of research interest includes Image processing, Pattern Recognition, Computer Vision and Document Image Analysis. He has 8 years of teaching experience and over 50 publications to his credit at both International and National Journals and conferences. **He also has 12 patents to his credit.** He is serving in the editorial board of several journals.

Dr. SR Sudheendra: Ph.D. in the field of Fluid Dynamics. His area of research includes Fluid Dynamics, CFD, Pollution Problems and Graph Theory. He has 18 years of teaching experience and published 21 research papers in reputed national and international journals. He is guiding 10 research scholars for Ph.D. and successfully awarded 28 M.Phils.

Dr S R SUDHEENDRA
M.Sc., Ph.D.
PROFESSOR & HEAD
DEPT OF MATHEMATICS

Dr. M PRABU
M.E, Ph.D.
ASSO. PROFESSOR
DEPT OF COMPUTER
SCIENCE ENGG.

Dr. M Prabu: Specialized in Cryptography and Network Security and has vast 7 years of Teaching experience in Computer Science Engineering. He has published 25 research papers in International and national journals.

Dr. Sirag. G. Rao (Chief Guest) addresses the gathering of
Tarang-13 Techfusion on 25th September, 2013.

Inaugural ceremony of National Conference on
communication and image processing CCIP-13 on 7th August, 2013

The 22nd Chapter Convention on Quality Concepts – 2013 on Sunday the 15th September 2013
in association with QCFI, Bangalore.

Department of ECE/TCE made a historic milestone
by inaugurating the Student's association on 23rd Oct 2013

Certificate of Appreciation issued by ISTE to student of
VII sem Telecommunication Engg. Ms. Kavya Mohan, on 23rd Oct 2013
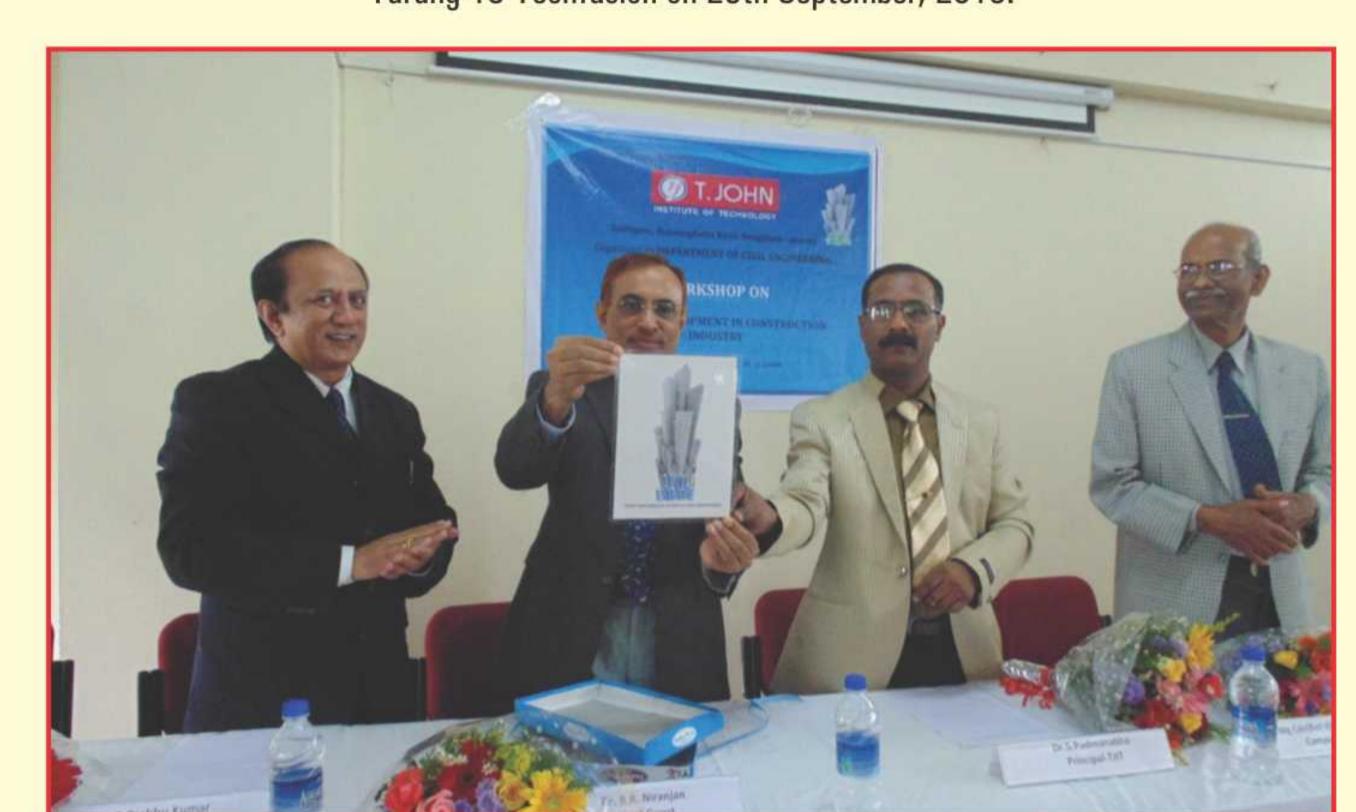
Industry-Institution Interaction has organized Experts Panel discussion for TJIT Students on
14th September 2013

