AICTE TRAINING AND LEARNING (ATAL) ACADEMY
SPONSORED

FACULTY DEVELOPMENT PROGRAM (OFFLINE)

PROMOTING ENTREPRENEURSHIP AND ADVANCING THE STARTUP ECOSYSTEM WITHIN ACADEMIA: EMPOWERING EDUCATORS

8TH DECEMBER TO 13TH DECEMBER 2025

**IPS ACADEMY,
INSTITUTE OF BUSINESS MANAGEMENT AND RESEARCH,
INDORE, (M.P.)**

(NAAC A++ Accredited,
UGC Autonomous Institute,
Affiliated to Devi Ahilya University)

REPORT FOR ATAL FDP ON

Promoting Entrepreneurship and Advancing the Startup Ecosystem within Academia: Empowering Educators

Date	8th Dec 2025 to 13th Dec 2025
Institute Name	IPS Academy, Institute of Business Management and Research, Indore, (M.P.)
Application Number	1742294288
Name of The Coordinator	Dr. Pallabi Mukherjee, Associate Professor, IPS Academy, Institute of Business Management and Research, Indore, M.P.
Name of The Co-Coordinator	Dr. Ritu Mishra, Assistant Professor, IPS Academy, Institute of Business Management and Research, Indore, M.P.
AICTE File Number	1742294288/AICTE/ATAL/2025-26

ACKNOWLEDGEMENT

We would like to express our deep sense of gratitude to **AICTE** for granting approval to conduct this Faculty Development Programme (FDP). We extend our sincere thanks to the Management of **IPS Academy, Institute of Business Management and Research, Indore (M.P.)** for their constant support and encouragement in organizing this programme. We are especially thankful to our Director **Dr. Vivek S. Kushwaha** for motivating us and guiding the team throughout the FDP.

Our sincere appreciation goes to all the distinguished Resource Persons who enriched the sessions with their expertise, knowledge, and practical insights. We also acknowledge the dedicated efforts of the FDP Coordinator(s), organizing committee members, technical support staff, and volunteers who contributed significantly to the smooth planning and execution of the programme.

We further extend our heartfelt thanks to all participants for their enthusiastic participation, constructive interactions, and cooperation. Their active involvement played a vital role in making this FDP meaningful, insightful, and successful.

INDEX

S.NO.	CONTENT	Page No.
1	SANCTION LETTER	
2	STATEMENT OF EXPENDITURE	
3	UTILIZATION CERTIFICATE	
4	FDP BROCHURE	
5	FDP OVERVIEW AND OBJECTIVES	5
6	RESOURCE PERSONS	6
7	FDP SCHEDULE	10
8	INAUGURAL SESSION	11
9	LIST OF PARTICIPANTS	14
10	REPORT ON SESSIONS	16
11	REPORT ON HANDS ON EXERCISE	39
12	REPORT ON ARTICLE DISCUSSION	43
13	REPORT ON INDUSTRY VISIT	48
14	VALEDICTORY SESSION	50
15	MEDIA REPORTS	52
16	YOUTUBE LINK OF SESSIONS	53
17	CERTIFICATES	55
18	FEEDBACK	57

All India Council for Technical Education

(Statutory body under Ministry of Education, Govt. of India)
Nelson Mandela Marg, Vasant Kunj, New Delhi 110 070
Website link: https://www.aicte-india.org/atal

Training and Learning Bureau
Sanction Letter

F. No. 1742294288/AICTE /ATAL/2025-26 **Date: 26 .06.2025**

To

The Drawing and Disbursing Officer,
All India Council for Technical Education
Nelson Mandela Marg, Vasant Kunj,
New Delhi-110070

Sub: Release of a sum of **Rs. 2,50,000/ (Rupee Two Lakh Fifty Thousand only)** being the **first instalment of the Grant-in-Aid** under **AICTE Training and Learning (ATAL) Academy Programme** for the Academic year 2025-26 - reg.

Sir/Madam,

This is to convey the sanction of the Competent Authority of the Council for Rs.3,50,000/- (Rupees Three Lakhs Fifty Thousand Only) as Grant- In -Aid for conducting of Face to Face **ATAL Basic Faculty Development Programme** under AICTE Training and Learning (ATAL) Academy Programme and to release of **Rs.2,50,000/- (Rupee two Lakh Fifty Thousand only)** as first instalment of Grant-in-Aid as per details given below:

1	Name of the Beneficiary Institute (University/College/Institute)	**IPS ACADEMY, INSTITUTE OF BUSINESS MANAGEMENT AND RESEARCH, INDORE, (M.P.)**
2	Address	**RAJENDRA NAGAR, A.B. ROAD INDORE (M.P.) Madhya Pradesh,P I N-452012**
3	Name of the Coordinator	**Dr.Pallabi Mukherjee**
4	Permanent ID of Institute	**1-3930783**
5	Title	**Promoting Entrepreneurship and Advancing the Startup Ecosystem within Academia: Empowering Educators**
6	Dates of FDP	**8/18/2025 to 8/23/2025**
7	FDP Type	**ATAL BASIC FDP**
8	Total Amount Sanctioned	**Rs. 3,50,000/-**
9	Amount to be released as 1st Instalment	**Rs. 2,50,000/-**
10	Amount to be released as 2nd Instalment (Case to case basis upon submission of Statement of Expenditure)	**Rs.1,00,000/- (Cap Limit)**

The instructions/guidelines to be followed by University/Institution

1. Release of funds

a. The maximum cost for conducting per programme will be of **Rs. 3,50,000/-** as per detail given as under:

Sr. No.	Particulars	Sanctioned amount for 2025-26 for ATAL Basic FDPs
1.	Honorarium to Co-ordinator	Rs. 8,000/-
2.	Honorarium to Co-Co-ordinator	Rs. 5,000/-
3.	Honorarium for computer operators/lab-Technicians	Rs. 5,000/- (in total)
4.	Honorarium for experts (Rs. 7000/- per session)	Rs. 70,000/- (10 sessions)
5.	TA to External experts engaging sessions (reimbursement in actual against original bills)	Rs. 1,00,000/-
6.	Refreshment & Lunch	Rs. 60,000/-
7.	Consumable items, inauguration and valedictory functions, and Miscellaneous Charges etc.	Rs. 22000/-
8.	TA to Participants (Only for external participants)	Rs. 60,000/- per External Participant, lamp sum Rs. 1200/- payable only for those with >=90% attendance and travelling beyond 20 KM one side)
9.	Industrial Visit (Travel expense and visit charges, if any)	Rs. 20,000/-
	TOTAL	**Rs. 3,50,000/-**

(b) The grant is subject to the adjustment on the basis of Utilisation Certificate in the prescribed proforma to be submitted by the University/College/Institution. Further, the accounts of the institute will be open for test check by the Council or Controller & Auditor General of India or any other officer designated by them.

(c) The amount of the Grant-in-Aid bill shall be disbursed and credited to the account of **IPS ACADEMY, INSTITUTE OF BUSINESS MANAGEMENT AND RESEARCH, INDORE, (M.P.)** through **RTGS**.

(d) This Grant-in-Aid is being released in conformity with the terms & conditions as well as norms of the scheme as already communicated vide the scheme document.

(e) The sanctioned grant-in-aid is debitable to the AICTE Training and Learning (ATAL) Academy Programme and is valid for payment during the **financial year 2025-26**only.

(f) Funds once released for organising the approved topic/area of FDP cannot be utilised for any other programme.

(g) In case the event is cancelled/not conducted/could not conduct due to lack of required participants on the first day first session, the Grant- In-Aid shall be **refunded to AICTE within 07 days.**

(h) In case it is revealed that any vigilance case/ grievance is pending against the institute or punitive action has been initiated against the institute for violation of AICTE norms, the Grant-In-Aid released to the institute will be liable to be refunded along **with interest @ of 10% per annum**.

2. Maintenance of Account by the Institute/University

(a) The University/College/ Institute shall maintain proper accounts of the expenditure out of the grants, which shall be utilised only on approved items of expenditure as given above.

(b) Funds covered by this grant shall be kept separately and would not be mixed up with other funds, so as to know the amount of interest accrued on the grant from AICTE.

(c) The Council or its nominee shall have the right to check/ verify the account to satisfy that the fund has been utilised for the purpose for which it was sanctioned.

(d) The Institute shall send a confirmation to AICTE within 15 days of receipt of grant on the receipt of the same.

(e) All mandatory documents **in original in hardcopy** be submitted to The Director, Training & Learning Bureau, All India Council for Technical Education, Nelson Mandela Marg, Vasant Kunj, New Delhi -110070 within **fifteen days of completion** of the FDP

II. Distribution of funds to institutions,

Amount of the grant sanctioned will be released in two instalments; first as advance of Rs. 2,50,000/- and then as reimbursement against the utilization Certificate and Statement of Expenditure, limited to Rs. 1,00,000/- to the University/Institute through electronic transfer in the account of the University/Institute after submission of mandate form.

Institute Bank Account Details

Institute PAN No.	Bank Name	Bank Branch	Bank Branch Address	Account Holder Name	Account type	Account number	IFSC Code
AAHCI1820L	ICICI BANK LTD.	Indore-Malwa Parisar Branch Code-0041	4, Chhoti Khajrani, Malav Parisar, Indore - 452008. Code - 0041	IPS ACADEMY IBMR DIRECTOR	Current	004101059154	ICIC0000041

III. Refund of Grant by way of a Demand Draft in favour of Member Secretary, AICTE, New Delhi

The unutilized Grant-in-Aid should be refunded to the Council **within fifteen days** of conduct of the FDP. If the university/institute does not conduct FDP on the prescribed dates, or fails to follow directions in regard to conduct of FDPs as laid out in the scheme document the entire amount will be liable to be refunded within 07 days. The amount has to be refunded to AICTE through RTGS as per details given below:

Account Number	**55113200222**
Name of the Account Holder	**Member Secretary, AICTE, New Delhi**
Bank Name	**State Bank of India**
Branch Name	**Shastri Bhawan, New Delhi**
IFSC Code	**SBIN0050203**

IV Submission of documents by University / Institution

(a) The following mandatory relevant documents are required to be submitted by the University / institution in original in hardcopy within fifteen days of the completion of the programme.

(i) Utilization Certificate (UC) as per Annexure --I of Scheme Guidelines

(ii) Statement of Expenditure (SoE) as per Annexure-II of Scheme Guidelines

(iii) Original bills

(iv) FDP Report duly acknowledged and signed by Coordinator and HoI

(b) Documents required to be uploaded in soft/scanned format in the ATAL Portal.

(i) List of participants who have successfully completed the FDP on the basis of the continuous, comprehensive assessments (in EXCEL Format).

(ii) FDP Report including photographs, YouTube links and Media report (News/Media/Magazine cuttings/clippings)

(iii) Utilization Certificate & Statement of Expenditure as per Annexure I &II

(iv). Assessment questionnaire and Results of assessment (EXCEL format)

V General Instructions

(a) Maximum 50 and minimum 30 minimum number of participants relaxed to 20 for North Eastern states Jammu, Kashmir, Ladakh and Andaman & Nicobar Islands).

(b) A test has to be conducted on the last day accordingly. Scheme document 2025-26 and those who score more that 70% will be termed as successful candidates. Those who have attendance 80% or more and also score more that 70% in the test will be issued a digital certificate.

(c) Eligibility for institutions and participants are as laid out in the scheme guidelines

(d) No fees shall be charged from any participant for attending ATAL FDP.

(e) The institute should bear the expense incurred in addition to the fund granted by AICTE from their own resources.

(f) Terms and conditions laid out in the Scheme Guideline for ATAL FDPS 2025-26 will be final and binding.

This Sanction Letter may be treated as Offer Letter for all purposes.

