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HINDUSTHAN EDUCATIONAL AND CHARITABLE TRUST

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CENTRE FOR FACULTY DEVELOPMENT (CFD)

HICET

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About CFD

Faculty development is a significant element of Institutional Knowledge base. The more the institution supports faculty development and calibre improvement, the more effect is reflected in the levels of the learning activities, conduct of research and there by fulfilling the goals of the Institution.

The aim of Centre for Faculty Development is to equip the individuals, belonging to different fields of work, with necessary skills to meet the ever-mounting challenges and inculcate in them the pride of belonging to the particular profession to which they belong. The prime objective of the CFD is to cater to the needs of the teachers and to enhance their knowledge / skills through systematic methodologies.

VISION

To inculcate among teachers the motivations to promote institutional effectives through the development of personal, instructional, organizational and professional growth of faculty.

MISSION

- To promote organizational strategies for faculty development so as to motivate teachers to grow professionally and enable the institution to grow.
- Faculty development is expected to result in improved teaching performance and better learning outcomes for students and teachers.
- Developing all round skills are a prominent aspect for faculty development.

HINDUSTHAN COLLEGE OF ENGG & TECH · CBE. 32

Re-Constitution of Team Members –*CFD*

(2024 – 2025)

Dr JAYA.J
Principal & Chair Person

Dr A R JayaSudha
Professor
Department of Computer Applications

Dr K Akil
Professor
Department of Civil Engineering

Mr KArun Raja
Assistant Professor
Department of Aeronautical Engineering

Mr. Dr Yoga raja J
Assistant Professor
Department of Automobile Engineering

Ms. K. Saraswathi
Assistant Professor
Department of Civil Engineering

Dr. SEKAR K
Assistant Professor
Department of Electrical and Electronics Engineering

Dr Ramya Jayakumar
Assistant Professor
Department of Electronics and Communication Engineering

Mr Ram Kumar Sakthivel
Assistant Professor
Department of Mechanical Engineering

HINDUSTHAN COLLEGE OF ENGG & TECH. CBE-32

ACADEMIC YEAR 2024– 2025

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CENTRE FOR FACULTY DEVELOPMENT

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Faculty Development Programme

Schedule of Events (2024 – 2025)

Date	Topic / Session	Resource Person	Participants
10,11,12,13 &17September 2024	Three Days New Faculty Orientation Programme	Principal,ceo & all Dept Hod's	Faculties of CSE&AIML
26.09.2024 to 28.09.2024	Entrepreneurship - IgniteX	Dr. R Sujatha Principal Educator & Head of Training - Wadhwani Entrepreneurship Network Mr Vishal Nair Entrepreneurship Educator - Wadhwani Entrepreneurship Network	Faculties of MBA
24.10.24-28.10.24	Industrial Applications of Graphical System Design using LabVIEW	Mr. R.Vinoth Kumar, LabVIEW Certified Trainer	Faculties of EIE
10.03.2025 to 15.03.225	Empowering advancements I AI for Education, Healthcare And Finance	Day 1: session :1 Dr. V. Viswanathan Professor – Higher Academic Grade School of Computer Science and Engineering Vellore Institute of Technology, Chennai Vandalur, Chennai, Tamil nadu, India Day 2: session :2 Dr. Divyakant Meva Associate Professor Faculty of Computer Applications, Marwadi University, Rajkot.	Faculties of MCA

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		Day 3: session :3 Dr. Dulari Bhatt Master Trainer, EDU NET Foundation, Mumbai.	
		Day 4: session :4 Dr. Monika Mangla Associate Professor, Department of Information Technology, Dwarkadas J Sanghvi College of Engineering, Mumbai.	
		Day 4: session :5 Dr. Afizan Azman Associate Professor Director Impact LabDigital Innovation & Smart Society, School of Computer Science, Taylor's University, Malaysia.	
		Day 5: session :6 Dr. Husna Sarirah Husin, Senior Lecturer, Taylor's University Malaysia.	
		Day 6: session :7 Mr. Ranga Bashyam. G AI/AIOPS Engineer, InfoBell IT Solutions Pvt. Ltd. Bangalore	

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NEW FACULTY ORIENTATION PROGRAMME

10, 11, 12, 13 & 17TH SEPTEMBER 2024

Dr. KARUNAKARAN K

CEO

Hindusthan Educational Institutions

Dr. JAYA J

Principal

HICET

Dr. MAGUDESWARAN P N

Dean - Academics

HICET

Venue: LIBRARY CONFERENCE HALL

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New Faculty Orientation Programme

SEP 2024 Venue: Library Board Room

	Session Details	
	Day 1 (10/9/24)	
FN (9:30am to 10:30am)	• Welcome Address • About the Institution	**Dr Jaya J** **Principal,** Hindusthan College of Engineering and Technology.
FN (10:30am to 11:00am)	Introduction of Hindusthan Educational Institutions and Trust	**Dr Karunakaran K** **CEO,** Hindusthan Educational Institutions.
FN (11:15am to 12:15pm)	• Curriculum Design and Development • Autonomous Rules	**Dr Magudeswaran P N** **Dean Academics,** Hindusthan College of Engineering and Technology.
	Day 2 (11/9/24)	
FN (9:30am to 10:30am)	Autonomous Examination Procedures and Policies	Dr Deepa Shri S COE, Hindusthan College of Engineering and Technology.
FN (10:30am to 11:00am)	• Blooms Taxonomy • Lesson Plan • Course Information Preparation	Dr Sabarinathan C Professor & Head, Department of Automobile Engineering, Hindusthan College of Engineering and Technology.
FN (11:15am to 12:15pm)	IIC and ARIIA Ranking	Dr Siva K, Dean – HS, Professor & Head, Department of Mechanical Engineering, Hindusthan College of Engineering and Technology.
	Day 3 (12/9/24)	
FN (9:30am to 10:30am)	Outcome Based Education Framework (NBA)	Dr Vijayalakshmi Professor & Head, Department of Electronics and Communication Engineering, Hindusthan College of Engineering and Technology.
FN (10:30am to 11:00am)	EDC activity, Clubs and Competition	Dr Kanimozhi V Assistant Professor, Department of MBA, Hindusthan College of Engineering and Technology.
FN (11:15am to 12:15pm)	IQAC and NAAC Procedures	Dr Anand B Professor & Head, Department of Electronics and Instrumentation Engineering, Hindusthan College of Engineering and Technology.
	Day 4 (13/9/24)	
FN (9:30am to 10:30am)	ISO awareness	Dr.Saravana Sundaram S Professor & Head, Department of Biomedical Engineering, Hindusthan College of Engineering and Technology.
FN (10:30am to 11:00am)	Socialize the Social Media	Dr Shankar S Professor & Head, Department of Computer Science and Engineering, Hindusthan College of Engineering and Technology. Mr.Deebanchakkarawarthi, AP/CSE.
FN (11:15am to 12:15pm)	ICT Tools and E-content Preparation	Dr.Jaya Sudha A R, Professor & Head, Department of MCA, Hindusthan College of Engineering and Technology.
	Day 5 (17/9/24)	
FN (9:30am to 10:30am)	• Journal Publications and Funded Projects • Incentive schemes in HICET	Dr.Mohanraj M Professor,Department of Mechanical Engineering, Hindusthan College of Engineering and Technology.
FN (10:30am to 11:00am)	Digital access in Library	Dr. Srikala S,Chief Librarian, Hindusthan College of Engineering and Technology.
FN (11:15am to 12:15pm)	E-Campus Entry	Mr.Muralidharan A, Software Developer, Hindusthan College of Engineering and Technology.
FN (12:15pm to 1:00pm)	NIRF Ranking	Dr Shankar S Professor & Head, Department of Computer Science and Engineering, Hindusthan College of Engineering and Technology.
AN (2:00pm to 4:00pm)	Faculty Insight Forum-Pedagogic Techniques for Teaching and Learning Process	Dr. Akil K, Professor & Head, Department of Civil Engineering, Hindusthan College of Engineering and Technology.

