



**ST. FRANCIS COLLEGE**

Koramangala, Bangalore, India

Affiliated to Bengaluru City University, Approved By AICTE



**AICTE TRAINING AND LEARNING (ATAL) ACADEMY SPONSORED**

**6 DAY ONLINE FACULTY DEVELOPMENT PROGRAMME 2024-25**

**Driving Innovation for Sustainable Urban Growth: Smart Cities, Mobility, Logistics and Start-up Ecosystems**

**2ND - 7TH DECEMBER 2024**



**NO REGISTRATION FEE FOR PARTICIPANTS**

Scan QR Code for Registration Link



**Organized by : St. Francis College, Koramangala, Bengaluru**

**Program Coordinators : Dr Pankaj A Tiwari & Karthik P**

### **ATAL Academy:**

The AICTE Training and Learning (ATAL) Academy was established with the vision "To empower faculty to achieve goals of Higher Education such as access, equity, and quality." AICTE remains committed to the advancement of quality technical education across the country, actively supporting various initiatives launched by the Government of India, Ministry of Human Resource Development. Recognizing the importance of constitutional, criminal, corporate, international, human rights, and environmental law, the council offers programs that allow students to engage in practical experiences, such as moot courts, legal aid clinics, internships, and research projects. Participants will find the sessions offered by St. Francis College both rewarding and enriching, and are encouraged to make the most of these opportunities in their pursuit of excellence.



### **About St. Francis College:**

St. Francis College (SFC), managed by the Sevasadan Orphanage & Training Institute Society / Trust, is built on the values of moral integrity, social responsibility, and a commitment to excellence. Since its establishment in 2019 under Bengaluru City University (BCU), the college has grown rapidly, expanding from nine programs and 393 students to now serving over 2,900 students. SFC offers eleven undergraduate and three postgraduate programs, fostering partnerships with over thirty industry and educational organizations. The college emphasizes experiential learning by integrating theoretical knowledge with practical experience through seminars, workshops, and skill enhancement activities. Its commitment to entrepreneurship is evident in its top ranking in the National Entrepreneurship Challenge 2023 and its active Institution's Innovation Council (IIC), which promotes innovation through hackathons and ideation sessions. Situated on a 14.5-acre campus, SFC fosters a holistic education, integrating sports and extracurricular activities to create well-rounded, socially responsible graduates.



### **About FDP:**

The proposed AICTE Faculty Development Program (FDP) consists of 13 carefully structured online sessions, each lasting 90 minutes, focused on the key areas of Logistics, Smart Cities and Mobility, and Entrepreneurship & Start-up Ecosystems. The sessions will offer participants a comprehensive understanding of foundational concepts like smart cities, urban planning, and the role of technology in transforming urban logistics and mobility systems. Topics include digital transformation, the role of IoT, AI, and Industry 4.0 in logistics and supply chain management, and fostering start-up ecosystems within smart cities. Key areas like sustainable infrastructure for start-ups, public-private partnerships, and government policies driving smart city initiatives will be explored. Participants will also learn how innovation and entrepreneurship are shaping future mobility solutions, logistics automation, and smart city success. By integrating advanced technologies with policy support, the FDP aims to equip educators with valuable insights to foster innovation-driven ecosystems in modern cities.





### **Objectives of the FDP:**

- To provide participants with a comprehensive understanding of smart cities, focusing on urban planning, sustainability, and the integration of advanced technologies.
- To explore innovative mobility solutions and the impact of digital transformation technologies like IoT, AI, and Industry 4.0 in enhancing urban logistics and mobility systems.
- To equip participants with insights on fostering start-up ecosystems within smart cities through innovation hubs, incubation centers, and government initiatives.
- To highlight the role of entrepreneurship in shaping future mobility solutions and logistics, emphasizing the intersection of technology, innovation, and venture capital.
- To examine the importance of public-private partnerships and government policies in driving smart city development and supporting start-up ecosystems.



### **Course Content:**

The sessions will be delivered by experts from both industry and academia, encompassing both international and national perspectives:

