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TechPulse 2025



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FROM THE DESK OF THE DIRECTOR



It gives me immense pleasure to present the Departmental Magazine – TechPulse'25!

Tech Pulse is a platform for the future IT professionals and technocrats as also the faculty members to keep updated about the advancements in the field of IT globally and in India. It promotes the Vision of MCA Department, “To ignite **computing minds** and nurture their full potential for contribution to the knowledge economy.” We strive for creating knowledge enterprises, equipping the students with the state of art IT languages and skills to be a part of a world class organization.

DES's NMITD is not just the Institute but is a family in which educational community – the DES management, staff, students, parents and alumni work united to foster this Family.

I am sure that readers of this magazine will be benefited from educative and informative contents of this magazine. We at DES's NMITD encourage our MCA department to exhibit their technical nuances and sharpen their skills through technical writing, whether for research conference or for Tech Pulse.

I acknowledge the tireless efforts of the magazine's editorial board. I also congratulate to all budding talents who have generously contributed to this annual magazine.

With every good wish, greetings and blessings.....

Dr. Rasika Mallya,
Director in Charge DES's NMITD

FROM THE EDITORIAL TEAM

We are happy to present the Third Technical magazine of MCA Department of DES NMITD, “TechPulse’25”, for the year 2024-25. The name of the magazine, “TechPulse’25” represent each pulse of learning, nurturing skills among learners. This magazine gives an insight into the technical writing of students, their creativity and activities. This magazine is a platform that exhibits the literary skills and innovative ideas of teachers and students of various institutes. “TechPulse’25” presents the hard work and dedication of students and contributions of teachers. I would like to thank all my editorial team members for helping me pull this through. I express my considerable appreciation to all the authors of the articles in this magazine. These contributions have required a generous amount of time and effort. It is this willingness to share knowledge, concerns and special insights with fellow beings that has made this magazine possible.

*In the words of great visionary Hon’ble Former President APJ Abdul Kalam: “Learning Gives Creativity, Creativity leads to thinking,
Thinking provides knowledge, Knowledge makes you great!!”*

May the quality education at DES’s NMITD ignite computing minds, inculcate a spirit of innovation and enterprise and sensitize our students to ethical living!!!

Dr. Rasika Mallya
Dr. Swapnali Mahadik
Dr. Ruchi Gupta

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