

11th National Conference on Emerging Trends in Engineering and Technology

NCETET-2025

Organized by



Bharati Vidyapeeth's College of Engineering, Kolhapur

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Near Chitranagari, Morewadi, Kolhapur 416 013, Maharashtra.

[HYBRID MODE]

Date: 17th April 2025

In Association With



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ISBN: 978-93-48954-45-9

**11th National Conference on
Emerging Trends in Engineering
and Technology**

NCETET-2025

Venue: Bharati Vidyapeeth's College of Engineering, Kolhapur

Editors

Dr. V. R. Ghorpade

Mrs. S. M. Mulla

Publish By:

A.R. Research Publication

Preface

Conference word and AR Research Publication is a fast-growing group of academicians in Engineering, Sciences, and Management. A R Research Publication is also known for its fast reply and zero-error work. The conference world has organized various conferences at renowned places namely Delhi University; New Delhi, Jawaharlal Nehru University; New Delhi, PHD Chamber of Commerce and industry New Delhi, YMCA New Delhi, India International Centre New Delhi, Sri Venknteswara College of Engineering and Technology, Andhra Pradesh, Vedant Engineering Kota and many more places across the country.

We are very pleased to introduce the proceedings of the 11th National Conference on Emerging Trends in Engineering and Technology [NCETET-2025]. The papers presented at the conference addressed the Recent Innovations & Development in field of Engineering and Technology. The level of Interest in the subject matter of the conference was maintained from previous events and over 22 suitable papers were submitted for presentation at the conference.

Papers were well represented at the conference to arouse a high level of international interest. The presented papers maintained the high promise suggested by the written abstracts and the program was chaired in a professional and efficient way by the session chairmen. The program was chaired professionally and efficiently by the session chairmen also highly gratifying, showing the high level of interest in the subject. This Proceeding provides a permanent record of what was presented. They indicate the state of development at the time of writing of all aspects of this important topic and will be invaluable to all authors in the field for that reason. Finally, it is appropriate that we record our thanks to our fellow members of the Technical Organizing Committee for encouraging participation from those areas. We are also indebted to those who served as chairmen, without their support, the conference could not have been the success that it was. We also acknowledge the authors themselves, without whose expert input there would have been no conference. Their efforts made a great contribution to its success.

About the College

Bharati Vidyapeeth's College of Engineering, Kolhapur since its establishment in 2001, has strived to provide the best engineering education to its students through well qualified and dedicated faculty and provision of well equipped modern labs. College started in the year 2001 with the following programmes :-

1. Computer Science and Engineering
2. Electronics and Telecommunication Engineering
3. Information Technology

All with an intake of 60. A new branches namely Mechanical Engineering from 2006-2007, Civil Engineering from academic year 2011-2012 and Computer Science and Engineering (AIML) from academic year 2021-2022 were added with an intake of 60 each. The Bharati Vidyapeeth college of Engineering is a private, self-financing institution. The college is recognized by All India Council for Technical Education (AICTE) and is affiliated to Shivaji University, Kolhapur.

About the Conference

The purpose of National Conference on Emerging Trends in Engineering and Technology (NCETET-2025) is to bring together leading researchers, engineers and scientists in the domain of interest for India. The theme of the conference is "Era of Innovation". All full paper will be peer reviewed and evaluated based on novelty, technical and/or research content. Selected paper will be publish in conference proceedings with ISBN number.

About IARDO

International Association of Research and Developed Organization (IARDO) is a leading organization in the field of academic research activities under the banner of India Educational Charitable Trust (Regd).

International Association of Research and Developed Organization (IARDO) is an apex body that promotes and encourages commendable achievements from all over the country. The organization under conference world regularly organizes national and International level conferences with the help of its members to promote socially responsible education practices and sustainable development in economic as well social front in India.

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Hon'ble Vice Chancellor, Sanjay Ghodawat University, Kolhapur

Proceeding of the conference has been published with **ISBN: 978-93-48954-45-9**

11th National Conference on Emerging Trends in Engineering and Technology [NCETET-2025] organized at Bharati Vidyapeeth's College of Engineering, Kolhapur. Total 65 papers were received for the conference and 22 papers were shortlisted by the committee.

Published by

AR Research Publication,

3/186 Santpura Govindpuri Modinagar- 201201. Dist: Ghaziabad 11th National Conference on Emerging Trends in Engineering and Technology [NCETET-2025].

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This edition can be exported from India only by the publishers, AR Research Publication (India) ISBN: **978-93-48954-45-9**

Managing Director: Gauri Sharma

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Cover Design: Sumit Kumar