

REPORT ON INTERNATIONAL CONFERENCE

INNOVATIVE METHODS TO SUSTAINABLE SUCCESS:
GLOBAL TRENDS IN COMPUTER SCIENCE

Date of Event: 19 /02/2025

Faculty in-Charge: Mr. Deny. P. Francis



Pongam, Koratty East, Thrissur District, Kerala State, India. Pin-680308.

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REPORT

The Department of Computer Science at Naipunnya Institute of Management and Information Technology, conducted an International Conference on “Sustainability, Innovation and social responsibility” on 19th February 2025 in hybrid mode. The inauguration of the conference was done at the MBA Lab at 9.30 a.m. The sub-theme adopted was “Innovative Methods to Sustainable Global Trends in Computer Science” with the objective of bringing industry leaders and visionaries together to talk about cutting-edge developments like Artificial Intelligence, Machine Learning etc. to emphasize the most recent technical developments and how they have affected different businesses and showcase case studies and success stories that show how technology can change an industry in perspective of Sustainable development.

Dr. Deepak P., Associative Professor of Computer Science at Queen’s University Belfast (UK), inaugurated the conference at MBA LAB at 9:30 a.m. Mr. Jayakrishnan S, HOD, Department of Computer Science, NIMIT welcomed the participants and Ms. Sarithadevi, Assistant Professor, Department of Computer Science, NIMIT briefed the profile of the resource person. The resource person, Dr. Deepak P, delivered a lecture on “AI, ML and sustainable development” in online mode. He discussed the evolution of technology with a presentation. The participants joined the conference in both online and offline mode. Academicians, students and research scholars from various universities in India and abroad participated in the conference in hybrid mode. There were seventeen online presentations and fourteen offline presentations. The online presentations were chaired by Ms. Sarithadevi S., Mr. Freddy Varghese, Ms. Anna Diana and Mr. Harrish Sabu, Faculty, Department of Computer Science, NIMIT. The Offline presentations were chaired by Mr. Jayakrishnan S. and Dr. Soni P. M., faculty, Department of Computer Science, NIMIT. The valedictory function started at 3.50 p.m. Ms. Emily Ittiyachan, Director of Examination Cell presided over the meeting. Ms. Teresa Parackal, Vice Principal distributed the certificates to the participants. Mr. Deny P. Francis proposed the vote of thanks. The meeting ended by 4.10 p.m.

Prepared by:

Mr. Deny P. F.

Faculty Coordinator

Verified by:

Mr. Jayakrishnan S.

HoD, PG Dept of Computer Science

Approved by:

Rev. Fr. Dr. Paulachan K. J.

Principal

ONLINE PRESENTATIONS

Team no	Name	Role	College Name	
1	Ann sara saji	Student	Mar baselios institute of science and technology	
	Jeeva Sajeevan	Student		
	Deva Nanda R	Student		
	Ann sara saji	Student		
	Bismin Chacko	Academician		
2	VARSHA GANESH	Research Scholar	SRM Institute of Science and Technology	
	Dr.Umarani			
3	Alvin Kuriakose	Student	Mar Baselios Institute of technology and Science	
	Paul K. Marhew	Student		
	Hagen Joby	Student		
	Dr.Suji Pramila R	Academician		
	Sam Rijju	Student		
4	Minnu Elizabeth Ittan	Academician	Mar Baselios Institute Of Technology And Science,Nellimattom	
	Sheena S Saiju	Academician		
	Gokul G Nair	Student		
	Solaman Aji	Student		
	Susan Paul	Student		
5	Abhinand M Ajayan	Student	Mar Baselios Institute Of Technology And Science(MBITS),Nellimattom	
	Austin Basil Shibu	Student		
	Shahas thaha	Student		
	Elby K Eldhose	Academician		
	Basil S Varghese	Student		
6	MINTU THOMAS	Academician	MAR BASLIOUS INSTITUTE OF TECHNOLOGY AND SCIENCE[MBITS]	
	Basil V Eldho	Student		
	Alan Binoy	Student		
	Sabin Thomas	Student		
	Bini Eldhose	Student		
7	Jayalakshmi M P	Student	St Teresa's College (Autonomous) Ernakulam	
	Adwaitha	Student		