Dr. Sirag. G. Rao (Chief Guest) addresses the gathering of
Tarang-13 Techfusion on 25th September, 2013.

Department of MBA, TJIT organized
Management Fest 'ESPIRIT-2013' during May 21-22, 2013

Ms. Shruthi H.S. VIII sem CSE at "Literati Event"
held at SAP Labs on 27th July 2012 Mr. Pradeep was the Guest at the event.

Inauguration of Forum of Mechanical Engineers.
The logo of forum was been released on 21st March 2013

Inauguration of Departmental association
"CIVIL EMPIRE" on by the Department of Civil Engineering

Two days 2nd National Conference "RATE 2013"
on Recent Advances in Technology and Engineering on 27th and 28th March 2013

ROBOZEST'13 is India's biggest workshop cum championship in collaboration with
Robo-Species Technologies on 25th and 26th of March 2013

Inauguration of Induction Programme for I semester of all the branches conducted on 1st August, 2013

MOU with FICE – Intel Intelligent System Lab on 23.10.2013. This Lab incorporates the latest in embedded technology and seeks to promote experiential learning and innovation

MOU with GRID (Global Research) to give the aspirants an idea of what life at Corporate world is really like through real time projects and internship.

Graduation Day 2013 for outgoing batch of 2013 was held on 16th May, 2013. Chief Guest was Dr. HG Shekharappa, The Registrar (Evaluation), VTU, Belgaum

Inauguration of Departmental association of Information Science & Engineering "ARISE" by Dr. Vinay, IISc on 25th September 2013.

MOU with KGTTI to enhance the quality of education and to create broader employable opportunity to the students with certain objectives and Provide hands-on training to make the students industry ready.

Students of 5th & 7th Sem CSE visited GVK EMRI (Emergency Management Research Institute) Bangalore on 27th September 2013.

Engineering students "Project Expo – 2013" India's First Campus Show conducted in association with GRID during 22nd and 23nd June 2013

JOB FAIR was organized at TJIT on 28/09/2013. 25 companies and around 5000 students attended the placement for 2012 & 2013 batch students

Blood Donation Camp was organized in association with Asha Jeevan Home for the Aged, Rotary Club and Red Cross on the occasion of Teacher's Day (5th Sept, 2013)

"TARANG-13" conducted on March 14, 2013. A colorful and vibrant event aimed at showcasing the hidden talents of the students in sports and extra-curricular activities

