



SANDIP
UNIVERSITY
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Sandip University, Nashik (MS), India
At Post Mahiravani, Trimbak Road, Nashik-422213, Maharashtra
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Sandip University, Nashik
School of Computer Science and Engineering (SOCSE)
Department of CSE

Report of Expert Lecture/Workshop/Symposium/Conference/Industry Visit/Meeting

Category of Event (Expert	: EXPERT LECTURE /WORKSHOP/SYMPOSIUM/CONFERENCE/IN DUSTRY VISIT/MEETING/ CONFERENCE)
Title (Name of Event)	: EXPERT TALK ON DAA
Schedule (Date(s) and Time)	:16/03/2026 AND 10.00 AM TO 12.00 PM
Venue	:S BUILDING, C19
Duration	:2 HOURS
Organizing Faculty/ Convener (s)	:DR.RAIS ABDUL HAMID KHAN
Organizing Department	:CSE
Faculty Coordinators	: DR.AMARSINH VARPE
Total Number of Participants	: 130
Expert(s) Profile	:PROF.TUSHAR KALOGÉ SIR, HOD, CSF, CTIS,SANDIP UNIVERSITY, NASHIK
Objectives	: MOTIVATE STUDENTS



About the activity:

Design and Analysis of Algorithms focuses on the systematic study of designing efficient algorithms and evaluating their performance. It begins with basic concepts such as algorithm characteristics and asymptotic notations, which help in analyzing time and space complexity. The subject further explores important design techniques like Divide and Conquer, Greedy Method, and Dynamic Programming to solve complex problems efficiently. Advanced topics such as Backtracking, Branch and Bound, and NP-completeness highlight the limitations and challenges in computation. Overall, DAA equips learners with strong problem-solving skills and the ability to develop optimized solutions for real-world applications.

Conclusion & Remarks

Design and Analysis of Algorithms not only enhances problem-solving skills but also helps in developing efficient and scalable solutions for real-world challenges. Furthermore, advanced topics like Backtracking, Branch and Bound, and NP-completeness allow us to understand the limitations of algorithms and identify problems that are difficult to solve efficiently.

Geotagged Photographs



Signature of Convener/Organizer
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Dr. Amarendrak Nupke



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Signature of Head/Dean