



B.M.S. COLLEGE OF ENGINEERING, BENGALURU 560 019
Autonomous Institute, Affiliated to VTU

Annual Quality Assurance Report 2020-2021 (AQAR)
Period - 01.06.2020 To 31.05.2021

7.3.1 - Highlight the performance of the institution in an area distinct to its priority and thrust

During the Pandemic, the institute was facing the challenge of keeping the students engaged with theoretical and skill-based learning. As a measure to mitigate this issue, BMSCE devised multiple Digital Intervention initiatives. All faculty geared up for the paradigm shift and switched to Online TLP. Online classes were conducted on platforms like WebEx, Google Meet, Edmodo, Zoom, Skype. Google Classroom was the LMS used for conduction of online evaluations. Library resources were made available on the institute website. The institute partnered with Coursera (5000 licenses) and edx (5000 coupons) to complement the TLP. Webinars, Events, Workshops, FDPs & Placement training were conducted online. Laboratory sessions were recorded and shared on public domain. In collaboration with Dassault Systems the Institute developed virtual laboratory exercises on topics involving electrical machines, power systems, Kinematics of machines which allowed students to creatively showcase the experiment. BMSCE created 7 virtual labs for Electrical Engineering and 8 more virtual labs on Mechanical Engineering are in progress. Students remotely accessed the high-end computing facility in college using open-source screen sharing and were able to test the developed experiments. Thus, students and faculty community in the campus were nurtured to collaborate and develop new methods for learning.


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