8	Ajeena Binny	Student	St. Teresa's College (Autonomous), Ernakulam
9	Pooja Santhosh	Student	St Teresa's College
10	Nandana S	Student	St Teresa's College Autonomous Ernakulam
	Fathima Abdul Kareem	Student	
11	Akhila Dhaniya	Student	St. Teresa's College (Autonomous), Ernakulam
	Janeetta Agnes	Student	
12	Serah Mary Geo	Student	St Teresa's College, Ernakulam
13	Vandana Kaimaparambil Sreekumar	Student	St. Teresa's College Ernakulam
	Shivnanda Rajeev	Student	
14	Dinbin Sunny	Academician	MBITS, Kothamangalam
	Arya T S	Student	
	Fathimathul Farsana	Student	
	Niviyamol Eldhose	Student	
	Fathima Rumaiza p.s	Student	

OFFLINE PRESENTATIONS

sno	Name	Role	College
1	Dhanya G.S	Academician	Nimit,Pongam
2	Freddy Varghese	Academician	Nimit,Pongam
3	Harrish sabu	Academician	Nimit,Pongam
4	Anna Diana	Academician	Nimit,Pongam
5	Shajitha tB	Academician	Nimit,Pongam
6	Livin P Wilson	Academician	Nimit,Pongam
7	Jayakrishnan s	Academician	Nimit,Pongam
8	Anusha .Sivavnandan	Academician	Nimit,Pongam
9	Neenu Thomas	Academician	Nimit,Pongam
10	Ancy Antony	Academician	DiST,Angamaly
11	Ayush Pradeep	student	DiST,Angamaly
12	Deny P F	Academician	Nimit ,Pongam

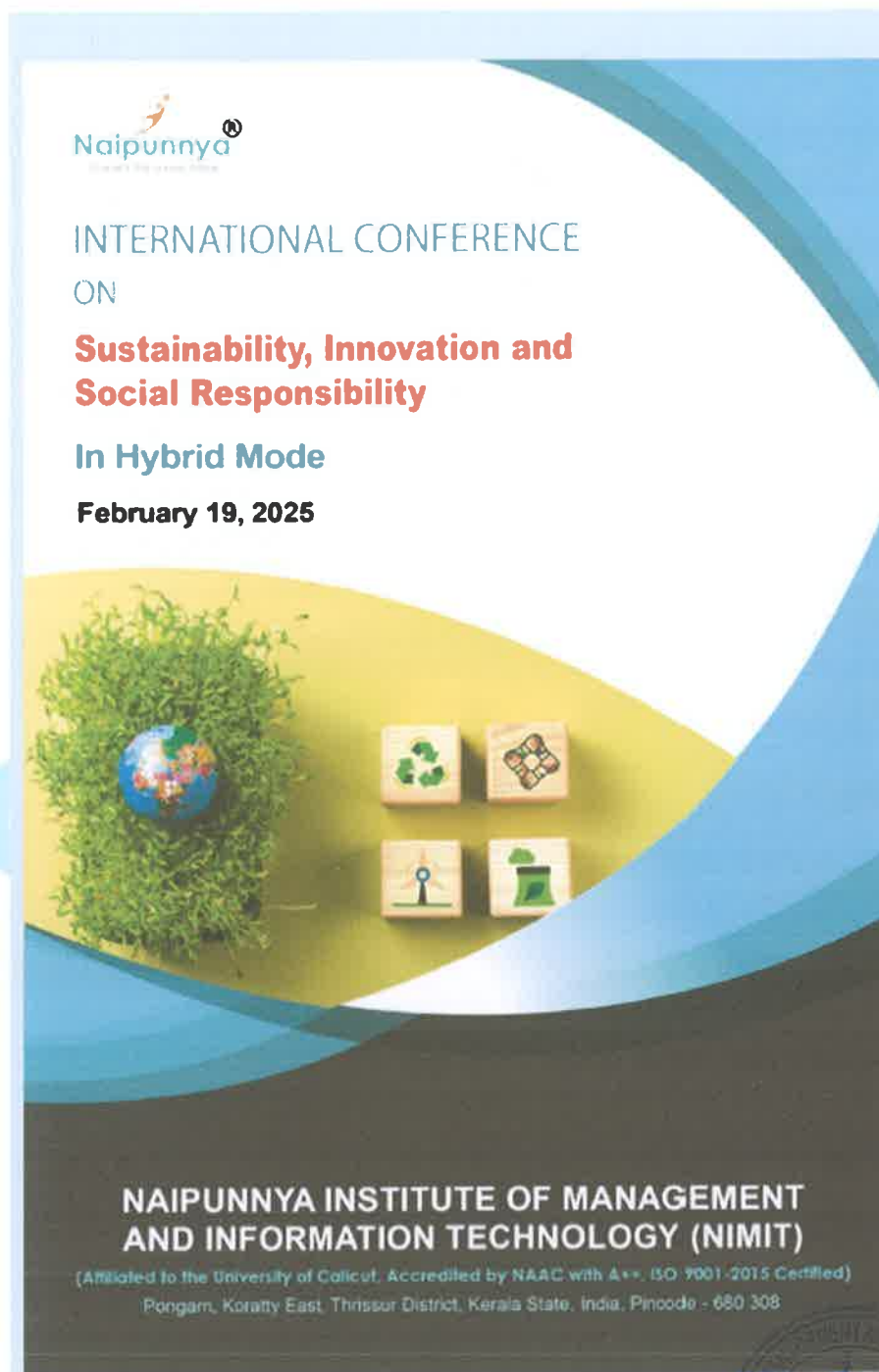
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BROCHURE



