

## About FDP:

This FDP aims

- To familiarize participants with the concept of startup ecosystems, their components, their significance in fostering innovation and economic development.
- To delve into different types of knowledge, understand how innovative knowledge is generated, shared, and applied within startup environments.
- To equip participants with strategies for building and sustaining vibrant startup ecosystems within academic institutions and local communities.

This FDP contributes to building the capacity of participants to drive positive change within their academic institutions and communities, ultimately fostering a culture of innovation and entrepreneurship.

**Eligible Participants:** Associate Professors / Assistant Professors / Ph.D. scholars / PG students, participants of various disciplines of AICTE approved Institutions from the HEIs in Tiruchirappalli. First Come First Served.

**Mode:** - In-house (Offline). *Offline for theory and experiential learning*

**The number of seats is limited to 50.** ATAL FDPs are completely free for participants.

Certificates will be issued upon successful completion of 6 days FDP with a minimum attendance of 80% and score above 60% in comprehensive assessment

**Registration:** Please click the link below to register

<https://atalacademy.aicte-india.org/login>

FDP APP ID: 1716219245

**For Further Details Contact:**

**Coordinator and Co-coordinator,**  
Holy Cross College (Autonomous), Tiruchirappalli.  
**Mobile: 9944550190, 9025320653, 9952897404**

## SESSIONS

### Session 1: Innovative Entrepreneurship

**Mr. G. THIRUMURUGAN**, District Mission Coordinator, District Hub for Empowerment of Women, Department of Social Welfare and Women Empowerment, Thanjavur

### Session 2: Design thinking mindset for Innovation & Startup

**Dr. DINESH KUMAR R**, Assistant Professor & Nodal Officer MSME Design & ESDP Scheme, Dept. of Mechanical Engineering, National Institute of Technology, Srinagar (Ministry of Education, Government of India) Jammu and Kashmir – 190008

### Session 3: Prioritizing Environmental Sustainability using AI & Data Science methods

**Mr. G. MANOJ**, Lead Data Scientist, Brillersys, Tidel Park, Peelamedu, B.R. Puram Industrial Estate, Coimbatore

### Session 4: Environmental Sustainability using transformative Technology through Innovative Models

**Ms. P. PAULINE MONISHA**, Associate Consultant EY – Business Consulting Risk, EY Pvt. Ltd., Chennai

### Session 5: Behaviour and Attitude Management in Workplace

**Sr. A. JASMINE**, Assistant Professor and Head Department of Visual Communication, Holy Cross College (Autonomous), Tiruchirappalli

### Session 6: Fostering the Practical pathway for Strategic evolution of STARTUPS

**Dr. S. ANU VELAVAN**, Assistant Professor of CSE, University College of Engineering BIT Campus, Anna University, Tiruchirappalli-620024.

### Session 7: Entrepreneurial Skills Development for Environmental Sustainability

**Dr. J. GAYATHRI**, Professor of Commerce, Coordinator, Center for Entrepreneurship and Skill Development, Bharathidasan University, Tiruchirappalli

### Session 8: Unlock Growth Opportunities and benefits for STARTUPS

**Mr. P. UMASANKARAN**, Project Lead - Hubs Coordination, Tamil Nadu Startup and Innovation Mission (TANSIM), Tamilnadu, India

### Session 9: Ethical Considerations for STARTUP and Entrepreneurial Venturing

**Dr. J. EMIMA JERONSIA**, Assistant Professor PG and Research Department of Physics Holy Cross College (Autonomous), Tiruchirappalli

### Session 10: Promoting Innovation and Entrepreneurship through Education

**Ms. SELVARANI S**, Innovation Officer Ministry of Education's Innovation Cell, AICTE, Delhi



## HOLY CROSS COLLEGE (AUTONOMOUS)

Affiliated to Bharathidasan University  
Nationally Accredited (4<sup>th</sup> Cycle) with A++ Grade (CGPA 3.75/4) by NAAC  
College with Potential for Excellence  
Tiruchirappalli

### BASIC AICTE ATAL FDP

Sponsored by AICTE, New Delhi  
AICTE Training and Learning Academy (ATAL)



PG DEPARTMENT OF COMPUTER APPLICATIONS

(AICTE APPROVED)

In Collaboration with

HOLY CROSS INNOVATION AND INCUBATION COUNCIL,  
TIRUCHIRAPPALLI (HCICT)

Integrating Innovative knowledge  
and

Entrepreneurship Evolution through STARTUP Ecosystems

Patron

Rev. Dr.(Sr.) Isabella Rajakumari  
Principal, Holy Cross College (Autonomous)  
Tiruchirappalli – 620 002

### Coordinator

**Dr. P. Revathi**

Director – AICTE Courses, Assistant Professor  
PG Department of Computer Applications  
HCICT Vice President  
Holy Cross College (Autonomous),  
Tiruchirappalli – 620 002