Yours Sincerely,

26.06.2025

Dr. Sunil Luthra,
Director,
Training and Learning Bureau, AICTE

Copy forwarded for information and necessary action to: -

26/06/25

1. **Dr.Pallabi Mukherjee, Email: pallabimukherjee@ipsacademy.org**
2. **VIVEK KUSHWAHA, RAJENDRA NAGAR, A.B. ROAD INDORE (M.P.) Madhya Pradesh,P I N- 452012**
3. **Guard File**

Annexure-III

AICTE Training And Learning (ATAL) Academy Programme

STATEMENT OF EXPENDITURE

AICTE File No. (Sanction letter file No) : 1742294288/AICTE/ATAL/2025-26

Title of the Programme : Promoting Entrepreneurship and Advancing the Startup Ecosystem within Academia: Empowering Educators

Application No. : 1742294288

Name of Coordinator: Dr. Pallabi Mukherjee

Sanction No. and Date	Grant Sanctioned	Details of expenditure Incurred Item wise	Amount Rs. (in each head)	No. of Participants	Duration of the Programme (with dates)
1742294288/AICTE/ATAL/2025-26 26/06/2025	Rs. 3,50,000/- (Rs. 2,50,000/- received in advance and Rs. 1,00,000/- will be released on actual basis)	1. Honorarium to Co-Ordinator	Rs. 8,000/-	50	6 Days 8/12/2025 to 13/12/2025
		2. Honorarium to Co-Co-Ordinator	Rs. 5,000/-		
		3. Honorarium to Computer operator	Rs. 5,000/-		
		4. Honorarium for Experts	Rs. 70,000/-		
		5. TA to External Experts engaging sessions	Rs. 1,00,000/-		
		6. Refreshment and Lunch	Rs. 60,000/-		
		7. Consumable items, inauguration and valedictory functions, and Miscellaneous Charges etc.	Rs. 20,530/-		
		8. TA to participants	0		
		9. Industrial Visit (Travel expense and visit charges)	Rs. 14,000/-		
		Total	Rs. 2,82,530/-		
		Grant Received	Rs. 2,50,000/-		
		Balance to be Received	Rs. 32,530/-		

(1) Pallabi Mukherjee

Name and Signature of Coordinator with Seal
Dr. Pallabi Mukherjee, IPS Academy, Institute of Business Management and Research, Indore (M.P.)

(2) _____

Name and Signature of Head of Institution with Seal
Dr. Vivek Singh Kushwaha, Director, IPS Academy, Institute of Business Management and Research, Indore (M.P.)

Director
IPS Academy, IBMR
Rajendra Nagar
Indore 452012

(3) **Signature (with Seal) of the Finance Officer/ Auditor/Accounts Officer (If it is Govt./Govt. Aided Institute)**
NA

(4) **Signature of Chartered Accountant:**
Name of Chartered Accountant: HEMANT RAMCHANDANI
Membership No: 401135
Rubber stamp:
Full Address: 38, Sarvodaya Nagar, Indore
Date: 23/12/25
UDIN- 25401135BOOIJR2981

HEMANT RAMCHANDANI & Co. Chartered Accountants INDORE (M. P.)

Annexure-II

NAME & ADDRESS OF THE INSTITUTE: IPS Academy, Institute of Business Management and Research, Indore (M.P.)

UTILIZATION CERTIFICATE FOR THE FINANCIAL YEAR 2025-26

Name of the Scheme under which Grant was sanctioned ATAL FDP
(to be submitted separately for each sanction order)

AICTE File No. : 1742294288/AICTE/ATAL/2025-26

Name of Co-ordinator : Dr. Pallabi Mukhjerjee

Application No. : 1742294288

Title of the ATAL Programme : Promoting Entrepreneurship and Advancing the Startup Ecosystem Within Academia: Empowering Educators

Sl. No.	AICTE Sanction Order/Letter No. & Date under which grant was sanctioned	Amount (Rs.)	
1.	1742294288/AICTE/ATAL/2025-26	Rs. 3,50,000/- (Rs. 2,50,000/- received in advance and Rs. 1,00,000/- will be released on actual basis)	Certified that out of the grant-in-aid of Rs. 250000/- (Two lakh fifty thousand) sanctioned by the AICTE during the financial year 2025-26 in favour of IPS Academy, Institute of Business Management and Research, Indore (M.P.) as per letter mentioned in the margin, Rs. Nil on account of unspent balance of previous year, Rs. Nil on account of other income / receipts, a sum of Rs. 282530/- has been utilized for the purpose for which it was sanctioned and the balance of Rs. Nil remained unutilized at the end of the year.

Certified that I have satisfied myself that the conditions on which the grant-in-aid was sanctioned have been duly fulfilled and that I have exercised the following checks to see that the money was actually utilized for the purpose for which it was sanctioned.

Kinds of checks exercised: -

Books of Accounts of the Institute, Vouchers,
Bills and Periodical, Progress Reports.

Pallabi Mukherjee

(1). Name, Signature & Address of the Claimant/Awardee/Coordinator with seal:

Dr. Pallabi Mukherjee, IPS Academy, Institute of Business Management and Research, Indore (M.P.)

Hemant Ramchandani

2). Signature of Chartered Accountant:
Name of Chartered Accountant:
HEMANT RAMCHANDANI

Membership No: 401135
Rubber stamp:
Full Address: 35, Sarvodayanagar, Indore
Date: 23/12/25
UDIN:- 25401135B001JR2981

HEMANT RAMCHANDANI & CO. INDORE (M.P.) Chartered Accountants

(3). Signature of Head of the Institute:
Name & Designation of the Head of Institute:
Dr. Vivek Singh Kushwaha, Director, IPS Academy, Institute of Business Management and Research, Indore (M.P.)
Rubber stamp:
Full Address:
Date:

Director
IPS Academy, IBMR
Rajendra Nagar
Indore - 452012

(4). Signature of the Finance Officer/Accounts Officer: Name of the Finance Officer/Accounts Officer:
(If it is Govt. /Govt. Aided Institute)

IPS ACADEMY
GROUP OF EDUCATIONAL INSTITUTES
KNOWLEDGE, SKILLS, VALUES
INDORE
www.ipsacademy.org

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

Six Days Faculty Development Programme
on

Promoting Entrepreneurship and Advancing the Startup Ecosystem within Academia: Empowering Educators

08th to 13th December, 2025

Organised By

IPS Academy, Institute of Business Management & Research, Indore, M.P.

NAAC A++ Accredited,
UGC Autonomous Institute

INSTITUTE'S PROFILE

IPS Academy, Institute of Business Management & Research (IBMR), Indore is one of the prestigious management institutes in Central India. The institute has helped shape careers in business management since its establishment in the year 1994 and has been imparting quality education and practical training. The emphasis is always on cultivating a mindset that helps students become proactive learners and industry-ready. IPS Academy, Institute of Business Management & Research (IBMR), Indore has partnered with prestigious organizations to enhance the teaching-learning processes.

With a focus on developing managerial acumen in its students, IPS Academy, Institute of Business Management & Research (IBMR), Indore has subscribed to real-world case studies and business simulations from Harvard Business Publishing. This global repository of management cases and simulations, developed by stalwarts around the globe, places IPS Academy, Institute of Business Management & Research (IBMR), Indore in the league of a select few institutions in India equipped with the best. The students and faculty members have access to an international LMS – Turnitin – to further their research endeavours. The institute also subscribes to print editions of The Times of India, Business Standard and The Economic Times for all faculty members, helping them stay updated on world affairs and bring diverse perspectives into the classroom.

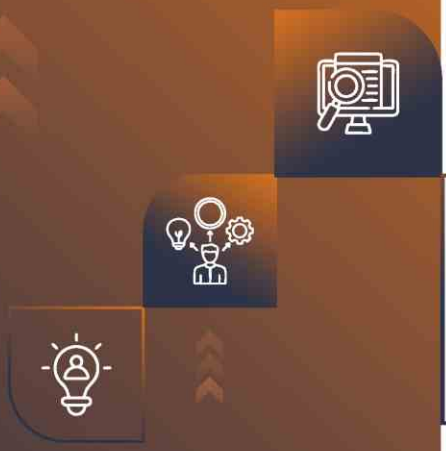
The management students at IPS Academy, Institute of Business Management & Research (IBMR), Indore are provided online access to Business Standard's BS Insights, a mobile app that offers curated content on the latest economic, social and technology insights, trending management cases, and relevant online learning resources.

The course content, teaching pedagogy and amalgamation of traditional and digital mediums add to the legacy of IPS Academy and IBMR in particular, and personify the core values of the IPS Academy family: Knowledge, Skill and Values.

IPS Academy, Institute of Business Management & Research (IBMR), Indore is a NAAC A++ accredited institute and has been consistently ranked among the top 50 institutes in India by leading business magazines..

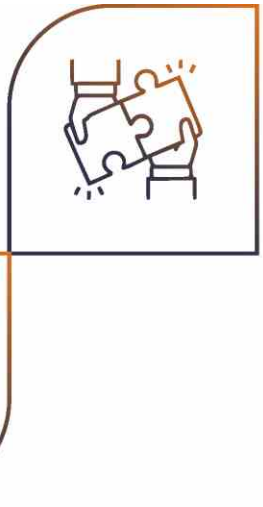
PROGRAM OVERVIEW

The Entrepreneurship and Startup Ecosystem Faculty Development Program (FDP) seeks to empower academic faculty members with the skills, knowledge and attitude required to promote innovation, an entrepreneurial mindset, and a startup culture within their institution. The program will discuss the role of entrepreneurship in education, learn about the startup ecosystem, and empower faculty members with the ability to incorporate these concepts into teaching, research and engagement with students and industries.



PROGRAM STRUCTURE

- Overview of entrepreneurship
- The startup ecosystem and key players - incubators, accelerators, angel investors.
- Creating an entrepreneurial culture in academia and role of academic institutions in fostering startups.
- Integrating entrepreneurship into the curriculum and strategies for incorporating entrepreneurship education into traditional academic disciplines (engineering, humanities, science, etc.).
- Project-based learning and entrepreneurship. Role of hands-on, project-based learning in fostering entrepreneurial skills among students. Case studies of successful project-based initiatives.
- Entrepreneurship through research, innovation and best practices. How to align academic research with entrepreneurial ventures and encourage faculty-student collaboration for commercialising research.
- Building Industry - Academia Partnerships: Strategies to build strong collaborations with industry players (corporates, investors, startup founders) to create opportunities for students and faculty.
- Funding Startups: Understanding the investment landscape. Introduction to funding options for startups, including venture capital, angel investors, crowdfunding and government schemes.
- Incubators and Accelerators in Academia: Building a sustainable startup. Overview of startup incubators and accelerators, their role in supporting early-stage ventures, and how academic institutions can establish them.
- National Education Policy (NEP) 2020 Implementation.



PROGRAM OBJECTIVES

- Equip faculty members with the necessary skills and knowledge to create a thriving entrepreneurship ecosystem in their respective academic institutions.
- Provide faculty members with a clear understanding of the concepts of entrepreneurship, innovation, and the dynamics of the startup ecosystem.
- Encourage faculty members to adopt an entrepreneurial mindset that can be passed on to students through teaching, mentoring and research.
- Enable faculty to collaborate across departments to foster innovation and create an environment conducive to new ideas, ventures and startups.
- Strengthen the link between academic research and practical industry applications by encouraging startup culture in academic environments.
- Help faculty understand the requirements of startup incubation, funding, scaling, and how to build support networks for startup ventures.
- By providing faculty members with a strong foundation in entrepreneurship and the startup ecosystem, the program will be critical in developing the next generation of entrepreneurs and innovators.

LEARNING OUTCOMES

- The faculty will develop a deeper understanding of the entrepreneurial ecosystem and how it can be infused into academia.
- Greater capacity of the faculty to mentor, advise and assist students pursuing entrepreneurship and startup initiatives.
- Formulation of a plan for initiating or enhancing entrepreneurship programs and partnerships in their own institutions.
- Enhanced partnerships between academia and the wider startup ecosystem, with an emphasis on culture of innovation and research commercialisation.