Sub-Theme: Department of Computer Science

Innovative Methods to Sustainable Success: Global Trends in Computer Science

Keynote Speaker:



Dr. Deepak P.

About the Speaker:

Dr. Deepak P. is an Associate Professor of Computer Science at Queen's University Belfast (UK), and an adjunct faculty of Computer Science at IIT Madras. He is an expert in AI and has authored 100+ publications, and three books. He regularly writes in popular media about topics in the intersection of technology and politics. His current research interests are in the political economy of AI, and responsible AI, construed in the broadest sense. He is a Senior Member of the IEEE and the ACM, and is a recipient of INAE Young Engineer Award.

Overview Theme:

As artificial intelligence (AI) and Machine learning (ML), branches of computer science continue to transform industries, and all realms of life, innovations in these domains have positive and progressive impacts on sustainable development. They include predictions of illness, natural disasters, and so on and so forth. Integrating contemporary drifts in these technologies with the wellbeing of humans, the environment, and nature is a promising research area.



Functional Areas:

- | | |
|---------------------------------------|---|
| 1. Cyber Security | 11. Artificial Intelligence |
| 2. Blockchain Technology | 12. Electronic Materials Science and Technology |
| 3. Cloud Computing | 13. Energy Storage and Conversion Materials |
| 4. Wireless Networks | 14. Oxide Semiconductors and Dielectrics |
| 5. Machine Learning and Deep learning | 15. Algebra |
| 6. Internet of Things | 16. Applied Mathematics |
| 7. Data Science | 17. Numerical Analysis |
| 8. Data Mining and Data Warehousing | 18. Probability |
| 9. Image Processing | |
| 10. Big Data Analytics | |

Co-ordinators:

Dr. Soni P. M.
Mob: 9981270970

Mr. Deny P. Francis
Mob: 9388418448

Guidelines for submission of research papers

- Non-structured abstract, not exceeding 250 words
- 4-6 Keywords
- References should be formatted in APA Style, all references mentioned in the Reference list are cited in the text, and vice versa
- Authors must indicate the respective functional area / sub-theme in which their papers could be considered.
- The research paper should include the title, author's name, mailing address, telephone number and e-mail address.
- The paper should be based on original work not yet published, not exceeding 5000 words or 13 pages.
- All papers should be in English or the respective language for research in other languages. Research papers should be in MS Word format with Times New Roman font style, 12 font size and 1.5 line spacing. For research in other languages, respective language fonts can be used.
- If paper has more than one author, each author must register separately. The corresponding author shall send the paper.

