

B.M.S. COLLEGE OF ENGINEERING, BENGALURU-19

Autonomous Institute, Affiliated to VTU

Annual Quality Assurance Report 2020-2021 (AQAR)

Period - 01.06.2020 To 31.05.2021

2.3.2 Usage of ICT enabled tools including online resources for effective teaching and Learning

Dept.	Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available
CV	42	42	Classroom with projectors (UG CR 1, 2, 3 and PG CR 1,2,3) and CAD Lab with projector and a Seminar Hall with Projector and Smart Board, Google Forms, MOOCS /NPTEL, Google DOCS,etc.
ME	53	53	LCD / Wi-Fi /LAN facilities/ Interactive Board
EE	22	22	Google Meet , GoToMeeting , Zoom
ECE	44	44	Imparatus lecture capturing system
			Class rooms with OHP for powerpoint and video presentations
			Google Class Room, Google docs, Google drive, and Google site
			Zoom Meeting
			Webex
			Wikisate
			Edmodo
			INPODS
			NPTEL lectures
			QEE Online lectures
			E-resources repository of technical publications
IEM	12	12	Wikisate Social Learning, Edmodo, Wikispaces, Google Forms, MOOCS /NPTEL, Google DOCS,etc.
CSE	32	32	GoogleMeet
			Zoom
			power point presentation
			Google forms
			Webex

Dept.	Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available
ET	14	14	Google Classroom, Gotomeeting, Google Meet, IEEE Xplore access, NPTEL, QEEE, Coursera, Inpods, Wiksate, MOODLE, Udemy, Wordpress, Edmodo, A-View platform
ISE	30	30	1. Class rooms with LCD for PPT and Video Presentation
			2. Edmodo - Conducting online Quiz and for Faculty and Student Interactions
			3. Google Classroom
			4. Flipped Classes
			5. Github
			6. Hacker rank
			7. Programming Tool
			8. Google form for survey and Quiz
			9. Cisco Simulation Tool
			10. Mooc Courses
EIE	10	10	Google meet, Digital Board, Cisco webx, IAR Embedded Workbench
			Google meet, Digital Board, Cisco webx
			Google meet, Digital Board, Cisco webx
			Google meet, Digital Board, Cisco webx, Virtual Lab
			Google meet, Digital Board, Cisco webx, MultiSim, edmodo
			Google meet, Digital Board, Cisco webx, Virtual Lab
			Google meet, Digital Board, ,Canvas IAR Embedded Workbench, Virtual Lab
			Google meet, Digital Board, Cisco webx, Virtual Lab
ML	12	12	NPTEL videos, virtual Lab, Openlab, Python, Google Co-Lab
CH	13	13	Google Meet, Google Classroom, Google Forms
BT	10	10	khan academy, NPTEL, Coursera, individual videos from you tube by concept experts animations, JOVE videos , Virtual labs (Amrita labs & IIT) Moocs Edmodo
Aerospace	8	8	Class Rooms with LCD for powerpoint and Video presentations
			Google docs

Dept.	Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available
			Google drive
			Google Meet
			NPTEL lectures
			Programming Tool
			Google form for survey and Quiz
			NPTEL videos
			Virtual Labs
MAT & HUM	20	20	Google classroom and Schoology
CHY	10	10	computers with audio and visual facility to conduct online classes. Power point presentations are prepared by individual teachers and provided to the students
PHY	9	9	Google Meet, Google Classroom, Google Forms
MCA	12	12	NPTEL Videos, Coursera Videos, Self Recorded videos, Youtube, W3Schools, Geeksforgeeks.org, React.js.org, Mobgodb Documentation(docs.mongoddb.com), Node.js and getbootstrap.com, Case studies from Internet/ books, Youtube and many text materials from available books, Geeksforgeeks.org, neo4j.com, Edx and GATE preparation, LinkedIn Learning, Alison Courses, Cloud Resources(AWS, Azure and Google Cloud) Microsoft PowerPoint Presentation, Google Classroom, iScribe4U, Screencast-O-Matic to record videos, TurboC Editor, Video editor, Google Meet
MBA	14	14	LCD Projectors, Notebooks, Wi-facility