

Programme Organized for Faculty Development

No.	Programme Title	Category	Type	Duration
2021-2022				
1	National Education Summit 2021-Envisioning the Reforms in higher Education in Regard to National Education Policy 2020	Seminar	National	7th Aug, 2021
2	Transforming Teachers for a Sustainable Post COVID-19 World	FDP	National	16-20 Aug 2021
3	International Conference on Role of ICT in Management and Business: Practices, Trends and Prospects (ICRIMB-2022)	Conference	International	25-26 March 2022
4	FDP on Outcome Based Education by Dr. P S Grover	FDP	National	10-Jul-21
5	Emergence of Blockchain Technology and Cryptocurrencies	FDP	National	9-14 Aug 2021
2022-2023				
1	International Conference on Industry 4.0 and Key Drivers of Sustainability in Amrit Kaal (IKDSAK2023)	Conference	International	28-29 April 2023
2	Faculty Development Programme on Innovative Research and Teaching Practices	FDP	National	Sept 1-7, 2022
2023-2024				
1	Two Days ICSSR Sponsored National Conference on "NEP2020: "A Paradigm Shift in Media Education and ensuring quality with the Global Framework of the G20", IITM New Delhi	Conference	National	22-23 Jan 2024
2	Two Days International Conference on Advances in Computational Intelligence and Application	Conference	International	21-22 June 2024
3	FDP on Quality Education and Accreditation: NEP 2020	FDP	National	1-14 Aug 2023
4	FDP on NEP: 2020 Quality Assurance and Enhancement	FDP	National	15-27 July 2024

Rachita Rana
Dr. Rachita Rana
Director

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INSTITUTIONAL ANNIVERSARY



THE G20 INDIA
LEADERSHIP
SUMMIT 2023
NEW DELHI, INDIA



Nurturing Excellence



Institute of Information Technology & Management

AICTE Approved, NAAC Accredited (Grade 'A')
Affiliated to Guru Gobind Singh Indraprastha University, New Delhi
INTERNATIONAL CONFERENCE ON "INDUSTRIES 4.0 AND KEY DRIVERS OF
SUSTAINABILITY IN AMRIT KAAL": IKDSAK 2023
(28-29, April 2023 in Hybrid Mode)

Sponsored by **GGSIU University**

Certificate

Shivitha Pravi

This is to certify that Prof./DR./ Mr./Ms..... of
..... has
Participated / Presented Paper on title: *SA study on Conceptual Framework of e-Marketing in India: and
Its Awareness among Users.*
/Chaired the Session in the 'INTERNATIONAL CONFERENCE ON "INDUSTRIES 4.0 AND KEY DRIVERS OF
SUSTAINABILITY IN AMRIT KAAL": IKDSAK 2023.' held on 28th-29th, April 2023.

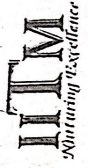
Not

(Prof.) Dr. Vandana Raghava
Conference Convener

Rachita Rana
(Prof.) Dr. Rachita Rana
Director

Rachita Rana
Dr. Rachita Rana
Director
Institute of Information Technology &
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Certificate of Participation

The Certificate is Awarded to

Dr. Shwetha Ravi

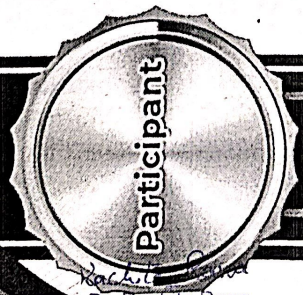
for participation in "Faculty Development Programme" on
 "Innovative Research and Teaching Practices"
 from September 1-7, 2022.

Vandana Raghava

Prof. (Dr.) Vandana Raghava
 Convener

Prerna

Prof. (Dr.) Prerna Mahajan
 Director



Dr. Rachita Rana
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International Conference on Role of ICT in Management and Business: Practices, Trends and Prospects (ICRIMB-2022)

This is to certify that Mr./Ms./Prof./Dr. Suraksha Rani.....from
IITM Janakpuri, Delhi.....
Participated in International Conference on Role of ICT in Management and Business:
Practices, Trends and Prospects held on 25 th - 26 th March 2022 at Institute of Information
Technology and Management, New Delhi. He/ She also chaired a session on.....
Management & Sustainability in Business Practices.....