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Report for Faculty Development Program Organised

Nameofthe Faculty:Dr.S.Shankar,Mr.B.BharathiKannan.	
Department : CSE&AIML	Designation:Professor, Assistant Professor CSE
NameoftheEvent:***ThreeDaysNewFacultyOrientationProgramme***	
Level :CollegeLevel	
Venue/Mode : Offline	
No.ofDays : 5	Dates:10,11,12,13&17September 2024
Funded by :NA	
No.ofParticipants:29	Registrationcharges(ifany):NIL
Name and Designation of Resource Person(s):Sessiondetailsandresourcepersonshasbeenatt ached.	
Outcome: Faculties of various department has attended and gained the additional information of the institution and academic responsibilities.	
RemarksandFeedbackontheEvent: Feedback has been attached.	
PlanofImplementinginHICET (ifany) :NA	
Signatureof the Faculty / HOD/ Convener / Principal	

Signature of the CFD CORDINATOR

Dr. A.R.JAYASUDHA
Professor & Head
Department of Computer Applications
Hindusthan College of Engineering & Technology

Principal

PRINCIPAL
Hindusthan College Of Engineering & Technolog
COIMBATORE - 641 032

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HINDUSTHAN

COLLEGE OF ENGINEERING AND TECHNOLOGY

Entrepreneurship Development Cell and

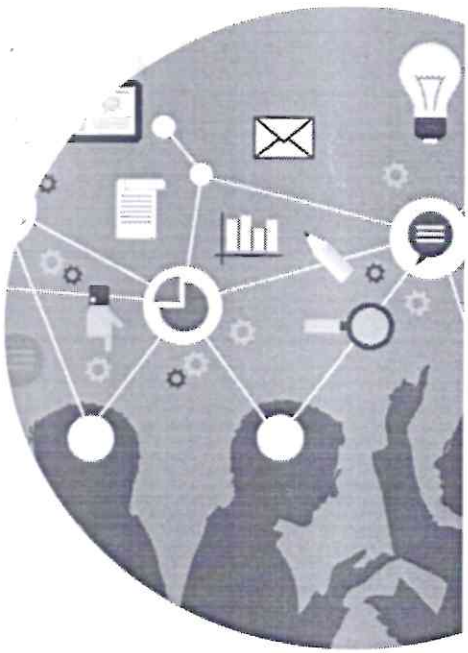
Department of Management Sciences

in association with

WADHWANI FOUNDATION

Organises

FACULTY DEVELOPMENT PROGRAMME



on Entrepreneurship - IGNITEX

26 Sep 2024 to 28 Sep 2024

9.30 a.m to 4.30 p.m

Venue : Marutham Hall, HiCET

For details contact:
Dr V Kanimozhi
EDC Coordinator
Associate Professor - MBA
98947 93391

Patrons : Dr J Jaya, Principal Dr K Karunakaran, CEO

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FDP on Entrepreneurship – IGNITEX

Agenda - Inauguration (26 Sep 2024)

09:30 a.m	Invocation
09:35 a.m	Welcome Address Dr V Kaarthiekheyan Professor & Head - MBA, HICET
09:40 a.m	Felicitation Address I Dr P N Magudeswaran Dean - Academics, HiCET
09:45 a.m	Felicitation Address II Dr J Jaya - Principal, HiCET
09:50 a.m	Felicitation Address III Dr K Karunakaran - CEO, HECT
09: 55 a.m	Special Address I Mr.Dayakar Murthy Director Strategic Partnership - WEN
10:00 a.m	Special Address II Dr R Sujatha Principal Educator & Head of Training - WEN

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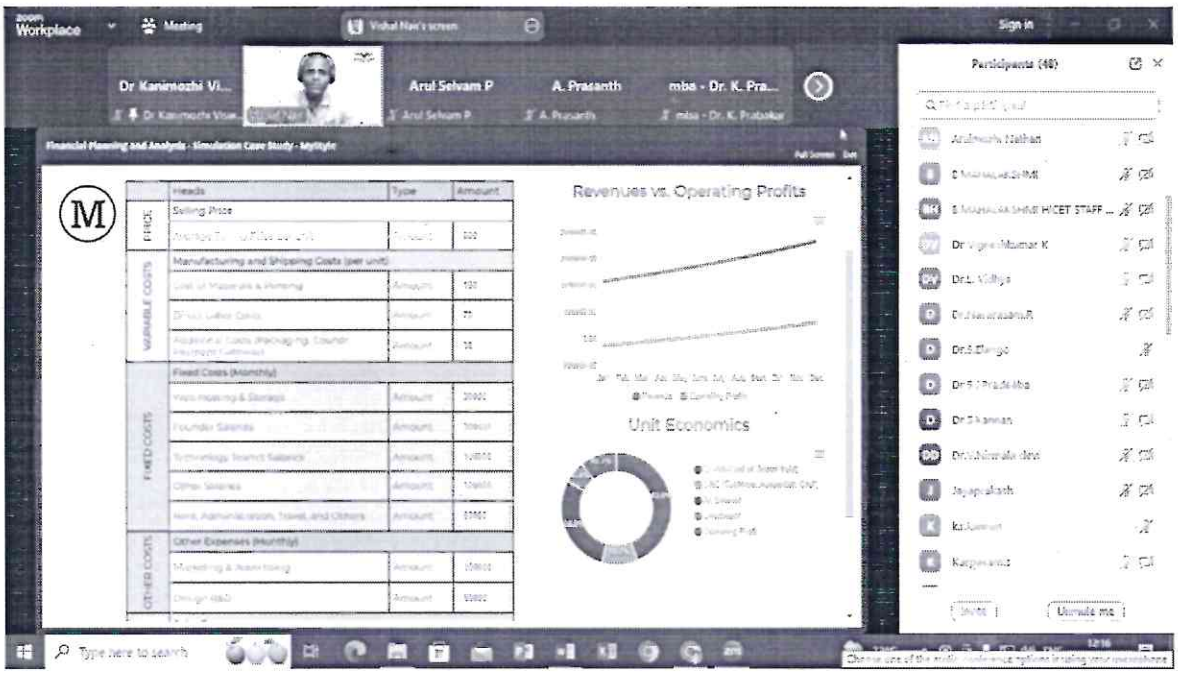

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Name of the Faculty : Dr V Kanimozhi	
Department : MBA & EDC	Designation : Associate Professor
Name of the Event : FDP on Entrepreneurship – IgniteX	
Level : Institution Level (For Hindusthan Group of Institutions)	
Mapping with UN SDGs (Tick the relevant) : No poverty **(SDG 1)**, Zero hunger **(SDG 2)**, Good **health and well-being (SDG 3)**, *Quality education (SDG 4)*, Gender equality **(SDG 5)**, Clean water and sanitation **(SDG 6)**, Affordable and clean energy **(SDG 7)**, Decent work and economic growth **(SDG 8)**, *Industry, innovation and infrastructure (SDG 9)*, Reduced inequalities **(SDG 10)**, Sustainable cities and communities **(SDG 11)**, Responsible consumption and production **(SDG 12)**, Climate action **(SDG 13)**, Life below water **(SDG 14)**, Life on land **(SDG 15)**, Peace, justice, and strong institutions **(SDG 16)**, and Partnerships for the goals **(SDG 17)**.	
Mode : Physical and Virtual (Zoom Platform) Venue : Hindusthan College of Engineering and Technology	
No. of Days : 3 days + 4 weeks of online engagement	Dates : 26.09.2024 to 28.09.2024 – Physical mode 4 weeks of online engagement for learning and faculty presentations
Funded by : Management	
No. of Participants : 56	Registration charges (if any) : Nil
Name and Designation of Resource Person(s) : 1. Dr. R Sujatha - Principal Educator & Head of Training - Wadhwani Entrepreneurship Network 2. Mr Vishal Nair - Entrepreneurship Educator - Wadhwani Entrepreneurship Network	
Outcome : The FDP enabled the faculty participants to gain better understanding on ways to develop entrepreneurial mindset. The faculty started with idea inception to creation of viable venture for better understanding. Demo ventures and assessments enabled faculty to gain hands-on experience. 16 faculty members were awarded with certificate of completion and 7 faculty members were awarded with provisional certificate of completion.	
Remarks and Feedback on the Event : The FDP was well organised and through faculty demo ventures and activities the FDP was very useful.	
Plan of Implementing in HiCET (if any) : Ignite X Entrepreneurship program will be offered to students.	
Signature of the CFD Coordinator Dr. A.R.JAYASUDHA Professor & Head Department of Computer Applications Hindusthan College of Engineering & Technology	Principal PRINCIPAL Hindusthan College Of Engineering & Technolog COIMBATORE - 641 032

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Valley Campus, Pollachi Highway, Coimbatore 641 032.

