



An Autonomous Institution
Affiliated to VTU, Belagavi
Approved by AICTE, New Delhi
Recognized by UGC under 2(f) & 12(B)

Institutional Strategic/Perspective plan for 2020-21

SL No.	Activity	Action to be taken
1	Curriculum Design and Development	<ul style="list-style-type: none">• 20 % Experiential learning to be included in all the courses to give hands-on training to students.• During the pandemic, experiments cannot be conducted in the laboratories and hence open source tools/software, simulations, Virtual labs shall be used.
2	Online Learning and Teaching	<ul style="list-style-type: none">• During the pandemic, teaching has to happen in the online mode and hence students and faculty must be familiar with online teaching and learning.• The various online resources and Microsoft Teams shall be used for this purpose.• The various innovative teaching methodologies shall be adopted by faculty to make it more effective.
3	Faculty to be trained for online teaching	<ul style="list-style-type: none">• All faculty must undergo a training program for effective online teaching and learning.

4	Conduction of laboratories (online)	<ul style="list-style-type: none"> • As students and faculty cannot come to campus to conduct experiments during pandemics, virtual labs and open-source tools/simulation software shall be used. • The faculty shall explain the concepts, and working principles and shall use any online videos or recorded videos of the experiments conducted by the faculty to students during online labs • The instructor shall record a video showing all steps: equipment setup, conducting the experiment, recording observations (perhaps using some videos from elsewhere), and drawing conclusions • It is also necessary to record videos showing common errors • Students must answer questions about the error(s) they see in the steps (from the full video and what the next step is (from the partial video) – can be an MCQ • For 2020-21, prioritize the lab which requires hardware setup, chemicals, specimens, etc. Higher priority shall be given to these labs and try it complete it once students come to college.
---	-------------------------------------	---

		<ul style="list-style-type: none"> • Discussion forum (pre & post lecture) can be created. Eg: "Subject: Question on Lecture 2, Slide 7" • Provide links during the lecture to web-forms (e.g., Google) for students to answer simple MCQs. Use score (e.g., > 25%) as a proxy for attendance. Students who are attending class only will be able to answer the quiz. • Show Step 1 on Slide 1, Steps 1 and 2 on Slide 2, etc. so that students can ask questions like "I don't follow Step 3" and all students can understand the discussion that follows • If necessary, instructor can temporarily share his/her screen and use the "laser pointer" to focus attention on relevant parts of the slide • For complex formulas/diagrams: The instructor should take a series of photos as he/she writes down the steps, and insert these as images into the slides
6	Conduction of online Examinations (CIE)	<ul style="list-style-type: none"> • The CIE shall be conducted using Microsoft Teams or using any other third party software developed for examinations. • Faculty must be assigned for Invigilation and students must be monitored through web cameras.


Principal
M.V.J. College of Engineering
Bangalore - 560 067