National Assessment and Accreditation Council
AQAR2021-22

NAAC Criteria-2: Teaching- Learning and Evaluation

Key Indicator- 2.3 Teaching- Learning Process

2.3.2	**Teachers use ICT enabled tools for effective teaching-learning process**

Criteria-2: Teaching- Learning and Evaluation

Metric No. 2.3.2
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Nagarjuna

Institute of Engineering, Technology & Management

(AICTE, DTE Approved & Affiliated to RTM Nagpur University Nagpur)

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College Code: 4192

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2.3.2 - Teachers use ICT enabled tools for effective teaching-learning process. Write description in maximum of 200 words

Education around the world is experiencing major paradigm shifts in educational practices of teaching and learning under the umbrella of ICT enabled learning environment. Whereas learning through facts, drill and practices, rules and procedures was more adaptive in earlier days, learning through projects and problems, inquiry and design, discovery and invention, creativity and diversity, action and reflection is perhaps more fitting for the present times. The major hallmark of this learning transition is from teacher centered to learner focus paradigm. During the last three decades, the changes in educational environment have been phenomenal. The model, focus, role of the learner and technology has been changed drastically from traditional instruction to virtual learning environment by integrating ICT. Our College emphasis on ICT infusion in pedagogy to improve learning, motivate and engage learners, promote collaboration, foster enquiry and exploration, and create a new learner centered learning culture. It permits the move from reproductive model of teaching and learning to an independent, autonomous learning model that promotes initiation, creativity and critical thinking with independent research. Learners are expected to collect, select, analyze, organize, extend, transform and present knowledge using ICT in authentic and active learning paradigm.

The Institute follows ICT enabled teaching in addition to the chalk and talk method of teaching in classroom. Teachers using ICT for effective teaching with LMS & E-learning resources etc. The use of multimedia teaching aids like, LCD projectors, interactive digital board/computer/laptops, IT enabled learning tools such as PPT, Video (DELNET & NPTEL) & Audio, online sources systems are usually use to expose the students for advanced knowledge and practical learning. Departments conduct seminars, workshops and guest lectures on the new

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developments in the core subjects for effective teaching and learning by the faculty members and students in each semester. Seminar hall is equipped with multimedia facilities using ICT tools. Invited talks and webinars are conducted in seminar hall using ICT facilities. The students' get all their academic information on web link provided by Institute. Sufficient number of books, Journals, e-journals and e-books are available online in the library.

Internet and Wi-Fi facility is made available to all the students of institute at free of charge. You-Tube, E-mails, Whatsapp group, Zoom, Google meet, Webex app and Google classrooms are used as platforms to communication, provide material and syllabus, make announcements, conduct tests, upload assignments, make presentations, address queries, mentor to share information.

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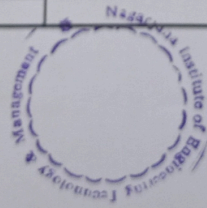
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2.3.2 Percentage of teachers sing ICT for effective teaching with Learning Management Systems (LMS), learning resources etc. (current year data)

Number of teachers on roll	Number of teachers using ICT (LMS, e-Resources)	ICT tools and resources available	Number of ICT enabled classrooms	Number of smart classrooms	E-resources and techniques used
48	30	- Google Class Room - Application Software - Power point presentations - Computers - Internet - Digital Library- - Video Lectures - e-journals - e-books - NPTEL videos - Photocopier - ERP (LMS) - Projectors	5	2	- Virtual Lab. - DELNET - e-books - e-journals - IIT remote centre - Wordsworth Language lab software - Google Classroom - NPTEL Videos - LMS, - LCS, - Online quiz, - Video lectures of Faculty - Animated presentations etc.

