

#### TECHNO INDIA NJR INSTITUTE OF TECHNOLOGY

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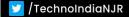
Faculty Development Program
On

# Soft Computing appraoch towards Microwave Application

🖶 3-5 Nov., 2022

Seminar Hall, Techno Knowledge Campus

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







#### 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



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

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



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

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)



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

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



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

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Mr. R.S. Vyas



This certificate is presented to Dr./Mr./Ms. BHARAT KUMAR SUTHAR

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Mr. R.S. Vyas



This certificate is presented to Dr./Mr./Ms. HITESH SEN

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



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Mr. R.S. Vyas



This certificate is presented to Dr./Mr./Ms. KIRTI PURSWANI

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



This certificate is presented to Dr./Mr./Ms. KRITI JAIN

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



This certificate is presented to Dr./Mr./Ms. NIKITA MENARIA

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

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This certificate is presented to Dr./Mr./Ms. NISHA PATEL

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This certificate is presented to Dr./Mr./Ms. NISHIT JAIN

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This certificate is presented to Dr./Mr./Ms. PANKAJ AMETA

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This certificate is presented to Dr./Mr./Ms. PAYAL PATEL

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This certificate is presented to Dr./Mr./Ms. POOJA DAVE

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