Organizing Chair
Dr. Gopal Singh Latwal
Organizing Chair
General Chair
Prof.(Dr.) Sudhir Kumar Sharma
General Chair
Director-IITM
Prof.(Dr.) Prerna Mahajan
Director-IITM



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International Conference on Role of ICT in Management and Business: Practices, Trends and Prospects (ICRIMB-2022)

This is to certify that Mr./Ms./Prof./Dr. Gopal Singh Latwal.....from
IITM Janakpuri, Delhi.....

Participated in International Conference on Role of ICT in Management and Business:
Practices, Trends and Prospects held on 25th - 26th March 2022 at Institute of Information
Technology and Management, New Delhi. He/ She also chaired a session on.....

ICT And Marketing Management.....

Gopal Latwal
Dr. Gopal Singh Latwal
Organizing Chair

S.K. Sharma
Prof.(Dr.) Sudhir Kumar Sharma
General Chair

Prerna Mahajan
Prof.(Dr.) Prerna Mahajan
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ICT ACADEMY



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विकसित भारत
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FACULTY DEVELOPMENT PROGRAMME

CERTIFICATE

OF APPRECIATION

This Certificate is proudly presented to

Dr. Gopal Singh Lalwal

Faculty of IITM, Janakpuri, Resource Person
in Faculty Development Programme on Adoption of
NEP-2020: Quality Assurance and Enhancement from
15th July, 2024 to 23rd July, 2024

Gopal Singh Lalwal

Dr. Gopal Singh Lalwal
Convener-PDP

Rachita Rana
Prof. (Dr.) Rachita Rana
Director

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National Conference on "NEP-2020: A Paradigm Shift in Media Education and Ensuring Quality with the Global Framework of the G-20"

(January 22 - 23, 2024 in Hybrid Mode)

Sponsored by ICSSR

CERTIFICATE

This is to certify that Prof. / Dr. / Mr. / Ms. Gopal Singh Latwal, Associate Professor of Institute of Information Technology & Management, New Delhi has participated / Presented Paper on title National Education Policy 2020 : Transforming Higher Education in India

/ Chaired / Co-Chaired the Session in the National Conference on "NEP-2020: A Paradigm Shift in Media Education and Ensuring Quality with the Global Framework of the G-20" held on January 22 - 23, 2024.


Dr. Nivedita Sharma
Conference - Convener


Prof. (Dr.) Rachita Rana
Director, IITM

Rachita Rana
Dr. Rachita Rana
Director
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FACULTY DEVELOPMENT PROGRAMME

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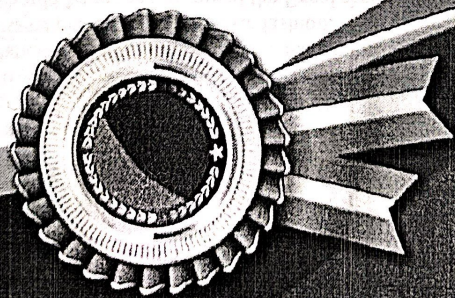
Dr. Anurita Pravi

Faculty / Research scholar of IITM, Janakpuri
for active participation in Faculty Development
Programme on **Adoption of NEP-2020: Quality
Assurance and Enhancement** from 15th July,
2024 to 23rd July, 2024

Gopal Singh Lalwal


Dr. Gopal Singh Lalwal
Convener-FDP

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Prof. (Dr.) Rachita Rana
Director



Rachita Rana
Dr. Rachita Rana
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Institute of Information Technology &
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ROLE OF ICT IN MANAGEMENT AND BUSINESS: PRACTICES, TRENDS AND PROSPECTS

PROF. (DR.) SUDHIR KUMAR SHARMA
DR. GOPAL SINGH LATWAL
PROF. (DR.) PRERNA MAHAJAN
DR. MARCIN PAPERZYCKI
EDITORS

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Industries 4.0 and Key Drivers of Sustainability in Amrit Kaal



Prof. (Dr.) Vandana Raghava
Prof. (Dr.) Rachita Rana



and economic aspects. We will examine the key drivers that shape sustainable practices in the context of Industry 4.0, exploring concepts such as circular economy, renewable energy, and resource efficiency.

Industry 4.0, also known as the Fourth Industrial Revolution, is transforming the way we work and live. It involves the integration of advanced technologies such as artificial intelligence, the internet of things, robotics, and automation into manufacturing and other industries. The goal is to create smart factories and digital supply chains that are more efficient, flexible, and sustainable.