INFORMATION FOR THE PARTICIPANTS

- No registration fee for the participants.
- The FDP is open to Associate Professors, Assistant Professors, Ph.D. scholars & PG students.
- Registration will be done on https://atalacademy.aicte-india.org/login
- Once the registration is confirmed, the participants will be informed through mail.
- Max. 50 participants will be invited to participate in FDP and the selection will be on a first come first serve basis.
- FDP will be conducted in physical mode.
- At least 1-2 industrial visit/ visits to nearby Institute of National Importance/ IoE/ Prominent multidisciplinary university/ CSIR or DST labs/ Training Institute/ Incubation centres/ MSME centres/ Studios/ Smart classroom facilities, etc.

RESOURCE PERSONS

Dr. Shaibal Mukherjee
Professor, IIT Indore
Director, Mentor and Cofounder, QuanTech L2M Pvt. Ltd.
Adjunct Faculty, RMIT University, Melbourne, Australia

Mr. Mohit Jain
Entrepreneur, Co-Founder and CEO
Kimirica Hunter International LLP

Dr. Atul Bharat
Group Director (CDC),
Acropolis Group of Institutions, Indore

Mr. Pushpendra Agrawal
Entrepreneur and Founder
Walkover Web Solutions Ltd.

Mr. Vipin Sharma
Entrepreneur
Coldwell Banker and Cofounder Veracity World

Mr. Tanutejas Saraswat
Founder
Shopkirana

Dr. A Thillai Rajan
Professor IIT Madras
Cofounder YNOS Venture Engine and Geonomics Research & Tech

Dr. G.S. Murthy
Professor IIT Indore
National Coordinator IKS Division
Ministry of Education, GOI

Patron:
Mr. Yogendra Jain
Vice President
IPS Academy, Indore

Programme Convener:
Dr. Vivek Singh Kushwaha
Director & Professor
IPS Academy,
Institute of Business Management and Research,
Indore, M.P.

Coordinator:
Dr. Pallabi Mukherjee
Associate Professor,
IPS Academy, Institute of Business Management and Research, Indore, M.P.
Co-founder and Director
QuanTechL2M Pvt. Ltd.,
incubated at IIT Indore
Contact No. +91-9039635978
pallabimukherjee@ipsacademy.org

Co-coordinator:
Dr. Ritu Mishra
Assistant Professor, IPS Academy,
Institute of Business Management and Research, Indore, M.P.
Contact No. +91-9713779952
ritumishra@ipsacademy.org

IPS ACADEMY
GROUP OF EDUCATIONAL INSTITUTES
KNOWLEDGE, SKILLS, VALUES
INDORE
www.ipsacademy.org

IPS ACADEMY

Institute of Business Management and Research, Indore, M.P.
Knowledge Village, Rajendra Nagar, AB Road, Indore (MP)
Call: 0731-4014776, 9039635978, 9713779952
www.ibmr.ipsacademy.org

FDP OVERVIEW AND OBJECTIVES

The Entrepreneurship and Startup Ecosystem Faculty Development Program (FDP) aimed to empower academic faculty members with the skills, knowledge, and attitude required to promote innovation, entrepreneurial mindset, and startup culture within their institution. The program discussed the role of entrepreneurship in education, learn about the startup ecosystem, and empowered faculty members with the ability to incorporate these concepts into teaching, research, and engagement with students and industries.

Objectives:

- Equip faculty members with the necessary skills and knowledge to create a thriving entrepreneurship ecosystem in their respective academic institutions.
- Provide faculty members with a clear understanding of the concepts of entrepreneurship, innovation, and the dynamics of the startup ecosystem.
- Encourage faculty members to adopt an entrepreneurial mindset that can be passed on to students through teaching, mentoring, and research.
- Enable faculty to collaborate across departments to foster innovation and create an environment conducive to new ideas, ventures, and startups.
- Strengthen the link between academic research and practical industry applications by encouraging startup culture in academic environments.
- Help faculty understand the requirements of startup incubation, funding, scaling, and how to build support networks for startup ventures.
- By providing faculty members with a strong foundation in entrepreneurship and the startup ecosystem, the program will be critical in developing the next generation of entrepreneurs and innovators.

LIST OF RESOURCE PERSONS

Dr. Shaibal Mukherjee

Professor, IIT Indore

Director, Mentor and Cofounder, QuanTech L2M Innovations Pvt. Ltd.

Adjunct Faculty, RMIT University, Melbourne, Australia

Dr. Shaibal Mukherjee is a Professor at the Indian Institute of Technology Indore, with expertise in semiconductor devices, nanoelectronics, and quantum technologies. He is the Director, Mentor, and Co-founder of QuanTech L2M Pvt. Ltd., where he actively works on translating advanced research into commercially viable deep-tech solutions. He also serves as an Adjunct Faculty at RMIT University, Melbourne, Australia, reflecting his strong global academic collaborations. Dr. Mukherjee is widely recognized for his leadership in interdisciplinary research and for promoting industry–academia partnerships that drive innovation and entrepreneurship.

Dr. Atul Bharat

Group Director (CDC)

Acropolis Group of Institutions, Indore

Dr. Atul Bharat is the Group Director of the Acropolis Group of Institutions and a distinguished academic administrator with extensive experience in institutional leadership and quality assurance. He has played a pivotal role in strengthening academic standards, accreditation processes, and strategic planning within the institution. Known for his forward-looking approach, he actively promotes innovation-driven education and industry-academia collaboration. Dr. Bharat is widely respected for fostering a culture of excellence, continuous improvement, and holistic institutional growth.

Dr. A Thillai Rajan

Professor IIT Madras

Cofounder YNOS Venture Engine and Geonomics Research & Tech

Dr. A. Thillai Rajan is a Professor at the Indian Institute of Technology Madras and a leading expert in venture capital, private equity, startup finance, and infrastructure finance. He is the

Co-founder of YNOS Venture Engine, a platform that empowers early-stage startups through data-driven insights and intelligence, and also co-founded Geonomics Research & Technologies, focusing on infrastructure analytics and governance solutions. At IIT Madras, he leads the Centre for Research on Start-ups and Risk Financing (CREST). Dr. Rajan is widely respected for bridging academic research with policy, innovation, and real-world entrepreneurial ecosystems.

Dr. G.S. Murthy

Professor IIT Indore

National Coordinator IKS Division

Ministry of Education, GOI

Dr. G. S. Murthy is a Professor at the Indian Institute of Technology Indore and currently serves as the National Coordinator of the Indian Knowledge Systems (IKS) Division, Ministry of Education, Government of India. He is recognized for his contributions to biosciences, sustainable bioprocessing, and environmental systems research. In his national role, he leads initiatives to integrate India's traditional knowledge systems with modern education and research. Dr. Murthy is known for his visionary leadership in promoting interdisciplinary learning and indigenous knowledge-based innovation.

Mr. Vipin Sharma

Entrepreneur

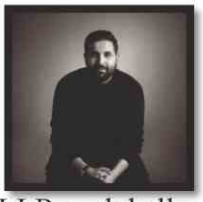
Coldwell Banker and Cofounder Veracity World

Mr. Vipin Sharma is an entrepreneur and seasoned real-estate professional associated with Coldwell Banker UAE, specializing in property advisory and investment opportunities in Dubai. He is the Co-founder of Veracity World, reflecting his commitment to building innovative and value-driven business ventures. With a diverse professional background across real estate, banking, retail, and investment advisory, he brings a strong understanding of market dynamics. Mr. Sharma is known for his client-centric approach, transparent practices, and his ability to guide investors with clarity and confidence.

Mr. Mohit Jain

Entrepreneur, Co-Founder and CEO

Kimirica Hunter International LLP



Mr. Mohit Jain is the Co-founder and CEO of Kimirica Hunter International LLP, a globally recognized luxury hotel amenities brand serving leading hotel chains across more than 30 countries. He transformed a modest startup into a large-scale enterprise by focusing on innovation, sustainability, and premium design. Under his leadership, Kimirica expanded into plant-based skincare, natural fragrances, and luxury lifestyle products, while also establishing a strategic joint venture with Hunter Amenities, Canada. He is also the Co-founder of Pataa, a digital addressing platform adopted by Indore Smart City, reflecting his commitment to technology-driven and self-reliant entrepreneurship.

Mr. Pushpendra Agrawal

Entrepreneur and Founder

Walkover Web Solutions Ltd.

Mr. Pushpendra Agrawal is an entrepreneur and the Founder of Walkover Web Solutions Ltd., a leading technology company based in Indore. He is the creator of MSG91, a widely used business communication and messaging platform across India. With strong expertise in software development, SaaS products, and scalable digital solutions, he has successfully built technology platforms with nationwide impact. Mr. Agrawal is known for his innovative thinking, practical leadership, and active contribution to the startup and technology ecosystem.

Mr. Tanutejas Saraswat

Entrepreneur

Mr. Tanutejas Saraswat is the Founder of a prominent B2B retail-tech startup based in Indore, aimed at empowering traditional kirana stores through technology. His platform enables small retailers to directly connect with brands, streamline inventory management, and improve supply chain efficiency. Under his leadership, his venture has expanded across multiple cities and emerged as a key player in India's retail-tech landscape.

He is widely appreciated for his deep understanding of grassroots retail challenges and his commitment to modernizing India's unorganized retail sector.

FDP SCHEDULE

Date	Time	Name	Designation	Topic
8/12/25 Monday	9:00 A.M - 9:30 A.M	Dr. Vivek Singh Kushwaha	Director, IPS Academy, IBMR, Indore	**Inaugural Ceremony**
	9:30 A.M - 12 Noon	Prof Shaibal Mukherjee	Professor IIT Indore, Director and Cofounder QuanTech L2M	**Project Based Learning in Entrepreneurship (Case Studies)**
	2:00 P.M- 4:30 P.M	Dr. Atul Bharat	Group Director (CDC) Acropolis Group of Institutions, Indore	**Integrating Entrepreneurship in Curriculum**
9/12/25 Tuesday	9:30 A.M - 12 Noon	Mr. Tanutejas Saraswat	Entrepreneur	**Startup and Innovation**
	2:00 P.M- 4:30 P.M	Mr. Pushpendra Agrawal	Founder, Walkover Web Solutions Ltd	**Entrepreneurial Culture in Academia**
10/12/25 Wednesday	9:30 A.M - 12 Noon	Prof. Thillai Rajan	Professor IIT Madras, Cofounder YNOS Venture Engine	**Building Industry Academia Partnership**
	2:00 P.M- 4:30 P.M	Prof. Shaibal Mukherjee	Professor IIT Indore, Director and Cofounder QuanTech L2M	**Entrepreneurship through Research, Innovation and Best Practices**
11/12/25 Thursday	9:30 A.M - 12 Noon	FDP Team	IPSA, IBMR, Indore	**Article Discussion Summary and Presentation**
	2:00 P.M- 4:30 P.M	Prof G. S. Murthy	Professor IIT Indore, National Coordinator IKS Division, MOE, GOI	**Indian Knowledge System and NEP**
12/12/25 Friday	9:30 A.M - 12 Noon	Industry Visit	IIT Indore	
	2:00 P.M- 4:30 P.M	Mr. Mohit Jain	Cofounder and CEO KimiRica Hunter International LLP	**Overview of Entrepreneurship**
13/12/25 Saturday	9:30 A.M - 12 Noon	Mr. Vipin Sharma	Cofounder Veracity World, Coldwell Banker	**Startup Ecosystem**
	2:00 P.M- 4:30 P.M	Mr. Vipin Sharma	Cofounder Veracity World, Coldwell Banker	**Funding Startups**
	4:30 P.M – 05:30 P.M	Dr. Vivek Singh Kushwaha	Director, IPS Academy, IBMR, Indore	**Valedictory Ceremony**

INAUGURAL SESSION

08 December, 2025

Guest: Dr. Shaibal Mukherjee

Professor, IIT Indore

Director, Mentor and Cofounder, QuanTech L2M Innovations Pvt. Ltd.

The Faculty Development Program commenced with an inspiring **inaugural session** that set the tone for a week of learning, innovation, and meaningful deliberations focused on promoting entrepreneurship and strengthening the startup ecosystem within academia. The inaugural address was delivered by Dr. Vivek Singh Kushwaha, Director, IPS Academy, Institute of Business Management & Research, Indore, M.P.

