



TECHNO INDIA NJR INSTITUTE OF TECHNOLOGY

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Faculty Development Program
On

Soft Computing approach towards Microwave Application

 3-5 Nov., 2022

 Seminar Hall, Techno Knowledge Campus

Speaker: Mr. Sunil Nanda, Associate Professor,
Dr. Vivek Jain, Associate Professor

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Report on Faculty Development Programme: Fundamentals of Soft Computing and Microwave Systems

Event Date: 3-5 Nov 2022

Venue: Seminar Hall

No of Participants: 15

Introduction

The Faculty Development Programme (FDP) described herein focuses on imparting essential knowledge and training in the domains of Soft Computing and Microwave systems. This comprehensive program aims to provide participants with expert insights from both academia and industry, equipping them with the necessary tools to engage in research and development within these fields. The FDP will adopt a hybrid approach, offering both online and offline components to facilitate widespread participation and engagement.

Objectives

The primary objective of this FDP is to offer a detailed exposure to faculty members. Through expert lectures and interactive sessions, participants will gain insights into the latest innovations, trends, practical challenges, and solutions in Soft Computing techniques. By the end of the program, attendees should be proficient in understanding and applying various concepts related to:

1. Evolutionary Computing
2. Combinatorial and Numerical Optimization
3. Swarm Intelligence
4. Fuzzy Clustering Algorithms and Optimization Techniques
5. Nature-Inspired Computing Techniques
6. Hybridization with Novel Computing Paradigms
7. Meta-Material Synthesis using Soft Computing
8. Antenna Optimization
9. Microwave Devices
10. Machine Learning for Antenna Engineering
11. Beneficiaries

This programme is particularly beneficial for faculty members aspiring to delve deeper into research within the realms of Soft Computing and Microwave systems. Additionally, it caters to the needs of research scholars, postgraduates, and undergraduates seeking to expand their knowledge and expertise in these areas.

Conclusion

In conclusion, the Faculty Development Programme on the Fundamentals of Soft Computing and Microwave Systems promises to be a valuable learning experience for all participants. By

providing in-depth insights and practical training, this program aims to empower attendees to tackle the challenges and leverage the opportunities presented by these dynamic fields.

List of participants:

1	Mr Abhishek Sharma
2	Mr Aditya Maheshwari
3	Mr Akhilesh Arya
4	Ms Archana Sachin Rahane
5	Mr Bharat Kumar Suthar
6	Mr Hitesh Sen
7	Mr Jitendra Choubisa
8	Ms Kirti Purswani
9	Ms Kriti Jain
10	Ms Nikita Menaria
11	Ms Nisha Patel
12	Mr Nishit Jain
13	Mr Pankaj Ameta
14	Ms Payal Patel
15	Ms Pooja Dave



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Certificate of Participation

This certificate is presented to Dr./Mr./Ms. ABHISHEK SHARMA

For his/her participation in Faculty Development Program on “Soft Computing Approach Toward Microwave Application” organized by Techno India NJR Institute of Technology, Udaipur on 3-5 Nov, 2022

Mr. R.S. Vyas
(Director)



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This certificate is presented to Dr./Mr./Ms. ADITYA MAHESHWARI

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This certificate is presented to Dr./Mr./Ms. AKHILESH ARYA

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This certificate is presented to Dr./Mr./Ms. ARCHANA SACHIN RAHANE

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This certificate is presented to Dr./Mr./Ms. **BHARAT KUMAR SUTHAR**
For his/her participation in Faculty Development Program on “Soft Computing Approach
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This certificate is presented to Dr./Mr./Ms. HITESH SEN

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This certificate is presented to Dr./Mr./Ms. JITENDRA CHOUBISA

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