Registration Fee

Participation only (all categories): Rs. 200/- per participant

Participation and Paper presentation

- Students: Rs 250/- per author
- Research Scholars: Rs 500/- per author
- Academicians: Rs 750/- per author
- Corporate and Foreign delegates: Rs. 1000/- per author

Publication Charges

All the papers presented in the conference will be published in theme wise proceedings as an edited volume with ISBN number.

Cost of Soft copy of the ISBN proceedings: Rs 100/- per copy

Cost of Hard copy of the ISBN proceedings: Rs 300/- per copy

Bank Account Details

Account Holder Name: Naipunnya Institute of Management and Information Technology

Account Number: 0637053000001849

Bank Name: South Indian Bank, Karukutty

IFSC: SIBL0000637

For Registration

Follow the link or Scan QR Code

<https://forms.gle/dv2LrNMvwRY666Kx6>



Important Dates

Deadline for abstract submission: **January 15, 2025**

Deadline for full paper submission: **January 28, 2025**

Notification of acceptance of full paper: **February 8, 2025**

CONFERENCE DAY: **February 19, 2025**

Organizing Committee

Dr. Antony Jose

Director, Naipunnya Centre for Research,
NIMIT

Dr. Soni P M

Secretary, Naipunnya Centre for Research,
NIMIT

Ms. Akhila Thomas

Assistant Professor,
Department of Hotel Management,
NIMIT

Mr. Denny P Francis

Assistant Professor,
PG Department of Computer Science,
NIMIT

Dr. Dhanumol C M

Assistant Professor,
PG Department of English,
NIMIT

Dr. Fairouz Ashareff

Assistant Professor,
PG Department of Commerce,
NIMIT

Advisory Board

Fr. Dr. Paulachan K. J.

Executive Director & Principal,
NIMIT

Dr. Jacob P. M.

Director,
Naipunnya Business School

Ms. Teresa Parackal

Vice-principal Academics,
NIMIT

Dr. Joy Joseph Puthussery

Dean and IQAC Coordinator,
NIMIT

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Dr. Soni P M

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NIMIT

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PROGRAMME SCHEDULE

-CS Department

9.30 am-10.45 am	: Inaugural Meeting (Common for all departments)
10.45am-11.15am	: Departmental keynote address
11.30am-12.30pm	: Paper presentations (Off line and Online)
12.30pm-1.15pm	: Lunch Break
1.15pm-3.15pm	: Paper presentations continues...
3.15pm-4pm	: Valedictory meeting

Venues

Departmental Key note <u>address</u> :	:MBA Lab.
Online Presentation	: MBA Lab
Offline Presentation	: Class <u>room</u> No:250 , 3rd floor Main Block
Valedictory meeting	: MBA Lab

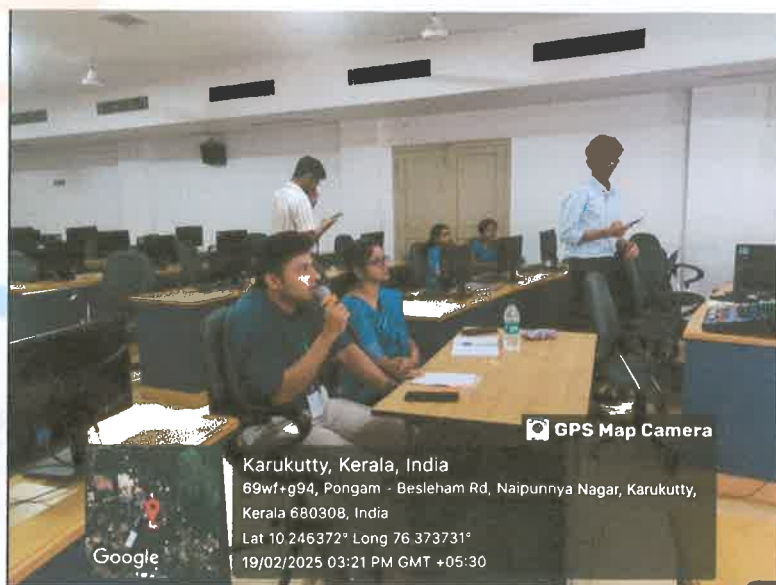
Inaugural session –Computer Science Department

