

**International Conference on
Recent Advances in Science, Engineering,
Technology and Management
ICRASET-2024**

Organized By:



Shri Ambabai Talim Sanstha's

Sanjay Bhokare Group of Institutes, Miraj

(Faculty of Engineering, Management & Polytechnic)

**(Approved by AICTE, New Delhi & DTE, Mumbai, Affiliated to DBATU,
Lonere (Raigad) & Shivaji University, Kolhapur)**

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International Conference on
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Preface

Conference world 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 International Conference on Recent Advances in Science, Engineering, Technology and Management were addressed by the papers presented at the conference. The level of Interest in the subject matter of the conference was maintained from previous events and over 52 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 Conference

The conference is aiming at facilitating the exchange of ideas and developments in all aspects of Engineering, Science & Management topics. This conference provides opportunities for the different areas delegates to exchange new ideas to establish business or research relations and to find global partners for future collaboration. We hope that the conference results constituted significant contribution to the knowledge in these up to date scientific field.

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.

About the College

Sanjay Bhokare Group of Institutes, (SBGI) Miraj is established in the year 2009 under the aegis of “Shri Ambabai Talim Sanstha”. It is approved by All India Council for Technical Education (AICTE), New Delhi and DTE Mumbai Maharashtra. Degree Engineering is affiliated with Dr. Babasaheb Ambedkar Technical University, Lonere (Maharashtra) and MBA is affiliated with Shivaji University Kolhapur (Maharashtra).

The integrated college campus is centrally located at prime location of Sangli Miraj road including Degree Engineering, MBA, Diploma and other institutions. At present it has seven UG engineering courses (Civil Engineering, Mechanical Engineering, Electrical Engineering, Computer Engineering, Electronics and Telecommunication Engineering, Computer Science & Engineering (AIML), Electronics & Computer Science), MBA course (Five Specializations) & Diploma (Six Courses).

The institute was accredited by NAAC in cycle-II with an 'A Grade' in 2023 and awarded the “Emerging Integrated Campus” by ISTE in New Delhi. The institute is involved in research, PhD work, industrial visits, sponsored projects, MoU's with several renowned industries, consultancy so as to achieve academic excellence.

Message



It gives me immense pleasure that the Sanjay Bhokare Group of Institutes, Miraj has organized “International e-Conference on Recent Advances in Science, Engineering, Technology and Management” [ICRASET M-2024] on 22nd & 23rd March 2024 in association with International Association of Research and Developed Organization (IARDO) and Conference World. Ever since the inception of our Institute, we have been striving for excellence in various departments of Engineering, Management and at the very same time marching forward with the mission of professional as well as technical development.

I believe in promoting events to be organized in ATS’s SBGI, Miraj which opens research and innovation avenues for students. This International Conference (Online) is one such step towards motivating students and researchers. The conference greatly encourages graduate and Postgraduate students, research scholars and faculty to present innovative ideas and latest discoveries in the field of engineering and Technology. I would like to extend my gratitude towards organizers and all staff who had done excellent job for the success of this conference.

I congratulate the SBGI organizing team, all faculty members, and all the participants of this conference for their research contributions to future endeavours and for research that brings laurels to the institute and to the field of future education. I am sure that the content of the proceedings will go a long way in the dissemination of knowledge.

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