- Foundations of Smart Cities introduce the concept and significance in modern urban planning.
  - Smart Mobility Solutions explore innovative mobility solutions within smart cities.
  - Digital Transformation in Logistics examines the role of digital technologies in transforming logistics operations.
  - Building a Start-up Ecosystem focuses on fostering a start-up ecosystem within smart cities.
  - Entrepreneurship in Mobility addresses the intersection of entrepreneurship and emerging mobility solutions.
  - Smart Logistics and Supply Chain Management optimizes logistics operations in smart cities through technology.
  - Creating Sustainable Infrastructure discusses the infrastructure needed to support start-ups in smart cities.
  - Challenges for Start-ups in Smart Logistics explore the challenges and opportunities for logistics start-ups.
  - Public-Private Partnerships highlight the role of collaborations in driving smart city projects.
  - Leveraging AI and IoT harnesses advanced technologies to improve mobility and logistics.
  - Innovation and Entrepreneurship promote sustainable start-ups in smart cities.
  - Integrating Smart Mobility and Logistics explores synergies between mobility solutions and logistics networks.
  - Policy and Regulation examine how policies and regulations can influence start-up ecosystems in smart cities.
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### **Eligibility:**


Faculty members of the AICTE-approved institutions, Research scholars, PG Scholars, participants from Government Industry (Bureaucrats/ Technicians Participants from Industry, etc.), and staff of host institutions are eligible to apply for the FDP.

### **Registration Fee:**

No registration fee is charged to the participants. Eligible participants will be selected on a first come first served. On completion of the course, an objective assessment will be done and certificates will be awarded to successful participants by ATAL Academy.

### **Certification:**

Certificates will be issued by AICTE Training and Learning (ATAL) academy to participants who have attended the program with minimum 80% attendance and scored minimum 60% marks in the test.



## PROGRAM SCHEDULE

Day wise schedule	Time / Session	Topic / Resource Person
Day 1	6:00PM to 6:30PM <b>Inaugural Session</b>	<b>Key Note Speaker</b> Sri Manivanan P (IAS Officer)
Day 1	6:30PM to 8:00PM <b>Session 1</b>	<b>Topic:</b> Smart Cities and Their Role in Sustainable Urban Development <b>Resource Person:</b> Lt. Col. Monish Ahuja (Rtd.)
Day 1	8:00PM to 9:30PM <b>Session 2</b>	<b>Topic:</b> Smart Mobility Solutions for Urban Efficiency <b>Resource Person:</b> Priyanka Shrivastava
Day 2	6:00PM to 7:30PM <b>Session 3</b>	<b>Topic:</b> Digital Transformation in Logistics: The Impact of Industry 4.0 <b>Resource Person:</b> Lim Weng Marc
Day 2	7:30PM to 9:00PM <b>Session 4</b>	<b>Topic:</b> Building a Start-up Ecosystem in the Smart City Context <b>Resource Person:</b> Ravi Mukundan
Day 3	6:00PM to 7:30PM <b>Session 5</b>	<b>Topic:</b> Role of Entrepreneurship in Shaping the Future of Energy/ Mobility <b>Resource Person:</b> Nikhil Srivastava
Day 3	7:30PM to 9:00PM <b>Session 6</b>	<b>Topic:</b> Smart Logistics and Supply Chain Management <b>Resource Person:</b> Swapnil Taparia
Day 4	6:00PM to 7:30PM <b>Session 7</b>	<b>Topic:</b> Creating Sustainable and Smart Infrastructure for Start-up Ecosystems <b>Resource Person:</b> Vadiraj Managoli
Day 4	7:30PM to 9:00PM <b>Session 8</b>	<b>Topic:</b> Challenges and Opportunities for Start-ups in Smart Logistics <b>Resource Person:</b> Dr. Vanishree M Ramkrishna



## PROGRAM SCHEDULE

Day wise schedule	Time / Session	Topic / Resource Person
Day 5	6:00PM to 7:30PM Session 9	<b>Topic:</b> Public-Private Partnerships for Smart City Development <b>Resource Person:</b> Monica Smith
Day 5	7:30PM to 9:00PM Session 10	<b>Topic:</b> Leveraging AI and IoT for Smart Mobility and Logistics <b>Resource Person:</b> Dr Meenakshi Patil
Day 6	2:00PM to 3:30PM Session 11	<b>Topic:</b> Innovation and Entrepreneurship in Smart Cities: Building Sustainable Start-ups <b>Resource Person:</b> Dr Rashmi Gujrati
Day 6	3:30PM to 5:00PM Session 12	<b>Topic:</b> Integrating Smart Mobility and Logistics for Smart City Success / System dynamics for sustainable urban planning. <b>Resource Person:</b> Jalvath A / Abhijith Neerkaje
Day 6	5:00PM to 6:30PM Session 13	<b>Topic:</b> Policy, Regulation, and Start-up Ecosystems in Smart Cities <b>Resource Person:</b> Devika Valsaraj
Day 6	6:30PM to 7:30PM	<b>Online test &amp; feedback</b>
Day 6	7:30PM to 8:00PM Valedictory Session	<b>Key Note Speaker:</b> Suman Pandit



