



NMITD
Estd. 2008

Deccan Education Society's
NAVINCHANDRA MEHTA INSTITUTE OF TECHNOLOGY AND DEVELOPMENT
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[Approved by AICTE & DTE, Affiliated to University of Mumbai]
NAAC Accredited "B++" Grade

IQAC Report 2020-21

1. Major Achievements of the Institute:

- a. Association with **University of Mumbai** and PTVA Institute of Management for Conference with Research Publications in **Scopus, Web of Science and UGC-CARE journals**.
- b. The Institute has successfully conducted **6 days online FDP on Ethical Dimensions of Writing Research Paper**. The Institute received participation from all over country including some participation from other countries. The remarkable efforts of FDP organizing committee are noted and appreciated by IQAC.
- c. Collaboration with **Vanvasi Kalyan Ashram, Talasari launching certificate courses such as leadership management for tribal students, Microsoft Excel etc** for the benefit of tribal students.
- d. All faculty members of MCA department played pivotal role as **convenors/ co-convenors/members for setting the syllabus of MCA 2-years programme** at University level.
- e. Majority of the faculty members focused on self-enhancement by completing AICTE-ATAL courses, AICTE-STTP programs, professional certifications to cope up with ne syllabus and changing trends of industry.

2. Quality Initiatives at Institute:

a. Initiation of NBA accreditation process:

- NBA accreditation process is initiated forming steering committee and allocation of criterion heads.

- Self -Assessment Report has been uploaded on e-NBA portal with all necessary documentary evidences.
- Preparation for NBA visit is under process.

b. Curriculum Development & Teaching- Learning Activities:

- Add-on Courses and Certificate Courses such as R Programming, Share Market Tantra ani Mantra and Certificate of Leadership in Self-Management for tribal students are initiated and conducted in 2020-21.
- Regular mentoring sessions to strengthen the bonds of students with their teachers.
- Adherence to Academic Calendar to chalk out the timelines and schedule of co-curricular and extra-curricular activities. This is channelized by the respective departments to facilitate smooth conduction and implementation of these activities.
- Implementation of online teaching learning environment with knowledge repository on Microsoft Teams.
- MCA as well as MMS departments initiated departmental magazines namely “TechPulse” and “Connecting the Dots” to nurture creative writing skills among students.
- The library department has initiated NDL registration activity, so that students will get the facility of accessing e-books related to their curriculum. They have also started preparing list of ebooks and circulating among students under the title “Mindful Month”.

c. Workshops and Other Skills Enhancement Programs:

- Library workshop on “Role of Library Department in Accreditation of Higher Education – NAAC & NBA Framework”
- MCA department has conducted orientation programs on “Software Project Management” and “Robotics Process Automation” in collaboration with BoS, University of Mumbai for faculty members of MCA Institutes across Mumbai.
- Advanced Learners’ students conducted various activities for juniors as well as some of them have completed certifications.
- Sessions on anticorruption law was conducted by anticorruption bureau.
- The workshop and guest sessions committee has initialized webinars on every Saturday 4pm to 5pm on various professional, cultural, life skills topics. This activity is conducted for all students of NMITD, JS Kothari Business School and CIMDR, Sangli.
- Dr. Kasturi Naik initiated collaboration with Atmanirbhar Team for vocational training. She motivated MCA and MMS teams for participation in the mentioned activity.
- Dr. Kasturi Naik and Dr. Renuka Savant initiated activity “Happy Manager’s Hub” for MMS HR students with an intention to spread optimism during lock down. They conducted webinars like “Stinky-Fish”, “Inspirations from the Inspired” etc.

- All MCA faculty members attended one week online FDP on Data Science organized by DES in association with Society of Data Science.
- DES's NMITD Participated in Activities Marking International Yoga Day 2021 in association with DES Mumbai Campus Institutes: Kirti College, and JS Kothari B. School.
- DES's NMITD faculty members and students attended the webinar on "Demystifying Organ Donation" – Spreading Awareness in association with IGiftLife NGO which was organized by DES.
- The details of faculty members who attended AICTE organized workshops/ FDPs:

Name of Faculty Member	Topic	Training Programme
Dr. Anita Boabde	Design Thinking	AICTE-ATAL FDP
Dr. Anita Boabde	"Effective Team Work"	AICTE-ATAL FDP
Deepa Honrao	Inculcating Universal Human Values in Technical Education	AICTE-UHV
Dr. Rasika Mallya	Artificial Intelligence	AICTE-ATAL FDP
Dr. Rasika Mallya	Robotics Process Automation	AICTE-ATAL FDP
Mr. Pritam Warke	Trends in Machine Learning and Data Science	AICTE-ATAL FDP
Dr. Renuka Savant	Emphasizing Morals, Values, Ethics and Behavioural Science in Teaching	AICTE-STTP
Rahul Wadekar	Inculcating Universal Human Values in Technical Education	AICTE-UHV
Ms. Apeksha Gaje	Data Analytics using Python/R Programming	AICTE-ATAL FDP
Ms. Apeksha Gaje	Deep Learning and Computer Vision	AICTE-ATAL FDP

