

**35 YEARS OF  
EXCELLENCE  
IN ENGINEERING  
EDUCATION**  
ENGINEERING / MBA / MTECH



# 3 and counting!\*

MVJCE ranks high in Bengaluru for its singular dedication to world-class engineering and management education. From being the first (under VTU) to offer Aeronautical Engineering courses, to earning 125 University ranks in the last 10 years alone, we enjoy a solid reputation among the student community, particularly those with a passion for engineering. Today we stand proud among the top 61\*\* engineering colleges in India, top 10\*\*\* engineering colleges in Bengaluru.

\* Positioned 3<sup>rd</sup> in Visvesvaraya Technological University (VTU) for academic performance since the year 2013-14.

\*\* Listed in the Top 61 Engineering Colleges in India for the 7<sup>th</sup> consecutive year.  
(Source: Outlook, June 2011, June 2012, June 2013, June 2014, June 2015, June 2016 & June 2017).

\*\*\* Ranked among the Top 10 Engineering Colleges in Bengaluru.  
(Source: Outlook - 2011, 2012, 2013, 2014, 2015, 2016 & 2017).

## Our Strengths

- A remarkable 35 years of existence and an outstanding pedigree in education-backed by MVJ Group of Institutions, a name synonymous with excellence in academics.
- A focus on holistic development of the student through sports, extracurricular activities and soft skill programmes that enhance self-motivation, creativity, social skills, confidence and character.
- A highly qualified faculty driven by passion and dedication. 100% of our faculty either have a post graduate or a doctoral degree.
- A spirit of research - 8 departments at MVJCE are recognized by Visvesvaraya Technological University (VTU) as Research Centers. We encourage research even among undergraduate students.
- A pro-active environment for progressive learning and a befitting modern infrastructure.
- The drive to raise the bar of academic performance as proven by the growing number of University ranks and the consistent 96% results every year.



## Accreditation, Approvals and Recognition

- Approved by the All India Council for Technical Education (AICTE), New Delhi.
- Permanently affiliated to Visvesvaraya Technological University (VTU), Belgaum.
- Approved by Directorate of Technical Education, Government of Karnataka.
- Accredited by National Board of Accreditation (NBA).

## 8 Undergraduate programmes- a mix of the traditional, contemporary and the futuristic.

**UNDERGRADUATE** (8 Semesters over 4 years)



- BE - Aeronautical Engineering\*
- BE - Civil Engineering
- BE - Chemical Engineering
- BE - Computer Science & Engineering\*
- BE - Electronics & Comm. Engineering\*
- BE - Electrical & Electronics Engineering
- BE - Information Science & Engineering
- BE - Mechanical Engineering\*

\* Accredited by NBA

## 6 Postgraduate programmes that produce high calibre technologists and management brains.

**POSTGRADUATE** (4 Semesters over 2 years)



- MTech - Aeronautical Engineering
- MTech - Computer Science & Engineering
- MTech - Digital Electronics & Comm.
- MTech - Structural Engineering
- MTech - Transportation Engineering
- MBA (Master of Business Administration)



## Academics ++



- Sports holds importance in MVJCE, and is built into the curriculum, we are among the Top 10 in VTU for Sports.
- Our Aero-modelling, Robotics and SAE INDIA clubs promote students' passion for technology.
- Entrepreneur Development Cell, Astronomy Club, UAV Lab, Robotics Lab, Theatre Club, Literary Club to Develop students' interests.
- NSS, Rotract Clubs, SpicMacay and other extracurricular activities.
- Local & National-level cultural & technology festivals like Swayam & VerTechX are held annually.
- Students participate in seminars and conferences on campus as well as outside campus.
- MVJCE has a very active Industry Institution Partnership Cell (IIPC) recognized and sponsored by All India Council for Technical Education (AICTE).
- MVJCE has on campus learning centers in collaboration with companies such as National Instruments, Robolab Technologies and Infosys.
- Strong Research and development with more than 5 patents filed each year
- Collaboration with IIT Bombay and Indo-Universal collaboration for Engineering Education(IUCEE)

## World-class education infrastructure.



Over 5,00,000 sq ft. of well-designed spaces.

