

## **Institutional Strategic/Perspective Plan for 2014-15**

### **1. Research and Development Cell:**

The Research & Development (R & D) Cell of MVJCE facilitates and encourages research culture among the faculty and students. Its prime role is to create contacts with the real world and promote research, through a range of publications. It creates a congenial environment for technological development, and monitors the research activities of the college. The R&D Cell takes upon itself the responsibility of creating a work place to attract the best talent, and strives continuously in pooling of skills and internal resources, creating strategies and overcoming limitations, and makes the College rank amongst the best institutions in the world.

### **2. Total Quality Management (TQM):**

The Total Quality Management (TQM) team nominated by the Principal, conducts internal academic audit in all the departments. The TQM team suggests the areas of concern, and based on this, corrective action is initiated by the Management, Principal, and Heads of the Departments.

### **3. Robotics and Industrial Automation Lab:**

This Lab helps to educate the undergraduate and post graduate students of MVJCE in the field of robotics. The students get a technically advanced platform to complete their mini projects as well as final year projects. The lab is well-equipped with all the advanced tools and equipment, to enable students to implement their ideas and bring them to life. In-house training sessions are also provided to interested candidates.

### **4. Indo-Universal collaboration for Engineering Education (IUCEE):**

MVJ College of Engineering, Bangalore, had enrolled in the IUCEE consortium in the year 2015, with an aim to build a solid base for engineering education and research, by strengthening the four pillars of education: Learner-centric teaching, Research excellence, Outcome-based

quality education supported by accreditation, Innovation and entrepreneurship. Since April 2015, MVJCE has been organizing a regional level workshop for students, and a faculty development workshop that includes topics on student-centric learning, in association with IUCEE-SPEED. Our faculty have attended over 200 webinars conducted by IUCEE, which mainly focus on topics relevant to current classroom teaching pedagogy, outcome-based education and objectives, and various trendy software platforms.

#### **5. Industry Institute Partnership Cell (IIPC):**

Industry Institute Partnership Cell provides opportunities for Internship, Field visits, Campus Placements and Projects. Under this cell, MVJCE students have successfully completed projects with ISRO, DRDO, HAL, NAL etc. Consortium of Electronics Industries, Karnataka (CLIK) and MVJCE entered into an MOU for internships and technical collaborations with SMEs, for mutual technical needs. The primary aim of this council is to ensure that the graduating students are 'Industry Ready', by forging a strong interaction with Industries.