National Level Conference on Advancements & Future Trends in Engineering and Technology
NLCAFTET-2023

Organized by:
Sambhram Institute of Technology (SaIT)

(Affiliated to Visvesvaraya Technological University)

(Recognized by Government of Karnataka, Approved by AICTE),

M.S.Palya, Bangalore -560097

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Editors

DR. H.G. CHANDRAKANTH
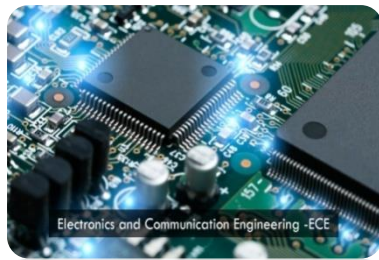
DR. C.V. RAVISHANKAR

MS. RESHU GUPTA

Preface

Conference World and AR Research Publication is fast growing group of academicians in Engineering, Sciences and Management. AR Research Publication is also known for fast reply and zero error work. Conference world has organized a 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 Venkateswara college of Engineering and Technology, Andhra Pradesh, Dhananjay Mahadik Group of Institutions (BIMAT), Shivaji University, Maharashtra, Vedant Engineering Kota and many more places across the country.

We are very pleased to introduce the proceedings of the National Level Conference on Advancements & Future Trends in Engineering and Technology NLCAFTET-2023 as for previous conferences, the theme was the link between the information provided by conference world and the use made of this information in assessing structural integrity. These were the issues 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 35 suitable papers were submitted for presentation at the conference.

Papers were well represented in the conference to arouse a high level of international interest. Three countries were represented in the final program from Europe, North America and Asia. In the event, the conference was highly successful. 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 who were selected for their international standing in the subject. The number of delegates was also highly gratifying, showing the high level of international interest in the subject. This is also indicated by the large number of countries, 01 represented by the delegates. This Proceeding provides the 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 workers 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

Sambhram Institute of Technology, Bangalore proudly announces 7th National Conference on Advancements & Future Trends in Engineering and Technology (NCAFTET-2023). The conference strives to bridge the gap between Industry, Academia and Researchers with emerging technologies. The conference provides a forum for the Researchers, Industry Professionals, Academicians and Students to discover and publish their innovative solutions for real time problems. NCAFTET-2023 covers all the advanced techniques in the areas of Electrical & Electronics, Wireless Communication, Network Security, Cyber Security, Artificial Intelligence, Data Science, Big data Analytics and Information Systems.

The theme selected for NCAFTET-2023 is "Transforming Engineering through Innovation" and its objective is to create a platform for facilitating the exchange of practical experiences in all aspects of Electronics and Computer Engineering in addition to seeking solutions to the various challenges faced by Practicing Engineers, Technologists, and Scientists.

NCAFTET-2023 conference will be conducted in both online and offline modes. The conference provides a platform for Researchers, Industry Professionals, Academicians and Students across the globe to share their research innovative ideas. This conference creates the platform to discuss future research directions, find solutions for existing complex technological challenges and build networks for further research collaboration. The conference seeks submission of novel research work from Practicing Engineers, Technologists, Scientists from R & D Institutions, Research Scholars, Faculty members and Students.

About College

Sambhram Institute of Technology (SaIT) established in the year 2001 by Sambhram Educational Trust, The Sambhram Group of institutions includes Engineering College, Medical College, Nursing colleges, Hotel Management, Dental college, PUC and degree colleges. The sambhram group is famous for their services in education, Health, hotels and resorts, housing and property developments. SaITtoday offers 5 undergraduate, 4 Masters and 5 Doctoral programs in engineering along with MBA program. Located just

13 KM from the heart of Bangalore city spread over an area of 10 acres set in sylvan surroundings and very close to IISc, BEL, HMT, and Indian Air force. Got Industry connected labs of Wipro-Mission10x Lab, Intel Lab, Texas Lab, BMW engine lab, Red Hat , ICT Academy and other prominent industries tie up for training & cortication. Also got Professional organizational student chapters of IEEE, IETE, ISTE & EWB.

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.

Conference Highlights

1. All the accepted papers will be published in the international journals having ISSN & Impact factor.

2. Every author will get two certificates, one for paper publication in Journal other for paper presentation in conference.

3. All the papers of the conference will be published in the conference proceeding with ISBN.

4. All accepted papers will be indexed in Google scholar & IDIIF.

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Dr. K. V. Prasad, Dean – Research, SaIT

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Dr. C.V. Ravishankar

HOD, Dept. of ECE, SaIT.

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Nayaya Abahuraira Garba

College of Education Zing,

State, Nigeria

National Keynote Speakers :

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Development Manager and Senior IT Consultant

Volkswagen Group Technology Solutions India

Ajit Kumar

Operations Manager, Ingenium EdutechPvt ltd, Hyderabad

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