

**Schedule of ATAL
BASIC OFFLINE FDP**

FDP Application Number: 1743054776

Title of the FDP: The Transformative Role of AI in Urban Development, Healthcare Advancements, and Emerging Industries

FDP Start Date: 07-07-2025

FDP End Date: 12-07-2025

Day 1	Day 2	Day 3	Day 4	Day 5	Day 6
9:00 – 9:30 Inauguration					
9:30 – 12:00 Session 1 1. Name of the Expert : Dr. M. Humera Khanam 2. Designation : professor 3. Organization: Sri Venkateswara University 4. Experience in Years: 24 years 6. Topic to be taught: Introduction to AI and ML	9:30 – 12:00 Session 3 1. Name of the Expert: Dr.M.V.Manoj Kumar. 2. Designation : Professor 3. Organization: Nitte Meenakshi Institute of Technology 4. Experience in Years: 15 5. Topic to be taught: AI in smart Traffic Management	9:30 – 12:00 Session 5 1. Name of the Expert : Dr.N.shilpa 2. Designation : Chief scientist 3. Organization: Arran Scientific APIIC 4. Experience in Years: 15 5. Topic to be taught: AI in Medical Imaging & Diagnosis	9:30 – 12:00 Session 7 1. Name of the Expert : Dr.Vishnu Yarlagadda. 2. Designation : Associate professor 3. Organization: Manipal Institute of Technology, 4. Experience in years: 12 years 5. Topic to be taught: AI in FinTech: Fraud Detection & Risk Management.	9:00 – 1:00 Industrial visit 1. Name of the Organization: Srivensy Technologies Pvt.Ltd 2. Complete address with pin code : 23-2-212, TTD Plots, Vk PuramTirupati, Andhra Pradesh 517502 3. Industry Type: IT 4. Area of specification : Artificial Intelligence And Data Science	9:30 – 12:00 Session 10 1. Name of the Expert : Dharshini JD 2. Designation : Chief Technical Officer 3. Organization: Srivensy technologies Pvt Ltd 4. Experience in Years: 20years 5. Topic to be taught: AI Project Work & Industry Applications.
12:00 – 1:00 Article Discussion 1. Title of the Research Paper : A Review of AI for Urban Planning: Towards Building Sustainable Smart Cities Input from User 2. Name of the journal:	12:00 – 1:00 Article Discussion 1. Title of the Research Paper : Algorithmic urban planning for smart and sustainable development: Systematic review of the literature 2. Name of the journal: ELSEVIER	12:00 – 1:00 Article Discussion 1. Title of the Research Paper : The future of pharmaceuticals: Artificial intelligence in drug discovery and development 2. Name of the journal: Journal of Pharmaceutical	12:00 – 1:00 Article Discussion 1. Title of the Research Paper : Artificial Intelligence in Fintech: Emerging Trends and Use Cases 2. Name of the journal: IEEE 3. Year of Publication:		12:00 – 1:00 Article Summary

IEEE Explorer 3. Year of Publication: 2024	3. Year of Publication: 2023	Analysis 3. Year of Publication: 2025	2024		
1:00 – 2:00 Lunch	1:00 – 2:00 Lunch	1:00 – 2:00 Lunch	1:00 – 2:00 Lunch	1:00 – 2:00 Lunch	1:00 – 2:00 Lunch
2:00 – 4:30 Session 2 1.Name of the Expert: Mr.MS.Rajanikanth. 2.Designation : Assistant professor 3.Organization: Shri Gnanambica Degree College(Autonomous) 4.Experience in Years: 11 5.Topic to be taught: AI Applications in Urban Development	2:00 – 4:30 Session 4 1. Name of the Expert: B.Vijaya Raju. 2. Designation : Senior Security Engineer. 3. Organization: UNISYS Clobal Services India 4. Experience in Years: 11 years 5. Topic to be taught: Ai in Energy Management &Sustainability	2:00 – 4:30 Session 6 1. Name of the Expert :Dr.Sharon Priya Alexander 2. Designation : Manager 3. Organization: Bangalore Bioinnovation Center 4. Experience in Years: 10 years. 5. Topic to be taught: Personalized Medicine & AI in Drug Discovery	2:00 – 4:30 Session 8 1. Name of the Expert : T.Rajesh 2. Designation : Senior developer 3. Organization: Halemind Inc 4. Experience in Years: 10.5Years. 5. Topic to be taught: AI in Autonomous Vehicles & Smart Manufacturing	2:00 – 4:30 Session 9 1. Name of the Expert : Anand Kammara 2. Designation : Technical Lead 3. Organization: Birla Soft 4. Experience in Years: 12years 5. Topic to be taught: Research Opportunities in AI	2:00 – 4:00 MCQ & Reflection Journal
4:30 – 5:30 Hands on training /Labs	4:30 – 5:30 Hands on training /Labs	4:30 – 5:30 Hands on training /Labs	4:30 – 5:30 Hands on training /Labs	4:30 – 5:30 Hands on training /Labs	4:00 – 5:00 Valedictory Session