Objectives of the FDP

- Equip faculty members with the necessary skills and knowledge to create a thriving entrepreneurship ecosystem in their respective academic institutions.
- Provide faculty members with a clear understanding of the concepts of entrepreneurship, innovation, and the dynamics of the startup ecosystem.
- Encourage faculty members to adopt an entrepreneurial mindset that can be passed on to students through teaching, mentoring, and research.
- Enable faculty to collaborate across departments to foster innovation and create an environment conducive to new ideas, ventures, and startups.
- Strengthen the link between academic research and practical industry applications by encouraging startup culture in academic environments.
- Help faculty understand the requirements of startup incubation, funding, scaling, and how to build support networks for startup ventures.
- By providing faculty members with a strong foundation in entrepreneurship and the startup ecosystem, the program will be critical in developing the next generation of entrepreneurs and innovators.

Program Structure:

- Overview of Entrepreneurship
- The Startup Ecosystem and key players- incubators, accelerators, angel investors.
- Creating an Entrepreneurial Culture in Academia and role of academic institutions in fostering startups.
- Integrating Entrepreneurship into the Curriculum and Strategies for incorporating entrepreneurship education into traditional academic disciplines (engineering, humanities, science, etc.).
- Project-Based Learning and Entrepreneurship. Role of hands-on, project-based learning in fostering entrepreneurial skills among students. Case studies of successful project-based initiatives.
- Entrepreneurship through Research, Innovation and Best Practices. How to align academic research with entrepreneurial ventures and encourage faculty-student collaboration for commercializing research
- Building Industry-Academia Partnerships. Strategies to build strong collaborations with industry players (corporates, investors, startup founders) to create opportunities for students and faculty.
- Funding Startups: Understanding the Investment Landscape. Introduction to funding options for startups, including venture capital, angel investors, crowdfunding, and government schemes.
- Building Industry-Academia Partnerships. Strategies to build strong collaborations with industry players (corporates, investors, startup founders) to create opportunities for students and faculty.
- Incubators and Accelerators in Academia. Building a Sustainable Startup. Overview of startup incubators and accelerators, their role in supporting early-stage ventures, and how academic institutions can establish them.
- Indian Knowledge System and National Education Policy (NEP) 2020 Implementation

Key Learnings

- The faculty developed a deeper understanding of the entrepreneurial ecosystem and how it can be infused into academia.
- Greater capacity of the faculty to mentor, advise, and assist students pursuing entrepreneurship and startup initiatives.
- Formulation of a plan for initiating or enhancing entrepreneurship programs and partnerships in their own institutions.
- Enhanced partnerships between academia and the wider startup ecosystem, with an emphasis on culture of innovation and research commercialization.

LIST OF PARTICIPANTS

S No.	Name	Institute Name	Phone	Email
1	Dr. Dhanashree Nagar	IPS Academy, Institute of Business Management & Research (IBMR) Indore	9893916929	drdhanashreenagar@gmail.com
2	Mr. Piyush Kumar Laad	IPS Academy IBMR Indore	9911785380	piyush.love82@gmail.com
3	Mr. Himanshu Chaube	IPS Academy, IBMR	9907598883	himanshu.chaube@gmail.com
4	Mr. Suraj Sharma	IPS Academy, IBMR, Sanwer	9755560736	surajsharma@ipsacademy.org
5	Mr. Neeraj Bansal	IPS Academy Jhabua	9871157270	bansal.neeraj2108@gmail.com
6	Miss Nidhi Kshirsagar	Devi Ahilya Vishwavidyalaya	7724005065	kshirsagarnidhi1@gmail.com
7	Mr. Sanju Mahawar	IBMR IPS Academy	9074778466	sanjumahawar@ipsacademy.org
8	Miss Neha prajapati	Medicaps University	6261374887	nehuprajapati9@gmail.com
9	Dr. Arindam Saha	IPS Academy Institute of Business Management and Research Indore	9630339818	arindamsaha@ipsacademy.org
10	Mrs. Shweta Vyas	IPS Academy, IBMR	8964940927	shweta.parashar28@gmail.com
11	Mr. Pratik Hardiya	IPS ACADEMY, Indore	9753222240	pratikhardiya@gmail.com
12	Miss Vinita Ramchandani	IPS Academy, IBMR	9826818338	vinitaramchandani@ipsacademy.org
13	Mrs. Sonali Khare	IPS Academy College of Law, Indore	9131223338	ksonali2692@gmail.com
14	Ms. Vaishali Rai Ramani	College of law, IPSA Indore	6268674904	vaishali.rai.71020@gmail.com
15	Mr. Sonil khare	College of law, IPS Academy, Indore	7987476997	sonil141992@gmail.com
16	Dr. Somesh Bhatt	College of Law IPS Academy Indore	9827301862	someshskbhatt@gmail.com
17	Miss Bharti Yadav	College of Law, IPS Academy, Indore	7697012041	bhartiyadav1621@gmail.com
18	Mrs. Komal Joshi	IPS ACADEMY	9303355400	komal.vora91@gmail.com
19	Mr. Ashok Kumawat	College of Law, IPS academy, Indore	9907050572	ashokkumawat@ipsacademy.org
20	Dr. Pratibha Choudhary	IPS	7987640465	pratibhachoudhary@ipsacademy.org
21	Ms. Namrata Mishra	DAVV Indore	9340013101	namratamishra309@gmail.com
22	Mr. Kshitij Khare	College of Commerce, IPS Academy	9926876232	kshitijkhare@ipsacademy.org
23	Dr. Arvind Singh Vijay	School of Management Studies, Dr. B. R. Ambedkar University of Social Sciences	7869303506	arvindvijayphd@gmail.com
24	Mrs. Abhilasha Vyas	IPS Academy IES Indore	8889655026	abhilashavyas@ipsacademy.org
25	Ms. Madhuri Mehtani	Institute of Business Management & Research, IPS Academy, Indore	9111424942	madhurimehtani@ipsacademy.org
26	Mrs. Pratibha Singh Tomar	IPS Academy Indore	7016400473	pratibhasinghtomar@ipsacademy.org

27	Mrs. Jyoti Jaiswal	IPS ACADEMY, DOSS, Indore	7974852180	jjjaiswal.1978@gmail.com
28	Miss Lekha Jha	Sage University, Indore	9131250823	lekhajha21@gmail.com
29	Dr. Ruchi Mantri	IPS Academy, Institute of Business Management & Research Indore	8319974845	ruchimantri@ipsacademy.org
30	Dr. Vaibhav Modak	IPS Academy, Institute of Business Management & Research Indore	9926064830	vaibhav.modak@ipsacademy.org
31	Mrs. Divya Kothari	IPS Academy, Institute of Business Management & Research Indore	8965009522	divyakothari@ipsacademy.org
32	Dr. Ankit Laddha	IPS Academy, Institute of Business Management & Research Indore	9977773932	kalemegha777@gmail.com
33	Mr. Hitesh Sharma	Independent Researcher	9893650899	hiteshsharma10@gmail.com
34	Mr. Hitansh Sharma	College of Law, IPS Academy, Indore	9685494956	hitanshsharma@ipsacademy.org
35	Mr. Hariram Patidar	IPS Academy Indore	9200580032	harirampatidar03@gmail.com
36	Mr. Yogesh Sharma	Independent Researcher	9425103444	yogi54468@yahoo.com
37	Mr. Amol Meshram	College of Law IPS Academy INDORE MP	7566360395	amolmeshram@ipsacademy.org
38	Mr. Brahmadutta Mahapatra	Indian Institute of Technology Indore	7019663303	jeetbm1994@gmail.com
39	Mr. Animesh Paul	Indian Institute of Technology Indore	7439218051	phd2301102001@iiti.ac.in
40	Dr. Tarika Nandedkar	IPSA	9826388092	tarikanandedkar@gmail.com
41	Mr. Anupam Tirkey	IPS Academy, Indore, Madhya Pradesh	9178305909	anupamtirkey@ipsacademy.org
42	Mr. Biki Kumar Khajuria	Devi Ahilya Vishwavidyalaya	9906298272	vikikhajuriasv1@gmail.com
43	Dr. Poonam Singh	IPS Academy, Indore	9827398368	singhdrpoonam097@gmail.com
44	Mrs. Sushmita Barla	IPS Academy ,Indore	7869568769	sushmitabarla@ipsacademy.org
45	Miss Poonam Bajoria	Indian Institute of Technology Indore	8249589692	phd2401202011@iiti.ac.in
46	Mr. Saurabh Yadav	Indian Institute of Technology Indore	7988478595	phd2101191001@iiti.ac.in
47	Dr. Madhuri Modi	AIMSR, Indore	9826700688	madhurimodi@acropolis.edu.in
48	Mrs. Poonam Neema	AIMSR, Indore	8871003931	poonam.gupta2373@gmail.com
49	Dr. Vaibhav Sharma	IPS ACADEMY INDORE	9009873820	vaibhavsharma@ipsacademy.org
50	Dr. Vinita Parashar	IPS Academy, Indore	9827322261	vinitaparashar.10@gmail.com

REPORT ON SESSIONS

Session: I

Date: December 08, 2025

Time: 09.30 AM to 12.00 Noon

Topic: Project Based Learning in Entrepreneurship (Case Studies)

Resource Person Name: Prof. Shaibal Mukherjee

Affiliation, Designation: Professor, IIT Indore. Adjunct faculty RMIT Melbourne, Australia. Co-founder QuanTech L2M Pvt. Ltd.

Session Overview

The session focused on how project-based learning (PBL) can effectively foster entrepreneurial thinking by integrating interdisciplinary research, innovation, and commercialization through real-world case studies.

Detailed Description

Prof. Mukherjee emphasized that entrepreneurship education must move beyond theoretical instruction and adopt a hands-on, problem-solving approach. Drawing from the examples from his own Entrepreneurial Venture, he highlighted the role of interdisciplinary research, particularly in addressing sustainability challenges across agriculture, healthcare, and environmental domains.

The session introduced participants to quantum-scale and nanotechnology innovations, explaining how laboratory-based research can be transformed into viable commercial products. Prof. Mukherjee stressed that entrepreneurial projects begin with imagination, observation, and curiosity, which later evolve into innovative applications.

He elaborated on the role of sensor technologies—optical, resistive, and capacitive sensors—and their practical applications in agriculture and healthcare. A key case study discussed was the AI-enabled Smart Soil Health Monitoring System, which assists farmers in fertilizer optimization, soil productivity enhancement, and early disease detection using image processing.

By linking technological research with real-life societal problems, Prof. Mukherjee demonstrated how project-based learning encourages students to think like entrepreneurs, from ideation to product development and commercialization.

Key Learnings

- Project-based learning bridges the gap between research and entrepreneurship.
- Interdisciplinary collaboration is essential for sustainable innovation.
- Nanotechnology and sensor-based projects offer scalable entrepreneurial opportunities.
- Case studies help students understand the journey from lab research to market-ready products.

Conclusion

The session effectively demonstrated that entrepreneurship education thrives when learning is project-driven, research-oriented, and problem-focused. By integrating real-life case studies into the curriculum, educators can nurture innovation, creativity, and entrepreneurial mindset among students.

Pictures of the session:

Session: II

Date: December 08, 2025

Time: 2:00 PM to 4.30 PM

Topic: Integrating Entrepreneurship in Curriculum

Resource Person Name: Dr. Atul Bharat

Affiliation, Designation: Group Director at Acropolis Group of Institutions, Indore

Session Overview

This session addressed the importance of embedding entrepreneurship across academic curricula, emphasizing that entrepreneurial skills are essential not only for business students but for all disciplines.

Detailed Description

Dr. Bharat strongly advocated empowering students with the freedom to question "Why?", stating that inquisitiveness is the first step toward innovation. He explained that nurturing entrepreneurial skills requires a shift from conventional teaching methods to experiential and student-centric pedagogies. Real-life examples were shared to illustrate how entrepreneurial thinking can be embedded into everyday teaching practices.