Department of Electronics and Instrumentation Engineering

Organizes

Five Days Faculty Development Programme on

" Industrial Applications of Graphical System Design using LabVIEW"

Resource Person

R.Vinothkumar

LabVIEW Certified Engineer

Dr.B.Anand	Dr.K.Karunakaran	Dr.J.Jaya
HOD / EIE	CEO	Principal

Date
24.10.2024 to 28.10.2024

Venue
Computer Lab
EIE Department

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CENTRE FOR FACULTY DEVELOPMENT

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DepartmentofElectronicsandInstrumentationEng ineering

Five days Faculty Development Programme on

Industrial Applications of Graphical System Design using LabVIEW

24.10.2024 to 28.10.2024

INTRODUCTIONTO VIRTUALINSTRUMENTATION (1 hr)

- VirtualInstrumentation-DefinitionandFlexibility
- BlockdiagramandArchitectureforVirtualInstrumentsversusTraditionalInstrumentsInstr umentation

LABVIEWPROGRAMMINGENVIRONMENT (10hrs)

- SettingupandusingaLabVIEWProjectto:
  - Add,delete,andmoveelements
  - Uselibrariesandappropriatetypes offolders
  - Avoidcross-linking
- DataTypes:
  - Recognizedatatypesonthefrontpanel
  - Recognizedatatypesontheblockdiagramfromterminalsandwires
  - Chooseappropriatecontrols,indicators,datatypes,&Functionsforagivenscenario
- Predictingorder-of-executionandbehaviorof
  - Anon-loopingVI
  - ASimpleStateMachine
  - AnEvent-drivenUIHandler
  - ParallelLoops(withoutqueues)
- Usingbasicfunctions tocreateasimpleAcquire-Analyze-Visualizeapplication
- Troubleshootingbyidentifyingandcorrectingthecauseofabrokenarroworincorrectdata
- Errorhandlingusing errorclusters and mergeerrorfunctions toensureerrors arehandledwell
- NavigatingLabVIEWhelptogetmoreinformationaboutinputs,outputs,andfunctions

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LABVIEWPROGRAMMINGFUNDAMENTALS (10hrs)

- Loops
  - Createcontinuous HWacquisitionorgenerationloop byapplyingaOpen-Configure-PerformOperation-Close model.
  - Retaindatainshift registers
  - Useinputandoutputterminalseffectively, including:
    - Determiningthelast valueoutput
    - Indexinginput andoutput terminals
    - Concatenatingoutput
    - Usingconditionaloutput
    - Usingshiftregisters,bothinitializedanduninitialized.
  - Usetimingofloopsappropriately, including:
    - Softwaretiming
    - Hardwaretiming
  - UseForLoops andWhileLoops appropriately
- Arrays
  - Viewdatafromann-channelHWacquisitionVI(usingtheDAQmxReadVI)usingawaveformgraph,waveformchart,ornumeric/waveformarrayindicator.
  - Extractasinglechannelofdata(waveformor1D Array)from
    - 1D waveformarrayrepresentingacquireddatafrommultiplechannels
    - 2Dnumericarrayrepresentingacquireddatafrommultiplechannels
    - 1Dnumericarrayrepresentingsinglemeasurementfrommultiplechannels
  - UseaForLoop withauto-indexingandconditionaltunnels to:
    - Iteratethroughanarray
    - Iterateprocessingcodeoneachchannelofdataina1D waveformarray
    - Generateanarrayofdatathatmeetsrequiredconditions
    - Identifybysightandbeabletouseandpredictthebehaviorofthedifferentarrayfunctions
- Writingconditionalcodetoperformanactionbased onthevalueofauserinputorameasurementresult.
- ReadingandWritingdatatoafile
  - UseOpen/Act/Closemodelforfile I/O
  - Writedatatoatextfileusing high-levelfileI/Ofunctions

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- ContinuouslystreamdatatoatextfileoraTDMSfile
- Appenddatatoanexisting datafile
- LogdatausingsimpleVis
- AcquiredatafromDAQmxfunctions
- Displaydataonagraph
- Savedatatoa CSVfile
- Choosesingle measurement/multiplechannelandsinglechannel/multiplemeasurementsconfigurationsappropriately

PROGRAMMINGBESTPRACTICES (9 hrs)

- SubVIs – ReusingCode
  - CreateSubVIs toincreasereadabilityandscalabilityofVIs
  - ConfigurethesubVIconnectorpaneusingbestpractices
  - Chooseappropriatecodeasa SubVI source
- Clusters – GroupingDataofMixedDataTypes
  - Create,manipulate, analyze, anduseclusterdataincommonscenarios
  - GrouprelateddatabycreatingaclustertoimprovedataorganizationandVIreadability
- TypeDefs–PropagateDataTypeChanges
  - CreateTypeDefsanduseTypeDefsinmultipleplaces
  - UpdateTypeDefstopropagatechangestoallinstancesoftheTypeDef

HARDWARE (10hrs)

- IntroductiontoDAQmx
  - NImyDAQ-DataAcquisitionandSignalConditioningbasics,analyzingthecharacteristicsofcircuitsandelectronic components
  - NImyRIO-DataAcquisitionbasics,MeasurementofDisplacement andtemperature,motorcontrol,motioncontrol.
  - NIMultisim- Electronicschematiccaptureandsimulationprogram
  - Relatedhardwaremodules

TOTAL(40hrs)

COURSEOUTCOME:

1. UnderstandthebasicsofVirtualInstruments.
2. InterprettheLabVIEWprogrammingenvironment.
3. Introducetheprogrammingfundamentals.
4. Inferthebestpracticesinprogrammingenvironment.
5. UnderstandandInterpret theLabVIEWprogrammingenvironmentwiththeDAQdevices

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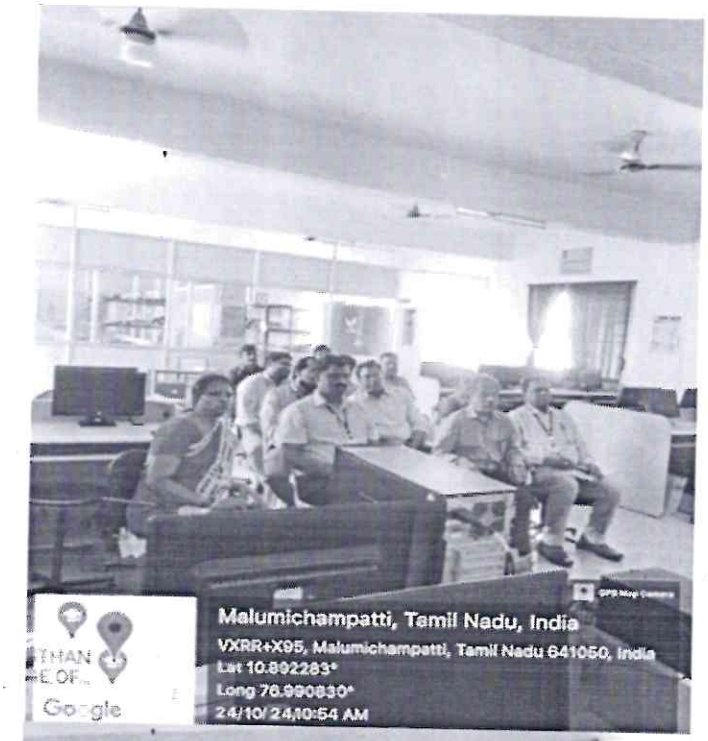

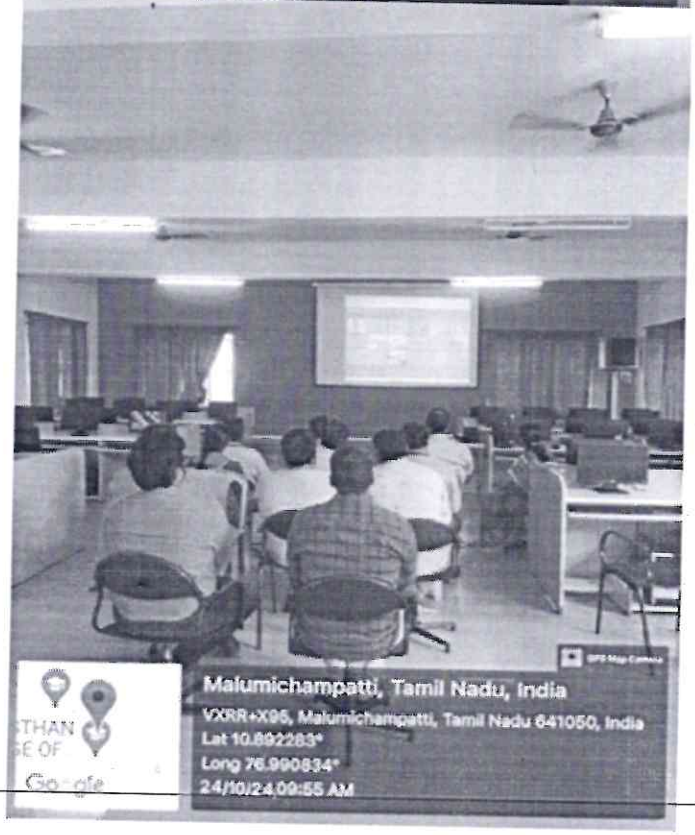

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Report for FDP- Industrial Applications of Graphical System Design using LabVIEW – Organized

Name of the Faculty : D.Vijayanandh & M.Sudagar	
Department : EIE	Designation : Assistant Professor
Name of the Event : Faculty Development Programme on " Industrial Applications of Graphical System Design using LabVIEW "	
Level : Institute Level	
Venue / Mode: Ganga Hall / Offline	
No. of Days : 05	Dates : 24.11.2024 to 28.11.2024
Funded by : Management	
No. of Participants : 16	Registration charges (if any) : Nil
Name and Designation of Resource Person(s) : 1. Mr. R.Vinoth Kumar, LabVIEW Certified Trainer	
Outcome:Around 16 participants were participated in the FDP. The resource persons is academician and handled the sessions interestingly with more interactions. Their colourful presentation with knowledgeable sessions made a very interesting note. All the participants had more takeaways out of the session which was evident from their feedbacks.	
Remarks and Feedback on the Event: **Excellent**	
Plan of Implementing in HiCET (if any) :	
Signature of the Faculty HoD Principal PRINCIPAL Hindusthan College Of Engineering & Technology COIMBATORE - 641 032	