- A beautiful 15-acre Wi-fi campus.
- Over 100 large, modern classrooms and about 80 well-equipped labs.
- Over 12,000 sq.ft. of Centres of Excellence - for collaborative research and development work between the college faculty, students and the companies.
- A 1000 seat capacity state-of-the art auditorium.
- 18,000 sq.ft. of a fully computerised, well-stocked Central Library.
- Sophisticated Seminar Rooms with a maximum capacity of 400 seats.
- A full-fledged placement cell with Group Discussion and Interview rooms.

## Thoughtfully planned campus facilities.



Easy access to entertainment avenues, food & retail outfits and major hospitals.

- Comfortable on campus accommodation with all amenities.
- ATM and Banking.
- Canteen and Café.
- Sports & Fitness facilities like cricket/football/basketball fields, indoor sports facilities and an air-conditioned gymnasium.
- A 150-seat internet centre.
- 100 MBPS Wi-Fi campus.
- Medical Centre staffed by a Doctor and a Counselling centre.
- 24x7 security for the campus with CCTV surveillance system.
- Bus service to and from all parts of the city.
- A Multi-Diverse, Multicultural student community.
- Nearest Railway Station (WhiteField)-2KM.
- Distance from Airport - 35km

# Centre of Excellence

## National Instruments - MVJCE

MVJCE collaborated with National Instruments for establishing a Centre of Excellence with a lab on LabVIEW. The lab is used to train and certify MVJCE students on the LabVIEW Platform. Students use this lab to develop projects and conduct research and analysis in collaboration with MVJCE Faculty members. The partnership with National Instruments is beneficial for students from the ECE, EEE, TE and ML departments.

## Robotics and Industrial Automation

MVJCE collaborated with Robolab Technologies Pvt. Ltd and established Robotics and Industrial Automation Research Centre in 2015. Under this centre of excellence, department of ECE conducts Hands-on training and workshops on robotics and automation in different levels.

**L1 training:** Introduction to Robotics using AVR microcontroller family module mainly for first year students which will be conducted in even semester.

**L2 training:** Innovation and Creative training in Robotics based on Arduino mainly for second year students which will be conducted in odd semester.

**L3 training:** Advanced Training Module will be conducted in odd semester of every academic year for the students who are have knowledge in robotics field

**L4 Training:** Final Year project oriented Training Module is guided by Robolab Trainers in completing the projects. These trainings encourage the students towards spending more time in the Robolab and to be a part of it.

## Other Initiatives



## Entrepreneurship Development Cell (EDC)

Entrepreneurship Development Cell plays a vital role in identifying, mentoring and supporting innovative ideas of the students. The Idea Box Platform of EDC receives innovative ideas of the student and shortlisted ideas qualify for corporate mentoring and incubation. Five ideas, Smart Kitchen, Raven, Omnication, Quad Plane Drone and Digital Advertising, were selected for mentoring program and incubation. The prototypes of the ideas and other innovations are displayed at Innovation day and National Level Project Expo. EDC has also been sanctioned for funding from NSTEDB (A DST - EDI Initiative) to conduct a 3-days Entrepreneurship Awareness Camp in our campus.



## IUCEE and MVJCE

Ever since MVJCE entered into a meaningful academic partnership with IUCEE in April 2015 with the support from Dr.Krishna Vedula Executive Director, IUCEE, we had the advantage and support in enhancing the quality of engineering education to our engineering students. Unconstrained by geographic limitations and time, as a proud member of the consortium we had the chance to understand and implement the tested methodologies to make students of MVJ, industry ready at international standards.The faculty and students here experience the advantage of sharing interdisciplinary programs of webinars, conferences and workshops empowering all the participants giving them a world class exposure.

## IEEE STUDENT BRANCH

IEEE Student Branch, MVJCE is registered under the Bangalore Section. It covers Branch Administration, Branch Operations, Membership, Fundraising, Professional Awareness and technical activities for students. The Institute of Electrical & Electronic Engineers (IEEE) is world's largest professional Engineering society. A student branch gives students the opportunity to meet and learn from fellow students as well as faculty members and professionals in the field. Student branch activities offer numerous Educational, Technical and Professional advantages of IEEE.