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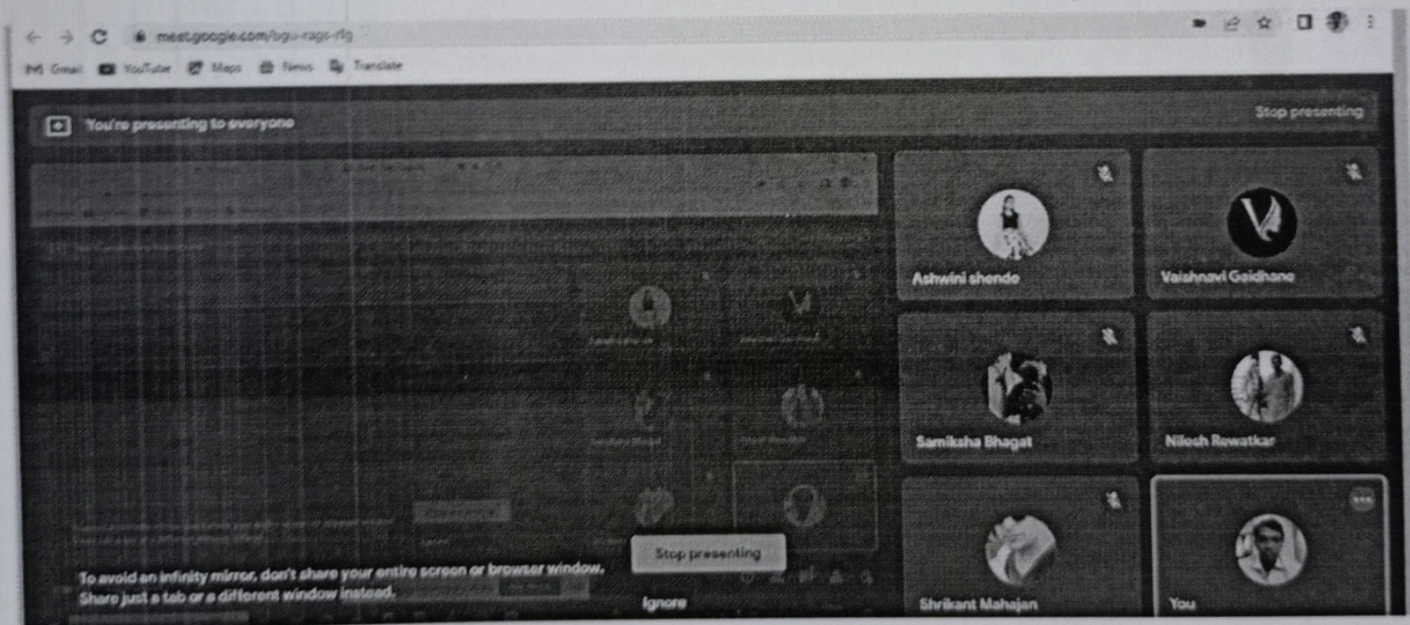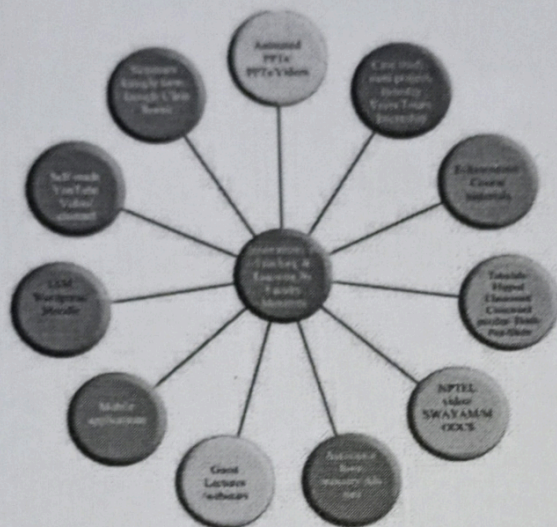## Institute of Engineering, Technology & Management

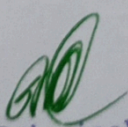(AICTE, DTE Approved & Affiliated to RTM Nagpur University Nagpur)

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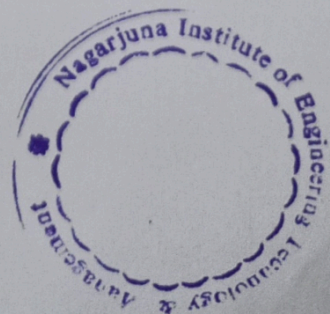Email: maitery.ngp@gmail.com, website: www.nietm.in, Phone No.: 07118 322211, 12