The session provided a comprehensive overview of multiple frameworks that support entrepreneurship integration, including the **Effectuation Model, Business Model Canvas, and Design Thinking** methodology. Dr. Bharat elaborated on how these tools can be used in classrooms to help students understand opportunity identification, resource optimization, risk assessment, and customer-centric innovation. He emphasized contextualizing learning through Indian life cases and local problems, making education more relatable and impactful.

Additionally, Dr. Bharat encouraged faculty members to assign students the task of developing their own entrepreneurial case studies, identifying challenges, and proposing feasible solutions. Such practices, he noted, help break rigid mindsets and foster creativity, collaboration, and independent thinking.

Key Learnings

- Entrepreneurship can be integrated into any subject through innovative pedagogy.

- Effectuation and design thinking enhance experiential learning.
- Real-life cases make learning relevant and engaging.
- Student-centered learning fosters entrepreneurial competencies.

Conclusion

The session reinforced that curriculum integration is central to developing entrepreneurial graduates. By transforming teaching methodologies and encouraging experiential learning, educators can embed entrepreneurship as a core academic value.

Pictures of the session

Session: III

Date: December 09, 2025

Time: 09.30 AM to 12.00 Noon

Topic: Startup and Innovation

Resource Person Name: Mr. Tanutejas Saraswat

Affiliation, Designation: Entrepreneur

Session Overview

This session provided participants with a practical, ground-level understanding of startups and innovation through the lived experiences of Mr. Tanutejas Saraswat. He began by sharing his entrepreneurial journey in the retail sector, offering valuable insights into the realities of building and sustaining a business.

Detailed Description

Mr. Saraswat emphasized that successful startups are born from real-life problems and that entrepreneurs must develop the habit of observing everyday challenges. He highlighted the importance of adopting a customer-centric approach, treating customers as key stakeholders whose perspectives shape business decisions, particularly in the highly competitive grocery and FMCG sectors.

The session addressed critical operational aspects of entrepreneurship, including market understanding, supply chain management, inventory control, and customer service. Mr. Saraswat highlighted that while financial capital is necessary, entrepreneurial success ultimately depends on sound financial management and sustainable profitability.

Furthermore, the session explored how academic institutions can foster innovation by exposing students to market research techniques, problem validation processes, and industry collaboration. Mr. Saraswat stressed the role of industry-academia co-creation in building a robust entrepreneurial ecosystem.

Key Learnings

- Innovation starts with identifying real-life problems.
- Customer-centric thinking is vital for startup success.

- Financial discipline is as important as creativity.
- Industry-academia collaboration accelerates innovation.

Conclusion

The session emphasized that entrepreneurship is a continuous learning journey, where innovation, adaptability, and customer focus define success.

Pictures of the session:

Session: IV

Date: December 09, 2025

Time: 2 PM to 4.30 PM

Topic: **Entrepreneurial Culture in Academia**

Resource Person Name: Mr. Pushpendra Agrawal

Affiliation, Designation: Entrepreneur and Founder Walkover Web Solutions Ltd.

Session Overview

This session highlighted the role of entrepreneurial culture within academic institutions to prepare students for real-world challenges.

Detailed Description

Mr. Pushpendra Agrawal's session emphasized the importance of cultivating an **entrepreneurial culture within academic institutions**. He shared his personal entrepreneurial journey, including international exposure, early struggles, failures, and eventual success, providing participants with authentic insights into the entrepreneurial mindset.

He discussed the structure and functioning of startups, including market strategies, social networking, automation, and the integration of AI in business operations. Through real-life examples from his organization, Mr. Agrawal demonstrated how technology can streamline processes and enhance decision-making.

A significant portion of the session focused on academic practices that promote entrepreneurship, such as startup simulations, biographical studies of entrepreneurs, and classroom activities that encourage strategic thinking. He stressed the need to develop **mental models for decision-making**, enabling students to evaluate options and make informed choices.

Key Learnings

- Entrepreneurial culture must be embedded in academic practices.
- Practical exposure builds confidence and decision-making ability.
- Technology and AI are integral to modern entrepreneurship.

Conclusion

The session reinforced that academia must function as an entrepreneurial ecosystem, enabling students to think independently, innovate, and take calculated risks.

Pictures of the session:

Session: V

Date: December 10, 2025

Time: 09.30 AM to 12.00 Noon

Topic: Building Industry Academia Partnership

Resource Person Name: Prof. Dr. A. Thillai Rajan

Affiliation, Designation: Professor, IIT Madras. Associate: Harvard Kennedy School, Co-founder YNOS Venture Engine.

Session Overview

The session explored the strategic importance of industry-academia collaboration in enhancing teaching, research, and employability.

Detailed Description

Prof. Rajan's session provided an in-depth understanding of the **strategic importance of industry–academia collaboration**. He emphasized that teaching, research, and industry engagement are interdependent and collectively shape the quality of higher education.

He highlighted that industry partnerships help academic institutions stay aligned with evolving market needs, thereby enhancing student employability. According to Prof. Rajan, research and industry exposure enable faculty members to deliver high-quality, relevant classroom instruction.

The session also stressed the importance of internships, industry visits, and collaborative research projects in preparing students for professional environments. Prof. Rajan concluded that sustainable academic excellence depends on **continuous engagement with industry**.

Key Learnings

- Industry collaboration enriches academic outcomes.
- Research-driven teaching improves student engagement.
- Internships bridge skill gaps between academia and industry.

Conclusion

The session concluded that strong industry-academia partnerships are essential for creating future-ready graduates and relevant educational institutions.

Pictures of the session:

Session: VI

Date: December 10, 2025

Time: 2 PM to 4.30 PM

Topic: Entrepreneurship through Research, Innovation and Best Practices

Resource Person Name: Dr. Prof. Shaibal Mukherjee

Affiliation, Designation: Professor, IIT Indore. Adjunct faculty RMIT Melbourne, Australia. Co-founder QuanTech L2M Pvt. Ltd.

Session Overview

This advanced session built upon the earlier discussions by highlighting how research-driven innovation can be effectively transformed into entrepreneurial ventures. Prof. Shaibal Mukherjee aligned the deliberations with national innovation policies and government initiatives supporting startups, thereby providing participants with a broader policy and ecosystem perspective.

Detailed Description

This advanced session expanded on earlier discussions by demonstrating how **research-driven innovation can lead to entrepreneurial ventures**. Prof. Mukherjee aligned the session with national innovation policies and government initiatives supporting startups.

Ph.D. scholars presented real-time case studies on sensor-based products, gas detection technologies, and agricultural innovations. These examples showcased the journey from laboratory research to field testing and commercialization.

The session underscored the importance of **IoT, AI, and interdisciplinary collaboration** in creating scalable and impactful startups. Prof. Mukherjee reiterated that research excellence, when combined with entrepreneurial vision, leads to sustainable innovation

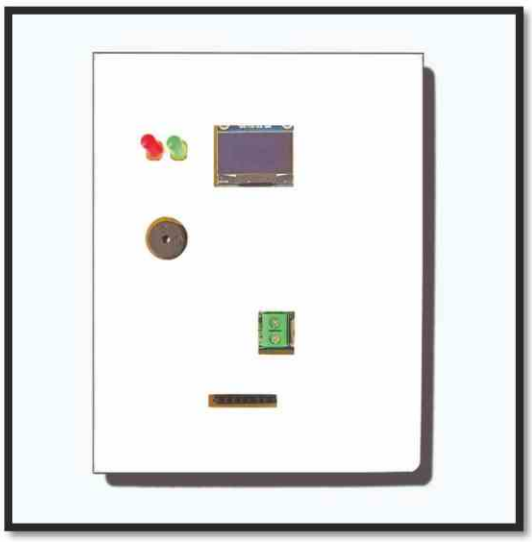
Key Learnings

- Research-based entrepreneurship creates sustainable startups.
- Technology labs play a crucial role in innovation.
- Field testing and real-time data are essential for product validation.

Conclusion

The session reinforced that **research excellence combined with entrepreneurial intent leads to impactful innovation**.

Pictures of the Products and Prototypes that are ready for mass commercialization:



Agricultural Sensor: This advanced Agriculture sensor is tailored to measure the concentrations of Nitrogen, Phosphorus, Potassium, pH, Soil Moisture, Temperature and Electroconductivity (EC) in your soil. With these key insights, you can optimize nutrient levels for healthier crops and more sustainable agriculture practices.

Bio Sensor: Elevate safety with our cutting-edge technology Bio Sensor, accurately detecting various biomarkers such as uric acid, cholesterol, adenine and creatinine levels in the blood with precision and efficiency.

Pictures of the session:

Session: VII

Date: December 11, 2025

Time: 2 PM to 4.30 PM

Topic: Indian Knowledge System and NEP

Resource Person Name: Dr. G.S. Murthy

Affiliation, Designation: Professor, IIT Indore, National Coordinator IKS Division, Ministry of Education, GOI

Session Overview

This session provided an in-depth understanding of the Indian Knowledge System (IKS) and its alignment with the National Education Policy (NEP), highlighting its relevance in contemporary education. Prof. G. S. Murthy offered a holistic perspective on IKS by integrating philosophical thought, traditional wisdom, and modern research methodologies. The session aimed to sensitize educators to the importance of preserving and revitalizing indigenous knowledge systems while embedding them meaningfully into mainstream academic frameworks.

Detailed Description

Prof. Murthy began the session by introducing the conceptual foundations of the Indian Knowledge System, explaining how India's traditional wisdom encompasses diverse domains such as science, mathematics, medicine, philosophy, arts, and governance. He emphasized that IKS is not merely historical knowledge but a living, evolving system that continues to offer solutions to contemporary challenges.

The discussion was closely aligned with the objectives of the National Education Policy, which advocates the integration of indigenous knowledge into teaching, learning, and research. Prof. Murthy elaborated on various **knowledge acquisition methodologies** within IKS, including first-person, second-person, and third-person inquiry, and explained their relevance in developing holistic understanding and experiential learning.

A significant part of the session focused on addressing the **challenge of pseudoscience**, emphasizing the need for rigorous research, validation, and critical inquiry in the study of IKS.

Prof. Murthy highlighted the importance of preserving the **uniqueness of IKS** through cultural and philosophical frameworks, including concepts such as the goals of life, cyclical understanding of time, and ethical dimensions of knowledge.

The session also touched upon intellectual property rights, research ethics, and the role of education in safeguarding and disseminating indigenous wisdom in a scientifically robust manner.

Key Learnings

- Indian Knowledge System provides a holistic and value-based approach to education.
- NEP supports the integration of indigenous knowledge into modern curricula.
- Rigorous research methodologies are essential to distinguish authentic knowledge from pseudoscience.
- Preserving cultural and philosophical uniqueness strengthens educational identity and relevance.

Conclusion

The session concluded with a strong message that **integrating IKS into mainstream education is essential for creating holistic, ethical, and value-driven learning systems**. Prof. Murthy reinforced that educators play a pivotal role in preserving indigenous wisdom while adapting it to contemporary academic and societal needs.

Pictures of the session:

IPS Academy,

3rd December, 2025

Session: VIII

Date: December 12, 2025

Time: 2 PM to 4.30 PM

Topic: Overview of Entrepreneurship

Resource Person Name: Mr. Mohit Jain

Affiliation, Designation: Entrepreneur, Co-founder & CEO – Kimirica Hunter International LLP

Session Overview

This session focused on providing a practical and inspirational overview of entrepreneurship through the **real-life entrepreneurial journey** of Mr. Mohit Jain, Co-founder and CEO of Kimirica. The session aimed to motivate educators to understand entrepreneurship as a mindset shaped by resilience, innovation, ethical practices, and continuous learning, rather than merely a business activity.

Detailed Description

Mr. Jain shared his entrepreneurial journey, tracing the evolution of Kimirica from a modest startup to a globally recognized enterprise. He highlighted key milestones in the company's growth, including product development, market expansion, and international presence. Through candid reflections, he discussed challenges faced during different phases of the business, including market competition and the unprecedented impact of the COVID-19 pandemic.