Welcome	: <u>Mr.Jayakrishnan S,HOD Computer Science,NIMIT</u>
Introducing Chief Guest	: <u>Ms.Saritha Devi S, Faculty Computer Science,NIMIT</u>
Keynote address	: <u>Dr. Deepak P, Associative Professor CS Queen's University Belfast(UK).</u>
Vote of thanks	: <u>Ms.Dhanya G,Faculty ,CS NIMIT.</u>

Valedictory Meeting

Silent Prayer	:
Certificate distribution	: <u>Ms.Emily .Ittiyachan ,Director of Examinations,NIMIT</u> <u>:Ms.Treessa Parackal ,Vice Principal NIMIT.</u>
Vote of thanks	: <u>Mr.Deny P Francis ,faculty CS Dept,NIMIT</u>

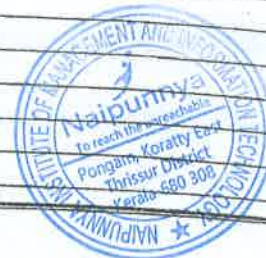
PHOTOGRAPHS



PARTICIPANT'S LIST

Name of the event: International Conference
Date: 19-2-2020
Department: CS

Sl. No.	Name	Signature
1.	Thanya G.S	
2.	Fredy Varghese	
3.	Haashish Sabu	
4.	Anna Diana K M.	
5.	Anna Diana K M.	
6.	Shajitha T.B	
7.	Livin P. Wilson.	
8.	Jayakrishnan S	
9.	BIBITHA BABY	
10.	Anusha Sranandhan	
11.	Noeau Thomas	
12.	Ayush Pradeep	
13.	Ancy Antony	
14.	Denny A.P	
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3rd INTERNATIONAL CONFERENCE on

“Sustainability, Innovation and Social Responsibility”

PG Department of Computer Science

Participants List- Offline Presentation

Sl No	Name of the participant	Role	Name of the institution	Title of the Paper	Paper presentation/ Participation	Signature
1.	Sasithadavis	Asst. Prof.	Vidya NIMIT, Pongam	Video Games and AI Integration.	Paper presentation	[Signature]
2.	Dhanya G.S	Asst. Professor	NIMIT, Pongam		Paper presentation	[Signature]
3.	Harish Babu	"	"	Video Games & AI Integration.	"	[Signature]
4.	Fredy Varghese	Asst. Professor	NIMIT, Pongam		"	[Signature]
5.	Anna Ramelan	Asst. Prof.	NIMIT, Pongam	Exploring the potential of Neuro Learning in Healthcare Diagnosis.	"	[Signature]
6.	Anne D iave km	Asst. Prof.	NIMIT, Pongam	Video Games and AI Integration.	"	[Signature]
7	Jayalashan S	Asso. Prof.	NIMIT, Pongam			[Signature]



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8	Nema Thomas	Asst. Professor	NI MIT, Pongam	Language affect health via PTSD using anomaly detection	Parapetals	Carl
9	Anusha Suresh	Asst. Professor	NI MIT, Pongam	"	"	Q
10	B. Latha	Asst. Professor	NI MIT, Pongam	"	"	Q
11	Shreyellina B	Asst. Professor	NI MIT, Pongam	A study on fuzzy theoretical aspects of digital circuits	"	Shruti
12	Shrinya Nayan	Asst. Prof.	NI MIT, Pongam	"	"	Q
13	Lvin P. William	Asst. Prof.	NI MIT, Pongam	"	"	Q
14	Ayush Pradeep	Student	DI ST, Angamaly	Enhancing Mega city disease diagnosis & management with AI	"	Q
15	Anay Antony	Asst. Prof.	"	"	"	Q
16	Denu P F	Asst. Prof	NI MIT, Pongam	AI in Education	"	Q