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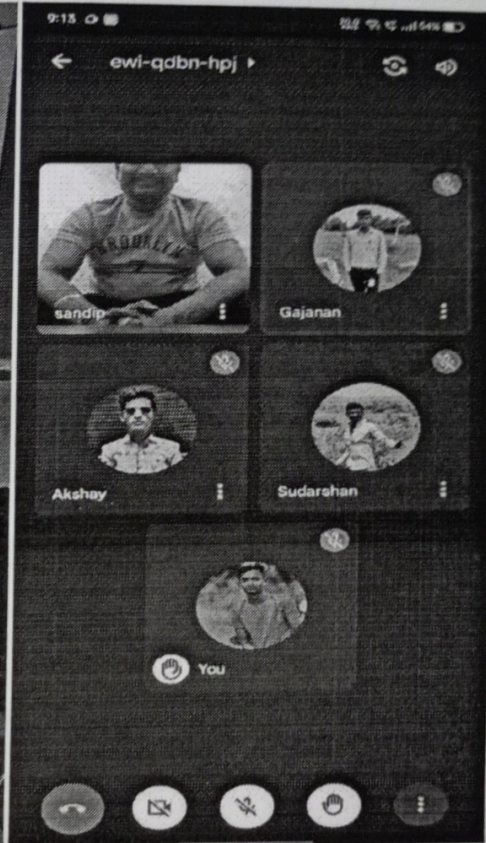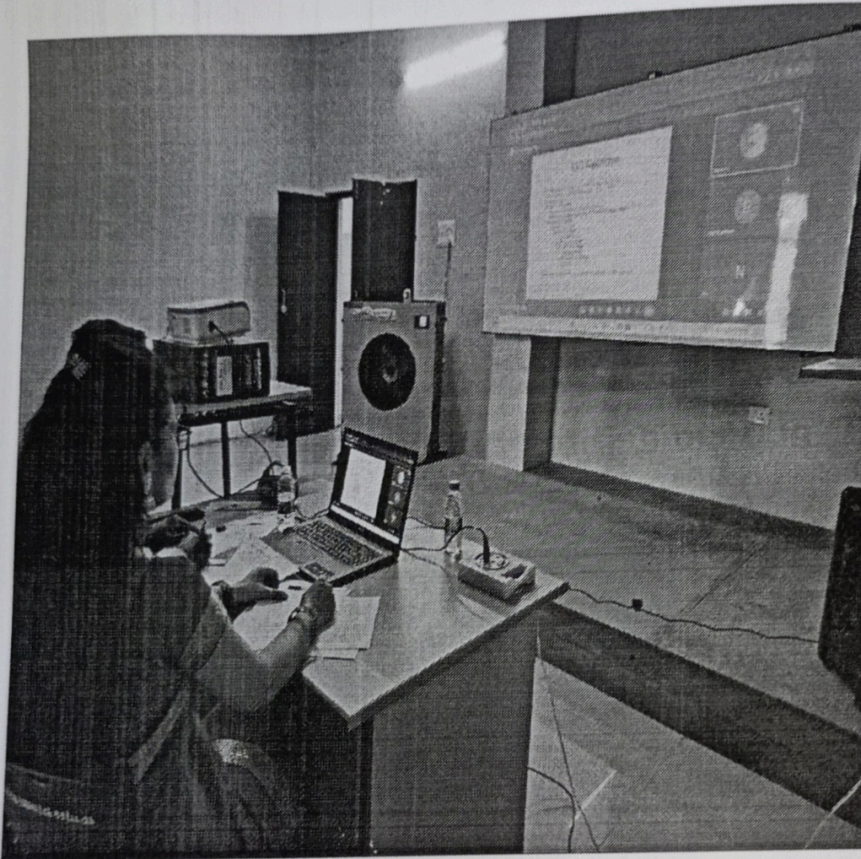Maitrey Education Society's

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