The session emphasized that failures and setbacks are integral to the entrepreneurial process and serve as powerful learning opportunities. Mr. Jain elaborated on how resilience, adaptability, and strategic thinking enabled his organization to navigate crises and emerge stronger. He also underscored the importance of **integrity, ethical practices, and trust-building** in sustaining long-term business success.

Additionally, the session highlighted the significance of **innovation, networking, and continuous learning** as core entrepreneurial values. Mr. Jain encouraged educators to instil

these values in students by exposing them to real-world business challenges, experiential learning opportunities, and role models from the entrepreneurial ecosystem.

Key Learnings

- Entrepreneurship is a mindset developed through experience, resilience, and learning.
- Failures and challenges provide valuable lessons for long-term success.
- Integrity, innovation, and networking are critical for sustainable entrepreneurship.
- Educators play a key role in nurturing entrepreneurial thinking among students.

Conclusion

The session concluded by inspiring participants to **promote an entrepreneurial mindset within academic environments**. Mr. Jain reinforced that by encouraging innovation, ethical practices, and lifelong learning, educators can prepare students to become confident, responsible, and resilient entrepreneurs capable of thriving in a dynamic global ecosystem.

Pictures of the session:

Session: IX

Date: December 12, 2025

Time: 09:30 AM to 12 Noon

Topic: Startup Ecosystem

Resource Person Name: Mr. Vipin Sharma

Affiliation, Designation: Entrepreneur, Coldwell Banker and Cofounder Veracity World

Session Overview

This session focused on understanding the startup ecosystem and the crucial role played by individuals, institutions, educators, and continuous self-development in nurturing entrepreneurial environments. The discussion emphasized how mindset transformation and educator empowerment collectively contribute to building a sustainable and inclusive startup ecosystem.

Detailed Description

Mr. Vipin Sharma initiated the session by engaging participants in a series of interactive and reflective activities designed to encourage self-awareness, clarity of purpose, and openness to learning. These activities helped participants understand that a robust startup ecosystem begins with individuals who are mentally prepared to adapt, innovate, and continuously evolve.

He elaborated that startup ecosystems are not limited to infrastructure such as incubators, accelerators, or funding agencies, but are deeply rooted in human capital, attitudes, and lifelong learning practices. Mr. Sharma emphasized that self-investment—through skill enhancement, knowledge acquisition, and mindset development—is the foundation upon which entrepreneurial ecosystems flourish.

Drawing from his personal entrepreneurial journey, Mr. Sharma explained how grassroots exposure, real-world engagement, and staying connected to ground realities strengthen an entrepreneur's ability to identify opportunities and respond to challenges effectively. He stressed that research-oriented thinking plays a vital role in ecosystem development, as it enables entrepreneurs to validate ideas, understand markets, and make informed decisions.

The session also highlighted the role of educators as ecosystem builders. Mr. Sharma emphasized that educators act as mentors, facilitators, and role models who influence students'

entrepreneurial aspirations. By encouraging curiosity, resilience, and problem-solving, educators can create a culture that supports innovation, collaboration, and startup growth within academic institutions.

Key Learnings

- A strong startup ecosystem is built on mindset, skills, and continuous learning.
- Self-investment and adaptability are essential for entrepreneurial success.
- Research-driven thinking strengthens opportunity identification and innovation.
- Educators play a pivotal role in nurturing and sustaining startup ecosystems.

Conclusion

The session concluded by reinforcing that startup ecosystems thrive when individuals and institutions prioritize mindset development and lifelong learning. Empowered educators and self-motivated learners together act as catalysts for creating vibrant and sustainable entrepreneurial ecosystems.

Session: X

Date: December 12, 2025

Time: 02:00 PM to 04:30 PM

Topic: Funding Startups

Resource Person Name: Mr. Vipin Sharma

Affiliation, Designation: Entrepreneur, Coldwell Banker and Cofounder Veracity World

Session Overview

This session focused on the importance of financial preparedness, strategic thinking, and informed decision-making in the context of funding startups. It emphasized that funding is not merely about raising capital but about building credibility, clarity, and long-term sustainability.

Detailed Description

Mr. Vipin Sharma began the session by highlighting that funding is a means to scale ideas, not a substitute for vision, discipline, or research. He emphasized that entrepreneurs must first invest in themselves by developing knowledge, skills, and clarity before seeking external funding.

Through reflective discussions, he explained that successful funding journeys are rooted in deep research and preparation. Entrepreneurs who understand their business model, market dynamics, and value proposition are better equipped to engage with investors, lenders, and financial institutions. Research enables entrepreneurs to make realistic projections, assess risks, and communicate their ideas convincingly.

Mr. Sharma also emphasized the importance of self-discipline and resilience in managing funds. He explained that funding brings responsibility and accountability, and entrepreneurs must demonstrate ethical practices, financial prudence, and long-term commitment. Staying grounded and connected to operational realities ensures that financial resources are utilized effectively.

Additionally, the session highlighted the role of educators in preparing students to understand funding mechanisms such as bootstrapping, angel investment, venture capital, and institutional funding. By instilling financial literacy and decision-making skills, educators can help students approach funding with confidence and responsibility.

Key Learnings

- Funding is an enabler, not the starting point, of entrepreneurship.
- Research and preparation strengthen funding readiness and credibility.
- Financial discipline and ethical practices are critical for sustainable growth.
- Educators play a key role in developing funding awareness and financial literacy.

Conclusion

The session concluded by emphasizing that successful funding outcomes depend on strong foundations of self-investment, research, and disciplined execution. When entrepreneurs are well-prepared and educators are empowered to guide them, funding becomes a strategic tool for sustainable startup growth rather than a challenge.

Pictures of the Sessions:

REPORT ON HANDS-ON EXERCISES

Exercise/Activity: Business Model Canvas

OBJECTIVES: To empower participants to translate theoretical concepts into actionable business insights using practical tools and techniques shared during the session.

SKILLS LEARNED/PRACTICED: The Hands-on Training session focused on the Business Model framework, enabling participants to understand and apply essential components for practical entrepreneurial decision-making. Key outcomes included learning to frame business scenarios, recognize the interconnectivity of business elements, and visualize integrated Business Models. Using a caselet on a Paddy Farming Company, participants gained practical experience in identifying value propositions, customer segments, operations, revenue mechanisms, and resource alignment. This exercise enhanced analytical and strategic thinking, supporting the translation of concepts into actionable business insights.

KEY LEARNINGS:

1. Learned the structure and components of a Business Model.
2. Understood how to frame and analyze a business scenario.
3. Identified the interconnectivity among all business elements.
4. Improved skills in visualizing and mapping a Business Model.
5. Practically applied concepts through a caselet on a Paddy Farming Company.
6. Enhanced ability to interpret business insights and identify improvement areas.

Exercise/Activity: Scamper

OBJECTIVES: To enable participants to apply SCAMPER to a random case scenario and develop innovative solutions.

SKILLS LEARNED/PRACTICED: Participants practiced core innovation and problem-solving skills by applying the SCAMPER method to a randomly assigned case. The activity enabled them to critically examine existing processes, question assumptions, and generate

alternative solutions by substituting, combining, adapting, modifying, putting to other uses, eliminating, and rearranging elements. Through teamwork, they strengthened communication, ideation, and decision-making capabilities, leading to structured and creative outcomes.

KEY LEARNINGS:

1. Gained practical understanding of the SCAMPER framework and its applications.
2. Learned how to generate creative alternatives by systematically modifying existing ideas.
3. Understood the importance of team collaboration in innovation-oriented tasks.
4. Developed the ability to convert creative concepts into feasible solutions.
5. Enhanced critical thinking by applying the SCAMPER prompts to real-time problem scenarios.

Exercise/Activity: Slack

OBJECTIVES: Enable participants to gain hands-on experience using Slack as a professional communication and collaboration tool. The exercise aimed to help participants effectively use Slack features for messaging, information sharing, and coordination in a simulated work environment.

SKILLS LEARNED/PRACTICED: Participants practiced essential digital communication and collaboration skills through hands-on use of Slack. The exercise helped them navigate channels and direct messages effectively, use threads to keep conversations organized, and share files, links, and updates in a clear and professional manner. They also practiced real-time collaboration, quick coordination, and appropriate communication etiquette while working on assigned tasks, enhancing their ability to use Slack as a productive workplace messaging and communication tool.

KEY LEARNINGS:

1. Gained practical understanding of Slack's core features and interface
2. Learned how structured communication improves clarity and reduces information overload
3. Understood the importance of using channels and threads for organized collaboration
4. Developed confidence in using Slack for team coordination and quick decision-making
5. Recognized Slack's role in enhancing productivity and reducing reliance on emails

Exercise/Activity: Wordpress

OBJECTIVES: To provide an understanding of the basic architecture and working of WordPress.

SKILLS LEARNED/PRACTICED: Participants practiced core innovation and problem-solving skills by applying the SCAMPER method to a randomly assigned case. The activity enabled them to critically examine existing processes, question assumptions, and generate alternative solutions by substituting, combining, adapting, modifying, putting to other uses, eliminating, and rearranging elements. Through teamwork, they strengthened communication, ideation, and decision-making capabilities, leading to structured and creative outcomes.

KEY LEARNINGS:

1. Gained practical understanding of the SCAMPER framework and its applications.
2. Learned how to generate creative alternatives by systematically modifying existing ideas.
3. Understood the importance of team collaboration in innovation-oriented tasks.
4. Developed the ability to convert creative concepts into feasible solutions.
5. Enhanced critical thinking by applying the SCAMPER prompts to real-time problem scenarios.

Exercise/Activity: Wordpress with AI

OBJECTIVES: To explore the application of WordPress AI tools.

SKILLS LEARNED/PRACTICED: Participants developed skills in using AI tools for content creation, layout planning, and website management. The session enhanced their ability to integrate AI solutions to improve productivity, content quality, and digital presence.

KEY LEARNINGS:

1. Understood the concept of AI integration in WordPress.
2. Learned to apply AI for content creation and website setup.
3. Recognized the efficiency gains offered by AI-assisted web development.
4. Identified the relevance of WordPress AI for educational and professional use.

Pictures of the Sessions:

REPORT ON ARTICLE DISCUSSION

Article Title: Startup founders: university's role and entrepreneur's intention–action gap in emerging markets

Source: Ribeiro, A. T. V. B., Costa, L. dos S., Borini, F. M., & Cahen, F. R. (2025). Startup founders: University's role and entrepreneur's intention–action gap in emerging markets. *Journal of Entrepreneurship in Emerging Economies, 17*(2), 239–259. https://doi.org/10.1108/JEEE-12-2022-0383

OBJECTIVE: The study investigates how universities influence the intention–action gap (IAG) — the delay between students' entrepreneurial intentions and their actual startup creation — focusing on successful founders in Brazil (an emerging market).

KEY FINDINGS:

Extracurricular activities & exchange programs → reduce the IAG (students act faster on entrepreneurial intentions).

Studying in major economic centres → extends the IAG (paradoxically delays startup creation).

Computer science & industrial engineering graduates → shorter IAG (STEM advantage).

Studying with future co-founders → reduces IAG (peer networks matter).

Practical Implications for Universities

- Invest in student-led organizations (junior enterprises, clubs, societies).
- Promote international exchange programs to expose students to mature entrepreneurial ecosystems.
- Encourage peer collaboration and team formation during undergraduate years.
- Recognize that location effects may differ in emerging markets compared to developed ones.

CONCLUSION: Universities in emerging markets play a critical role in bridging the gap between entrepreneurial intention and action. By fostering extracurricular engagement,

international exposure, and peer networks, they can accelerate the creation of successful startups and strengthen local entrepreneurial ecosystems.