## RESOURCE PERSONS

**Sri Manivanan P, IAS**

- **Principal Secretary to Government  
Social Welfare Department, Govt. of Karnataka, India**



**Lt. Col. Monish Ahuja (Rtd.)**

- **Chairman  
Confederation of Biomass Energy Industry of India**



**Priyanka Shrivastava**

- **Professor & TEDx Speaker,  
Hult International Business School, Dubai, UAE**



**Lim Weng Marc**

- **Dean & Professor, Sunway University  
Selangor Darul Ehsan, Malaysia**



**Ravi Mukundan**

- **CEO & Lead Consultant, 10XG Ventures  
Bengaluru, Karnataka, India**



**Nikhil Srivastava**

- **CEO & Founder, Blueneba Technologies Pvt Ltd.  
Gurugram, India**



## RESOURCE PERSONS

**Swapnil Taparia**

- **Joint President & Head**  
**Swiss Singapore Overseas Enterprises, Dubai, UAE**



**Vadiraj Managoli**

- **Senior Director**  
**Capgemini, Bengaluru, Karnataka, India**



**Dr. Vanishree M Ramkrishna**

- **Dean, Research & Consultancy Cell**  
**Surana College, Bengaluru, Karnataka, India**



**Monica Smith**

- **CEO and Founder**  
**Tradewinds Career Consulting, Boston, USA**



**Dr Meenakshi Patil**

- **Professor**  
**CMRIT, Bengaluru, Karnataka, India**



**Dr Rashmi Gujrati**

- **Professor & Director**  
**PCTE Group of Colleges, Ludhiana, Punjab, India**





## RESOURCE PERSONS

**Jalvath A**

- **IPR Attorney,  
Arahalex, Bengaluru, Karnataka, India**



**Abhijith Neerkaje**

- **Head of Data science & Analytics  
Falabella, Bengaluru, Karnataka, India**



**Devika Valsaraj**

- **Founder and HR Director  
AHAM Leadership Consulting , Dubai, UAE**



**Suman Pandit**

- **Young Professional (YP),  
Atal Innovation Mission, NITI Aayog, New Delhi, India**



## CHIEF PATRON



**Bro. Xavier Alexander**  
Chairman, St. Francis Institutions

## PATRONS / ADVISORY COMMITTEE



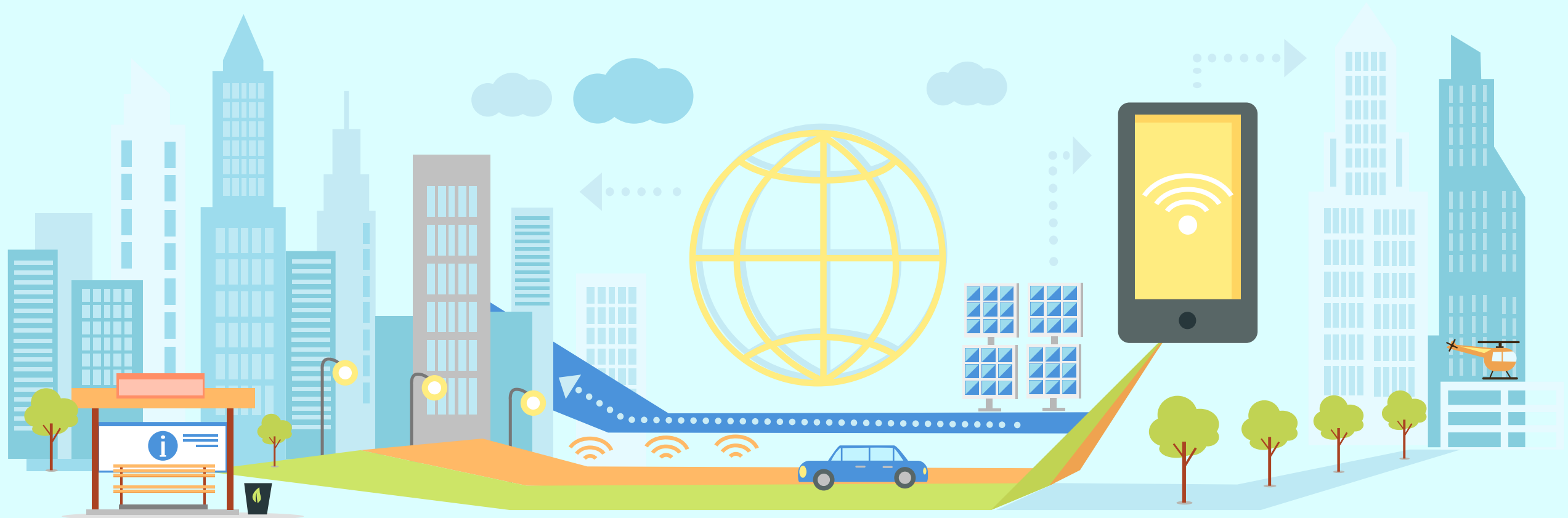
**Bro. Peter Joseph**  
Director, St. Francis College