## TOMORROW'S ENGINEERS CLUB

Tomorrow's Engineers club was incepted on 11<sup>th</sup> March, 2016 under the guidance of Dr. B. N. Suresh Chairman, Governing Council, MVJCE and President, INAE and inaugurated by Dr. K. Kasturirangan, Former Head, ISRO.

The Tomorrow's Engineers club provides opportunities for students to interact with other fellow students from various domain and develop team spirit, leadership and practical skills. The motive of the Club is to make the participants understand an objective of an engineer. An engineer has to think out of the box and apply engineering principles with knowledge in mathematics and basic sciences to solve open ended problems that have societal impact. Many workshops have been conducted regularly since inception



## SPEED [Student Platform for Engineering Education Development]

To provoke engineering students across India to be more involved in improving their learning methods by implementing action plans developed during the SPEED workshops, foster research with interest by using resources, contacts and become a global engineer by being a part of larger student network "SPEED".

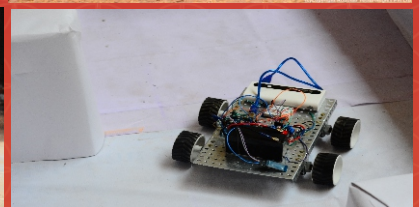
## MVJCE-TINKERING LAB

MVJ College of Engineering, Bangalore, students are encouraged to innovate and discover the joy of creation. This activity is facilitated through establishment of Tinkering Lab. Tinkering Lab is dedicated space in the college campus to explore ideas, experiencing the process of creation of technology from ideation to prototyping. The Lab provides basic machinery, materials, tools and instruments for crafting their imagination. Students across all departments of the college can access the lab at their convenience.



## UAV Lab

The UAV Lab helps the students to learn and understand the design and fabrication of Unmanned Aerial Vehicles. It encompasses the application of Aerodynamics and Stability in a real aircraft model and helps the students to get a hands-on understanding in Aeronautical Engineering. The Club conducts workshops for helping the students in fabricating the model aircrafts. In the UAV Lab, students have created many models of different types via Quad copters, Hex copters and fixed wing aircrafts which are in the UAV lab and are to be modified to improve their performance.





## The Placement Cell: Easing the process of transition to the workplace.



Over 90% placement results every year.

- Helps students to achieve 'employability' through intensive training beginning with the first semester. 200 hours of personality development and soft skills training.
- More than 70 companies from different sectors hire MVJCE students every year.
- Top companies visited for placement TCS, HCL, Wipro, Microsoft, Yahoo, Cisco, Microland, Volvo, SKF, Schneider, VMWare, GE, L&T, Tesco, Nestle, Goodrich Aerospace, Safran Aerospace, Quest Global and Reuters, DELL, IBM, Cap Gemini, Mu Sigma, Taneja Aerospace, SAP Lab, EMC<sup>2</sup>, Nokia Alcatel Lucent, Virtusa-Polaris, Welspun, british paints, mahindra and mahindra, subex, MindTree, HPE, Hpinc, Wissen, Eurofins, Alpha Q, Yodlee..
- Facilitates recruitment activities and other Industry-Institute interactions.
- Salaries start from 3 lac to 18 lac per annum.

## Safe & Disciplined Campus A "ragging" free campus.

The college strictly adheres to the stringent directives of Government of India and UGC to formulate various committees to address student Grievances and feedback. Committees such as anti-ragging committee, Sexual harassment committee ensure that we have a safe & disciplined campus.

## MVJ Group of Institutions:

- MVJ College of Engineering
- MVJ Polytechnic
- MVJ Pre-University College, WhiteField
- MVJ Pre-University College, Banashankari
- MVJ Medical College & Research Hospital
- MVJ Institute of Nursing
- MVJ College of Nursing
- MVJ College of Education
- MVJ International School



### FOLLOW US ON

 <http://www.facebook.com/mvjceofficial>  
 <http://www.youtube.com/mvjce1982>

### MVJ COLLEGE OF ENGINEERING

Near ITPB, Whitefield, Bengaluru-560067

T: +91-80-4299-1000/ 12 Lines

F: +91-80-2845 2443



<http://www.mvjce.edu.in>