**Research and Skill Development Programme (RSDP) on “AI in Cyber Security and Forensic Science”**

**15-17, September, 2025**

**Schedule**

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| **Day 1**  **Foundations of AI in Cybersecurity and Forensic Science** | **Time** | **Session Title** | **Speaker/Expert** |
| 10:30 AM – 11:30 AM | **Inauguration** & **Keynote**: The Role of AI in Cybersecurity and Forensic Science | Dr. J. M. Vyas, Hon’ble Vice Chancellor NFSU |
| 11:30 AM- 12:00 PM | **Tea Break** | |
| 12:00 PM– 1:30 PM | **Session** 1: Introduction to AI in Cyber Security and Forensic Science | Dr. Ranjit Kolkar, Assistant Professor |
| 01:30 PM- 02:30 PM | **Lunch Break** | |
| 2:30 PM – 4:00 PM | **Session** 2: Introduction to AI- Hands-on | Dr. Ranjit Kolkar, Assistant Professor |
| **Day 2**  **AI Applications in Digital Forensic** | 10:30 AM – 11:30 AM | **Session** 3: AI based Crime and Investigations | Prof. (Dr.) Naveen Kumar Chaudhary, Director NFSU Goa |
| 11:30 AM- 12:00 PM | **Tea Break** | |
| 12:00 PM– 1:30 PM | **Session** 4: Applied Data Science in Cyber Security and Forensic Science | Dr. Jovi D’ Silva, Assistant Professor |
| 01:30 PM- 02:30 PM | **Lunch Break** | |
| 2:30 PM – 4:00 PM | **Session** 5: Applications of AI tools in Cyber Crime Investigation and Deep Fake Detection | Expert Session |
| **Day 3**  **Emerging Trends and Practical Insights** | 10:30 AM – 11:30 AM | **Session** 6: Deep Learning for Cybercrime Investigations | Dr. Ranjit Kolkar, Assistant Professor |
| 11:30 AM- 12:00 PM | **Tea Break** | |
| 12:00 PM– 1:30 PM | **Session** 7: Ethics in AI for Criminal Justice System | Prof. (Dr.) Naveen Kumar Chaudhary, Director NFSU Goa |
| 01:30 PM- 02:30 PM | **Lunch Break** | |
| 2:30 PM – 4:00 PM | **Panel Discussion** on Future of AI in Cybersecurity and Forensic Science | Expert Pandits |