**Bro. Dr Titus Anto**  
Dy Director, St. Francis College



**Dr RN Subba Rao**  
Principal, St. Francis College





## COORDINATOR



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## CO-COORDINATOR



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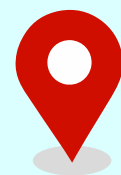
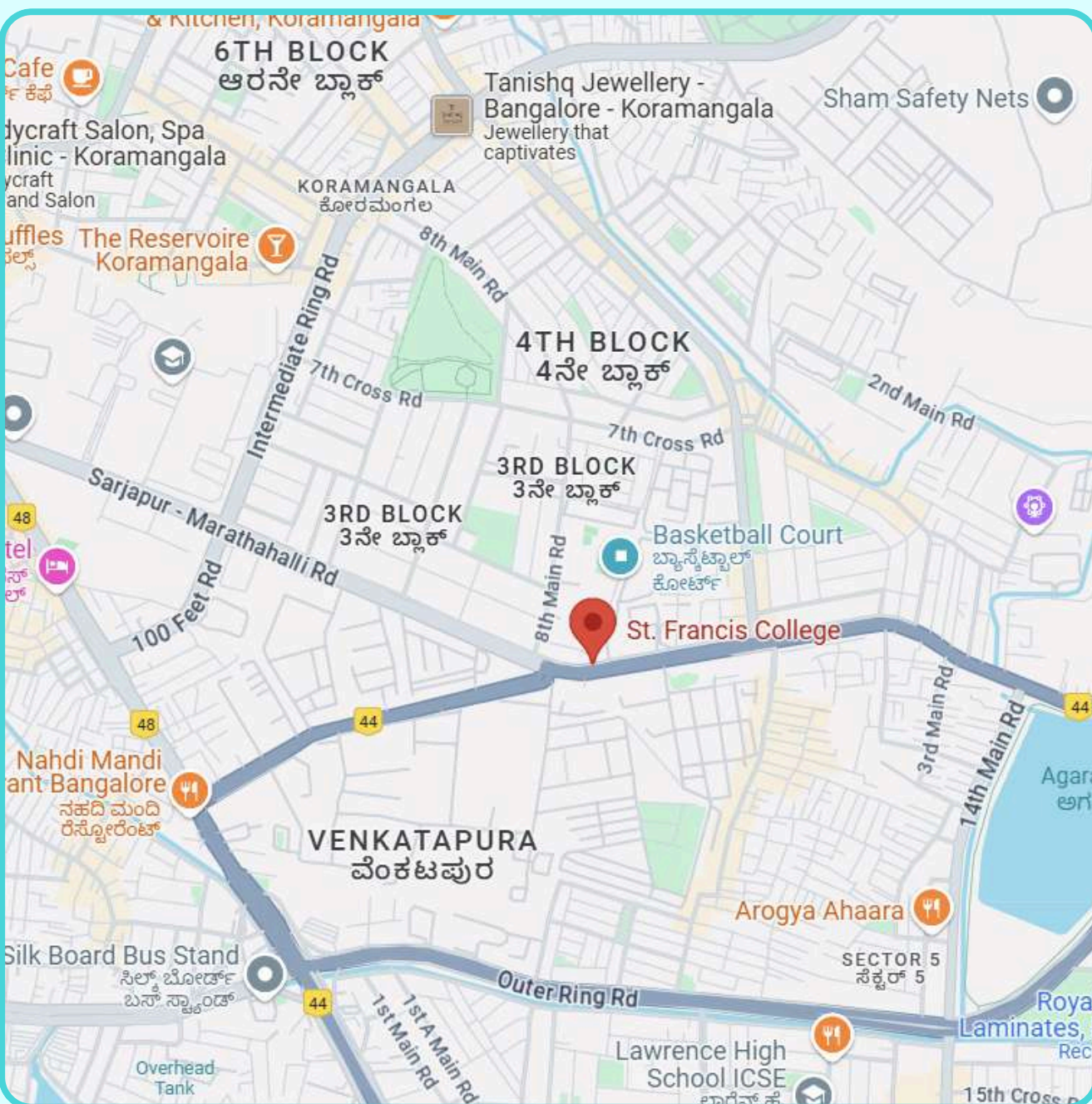




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