Article Title: Startup Ecosystem in India: The growth and rise of Startups in the recent scenario

Source: Ray, P. (2024). Startup ecosystem in India: The growth and rise of startups in the recent scenario. *SMS Journal of Entrepreneurship & Innovation, 10*(2), 81–92. https://doi.org/10.21844/smsjei.v10i02.30008

OBJECTIVE: The study aims to provide a comprehensive understanding of the startup ecosystem in India by examining its structure, stakeholders, and dynamics. It seeks to analyse the trend and growth of Indian startups in the current scenario, highlighting how they have evolved over recent years. Furthermore, the research intends to identify the key reasons behind the rapid rise of startups in the country, including financial support, government initiatives, innovation, and the role of young entrepreneurs. By exploring these aspects, the study also considers the aftereffects of this growth, such as job creation, economic development, and India's increasing competitiveness in the global startup landscape.

KEY FINDINGS:

1. Improved Global Ranking – India's position in the Global Startup Ecosystem Index improved from 37th (2016–17) to 21st (2022–23).
2. Rapid Growth in Startups – Recognised startups grew from just 452 in 2015–16 to 34,779 in 2022–23, showing exponential expansion.
3. Regional Growth – States like West Bengal also witnessed significant growth, from 8 startups in 2015–16 to 1,170 in 2022–23.
4. Funding Support – Venture capitalists and angel investors played a crucial role, with funding peaking at USD 38 billion in 2020–21.
5. Government Initiatives – Schemes like Startup India Initiative, Seed Fund Scheme, and Atal Innovation Mission provided strong policy support.

6. Innovation Index Improvement – India's Global Innovation Index ranking improved from 76 (2013–14) to 40 (2022–23), reflecting stronger innovation culture.
7. Rise of Incubators & Accelerators – The number of incubators/accelerators increased from 80 (2013–14) to 794 (2022–23), strengthening support infrastructure.
8. Job Creation – Startups created 390,512 jobs by 2022–23, compared to only 10 jobs in 2015–16, highlighting their role in tackling unemployment.

CONCLUSION: The study concludes that India's startup ecosystem is steadily rising and will continue to expand in the future. With strong government support, increasing innovation, and growing investor interest, startups are becoming a critical driver of economic growth and job creation. The ecosystem is evolving to compete globally, and startups are expected to play a vital role in solving unemployment and strengthening India's economy.

Article Title: Technological Transformation and the Role of Frugal Innovations in Entrepreneurship Development in India

Source: Khadria, B., & Mishra, R. (2023). Technological transformation and the role of frugal innovations in entrepreneurship development in India. *The Journal of Entrepreneurship, 32*(2S), 27S–46S. https://doi.org/10.1177/09713557231201116

OBJECTIVE: The study aims to explore the relationship between technological transformation, frugal innovations (FIs), and entrepreneurship development in India. It seeks to understand how frugal innovations—often referred to as *Jugaad*—contribute to sustainability, affordability, and accessibility in resource-constrained environments. The research also examines India's potential as a lead market for frugal innovations, analyzing their role in socio-economic sectors such as healthcare, education, and agriculture. By applying the lead market theory, the study intends to highlight India's influence on the global discourse of appropriate technology and its ability to foster entrepreneurship that addresses grassroots needs while promoting sustainable development.

KEY FINDINGS:

1. India as a Lead Market – India has emerged as a lead market for frugal innovations, with examples like Tata Nano, Jaipur Foot, and Mohalla Clinics demonstrating cost-effective solutions for mass adoption.
2. Sectoral Impact – Frugal innovations have significantly influenced healthcare (portable ECG devices, low-cost prosthetics), education (Foldscope, happiness curriculum), and agriculture (Husk Power Systems, Marut Drones).
3. Global Recognition – India contributes the highest number of frugal innovation cases globally, positioning itself alongside China, Brazil, and Kenya in driving resource-efficient solutions.
4. Technological Transformation – India's journey from indigenous technology post-independence to IT-driven liberalisation in the 1990s has created fertile ground for innovation and entrepreneurship.
5. Government Support – Initiatives like Startup India, Atal Innovation Mission, and Science & Technology policies have strengthened the ecosystem for frugal innovations.
6. Jugaad vs. Structured Innovation – While Jugaad provides quick, low-cost solutions, it lacks durability and systematic R&D, making it complementary but not a substitute for structured innovation.
7. Social Welfare Orientation – Frugal innovations prioritize affordability and accessibility, addressing the needs of marginalized communities and contributing to inclusive development.
8. Global Innovation Index – India's improved ranking (40th in 2022) reflects its growing innovation capacity and strengthens its position in the global innovation landscape.

CONCLUSION: The study concludes that India's technological transformation, combined with frugal innovations, has positioned the country as a global hub for resource-efficient

entrepreneurship. Frugal innovations have proven to be powerful tools in addressing grassroots challenges, creating affordable solutions, and promoting sustainability across socio-economic sectors. While Jugaad innovations showcase India's ingenuity, structured approaches are necessary to ensure long-term durability and scalability. With strong government initiatives, rising innovation capacity, and a supportive entrepreneurial ecosystem, India is poised to lead globally in frugal innovation, contributing significantly to sustainable development and inclusive economic growth.

Pictures of the Sessions:

INDUSTRY VISIT REPORT

Industry visited: IIT, Indore

Date: 12th Dec 2025

Time: 9:30 A.M. to 12 Noon

Location: Indore

Summary of the Visit: On Day V of the FDP, participants visited to Sophisticated Instrumentation Centre of IIT, Indore in the first session. Prof. Shaibal, Mukherjee and his team acquainted the participants with their 'AI enabled smart soil health monitor project'. The participants saw the Chemical Vapor Deposition Machine used to prepare the silicon-based sensor material preparation. The software connected with the machine maintains the temperature and prepares the basic material required for sensors. The machine prepares and maintains certain environment to mix the material uniformly.

Spin coating machines are used to coat material uniformly on the devise. Ultra-sonication method to clean silicon particles produces ultrasonic waves and cleans dust particles. Acetone is used to clean the dust particle with dry nitrogen. Hybrid Nanodevice Research Lab also has Dual Iron Beam Spurting machine, DIBS where Silicon substance is loaded in a machine, vacuum is created through a pump to clean the substance. Fume hold machines are used to clean the accessories used in the processes. It discards the harmful fumes as well just like a kitchen chimney system. The team demonstrated the prototype of the sensor in soil outside the lab. The results are produced every 15 sec. and the sensor calibrates it on the device connected to it.

Pictures of the Session:

VALEDICTORY SESSION

The **Valedictory Session (13 December 2025)** marked the successful conclusion of the one-week Offline AICTE–ATAL Faculty Development Programme on "Promoting Entrepreneurship and Advancing the Startup Ecosystem within Academia: Empowering Educators," organized by IPS Academy, Institute of Business Management & Research, Indore (M.P.) from 08–13 December 2025.

The FDP featured expert sessions by eminent academicians and industry leaders: **Prof. Shaibal Mukherjee (IIT Indore)** on *Project-Based Learning in Entrepreneurship* and *Entrepreneurship through Research, Innovation and Best Practices*; **Dr. Atul Bharat**, Group Director (CDC), Acropolis Group of Institutions, Indore, on *Integrating Entrepreneurship in Curriculum*; **Mr. Tanutejas Saraswat** on *Incubators and Accelerators in Academia*; **Mr. Pushpendra Agrawal**, Founder, Walkover Web Solutions Ltd., on *Creating Entrepreneurial Culture in Academia*; **Prof. Dr. A. Thillai Rajan (IIT Madras)** on *Building Industry–Academia Partnerships*; **Prof. Dr. G. S. Murthy (IIT Indore)** on *Indian Knowledge Systems and NEP*; **Mr. Mohit Jain**, Co-founder & CEO, Kimirica Hunter International LLP, on *Overview of Entrepreneurship*; and **Mr. Vipin Sharma**, Entrepreneur from Dubai, on *Startup Ecosystem and Funding*. Participants also visited the **Sophisticated Instrumentation Centre, IIT Indore**, gaining exposure to innovation and startup ecosystems within academia. The institution expressed sincere gratitude to the **AICTE ATAL Academy** for its continued support and trust in making the FDP impactful and transformative.

Our heartfelt thanks and appreciation to **Dr. Vivek Singh Kushwaha, Director, IPS Academy, Institute of Business Management and Research, Indore**, for his unwavering support and delivering the Valedictory address. He reflected on participants' learnings, emphasized mindset alignment, market-oriented teaching through current affairs, and the faculty's role as facilitators. He concluded by highlighting **John Mullin's Seven Domain Model** for assessing business feasibility and scalability. The ceremony concluded with **participant feedback**, **FDP Report Presentation by Dr. Pallabi Mukherjee**, and **Concluding Remarks by Dr. Ritu Mishra**, effectively capturing the outcomes and impact of the programme.

Pictures of the Session:

MEDIA REPORTS

दैनिक भास्कर

इंदौर सिटी भास्कर 07-12-2025

आईपीएस में अटल एफडीपी कल से

इंदौर • आईपीएस एकेडमी, इंस्टिट्यूट ऑफ बिजनेस मैनेजमेंट एंड रिसर्च में 8 से 13 दिसंबर तक अटल (एआईसीटीई) नई दिल्ली द्वारा छह दिनी फैकल्टी डेवलपमेंट प्रोग्राम होगा। विषय है 'प्रमोटिंग इंटरप्रेन्योरशिप एंड एडवांसिंग स्टार्टअप इकोसिस्टम विदिन एकेडमियाः एम्पावरिंग एजुकेटर्स। संस्थापक योगेन्द्र जैन ने बताया कि कार्यक्रम का उद्देश्य शिक्षकों को उद्यमिता और स्टार्टअप इकोसिस्टम की उभरती जरूरतों के अनुरूप प्रशिक्षित करना है।

YOUTUBE LINKS OF SESSIONS

1. DAY 1 Inaugural- ATAL FDP- Promoting Entrepreneurship and Advancing the Startup Ecosystem within Academia: Empowering Educators
   https://youtu.be/18FMFolPMys
2. DAY 1 Session 1- ATAL FDP Promoting Entrepreneurship and Advancing the Startup Ecosystem within Academia: Empowering Educators
   https://youtu.be/Gw9CveA6CQ8
3. DAY 1 Session 2- ATAL FDP- Promoting Entrepreneurship and Advancing the Startup Ecosystem within Academia: Empowering Educators
   https://youtu.be/AFMvn1n7Ch8
4. DAY 2 Session 3- ATAL FDP- Promoting Entrepreneurship and Advancing the Startup Ecosystem within Academia: Empowering Educators
   https://youtu.be/3fop3kn5hK8
5. DAY 2 Session 4- ATAL FDP- Promoting Entrepreneurship and Advancing the Startup Ecosystem within Academia: Empowering Educators
   https://youtu.be/_0BrPJ95vzc
6. DAY 3 Session 5- ATAL FDP- Promoting Entrepreneurship and Advancing the Startup Ecosystem within Academia: Empowering Educators
   https://youtu.be/B-tjEIUPrr8
7. DAY 3 Session 6- ATAL FDP- Promoting Entrepreneurship and Advancing the Startup Ecosystem within Academia: Empowering Educators
   https://youtu.be/VIVtI4kQRKE
8. DAY 4 Session 7-ATAL FDP- Promoting Entrepreneurship and Advancing the Startup Ecosystem within Academia: Empowering Educators
   https://youtu.be/qVu75cWd3Ao
9. DAY 5 Session 8- ATAL FDP- Promoting Entrepreneurship and Advancing the Startup Ecosystem within Academia: Empowering Educators
   https://youtu.be/6W-o6FN_M28
10. DAY 6 Session 9- ATAL FDP- Promoting Entrepreneurship and Advancing the Startup Ecosystem within Academia: Empowering Educators
    https://youtu.be/Tbhrc0xYJn4

11. DAY 6 Session 10- ATAL FDP- Promoting Entrepreneurship and Advancing the Startup Ecosystem within Academia: Empowering Educators
    https://youtu.be/ctEMM5Fg6Ks
12. DAY 6 Valedictory - ATAL FDP- Promoting Entrepreneurship and Advancing the Startup Ecosystem within Academia: Empowering Educators
    https://youtu.be/W5eORltGdlE

CERTIFICATES

ATAL/2025/1752568070

ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

Nelson Mandela Marg, Vasant Kunj, New Delhi -110070

AICTE Training and Learning (ATAL) Academy

Certificate

It is certified that ***Dr. RUCHI MANTRI, Assistant Professor*** *of* ***IPS Academy,Institute of Business Management & Research Indore*** *has successfully participated & completed AICTE Training And Learning (ATAL) Academy Faculty Development Program on* ***Promoting Entrepreneurship and Advancing the Startup Ecosystem within Academia: Empowering Educators*** *at* ***IPS ACADEMY, INSTITUTE OF BUSINESS MANAGEMENT AND RESEARCH, INDORE, (M.P.)*** *from* ***08/12/2025*** *to* ***13/12/2025.***

Pallabi Mukherjee
Associate Professor Level (AICTE Institute), Coordinator
IPS ACADEMY, INSTITUTE OF BUSINESS MANAGEMENT AND RESEARCH, INDORE, (M.P.)