- The details of faculty members who attended other training programs/ professional certifications/ FDPs:

Name of Faculty Member	Topic	Training Programme
Dr. Anita Boabde	FDP on Case Study Writing	JBIMS
Dr. KAsturi Naik	FDP on Case Study Writing	JBIMS
Mr. Girish Jadhav	Advanced Research Methods for Publication in the Top-Tier Journals	IIM Kolkata
Dr. Rasika Mallya	Insights of NBA	KC College of Engineering and Management

Ms. Apeksha Gaje	Insights of NBA	KC College of Engineering and Management
Mr. Pritam Warke	Insights of NBA	KC College of Engineering and Management
Mr. Girish Jadhav	Insights of NBA	KC College of Engineering and Management
Mr. Pratik Desai	Insights of NBA	KC College of Engineering and Management
Mr. Girish Jadhav	Trends & Strategies in Teaching Delivery and Administration	Viva Institute of Management & Research
Mr. Girish Jadhav	Business Case Writing Work shop	SGT University, Delhi
Ms. Apeksha Gaje	Advanced Java	BVIT
Ms. Apeksha Gaje	Online FDP on Network Analysys Using NS3 and wireshark	MET
Ms. Apeksha Gaje	Facial Expression Recognition with Keras	Coursera
Ms. Apeksha Gaje	Emotion AI:	Coursera
Ms. Apeksha Gaje	Facial Expression Classification	Coursera
Ms. Apeksha Gaje	Image Classification with CNNs	Coursera
Ms. Apeksha Gaje	Business Data Analytics	Pacific University
Mr. Rahul Wadekar	FDP on "Research Methodology"	Acharya and Marathe College, Chembur
Mr. Rahul Wadekar	Trends and strategies in Teaching Delivery and Administration	VIVA College
Mr. Rahul Wadekar	"Research Methodology - scientific approach towards paper writing	
Dr. Samadhan Khamkar	Trends and strategies in Teaching Delivery and Administration	VIVA College
Dr. Samadhan Khamkar	FDP on virtual teaching	Indira Institute of Management

Dr. Rasika Mallya	FDP on virtual teaching	Indira Institute of Management
Mrs. Sulakshana Vispute	FDP on virtual teaching	Indira Institute of Management
Ms. Apeksha Gaje	FDP on virtual teaching	Indira Institute of Management

- Some notable guest sessions conducted in this academic year:

Subject	Personality & Designation	Details in brief
Session “Effectiveness to Greatness”	Dr. Shriram Nerlekar, CEO, DES	To motivate students for professional development
Session on “Design Thinking”	Ms. Avanti Bhatnagar, Certified Design Thinking Practitioner	Takeaways: 1. Design thinking makes us more objective, more concerned to generate and evaluate a range of options than focussing on just finding a solution. 2. What we need to know about the problem becomes clearer as we are focussing on solving it
Session on “Behavioural Competencies for the Effective Leaders”	Ms. Asmita Desai L & D Manager, TAJ Wellington Mews Luxury Residencies	Takeaways: 1. How to lead an organization 2. How to Lead yourself 3. How to Lead others 4. How to become Resilient, Adaptable, optimistic and energetic 5. How to cultivate an inspiring vision
Session on “A Way Towards Productive Living”	Ms. Namita Nanal, Founder and Nutritionist, Slimming Solutions (Chembur & Shivaji Park)	Takeaways: 1. Smart snacking 2. You can make healthy choices while eating outside 3. Portion control is everything 4. Planning is key factor for everything 5. There is no shortcut to healthy eating, positive thinking, and exercise
Session on “How to start a business (Startup)”	Mr. Harsh Shethia, venture partner with Ah! Ventures	takeaways include: 1. How to start a business 2. How to raise funds 3. How strategically grow business 4. How to craft omni channel marketing strategy 5. How to implement business system