Inauguration of PROJECT EXPO 2013 conducted during 22 - 23, June 2013

IMTEX 2014 (23-28th Jan, 2014) International Forming Technology Exhibition. The Dept of Mechanical Engg displayed the R&D work being carried out in the area of composite materials.
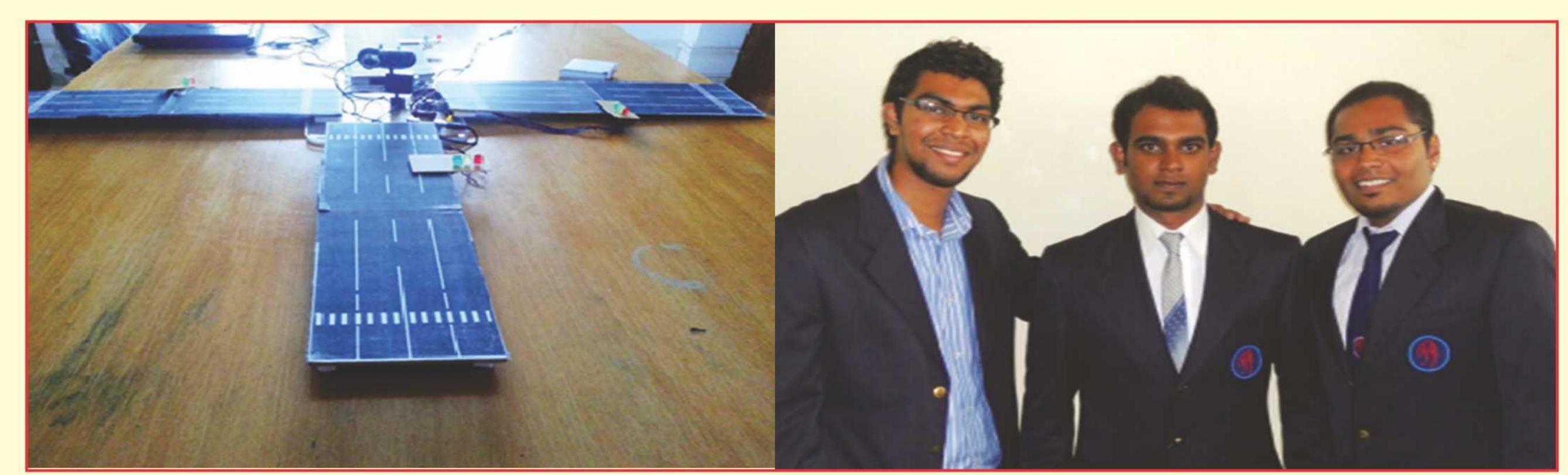
VII ME Students of TJIT exibit their **PROJECT EXPO 2013**
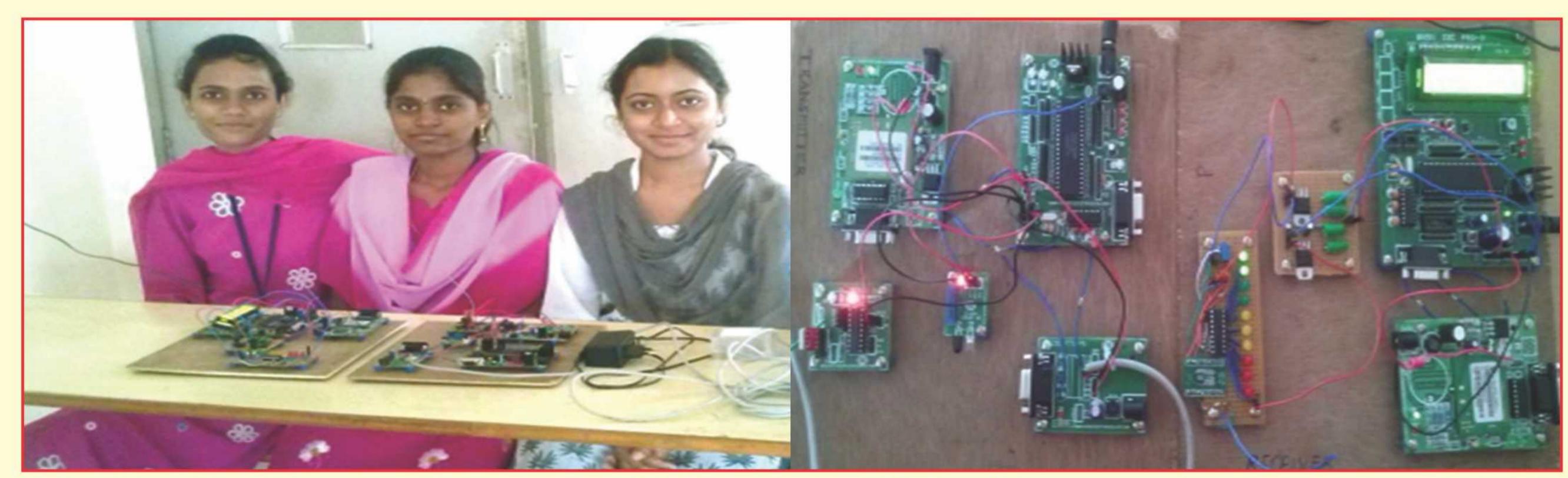conducted during 22 - 23, June 2013