Dr. Sunil Luthra
Director & Bureau Head
Training and Learning Bureau, AICTE

ATAL/2025/1764835450

ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

Nelson Mandela Marg, Vasant Kunj, New Delhi -110070

AICTE Training and Learning (ATAL) Academy

Certificate

It is certified that ***Mr. Dr. Vaibhav Sharma, Associate Professor*** *of* ***IPS ACADEMY INDORE*** *has successfully participated & completed AICTE Training And Learning (ATAL) Academy Faculty Development Program on* ***Promoting Entrepreneurship and Advancing the Startup Ecosystem within Academia: Empowering Educators*** *at* ***IPS ACADEMY, INSTITUTE OF BUSINESS MANAGEMENT AND RESEARCH, INDORE, (M.P.)*** *from* ***08/12/2025*** *to* ***13/12/2025.***

Pallabi Mukherjee
Associate Professor Level (AICTE Institute), Coordinator
IPS ACADEMY, INSTITUTE OF BUSINESS MANAGEMENT AND RESEARCH, INDORE, (M.P.)

Dr. Sunil Luthra
Director & Bureau Head
Training and Learning Bureau, AICTE

ATAL/2025/1753863103

Skill India

ATAL

AICTE

ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

Nelson Mandela Marg, Vasant Kunj, New Delhi -110070

AICTE Training and Learning (ATAL) Academy

Certificate

It is certified that ***Mr. Neeraj Bansal, Assistant Professor*** *of* ***IPS Academy Jhabua*** *has successfully participated & completed AICTE Training And Learning (ATAL) Academy Faculty Development Program on* ***Promoting Entrepreneurship and Advancing the Startup Ecosystem within Academia: Empowering Educators*** *at* ***IPS ACADEMY, INSTITUTE OF BUSINESS MANAGEMENT AND RESEARCH, INDORE, (M.P.)*** *from* ***08/12/2025*** *to* ***13/12/2025.***

Pallabi Mukherjee
Associate Professor Level (AICTE Institute), Coordinator
IPS ACADEMY, INSTITUTE OF BUSINESS MANAGEMENT AND RESEARCH, INDORE, (M.P.)

Dr. Sunil Luthra
Director & Bureau Head
Training and Learning Bureau, AICTE

ATAL/2025/1748097283

Skill India

ATAL

AICTE

ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

Nelson Mandela Marg, Vasant Kunj, New Delhi -110070

AICTE Training and Learning (ATAL) Academy

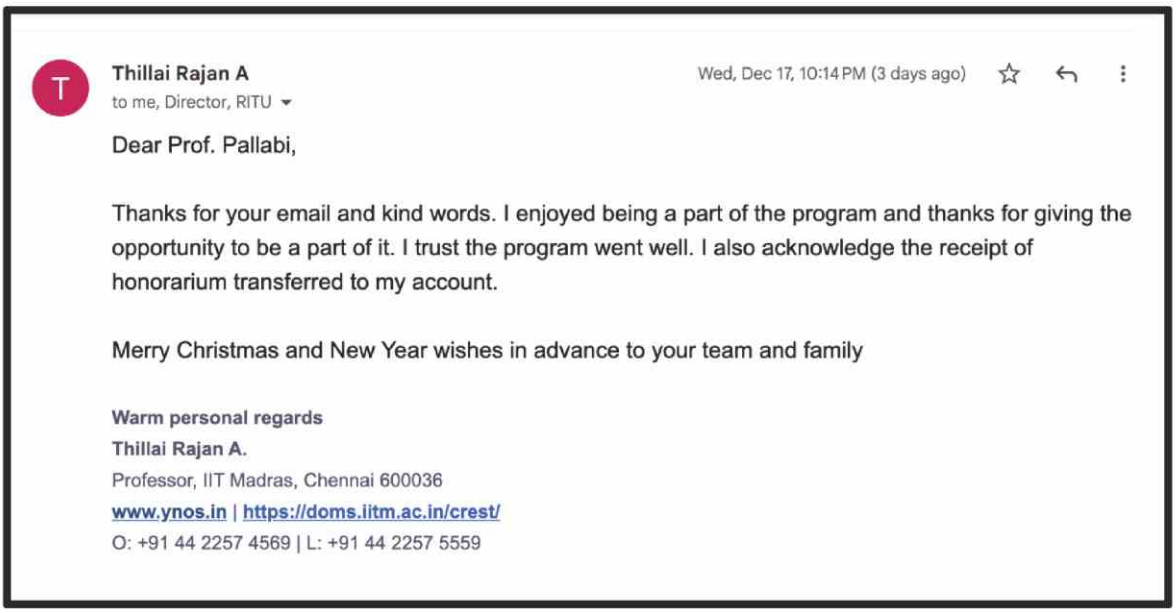
Certificate

It is certified that ***Miss Neha prajapati, Assistant Professor*** *of* ***Medicaps University*** *has successfully participated & completed AICTE Training And Learning (ATAL) Academy Faculty Development Program on* ***Promoting Entrepreneurship and Advancing the Startup Ecosystem within Academia: Empowering Educators*** *at* ***IPS ACADEMY, INSTITUTE OF BUSINESS MANAGEMENT AND RESEARCH, INDORE, (M.P.)*** *from* ***08/12/2025*** *to* ***13/12/2025.***

Pallabi Mukherjee
Associate Professor Level (AICTE Institute), Coordinator
IPS ACADEMY, INSTITUTE OF BUSINESS MANAGEMENT AND RESEARCH, INDORE, (M.P.)

Dr. Sunil Luthra
Director & Bureau Head
Training and Learning Bureau, AICTE

Feedback of Resource Person



Thillai Rajan A Wed, Dec 17, 10:14 PM (3 days ago)
to me, Director, RITU

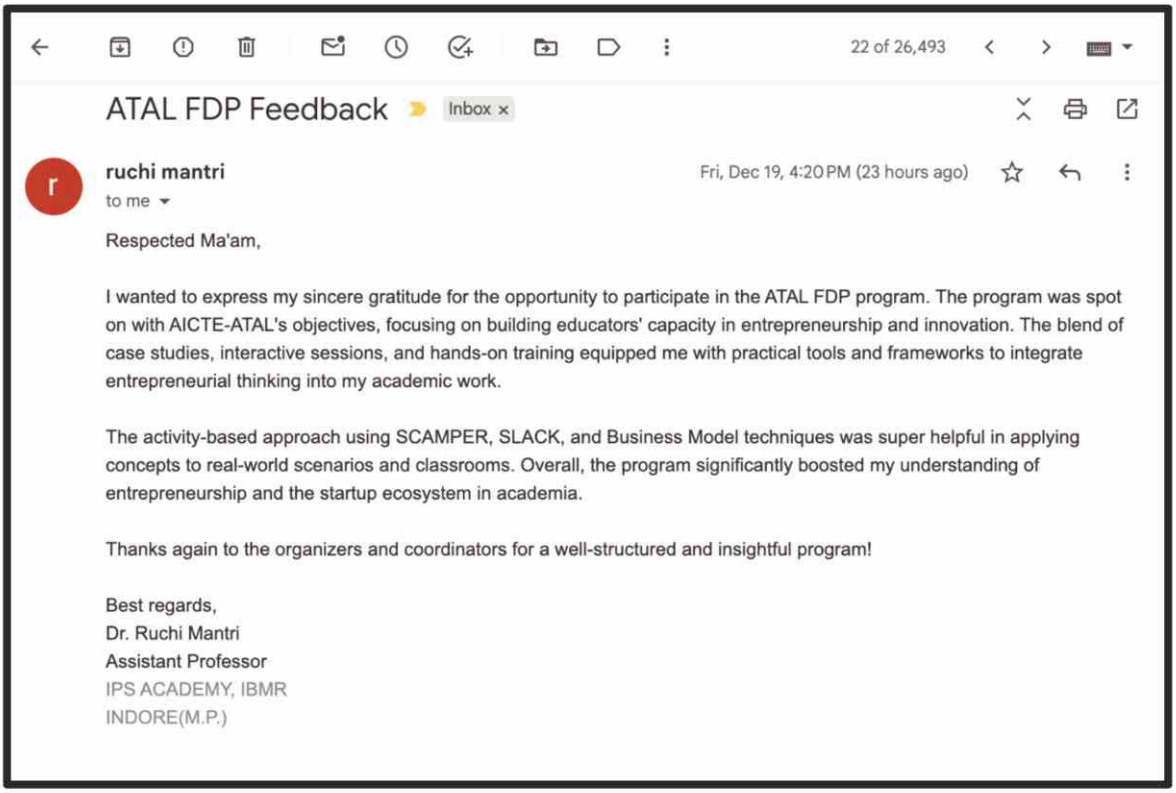
Dear Prof. Pallabi,

Thanks for your email and kind words. I enjoyed being a part of the program and thanks for giving the opportunity to be a part of it. I trust the program went well. I also acknowledge the receipt of honorarium transferred to my account.

Merry Christmas and New Year wishes in advance to your team and family

Warm personal regards
Thillai Rajan A.
Professor, IIT Madras, Chennai 600036
www.ynos.in | https://doms.iitm.ac.in/crest/
O: +91 44 2257 4569 | L: +91 44 2257 5559

Feedback of Participant



22 of 26,493

ATAL FDP Feedback Inbox ×

ruchi mantri Fri, Dec 19, 4:20 PM (23 hours ago)
to me

Respected Ma'am,

I wanted to express my sincere gratitude for the opportunity to participate in the ATAL FDP program. The program was spot on with AICTE-ATAL's objectives, focusing on building educators' capacity in entrepreneurship and innovation. The blend of case studies, interactive sessions, and hands-on training equipped me with practical tools and frameworks to integrate entrepreneurial thinking into my academic work.

The activity-based approach using SCAMPER, SLACK, and Business Model techniques was super helpful in applying concepts to real-world scenarios and classrooms. Overall, the program significantly boosted my understanding of entrepreneurship and the startup ecosystem in academia.

Thanks again to the organizers and coordinators for a well-structured and insightful program!

Best regards,
Dr. Ruchi Mantri
Assistant Professor
IPS ACADEMY, IBMR
INDORE(M.P.)

THANK YOU

IPS ACADEMY
INSTITUTE OF BUSINESS MANAGEMENT AND RESEARCH, INDORE, M.P., INDIA

KNOWLEDGE VILLAGE, RAJENDRA NAGAR, AB ROAD, INDORE (MP)
CALL: 0731-4014776, 9039635978, 9713779952
www.ibmr.ipsacademy.org

Programme Chair:
Dr. Vivek Singh Kushwaha
Director & Professor
IPS Academy, Institute of Business Management and Research, Indore, M.P.

Coordinator: Dr. Pallabi Mukherjee
Associate Professor, IPS Academy, Institute of Business Management and Research, Indore, M.P.
Contact No. +91-9039635978
pallabimukherjee@ipsacademy.org

Co-Coordinator: Dr. Ritu Mishra
Assistant Professor, IPS Academy, Institute of Business Management and Research, Indore, M.P.
Contact No. +91-9713779952
ritumishra@ipsacademy.org