Signature of the CFD CORDINATOR
Dr. A.R.JAYASUDHA
Professor & Head
Department of Computer Applications

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Principal
Hindusthan College Of Engineering & Technology
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Hindusthan College of Engineering and Technology
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Department of Computer Applications (MCA)
(NBA Accredited Under Tier I Category)

organizes

SIX DAYS INTERNATIONAL FACULTY DEVELOPMENT PROGRAM ON

"EMPOWERING ADVANCEMENT IN AI FOR EDUCATION, HEALTHCARE AND FINANCE"

Resource Persons & Session Topics

Dr Viswanathan V
Professor, School of Computer Science and Engineering,
Vellore Institute of Technology (VIT) Chennai.
Session-1
The Role of Explainable AI (XAI)
10.03.2025 (Monday)

Dr Afizan Azman
Associate Professor, School of Computer Science, Taylor's University, Malaysia.
Session-5
AI IN INTERDISCIPLINARY RESEARCH
13.03.2025 (Thursday)

Dr Divyakant Meva
Associate Professor,
Faculty of Computer Applications
Marwadi University, Rajkot.
Session-2
AI IN HEALTHCARE
11.03.2025 (Tuesday)

Dr Husna Sarirah Husin
Senior Lecturer,
Taylor's University,
Malaysia.
Session-6
AI AND IMAGE PROCESSING IN AGRI
14.03.2025 (Friday)

Dr Dulari Bhatt
Master Trainer,
EDU NXT Foundation,
Mumbai.
Session-3
AI IN EDUCATION
12.03.2025 (Wednesday)

Mr Ranga Bashyam G
AI/AIOPS Engineer,
InfoBell IT Solutions Pvt.Ltd
Bangalore.
Session-7
The Role of AI IN SHAPING THE FUTURE
15.03.2025 (Saturday)

10.03.2025 to 15.03.2025 | Morning 10.00 AM to 12.00 PM

mca@hicet.ac.in

Dr K Vigneshkumar 99409 02343 | Prof.S.PradeepKumar 96984 70554 | Prof.K.Vinotha 97513 31110

(For Registration)
https://forms.gle/WDf8nwTKUH21w9Zt8

(Join the Session)
Google Meet link:

Dr Monika Mangala
Associate Professor,
Department Information Technology,
Dwarkadas J Sanghvi College of Engineering,
Mumbai.
Session-4
AI IN FINANCE
13.03.2025 (Thursday)

Valley Campus Pollachi Highway
Coimbatore - 641 032

+91 80983 33333
+91 90470 10006

info@hindusthan.net
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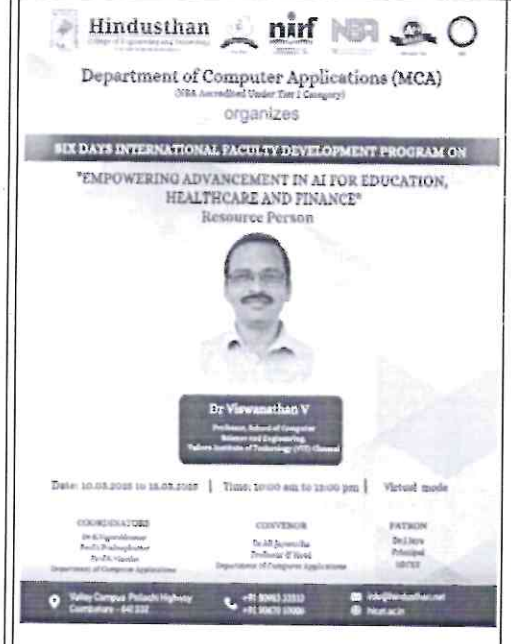
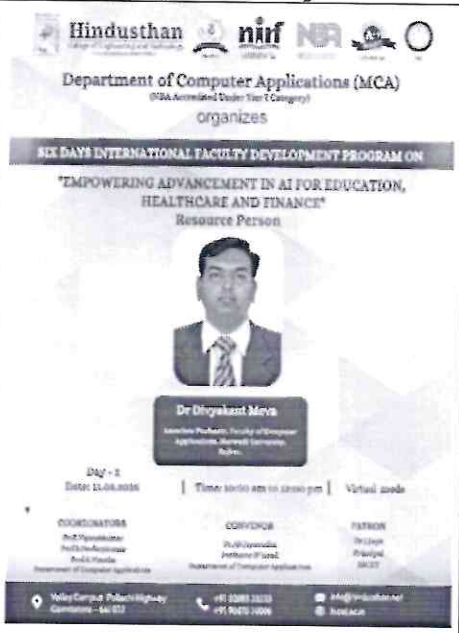
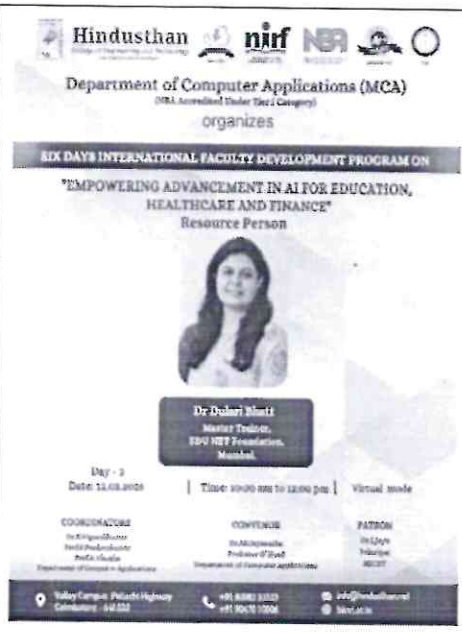
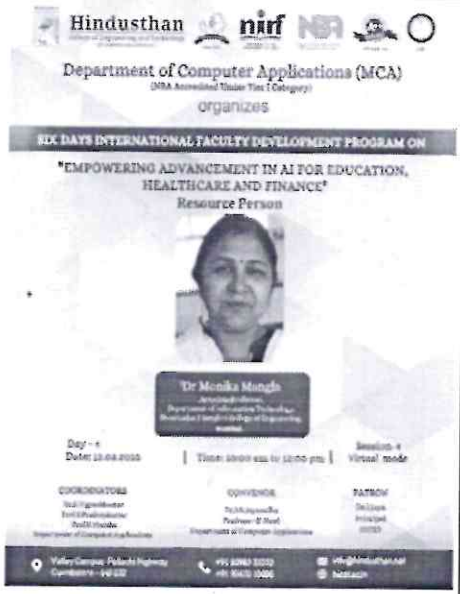
CENTRE FOR FACULTY DEVELOPMENT

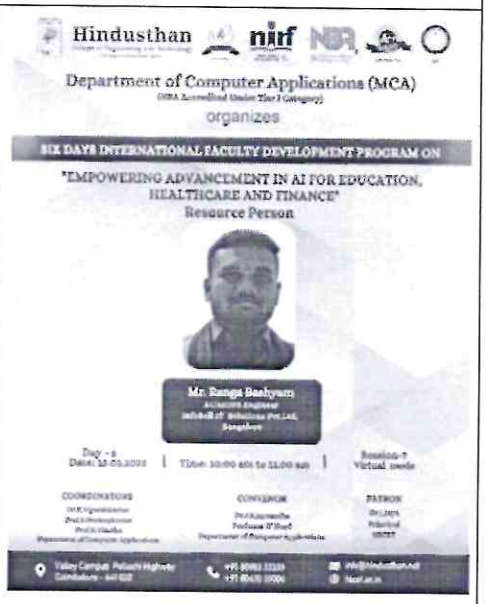
(CFD)











