

3rd International Conference
on
“Emerging Trends and Researches in
Professional Development of Faculties in Multi
Disciplinary Domains”

ICETRPDF-2023
27th-28th May 2023

Organized by:



Jan Nayak Ch. Devi Lal (PG) College of Education Sirsa

A Constituent College of Jan Nayak Ch. Devi Lal Vidyapeeth

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In association with: Conference World



3rd International Conference
on
“Emerging Trends and Researches in
Professional Development of Faculties
in Multi Disciplinary Domains”
ICETRPDF-2023

Editors

PROF. DR. JAI PARKASH

PROF. (DR.) RAJENDER KUMAR

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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

3rd International Conference on Emerging Trends and Researches in Professional Development of Faculties in Multi Disciplinary Domains is to bring together leading researchers, engineers, doctors and scientists in the domain of interest from India. We warmly welcome previous & prospected author to submit your new research papers to ICETRPDF-2023 and share the valuable experiences with the scientist and scholars. All full paper submissions will be peer reviewed and evaluated based on novelty, technical and/or research content, relevance with the theme and contributions. All Papers will be published in conference proceedings with ISBN number. Selected Papers will be published in Scopus Indexed Journal and UGC Care listed Journal.

About College

Established in the year 2002 under the aegis of the Ch. Devi Lal Memorial Trust, JCD Vidyapeeth Sirsa is emerging rapidly as a Centre of Excellence in learning and innovation, driven by social sensitivity and State-of-Art technology. It aims at being amongst the top Educational Institutes in the world, offering contemporary education, High quality research and training to suit the ever changing needs of the industry and society. Vidyapeeth has a complete University like structure with its Executive Council, Academic Council and Finance Committee at the apex level . Its constituent units also have their Governing Bodies at the college level. Located in a sprawling serene campus . JCD offers a highly conducive place for teaching- learning process with extremely serene and tranquil environment. The following are the constituent college under JCD Vidyapeeth, Sirsa (Haryana) India .

JCD Dental College, Sirsa

JCD Memorial college of Engineering, Sirsa

JCD Memorial College of Pharmacy, Sirsa

JCD PG College of Education, Sirsa

JCD Institute of Business Management, Sirsa

JCD Memorial PG College, Sirsa

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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Message

Sh. Arjun Singh Chautala,
Chairman, JCD Vidyaapeeth, Sirsa

It gives me immense pleasure to note that the two Days International Conference will be held on the “**Emerging Trends and Researches in Professional Development of Faculties in Multi Disciplinary Domains**” on May 27-28, 2023. I am confident that the Seminar will bring together a kaleidoscope of vibrant ideas and healthy deliberations on a single platform in a fast changing scenario.

I extend my best wishes to all participants, invited delegates, speakers and hope that ICETRPDF-2023 would be a grand success. I intend to take this event ahead as an annual feature, the motive not only is to generate discussions around contemporary issues, but also to propel the culture of academic exchange, which is the only way to achieve excellence in this field.

I congratulate the Institute for organizing the International Conference and wish the programme a grand success.

Wishing you all the Best.

Sh. Arjun Singh Chautala,
Chairman, JCD Vidyaapeeth, Sirsa



Message

Prof. (Dr.) Sudesh Chhikara
Hon'ble Vice Chancellor
BPS Mahila Vishwavidyalya
Vill. Khanpur Kalan, Sonipat

It is a matter of proud privilege to associate with the two Days International Conference on “Emerging Trends and Researches in Professional Development of Faculties in Multi Disciplinary Domains” which will be organized by JCD PG College of Education, Sirsa on 27th - 28th May, 2023. JCD Vidyapeeth, Sirsa gives the platform for innovative ideas of this region to come together through seminar or conference and to serve as a link between academicians and policy makers as well as corporate administrators of the region and the national and international community.

I extend my best wishes to all participants, invited delegates, speakers and hope that ICETRPDF-2023 would be a grand success. I intend to take this event ahead as an annual feature. The motive not only is to generate discussions around contemporary research issues, but also to propel the culture of academic exchange, which is the only way to achieve excellence in the field of Research.

I congratulate the Institute for organizing the International Conference and be the part of this Mega Event.

Wish you all the Best for the Grand Success of This Mega Event.

Prof. (Dr.) Sudesh Chhikara
Hon'ble Vice Chancellor,
BPS, Mahila Vishwavidyalya
Vill. Khanpur Kalan, Sonipat



Message

*Prof. Dr. Kuldip Singh Dhindsa
Director General
JCD Vidyapeeth, Sirsa*

It is indeed a matter of great pleasure that “**Emerging Trends and Researches in Professional Development of Faculty in Multi Disciplinary Domains**”(ICETRPDF-2023) a two days International conference is going to be held on May 27-28, 2023 at JCD PG College of Education, Sirsa. These kinds of events are a righteous endeavor to streamline and enrich the thought process of all the delegates and participants.

