

## COLLABORATIONS WITH INTERNATIONAL UNIVERSITIES

The college has actively pursued collaborations with leading Universities around the world enabling relevant and state of the art research Research-level interactions are being pursued with the universities and institutions listed below.

- Tomsk Polytechnic University, Russia
- University of Malaysia, Pahang
- University of Malta, Malta
- Dongguk University, Korea
- Nanyang Technical University, Singapore
- University of Central Florida, USA

## INDUSTRY INTERACTION AND INDUSTRIAL PROJECTS

CSRC has established good ties with industry enabling training, consultancy and projects specific to Industry requirements. Some of the industries wherein the college has established collaborative research and development activities are listed below:

- Valeo India Pvt. Ltd. – Development of Ultra Low Cost HVAC System
- Aban Biotech Ltd. – Bio-product development from micro-organisms
- Intelligent Chip Connections Ltd, Singapore - Development of Microfluidic Devices
- Super Auto Forge – Machine Vision Systems for Quality Control
- Ilgin Automotives – Fly-Wheel Hot-Press Assembly validation
- Tata Consultancy Services – High Performance Computing Facilities for R & D
- Rameshwar Engineering – Sensors for Industrial Applications
- CGN Research Labs Pvt. Ltd. – Medical Thermography
- Addison & Company Ltd. – Drill Bits Inspection

Several Industrial consultancy and development projects for different automobile and pharmaceutical industries have been taken-up and completed under the Machine-Vision activity

Industry interaction has also enabled faculty and students to better understand current processes and methods used in the industry and there by augment curricular activities. Two noteworthy training centers in the college with industry support and state-of-the-art facilities are:

- BOSCH automotive training lab with equipment and support from BOSCH, that include state-of-the-art fuel injection system, complete current-generation automobile electrical system and engine diagnostic system
- WIPRO-UTLP Unified Technology Learning Platform based on industry embedded systems with support from Wipro under their Mission 1X0 program

These centers have regular short-term training programs conducted through the semester to enlighten and orient students to Industrial development and Implementation methods while exposing them to the latest in engineering and technology.

## SUMMARY

CSRC is committed to expanding research Infrastructure in the college and significantly increase the quantum and quality of research work. Credible research is established through internal monitoring and timely closure of sponsored projects. Interaction and association with eminent technologists in premier institutions, research organizations and industry are being pursued to enhance quality of research and establish relevant research. International collaborative research engagements are also being pursued with institutions in several countries. The College fosters a fertile research environment with state of- the-art facilities and recognizable globally relevant focus.

## STUDENT SERVICES DEPARTMENT

### STUDENT COUNSELING

REC provides full time counseling for students addressing relationship issues, depression, anxiety, behavior disorders and personality problems. Professional guidance by experienced counselors provide multiple approaches to effect change. Therapy includes traditional and alternative techniques from cognitive behavior therapy, study skills training and relaxation training.

### CAREER GUIDANCE CELL

This cell offers resources, guidance and support for students aspiring for higher studies in India and abroad. Information on Universities, programmes, cost of study, cost of living, visa guidance, bank loans, etc. are some of the services provided by the cell.

### CAREER & COMPETITIVE EXAMINATIONS STUDY CENTRE

This centre facilitates the pursuits of students appearing for the career and competitive exams such as GATE, CAT, IELTS, GRE, TOEFL, GMAT, Indian Engineering and Civil Services Examinations. The centre has a good collection of resource materials, practicing kits for the examinations and



**NITHYA SRIRAM**  
Student Counsellor