Session on “Critical Thinking”	Ms. Shalini Gamre, certified Psychological Counsellor, Certified Firewalk Instructors	<p>takeaways include:</p> <ol style="list-style-type: none"> 1) The benefits of critical thinking 2) The ways in which we can include more aspects of critical thinking in your day to day. 3) Business success through critical thinking. 4) Damages that happen when people do not think well or the flaw of overthinking.
Session on “Imagination to Creation”	Ms. Prapti Mutha Corporate Trainer, Strategic HR	<p>takeaways of the session:</p> <ol style="list-style-type: none"> 1) Goal setting in different arenas of life 2) Maintain motivation during these ambiguous time 3) Unleash your potential to achieve success 4) Clear focus and efforts to achieve your goals 5) Inculcate the habit of self-discipline
a guest session on “Stree Shakti – Women Entrepreneurs”	Mrs. Meenal Mohadikar, Founder President of Aamhi Udyogini Prathisthan	<p>takeaways of today’s session are</p> <ol style="list-style-type: none"> 1. Exploring importance of clarity of vision in business 2. Identifying the right networking tools for your business 3. Understanding venture creator role in society 4. Empowering women to be part of mainstream business 5. Generating Ideas with Individuals and teams
“Jagruti about ICC Committee Constitution, Role and Functioning”	Mrs. Madhushree Joshi, DES	
Webinar on Demystifying Cyber Security Threats	Mr Shankar Gawde, Senior VP, Reliance Investment	<ul style="list-style-type: none"> • create awareness among students and faculty members regarding the ever-increasing Cyber-Security Threats that we all face today in increasingly online world.

		Awareness about laws related to cyber security in India and their scope and applicability was also covered
“Pursuit towards Happiness”	Dr. Anuradha Kamesh, Founder of Mindz Infinity, Psychologist, career counselor, and Emotional Intelligence Coach	<ul style="list-style-type: none"> Stress reduction techniques
Opportunities in Agile for MCA and MMS	Sanket Kulkarni, Team Lead, Accenture	<ul style="list-style-type: none">

d. Faculties as Resource Persons:

- The efforts of Dr. Samadhan Khamkar, Dr. Anita Bobade, Dr. Renuka Savant, Ms. Apeksha Gaje and Mr. Pratik Desai as BoS Members for drafting syllabus of PGDM at DES JS Kothari Business School are appreciated by IQAC.
- Dr. Samadhan Khamkar, Dr. Anita Boabde, Dr. Kasturi Naik and Dr. Rasika Mallya were appointed as a resource persons for online FDP "Ethical Dimensions of Writing a Research Paper" organized by DES Mumbai Campus in association with University of Mumbai.
- Dr. Rasika Mallya was invited as a guest speaker at Gogate Joglekar College, Ratnagiri for conducting session on “Writing technical research paper” for M.Sc. Computer Science students.
- Dr. Rasika Mallya conducted the Orientation Programme for Software Project Management” and “Robotics Process Automation” in collaboration with BoS, University of Mumbai for faculty members of MCA Institutes across Mumbai.
- Mrs. Sulakshana Vispute conducted the Orientation Programme for Advanced Database Management System in collaboration with BoS, University of Mumbai for faculty members of MCA Institutes across Mumbai.
- Mr. Pratik Desai was invited as a guest speaker at Acharya Marathe College, Chembur for conducting session on “Writing technical research paper” for B.Sc. & M.Sc. Computer Science students.
- Dr. Rasika Mallya is appointed as BoS Member for B.Sc. IT, HSNC University KC College.
- Dr. Kasturi Naik is appointed as Executive Member, Global Edu-Leader Forum.

e. Library Activities:

- Daily News headlines service with attached link is circulated amongst students regarding the news related to business, economics, finance, IT etc.
- Dispersal of monthly newsletter ‘Mindful Month’ is a digital newspaper clipping service for DES’s NMID Students. The source of the news is the English daily newspapers. The

service includes the full text motivational news, news related to business and social leaders and also news which will motivate students.

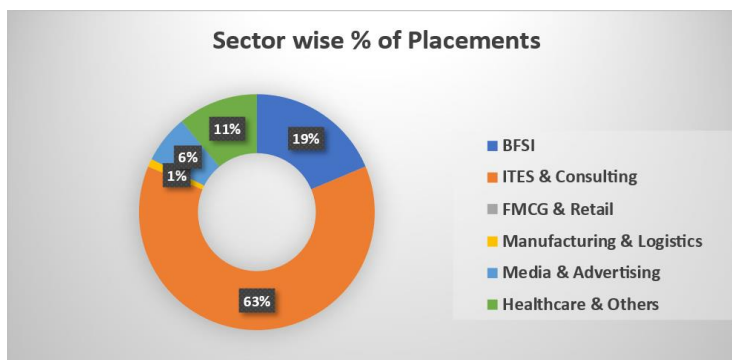
- Due to lockdown, students were unable to access the library services. Library had generated e-book shelves which visually looks like a book shelve and clicking on the book cover leads to Open-Source e-books page, same with audio books as well. Library had compiled an Open source e-books data which consists of nearly 200 open source e-books related to syllabus and to develop managerial skills.
- Web OPAC: ERP web-based OPAC to search the NMITD library books online.
- Access to Online Subscription: Full Access to subscribed online databases, e-books and e-Journals as and when subscribed.
- Awareness sessions for effective use of NDLI, SWAYAM..