Sustainability has become a critical issue in today's world, with concerns over climate change, resource depletion, and environmental degradation. Industry 4.0 offers a unique opportunity to address these challenges by reducing waste, improving energy efficiency, and creating more sustainable business models.

Drawing on real-world case studies, best practices, and expert insights, this book will examine how Amrit Kaal, as a representative city, is navigating the challenges and opportunities of Industry 4.0 while embracing sustainability. We will explore the innovative initiatives and strategies employed by businesses, policymakers, and civil society organizations to forge a sustainable path forward.

Finally, we will reflect on the potential future scenarios that await us in the intersection of Industry 4.0 and sustainability, outlining the opportunities for collaboration, innovation, and systemic change. By understanding the dynamics of this evolving landscape, we can equip ourselves with the knowledge and tools to shape a future that is not only technologically advanced but also socially inclusive and environmentally resilient.

It is our hope that this book serves as a comprehensive guide, inspiring and empowering individuals and organizations alike to embrace the transformative power of Industry 4.0 while prioritizing sustainability. Let us embark on this journey together, as we strive to build a future where technology and sustainability go hand in hand, paving the way for a prosperous and harmonious Amrit Kaal.

Prof. (Dr.) Vandana Raghava
Prof. (Dr.) Rachita Rana



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NEP-2020

A Paradigm Shift in Media Education
and Ensuring Quality with the Global
Framework of the G-20



Dr. Nivedita Sharma
Prof. (Dr.) Rachita Rana

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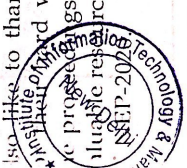
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topics including:

- Salient Features of NEP-2020 with G-20 context.
- Integrity Teaching in Media Education with global perspective.
- Inclusiveness and Equity: Issues and challenges.
- Media Integration & Academic Flexibility under NEP-2020.
- The Evolving Role of Media in Education: Leveraging Technology for Enhanced Learning Outcomes.
- Digital Divide and Media's role in bridging educational gaps with emphasis of NEP-2020.
- Integrating Artificial Intelligence in Classroom Learning: Implications on NEP-2020.
- Augmented Media: Content Creation and Development Strategies for Education and creating benchmarks with AI generated Content.
- Student Engagement and Learning Design.
- AI in Education for educational equality: promoting inclusivity and digital education under NEP-2020.

The chapters are selected papers from National Conference 2024 held at Institute of Information Technology & Management, New Delhi on 22nd-23rd January 2024. The contributors in the proceedings offer valuable insights, issues and challenges of NEP-2020. This book explores into the densities of NEP-2020 and the paradigm shift, it brings about in media education aligning it with the 2020's global standards.

We would like to express our gratitude to all the participants who contributed to this conference and the proceedings. We would also like to thank the organizing committee and the reviewers who put in hard work and dedication in ensuring the quality of the proceedings. We hope that these proceedings will serve as a valuable resource for anyone interested in knowing the nittygrittes



Advances in Computational Intelligence and Applications

Editors

Prof. (Dr.) Rachita Rana

Prof. (Dr.) Ganesh Kumar Wadhvani

Dr. Pankaj Kumar Varshney

Director
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Management, New Delhi



- Unlocking the Potential: Navigating the Landscape of IoT - Applications, Hurdles, and Visions Ahead
- AI in Cricket Analytics: Transformative Machine Learning Models for Score Prediction
- Aircrafts Recognition Using Convolution Neural Network
- Cloud based real time water quality monitoring system
- Application of Neural Network in Handwriting Word Recognition System

The chapters are selected from International Conference 2024 held at Institute of Information Technology & Management, New Delhi on 21st - 22nd June 2024. The contributors in the proceeding offer valuable insight into Applications of Computational Intelligence. This book underscores the interdisciplinary nature of computational intelligence, highlighting its relevance across various domains such as healthcare informatics, financial forecasting, process automation, robotics, and computational biology.

We would like to express our gratitude to all the participants who contributed to this conference and the proceeding. We would also like to thank the organizing committee and the reviewer for their hard work and dedication in ensuring the quality of the proceedings. We hope that these proceedings will serve as a valuable resource for anyone interested in knowing about advances in computational intelligence and its applications.

Prof. (Dr.) Rachita Rana
Prof. (Dr.) Ganesh Kumar Wadhvani
Dr. Pankaj Kumar Varshney

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