### Co-Coordinator

**Dr. K. Juliet Catherine Angel**

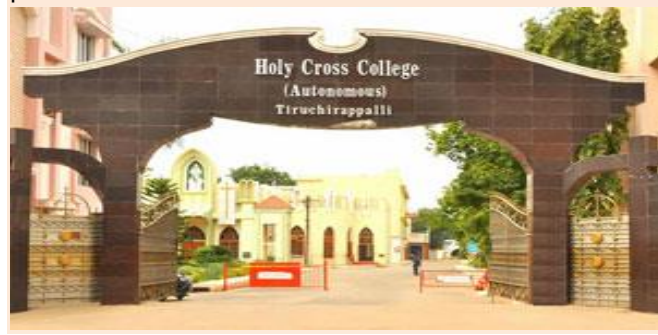
Assistant Professor & Head,  
PG Department of Computer Applications  
HCICT President  
Holy Cross College (Autonomous),  
Tiruchirappalli – 620 002



9<sup>th</sup> to 14<sup>th</sup> December 2024

### About the Institution:

Holy Cross College (Autonomous) Tiruchirappalli is a leading Arts and Science College for Women in the state of Tamil Nadu. Situated at the heart of 'The Rock City' on the banks of the River Cauvery, Holy Cross College has a unique history of academic excellence. College was established in the year 1923 for the benefit of the young girls of Tiruchirappalli. It was accredited by National Assessment and Accreditation Council (NAAC ) in 1999 with 5 stars and re-accredited in 2005 with 'A' grade and in 2012(3rd Cycle) with A Grade in 2020(4th Cycle) with A++ with CGPA Score of 3.75 on a 4.0 Scale by NAAC. The college was recognised by UGC as 'College with Potential for Excellence' in October 2011 and the CPE status has been extended till 2022. As per the National Institutional Ranking Framework (NIRF) by MHRD, the college was ranked 40th in 2023. At present the College offers 23 UG, 21 PG and 13 Ph.D. programs in various departments. The College has obtained awards & recognitions from various Government / Private Authorities and received Grants from DST/FIST, AICTE, TNEDII, MHRD, etc. Institution's quality policy, is to develop morally Upright, intellectually alert, ethically strong, and contributively young women with the Ability to adapt to the technologically changing environment supported by the Collaborative effort of the management, staff and parent in the relentless Pursuit of excellence.



### About the Department:

The PG Department of Computer Applications in Holy Cross College (Autonomous), Tiruchirappalli 620 002, was started in the year 1998 with BCA (Bachelor of Computer Applications). Growing metamorphically in a short span of time, MCA (Master of Computer Applications) was started in the year 1999 and was approved by AICTE. Catering to the requirements, PGDCA (Post Graduate Diploma in Computer Applications) was started in the year 2002. The Department strives to inculcate a sound knowledge in Computer Applications along with realized Social, Ethical responsibilities to enable the Students to combat the current and impending challenges faced by the Country and extend their expertise to the Global arena. The Department provides various opportunities to explore and exploit new avenues in the emerging world of Information Technology. The Department was ranked 23<sup>rd</sup> position - All India Level, 5<sup>th</sup> position - Tamil Nadu Level and 1<sup>st</sup> position in Tiruchirappalli by OUTLOOK - ICARE Ranking 2020 (The Best Professional Colleges) in various Professional Streams. The Department inculcates the culture of innovation, patenting and entrepreneurship among the academic community. Student-Staff teams have received patent grants and copyrights for their innovative ventures. The students of the department are proud recipient of Tamil Nadu Student Innovators Award, Smart India Hackathon Finalist Toppers, other National and Regional Awards.



### About HCIICT:

Ministry of Human Resource Development (MHRD), Govt. of India has established 'MHRD's Innovation Cell (MIC)' to systematically foster the culture of Innovation amongst all Higher Education Institutions (HEIs). Holy Cross College (Autonomous), Tiruchirappalli has established Institution Innovation Council (IIC) as per the Norms of Innovation Cell, MHRD, Govt. of India on 21<sup>st</sup> November 2018. IIC was launched by Shri Prakash Javadekar, Honorable HRD Minister on 21<sup>st</sup> November 2018 at AICTE Head Quarters, New Delhi which was organized by MHRD's Innovation Cell. Fostering progress over the years, the faculty and student teams of HCIICT excelled with several software applications and hardware prototype versions, receiving five copyright grants and three patents during the academic year 2023-2024. Specifically, patents were received by the BCA and MCA student's innovations titled 'Smart Biodegradable and Non-Biodegradable Waste Management' and 'Automatic Accident Detector and Life Saver' during the academic year 2023-2024 for a period of 20 years from 2019 onwards. Student teams through HCIICT are the continuous participants of SIH held at various states in the nation and have won cash awards. The teams are also encouraged and mentored to participate in various other regional, state, and national innovation pitching competitions and have won several awards and recognitions.