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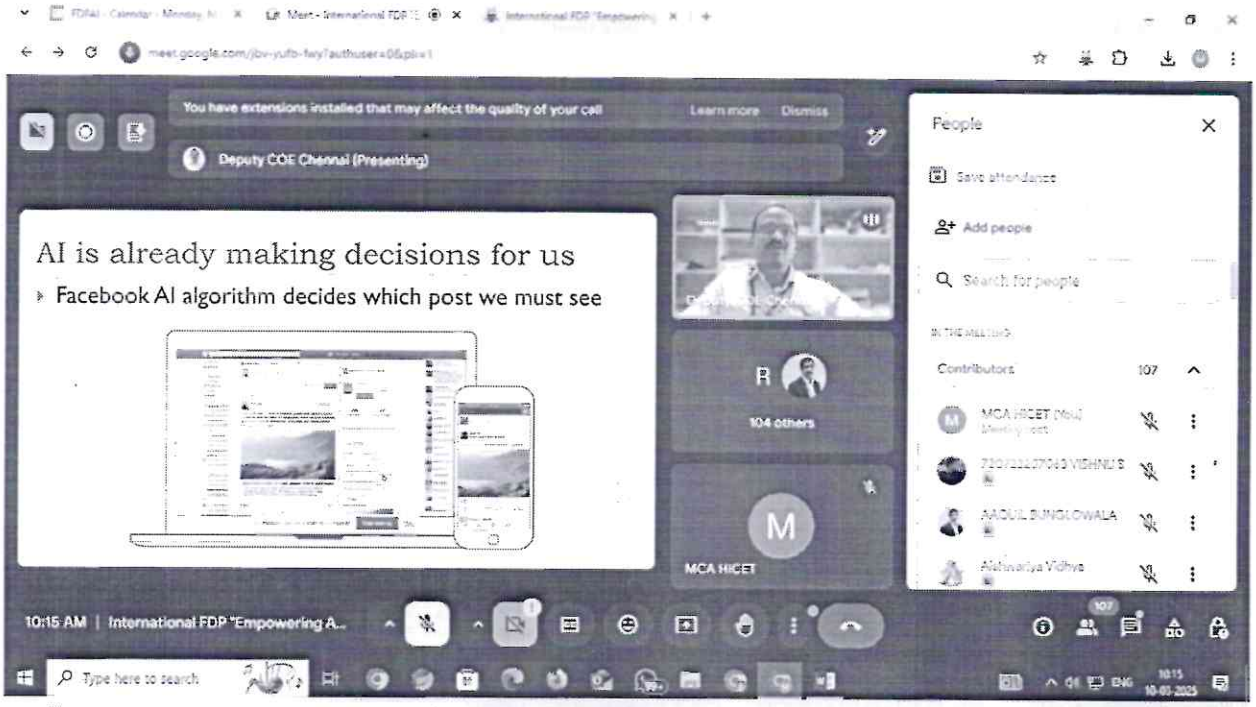
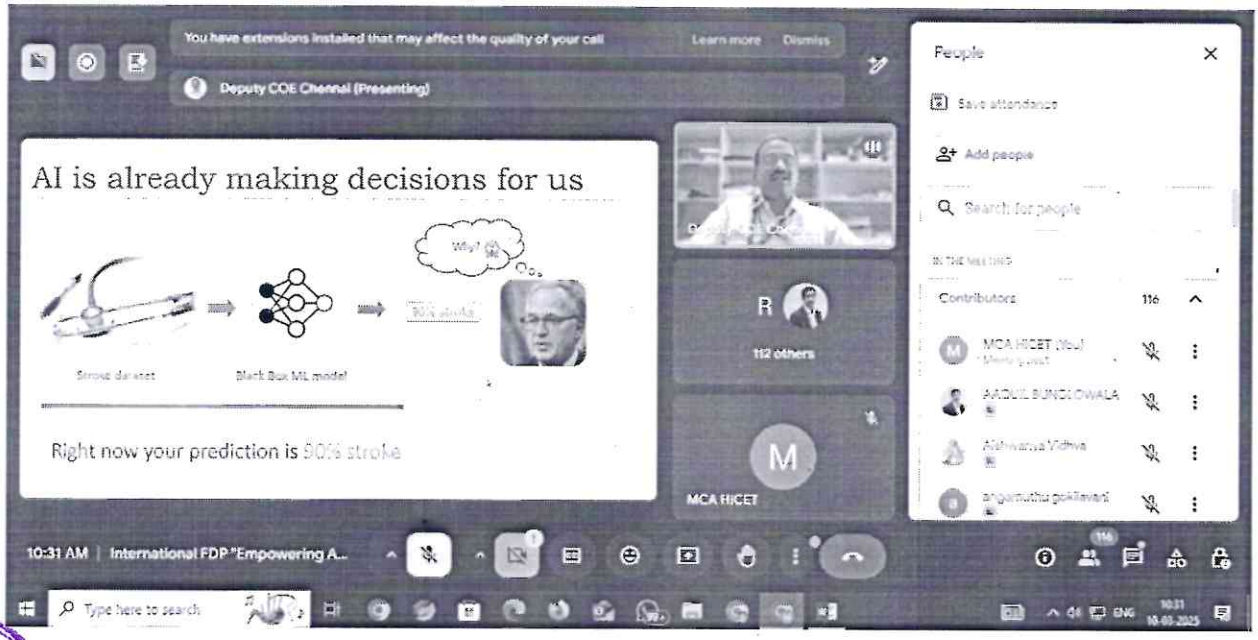
(*CFD*)

DAY 1:





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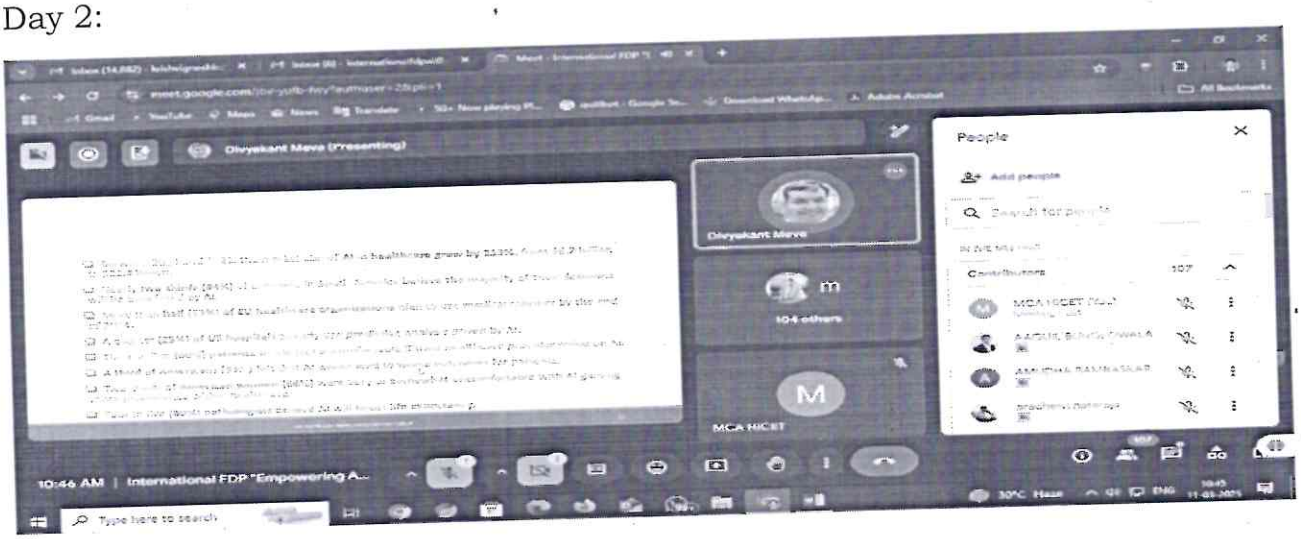
(CFD)

Day 2:



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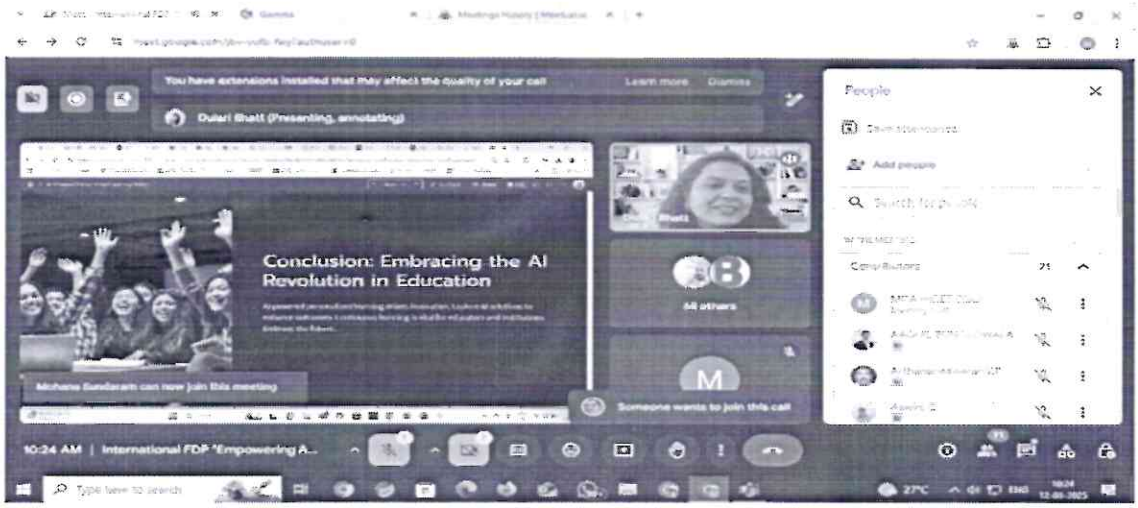
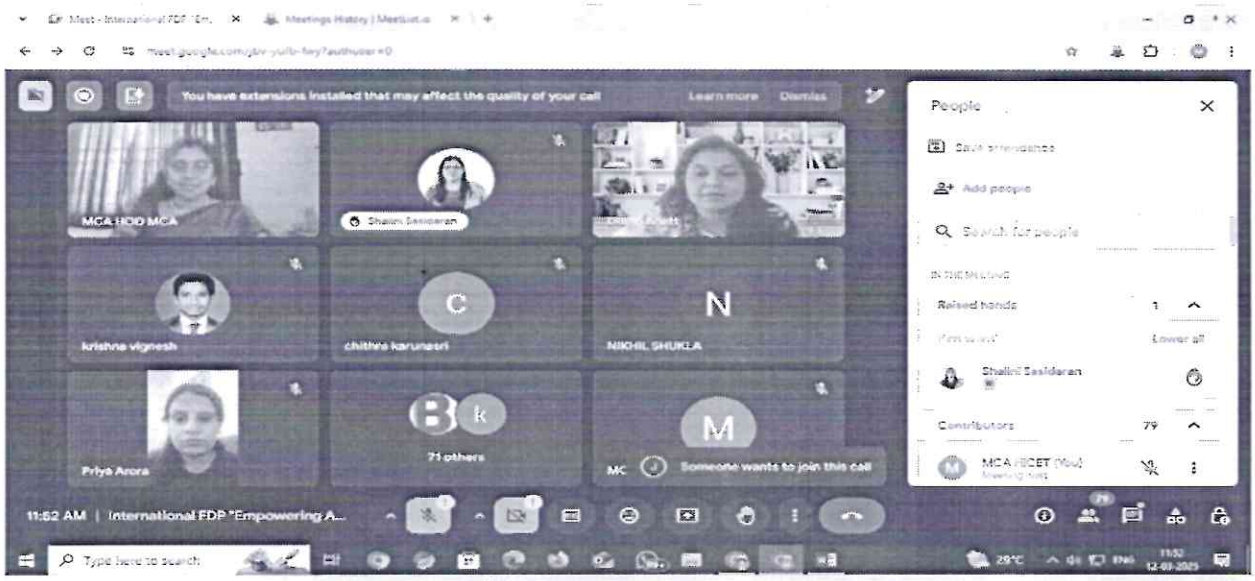
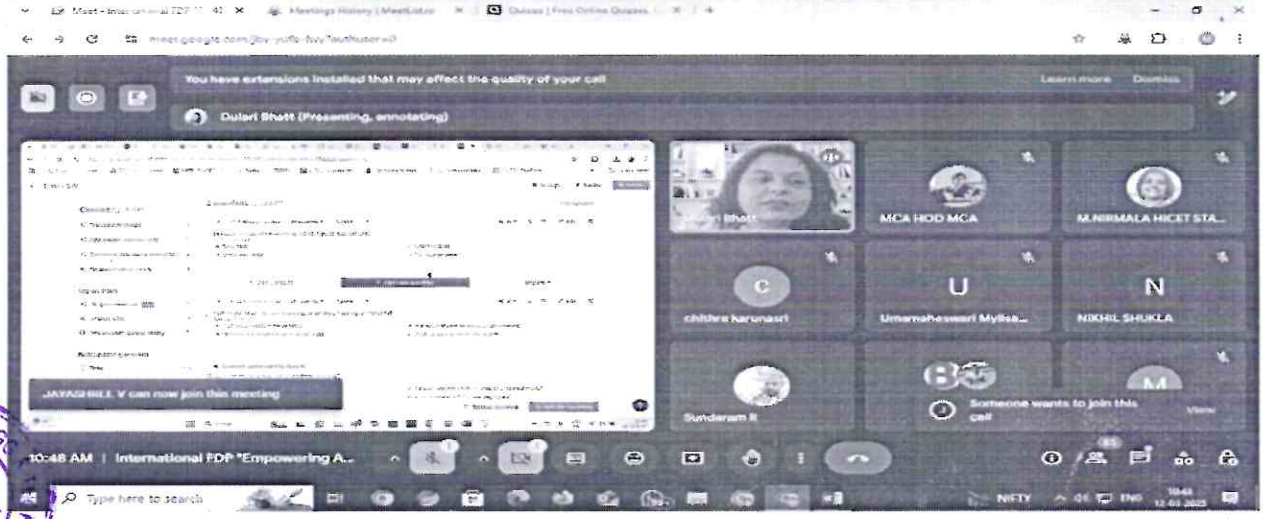
(*CFD*)

Day 3:







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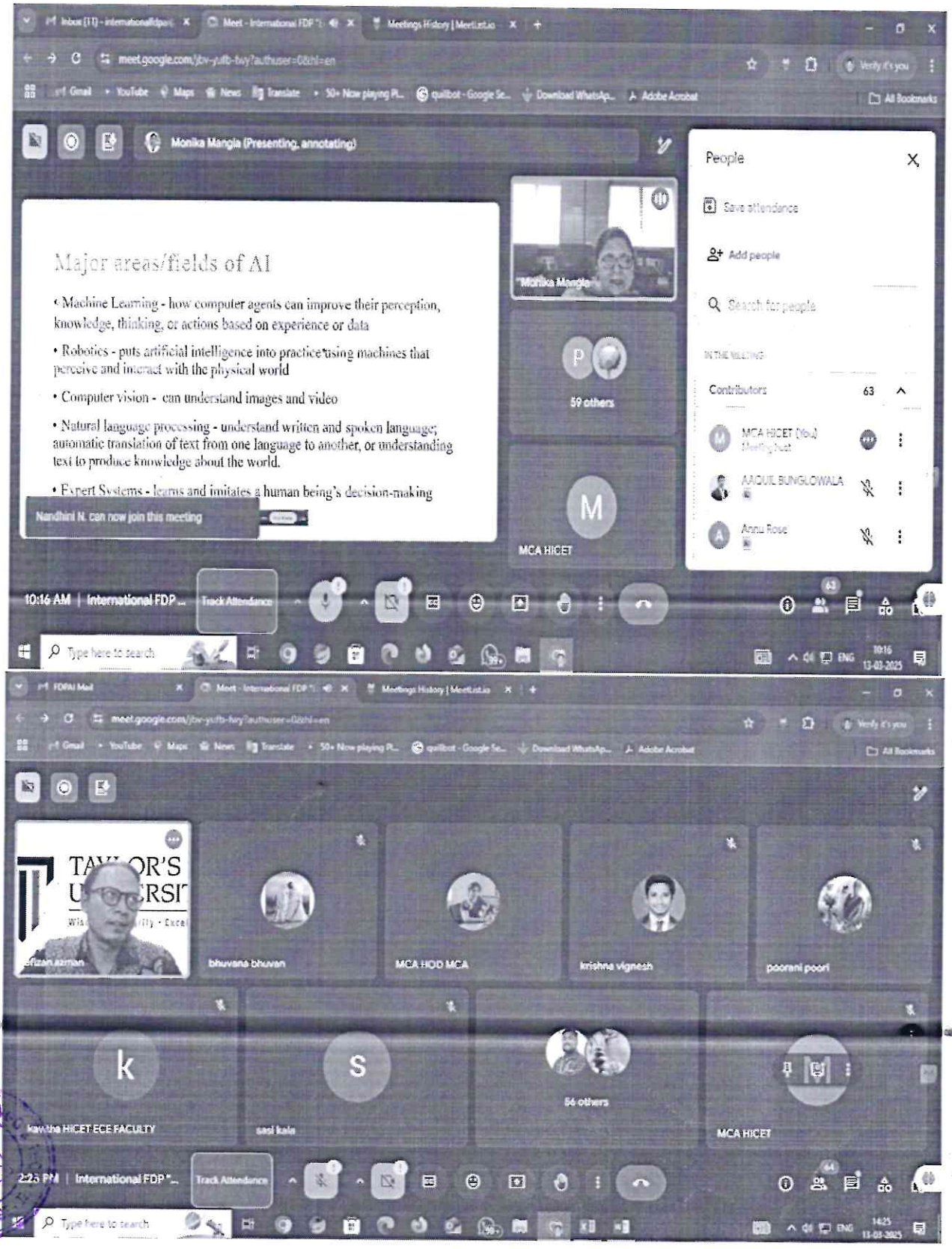
Day 4:



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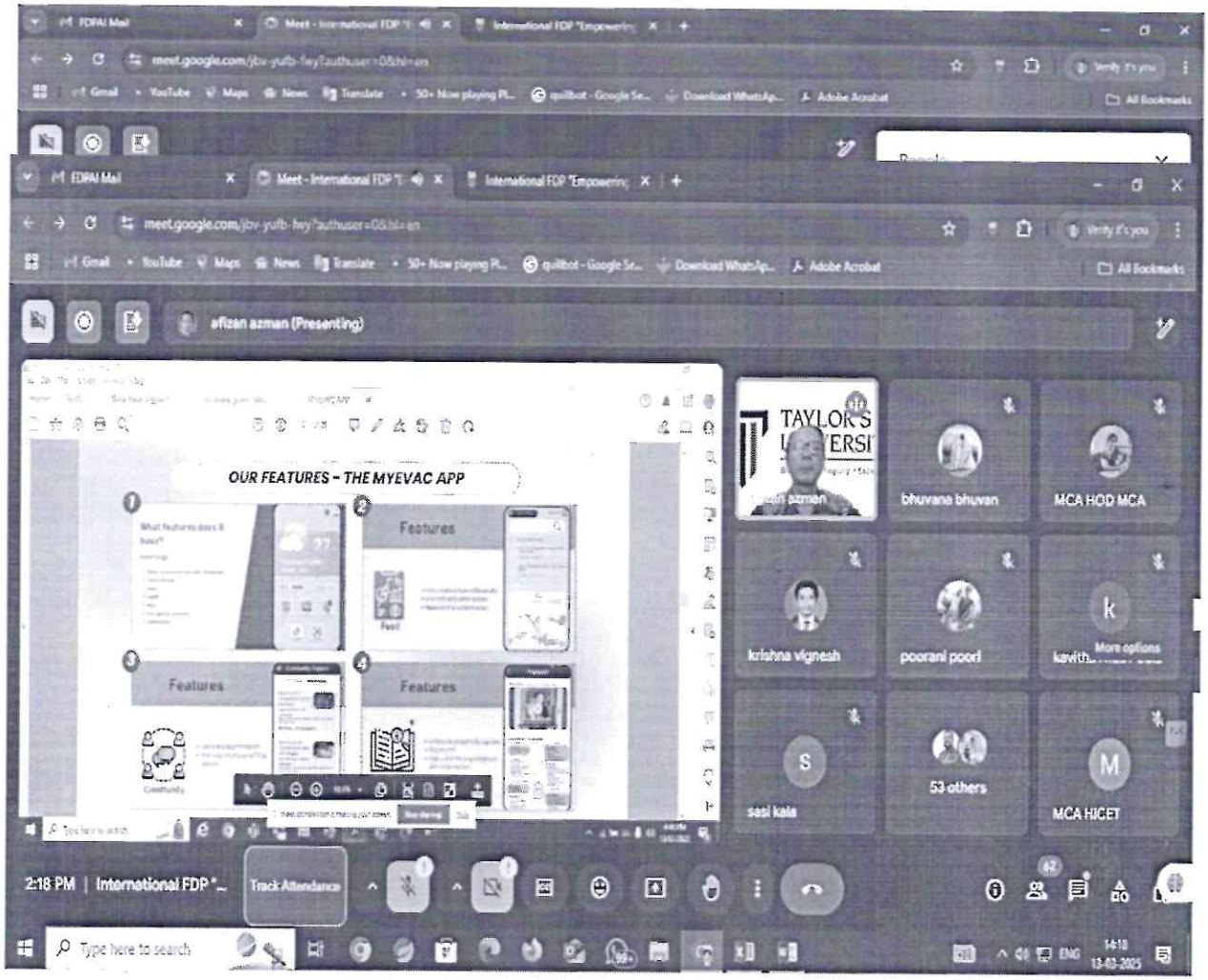

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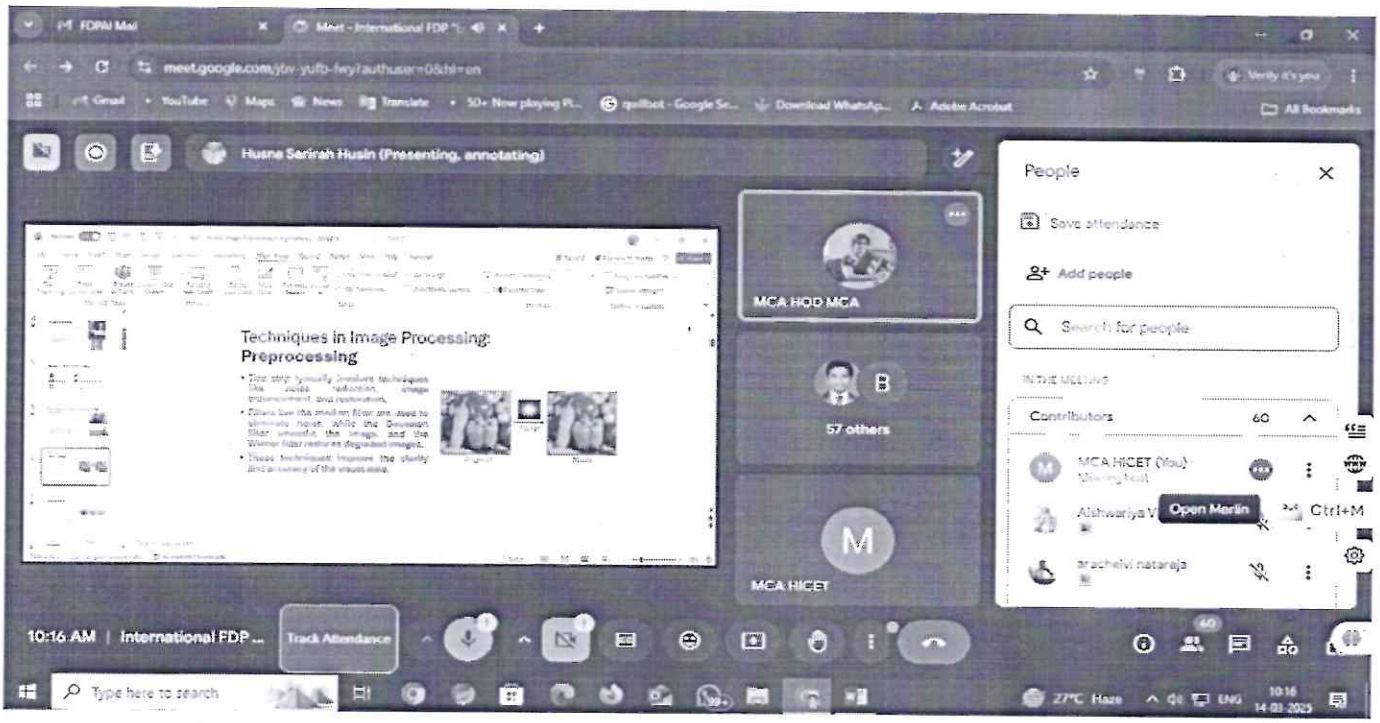
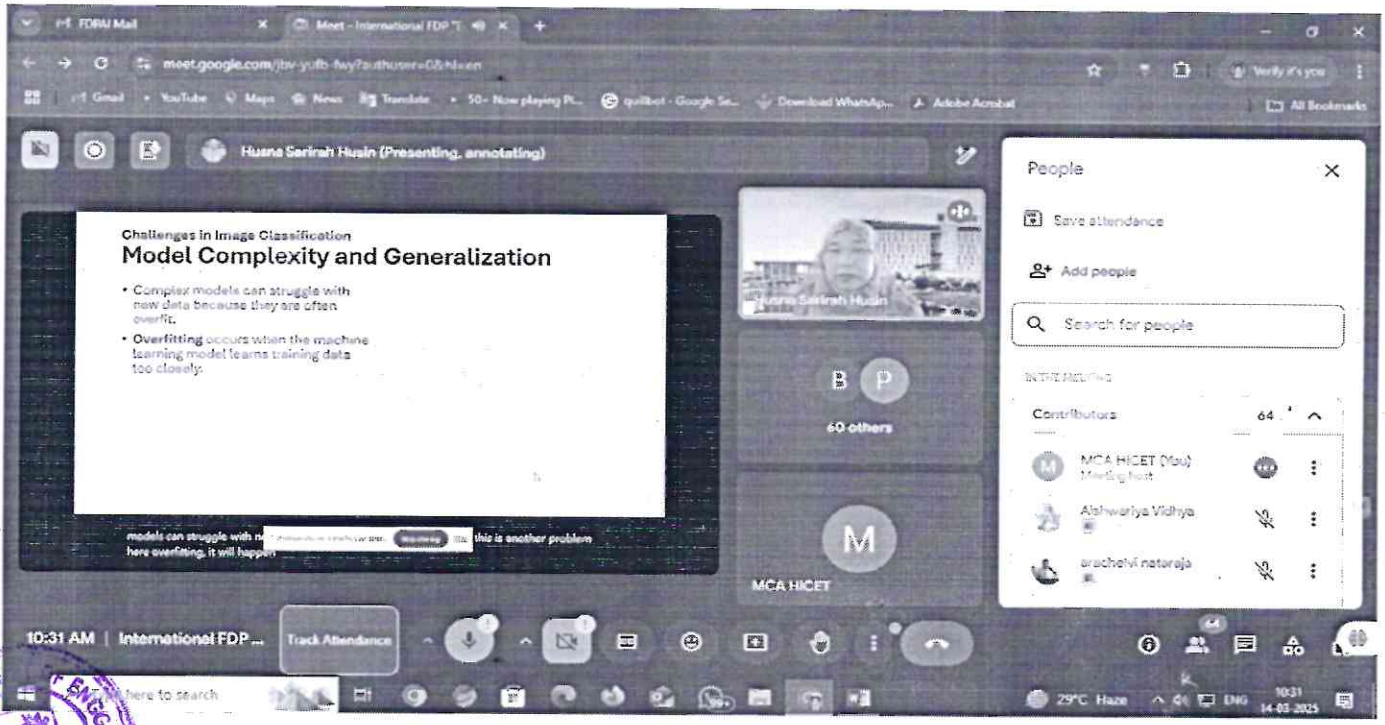
Day 5:





