

Institutional Strategic/Perspective Plan for 2020-21

1. Faculty training in NEP 2020

MVJ College of Engineering has conducted several workshops for our faculty members in NEP 2020.

2.Introduction of new courses in thrust areas

Two New courses Industrial IOT and Computer Science and Design were introduced from the academic year 2021-22

3.Conduction of Online classes and Labs:

MVJCE has implemented Technology in Education in all the departments to prepare study materials. Contents are also curated from the existing online materials like NPTEL videos. The materials prepared by faculty members are vetted by external experts before it is shared with students through mail, Whatsapp, website. Various online materials, courses and links of certification courses are shared with students.

Preparation of online quizzes/Assignments/Flipped Classes:

Faculty members are conducting online quizzes through Microsoft team. After completing assignments, students submit assignments and clarify their doubts in the class group created for them. Since, the materials prepared are shared with students well in advance, faculty members are able to conduct flipped classes effectively.

Usage of Virtual labs/open source tools:

After the lockdown was enforced, online classes are being conducted for the lab classes. Our faculties are resorting to virtual labs and open source tools/software to the extent possible.

MVJ college of Engineering has become Nodal Centre of Virtual lab of NIT Surathkal. We access Virtual labs through <http://www.vlab.co.in/>.

Recording of Lab experiments:

Experiments which cannot be conducted using Virtual labs, open source tools/software are recorded using video. Faculty created scripts to describe how to conduct the experiments, connect components, operate the machine, and how to execute it. 70 videos are created for various labs of all the programmes and shared with students.

4.Faculty training:

Faculty members are trained to use digital technologies, various platforms available to handle online classes.

5.Nodal team to implement the SoP of CoVID19 during pandemic:

Nodal Team was constituted to implement all the Standard Operating Procedures as per the Government norms.

- Preparation of Sanitizers:
- Precautionary measures as per Government SOP
- RTPCR tests have been organized regularly for all the staff members.
- Vaccination Camp: Vaccination camp was organized on 10th April 2021 for the faculty & staff whose age is 45 years and above. 41 staff members were given vaccination (Covishield).

6. Conduction of Examinations (Offline):

VTU offline semester end examinations were conducted from 25th January 2021 to 6th March 2021 in the campus for V & VII semester students. Nodal officers involved in maintenance of SOP as given by VTU. VTU offline semester end examinations were conducted in the campus for III semester VTU & AUTONOMOUS students from 15th March to 7th April 2021. Nodal officers are involved in maintenance of SOP as given by VTU.

7. Submission of Compliance report to NBA for Four Programmes:

IQAC has taken initiatives to prepare and submit compliance reports to NBA for four Programmes: Aeronautical Engineering, Computer Science and Engineering, Electronics and Communication Engineering and Mechanical Engineering. Based on the compliance report and NBA Peer team inspection visit, NBA accreditation has been extended for another 3 years to all the four programmes (2021-22 to 2023-24).

8. Submission of Compliance report to NBA for Three Programmes:

IQAC has taken initiatives to prepare and submit compliance report to NBA for three UG Programmes: Chemical Engineering, Electrical and Electronics Engineering, Information Science and Engineering. Based on the compliance report, one year extension is provided to all the three programmes (up to 2021-22 academic year).