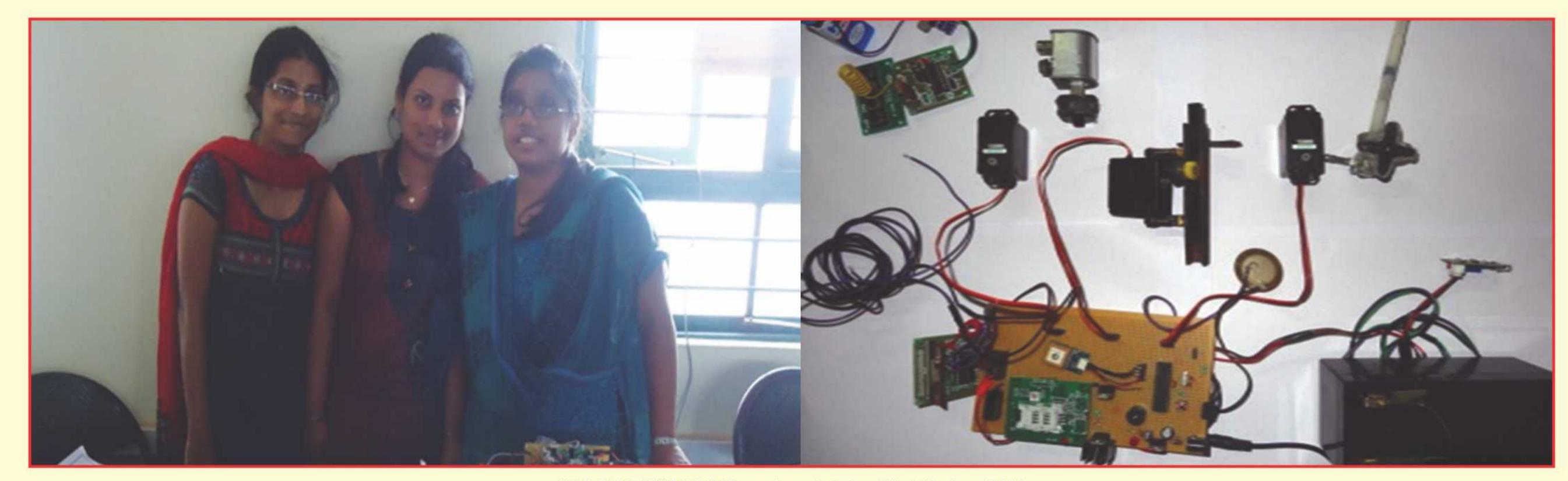**PROJECT EXPO 2013** conducted during
22 - 23, June 2013

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Prashanth Kumar & Team won the First Prize for Best Prject at **PROJECT EXPO 2013**

Students of TJIT exibit their **PROJECT EXPO 2013** conducted during 22 - 23, June 2013

Validectory function of **PROJECT EXPO 2013** conducted during 22 - 23, June 2013

Validectory function of **PROJECT EXPO 2013** conducted during 22 - 23, June 2013

PROJECT EXPO 2013 conducted during 22 - 23, June 2013

Prize distribution of **PROJECT EXPO 2013** conducted during 22 - 23, June 2013