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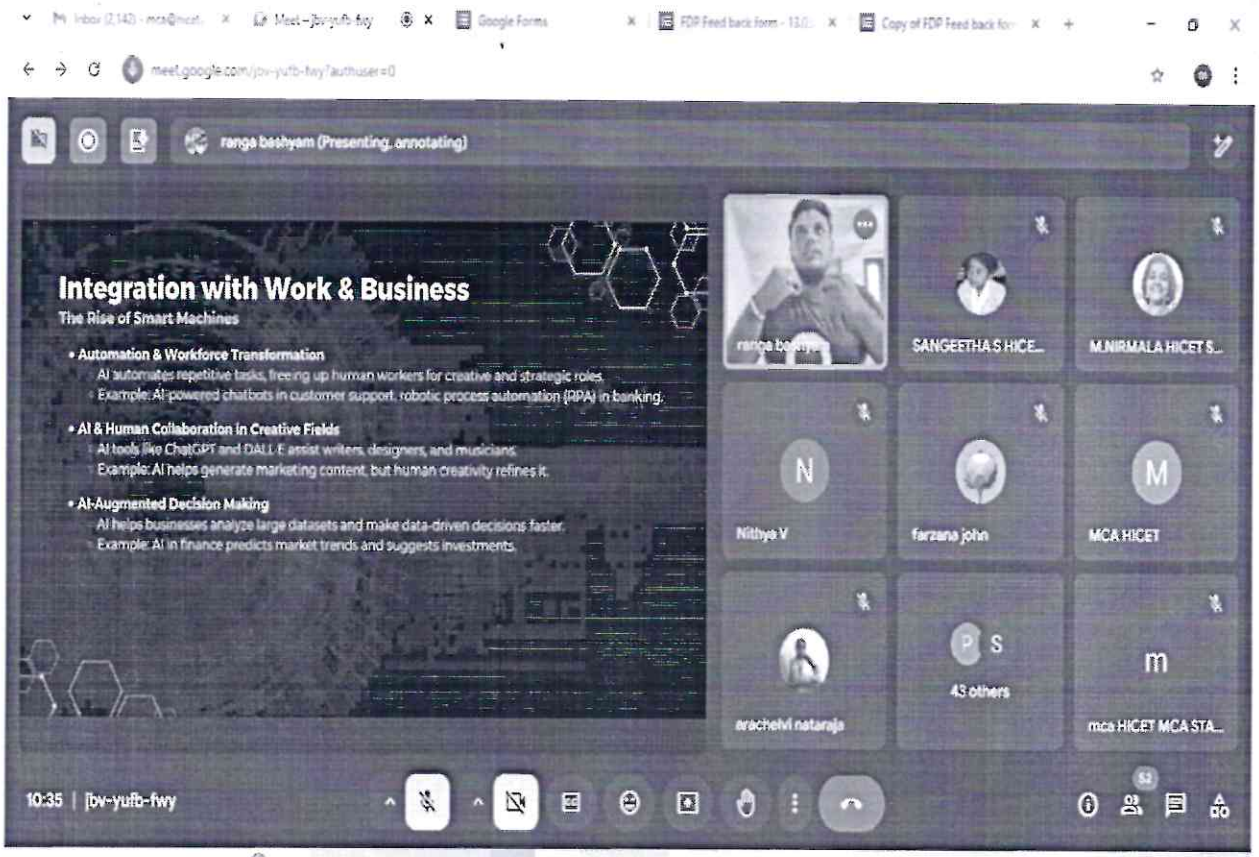
Day 6:



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CENTRE FOR FACULTY DEVELOPMENT

(*CFD*)

Report forEMPOWERING ADVANCEMENTS IN AI FOR EDUCATION, HEALTHCARE AND FINANCE

Name of the Faculty : Dr.K.Vigneshkumars, Prof. S.Pradeepkumar and prof. K. Vinotha	
Department : MCA	Designation Assistant Professor(s)
Nature of the Event: Awareness Programme on **FDP**	
Category: College Level **International**	
Title :**"EMPOWERING ADVANCEMENTS IN AI FOR EDUCATION, HEALTHCARE AND FINANCE"**	
Venue : Hindusthan College of Engineering & Technology – Virtual Mode Meet Link : https://meet.google.com/jbv-yufb-fwy Feedback Link : https://docs.google.com/forms/u/1/d/e/1FAIpQLScwPWRsqimaIkiFbgffkjdghfLlvxQUMXSvQv8JQ8CqUsiLrw/formResponse?pli=1	
No. of Days : 6 Days 7 Sessions	Dates : 10.03.2025 to 15.03.225
Funded by : NIL	
No. of Participants : 250+	Registration charges (if any) : NIL

Name and Designation of Resource Person(s) :

Day 1: session :1

Dr. V. Viswanathan
Professor – Higher Academic Grade
School of Computer Science and Engineering
Vellore Institute of Technology, Chennai
Vandalur, Chennai, Tamil nadu, India

Day 2: session :2

Dr. Divyakant Meva
Associate Professor
Faculty of Computer Applications,
Marwadi University, Rajkot.

Day 3: session :3

Dr. Dulari Bhatt
Master Trainer,
EDU NET Foundation, Mumbai.

Day 4: session :4

Dr. Monika Mangla
Associate Professor,
Department of Information Technology,
Dwarkadas J Sanghvi College of Engineering, Mumbai.

Day 4: session :5

HINDUSTHAN COLLEGE OF ENGG & TECH

Dr. Afizan Azman
Associate Professor
Director Impact LabDigital Innovation & Smart Soicety,
School of Computer Science, Taylor's University, Malaysia.
Day 5: session :6
Dr. Husna Sarirah Husin,
Senior Lecturer, Taylor's University Malaysia.
Day 6: session :7
Mr. Ranga Bashyam. G
AI/AIOPS Engineer,
InfoBell IT Solutions Pvt. Ltd. Bangalore.

Outcomes of the Event :

The six-day international faculty development program (FDP) successfully provided an in-depth understanding of AI advancements in education, healthcare, and finance.

Knowledge & Skill Development: Participants gained expertise in machine learning, deep learning, and AI applications. Hands-on sessions helped implement AI models, bridging the gap between theory and practice.

AI in Education: Faculty explored AI-driven personalized learning, adaptive education, automated assessments, and ethical AI practices to enhance student engagement and learning outcomes.

AI in Healthcare: Experts discussed AI in diagnostics, predictive analytics, robotic surgery, and remote monitoring. Ethical concerns and data privacy in AI-based healthcare solutions were key focus areas.

AI in Finance: The FDP highlighted AI applications in fraud detection, risk management, algorithmic trading, and AI-powered financial advisory services while addressing regulatory and ethical challenges.

Collaborative Research & Networking: The event fostered interdisciplinary collaborations, paving the way for joint research, funding opportunities, and AI-driven projects. Faculty members engaged with global experts, enhancing academic and industry linkages.

Ethical AI & Policy Discussions: Participants explored AI ethics, bias mitigation, and responsible AI integration within regulatory frameworks, encouraging AI literacy and ethical implementation.

Future Roadmap: The FDP emphasized AI adoption strategies in institutions, curriculum development, and solutions for large-scale AI deployment.

The program empowered faculty to drive AI innovations in their fields, strengthening education, healthcare, and finance for a smarter, AI-enabled future.

Remarks and Feedback on the Event:

Remarks:

The six-day international FDP on *Empowering Advancements in AI for Education, Healthcare, and Finance* was a highly enriching and insightful event. It successfully brought together distinguished AI experts, academicians, and industry professionals to explore AI-driven advancements in these critical sectors. The interactive sessions, hands-on workshops, and panel discussions provided participants with valuable knowledge and practical skills, enabling them to integrate AI technologies into their respective fields. The event fostered meaningful discussions on AI ethics, policy considerations, and research collabortions, ensuring a holistic understanding of AI's impact.

Feedback from Participants:

1. **Highly Informative Sessions:** Participants appreciated the comprehensive coverage of AI concepts,

real-world applications, and hands-on training. The practical demonstrations enhanced their understanding.

2. **Engaging and Interactive:** The event was well-structured, with interactive discussions, Q&A sessions, and expert panel engagements, making learning more dynamic and engaging.
3. **Expert Speakers and Industry Insights:** The FDP featured leading AI professionals, offering cutting-edge insights and case studies that connected academic knowledge with industry trends.
4. **Well-Organized and Structured:** Faculty members praised the seamless organization, timely session execution, and the clarity of presentations.
5. **Scope for Future Collaboration:** Many attendees expressed interest in future collaborations, research projects, and AI-driven initiatives, indicating the program's success in fostering an AI research network.

Overall, the FDP was a resounding success, equipping faculty with the necessary AI knowledge and skills to drive innovation in education, healthcare, and finance.

Plan of Implementing in HiCET (if any) : NIL

Signature of the CFD CORDINATOR

Dr. A.R.JAYASUDHA
Professor & Head
Department of Computer Applications
Hindusthan College of Engineering & Technology

Principal

PRINCIPAL
Hindusthan College Of Engineering & Technolog
COIMBATORE - 641 032

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