**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** |
| 10:00 AM – 11:00 AM | **Inauguration** & **Keynote**: The Role of AI in Cybersecurity and Forensic Science | Hon’ble Chief Guest |
| 11:00 AM- 11:30 AM | **Tea Break** | |
| 11:30 AM– 1:00 PM | **Session** 1: Introduction Forensic Science and challenges | Dr. Inderbhan Singh, Assistant Professor, NFSU Goa |
| 01:00 PM- 02:00 PM | **Lunch Break** | |
| 2:00 PM – 4:00 PM | **Session** 2: Introduction to Cyber Security and Artificial Intelligence | Dr. Ranjit Kolkar, Assistant Professor, NFSU Goa |
| **Day 2**  **AI Applications in Digital Forensic** | 10:00 AM – 11:00 AM | **Session** 3: AI based Crime and Investigations | Prof. (Dr.) Naveen Kumar Chaudhary, Director NFSU Goa |
| 11:00 AM- 11:30 AM | **Tea Break** | |
| 11:30 AM– 1:00 PM | **Session** 4: Evolution of AI in Storage Media Forensics | Dr. Nitesh K Bharadwaj, Assistant Professor, NIT Raipur |
| 01:00 PM- 02:00 PM | **Lunch Break** | |
| 2:00 PM – 4:00 PM | **Session** 5: Applied Data Science in Cyber Security and Forensic Science | Dr. Jovi D’ Silva, Assistant Professor |
| **Day 3**  **Emerging Trends and Practical Insights** | 10:00 AM – 11:00 AM | **Session** 6: Ethics in AI for Criminal Justice System | Prof. (Dr.) Naveen Kumar Chaudhary, Director NFSU Goa |
| 11:00 AM- 11:30 AM | **Tea Break** | |
| 11:30 AM– 1:00 PM | **Session** 7: Malware Analysis and AI | Dr. Chirag Modi, Associate Professor, NIT Goa |
| 01:00 PM- 02:00 PM | **Lunch Break** | |
| 2:00 PM – 4:00 PM | **Session 8.**  Applications of AI tools in Cyber Crime Investigation and Deep Fake Detection | Dr. Ranjit Kolkar, Assistant Professor, NFSU Goa |