The theme of the International conference is quite contemporary and covering various issues of this topic. The organization of such kind of activities provides ample opportunities to share the wisdom and to generate the views regarding these social issues.

It gives me added pleasure to know that a souvenir is also being brought out on this occasion. I extend my heartiest wishes to JCD PG College of Education for a grand success of this academic event. Wishing all the best to all organizers, delegates as well as all the students for the grand success of this Mega Event.

Prof. (Dr.) Kuldip Singh Dhindsa
Director General, JCDV, Sirsa



Message

*Dr. Sudhanshu Gupta
Registrar
JCD Vidyapeeth, Sirsa*

It is in fact very pertinent that “Emerging Trends and Researches in Professional Development of Faculties in Multi Disciplinary Domains”(ICETRPDF-2023) is going to be held on May 27-28, 2023. Today the world has become a global village in every sphere of life. Administrators, Corporate World as well as Policy Makers are adopting new and advanced strategies to face the diversified competition through research. The main purpose of the National Seminar is to provide a forum to committed academicians, research scholars & students from across India to discuss these topical research issues. We must participate and contribute in Contemporary research issues of Education, Engineering, Science and Management to sort out their applications and impacts for better growth and development of the society.

I seek your support and good wishes for this International Conference to be a grand success. I also thank our JCDV Management and Managing Director, JCDV, Prof. Dr. Kuldip Singh Dhindsa for their financial support in organizing of this Conference.

*Dr. Sudhanshu Gupta
Registrar*



Message

*Prof. (Dr.) Jai Parkash,
Principal & Convener
JCD (PG) College of Education, Sirsa*

It is with a sense of delight that JCD PG College of Education is organizing a Two Days International Conference on the theme “**Emerging Trends and Researches in Professional Development of Faculties in Multi Disciplinary Domains**”(ICETRPDF-2023)on May 27-28, 2023. The world is changing very fast. The current researches, constant adaptation and change had made the society growing in new technology. This degree of volatility and change requires thoughtful designs, rigorous planning and diligent oversight to manage the fruitful growth and development of society. In today’s era, research in Education, Engineering, Science, Commerce, and Management has made the society highly advanced and sophisticated.

This Conference will provide a new platform for leading academicians, researchers, practitioners and students to interact and share as well as exchange their valuable experiences. I am confident that the International Conference would be a useful platform for exchange of ideas and best practices and will benefit the society.

I personally express my sincere gratitude to my kind hearted Management, all coordinators, my colleagues as well my sincere students for their Hard Work, Dedication as well devotion to make this Mega Event a Grand Success.

*Prof. (Dr.) Jai Parkash,
Principal & Convener*



Message

*Prof. (Dr.) Rajender Kumar
Professor & Organising Secretary
JCD (PG) College of Education, Sirsa*

It gives me immense pleasure to note that the two Days International Conference will be held on the “**Emerging Trends and Researches in Professional Development of Faculty in Multi Disciplinary Domains**” on May 27-28, 2023. I am confident that the international conference will bring together a kaleidoscope of vibrant ideas and healthy deliberations on a single platform in a fast changing scenario.

I extend my best wishes to all participants, invited delegates, speakers and hope that ICETRPDF-2023 would be a grand success. I intend to take this event ahead as an annual feature. The motive not only is to generate discussions around contemporary issues, but also to propel the culture of academic exchange, which is the only way to achieve excellence in this field.

I congratulate the Institute for organizing the International Conference and wish the programme a grand success.

Wishing you all the Best.

**Prof. (Dr.) Rajender Kumar
Organizing Secretary**



Message

Prof. Lawan Sani Musa
Bayaro University Kano (B.U.K)
Nigeria

(International Key Note Speaker)

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Wishing you all the Best.

Prof. Lawan Sani Musa
Bayaro University Kano (B.U.K)
Nigeria



Message

Prof. Nura Yakubu
Kaduna State University
Nigeria

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Wishing you all the Best.

Prof. Nura Yakubu
Kaduna State University
Nigeria

Message



*Prof. (Dr.) Vandana Poonia
Dean of Faculty of Education
UGC-HRDC
GJU S & T, Hisar*

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Wish you all the Best for the Grand Success of This Mega Event.

*Prof. (Dr.) Vandana Poonia
Dean of Faculty of Education
UGC-HRDC
GJU S & T, Hisar*



Message

Ms. Reshu Gupta,
CEO Conference World

It gives me immense pleasure to note that the two Days International Conference will be held on the “**Emerging Trends and Researches in Professional Development of Faculties in Multi Disciplinary Domains**” on May 27-28, 2023. I am confident that the International Conference will bring together a kaleidoscope of vibrant ideas and healthy deliberations on a single platform in a fast changing scenario.

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Ms. Reshu Gupta,
CEO Conference World

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