f. Research Activities:

- Dr. Renuka Sawant, Dr. Leena Sonawane and Dr. Shamala Mujumadar successfully completed their doctorate degree.
- Dr. Samadhan Khamkar received recognition as Research Guide in Management Studies for University of Mumbai.
- The Institute hosted the 5th NCMAT (2021) Virtual Conference in association with University of Mumbai on the Theme, “Leveraging Technologies & Management Skills To Improve Economy During ‘New Normal’” on Saturday, 6th March, 2021. Selected 58 research articles on innovative topics of Technology and Management were published in Scopus, Web of Science and UGC-CARE journals.
- Faculty members published overall 18 research papers in this academic year in reputed journals and efforts of Dr. Anita Bobade and Dr. Kasturi Naik are appreciated for publishing their books namely “How You Can Make a Million on the Stock Market” and “Share Market - Tantra Ani Mantra” – By Dr. Anita Boabde and “30 Ways to Get Inspired” by Dr. Kasturi Naik.
- Around 12 advanced learners students published their research papers in NCMAT conference and other conference under the guidance of their mentors and special edition of research journal is published with ISBN number.
- Ms. Deepa Honrao registered for PH.D. in SPPU for Computer Science.

g. Placement

- During lockdown period, professional activities like connect to industry experts or presentations of projects were not possible on campus. Thus, the industry experts of IQAC had advised maximum and effective use of social media to focus students' curricular and extra-curricular activities. The students are instructed to upload their certifications' posts and short videos of their open-source projects on their LinkedIn Profiles. All faculty members made sure that these posts will reach to alumni and industry experts to get good connect for placements or internships.
- During the year 2020-21 **MCA batch 2018-21** placed in some of the renown companies such as Predoole Analytics Pvt. Ltd, Cirrius Technologies Private Limited, Tata Consultancy Services, E-Emphasys, Autoflow Technologies Pvt. Ltd, Clover infotech, Reliance Jio, Gameshastra, Mindstix Software Labs, DFL Technologies, IRAJE SOFTWARE etc.
- Some of the final placement companies in the year 2020-21 for MMS batch 2019-21 are LG Electronics, ACBM (APL), Internshala, Aircrews Aviation Pvt Ltd, KPMG, Citicorp Services India Private Limited, Angel broking Pvt LTD, India Tech etc.
- The placement committee motivated students to make their LinkedIn profiles upto the mark to highlight their projects, certifications.
- Sector-wise percentage of placements:



h. Audits:

- Online External AAA was conducted by University of Mumbai
- Local Inquiry Committee Visit for Ph.D. Programme in Management Studies was scheduled by University of Mumbai on 4th September 2021. The committee gave positive report.

i. ISR Activities:

- The ground work and activities during lockdown of Dr. Samadhan Khamkar, Dr. Kasturi Naik and Mr. Rahul Wadekar for containment zones are appreciated. DES appreciated them as COVID Warriors.

- Dr. Kasturi Naik initiated TSEP MENTORING PROGRAM AT KOTAK EDUCATION FOUNDATION. The 54 MMS students of batch 2019-2021 collaborated with KEF to empower volunteers to teach native speakers the art of English Conversation Skills through TELEPHONIC SPOKEN ENGLISH PROGRAMME (TSEP) and making them confident and better individuals.

j. Awards and Recognitions:

- Dr. Kasturi Naik received Certificate of Excellence for moderating panel discussions & innovation & creative Literacy award by Ministry of AYUSH and NSDC, Ministry of Education
- Dr. Kasturi Naik received Best Teacher Mentor by Global Institute of Training & Development
- Dr. Kasturi Naik secured highest score in NPTEL Swayam Exam in course “Managing Change in Organization”
- Dr. Kasturi Naik received acknowledgement as top-20 International Women by TCOL.
- Dr. Anita Bobade and Dr. Kasturi Naik received Global Excellence Award for being digital teacher by CK International Global Digital Academy

(Dr. Rasika Mallya)

IQAC Coordinator

Dr. Samadhan Khamkar

IQAC Chairperson

