

**Report on International Conference**  
**Vigyaan 2022**

**Date of Event:** 09/11/2022

**Faculty In-charge:** Dr. Soni P M

**Ms. Nithya Paul**



**Report on International Conference - Vigyaan 2022**

The Department of Computer Science at Naipunnya Institute of Management and Information Technology, has conducted an International Conference on “Advanced and Emerging Trends in Computer Science” in three different venues on 9<sup>th</sup> November 2022. The inauguration of the conference was done at the seminar hall Nivedika from 9.30 am. Mr. Jayakrishnan, HOD of Computer Science welcomed the gathering.

.Fr. Dr. Paulachan K J, Principal and Executive Director of NIMIT, presided over the inauguration function and appreciated the department for their initiative to set up an ideal platform where experts and research scholars from different places could share their ideas and innovations.

Prof. Dr. Sudheep Elayidom, HOD Computer Science, School of Engineering, CUSAT inaugurated the International Conference by lighting the lamp and delivering a message related to the importance of conferences and how it will be a social service. Rev.Fr. Dr. Paulachan K J, Principal and Executive Director of NIMIT, presented a memento for the chief guest and the session ended with a vote of thanks by Ms. Nithya Paul.

The keynote session on “Trends in Computer Science Research” was taken by Prof. Dr. Sudheep Elayidom, HOD Computer Science, School of Engineering, CUSAT, and more than eighty participants from different colleges in India and abroad including students and faculty members of our college participated in the Seminar. The scholars discussed their doubts in the research area with the key note speaker.

After the tea break, the conference started in three different venues - The Seminar hall, Conference hall, and BCA classrooms. The conference was chaired by Dr. Smitha Harikumar, Principal, Chinmaya College of Arts Commerce and Science, Thrippunithura, and Dr. Sarika S, Associate Professor, NIMIT, Dr.Soni P M, Assistant Professor, NIMIT in the three respective venues in the forenoon and afternoon sessions. Lunch was arranged at Sarang Hall and the student coordinators accompanied the participants to the Sarang as a part of our hospitality.



## Naipunnnya Institute of Management and Information

### Technology

The valedictory functions started with a welcome speech by Ms. Shajitha T B, Associate Professor, Department of Computer Science, NIMIT. Dr. Smitha Harikumar, Principal, Chinmaya College of Arts Commerce and Science, Thrissur, presided over the function. Dr. Joy Joseph Puthussery, Dean of Studies, NIMIT felicitated the gathering and conveyed that this is the first International Conference of NIMIT. Dr. Joy Joseph Puthussery presented a memento to the session chair Dr. Smitha Harikumar.

Dr. Smitha Harikumar, Dr. Joy Joseph Puthussery, and Mr. Jayakrishnan S distributed certificates to the participants. The session ended with a vote of thanks by Dr. Soni P M.



Prepared by,

Dr. Soni P. M  
(Co-ordinator)



Verified by,

Mr. Jayakrishnan S  
(HOD)

Approved by,

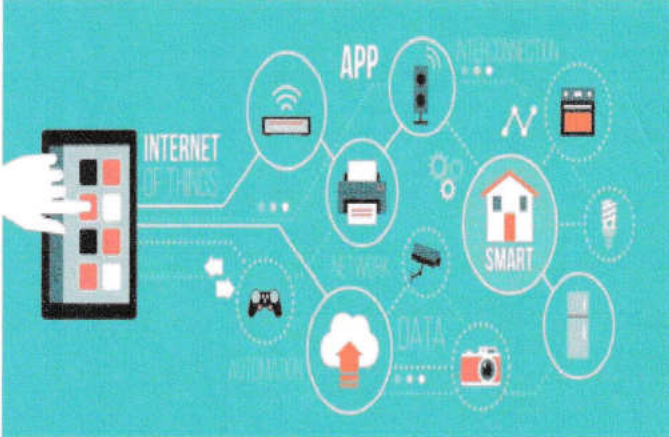


Rev. Fr. Dr. Paulachan K J  
(Principal)



# VIGYAAN'22-23

## INTERNATIONAL CONFERENCE ON ADVANCED AND EMERGING TRENDS IN COMPUTER SCIENCE



**Date : 09<sup>th</sup> November 2022**  
**Venue : NIMIT, Pongam, Thrissur**



**Organized by :**  
PG Department of Computer Science  
**NAIPUNNYA INSTITUTE OF MANAGEMENT  
AND INFORMATION TECHNOLOGY (NIMIT)**

### ABOUT THE COLLEGE

Naipunnya Institute of Management and Information Technology (NIMIT), a premier professional training institute in God's Own Country, is one of the best of its kind in South India. Naipunnya in Sanskrit means dexterity or mastery. NIMIT, as the name signifies, aims at professionalism, discipline and holistic development of the student. The Institute is unique in its approach towards professionalism, whereby even those from the lower economic strata get a platform to forge their skills and potentials.

NIMIT was formally inaugurated on 29<sup>th</sup> of August 2002 as an affiliated college to the University of Calicut. Within a short span of time, NIMIT emerged as a much sought after educational institution. It has also attained the status of Centre of Excellence. In 2002, NIMIT was granted the ISO 9001-2015 certification for exemplary standards in education and student training. In 2019, the institute became accredited by NAAC with B++ grade.



### ABOUT THE CONFERENCE

Computers have been around for quite some time now. New technologies and initiatives emerge with each passing day. In order to understand the existing technologies and have a better view of the developments around us, we must keep an eye on the emerging trends. Emerging trends are the state-of-the-art technologies, which gain popularity and set a new trend among users. The conference aimed to encourage development and promote scientific information exchange between faculty, researchers, engineers, students and practitioners working in all over the world.



**CONFERENCE THEME**

Theme: **"Advanced and Emerging Trends in Computer Science"**.  
The broad areas of enquiry and discussions shall include, but not limited to the following:

- Security
- Neural Networks
- Machine Learning
- Commercial Dimension of Data Mining
- Social Networks
- Mobile Data Mining
- Data Clustering
- Grid Computing
- Cloud Computing
- Genetic Algorithms
- Big Data
- Multimedia Communications and Systems
- Computer Vision
- Image Processing

**PARTICIPANTS**

Experts from IT industry, Faculty members from Universities/ Colleges, Department of Computer Science, IT and related disciplines, research scholars and students.

**IMPORTANT DATES**

Last date of submission of Abstract: **15<sup>th</sup> October 2022**  
Camera Ready Paper: **25<sup>th</sup> October 2022**  
Notification and acceptance: **1<sup>st</sup> November 2022**  
Last Date of Registration (Participants): **5<sup>th</sup> November 2022**

**CALL FOR PAPERS**

Academicians and researchers are invited to present papers based on various topics that comes under the conference theme. Please send the full papers by **25<sup>th</sup> October 2022** to the mail id: [nimites@naipunnya.ac.in](mailto:nimites@naipunnya.ac.in).

All accepted papers will be published in ISBN book proceedings

**RESOURCE PERSON**



**Dr. M Sudheep Elayidom**  
HOD,  
Department of  
Computer Science,  
School of Engineering,  
CUSAT

**Paper Presentation Chaired by:**



**Dr. Sarika S.**  
Asso. Professor

Department of Computer Science  
NIMIT, Pongam



**Dr. Soni P. M.**  
Asst. Professor

**FEES & PAYMENTS**

**Registration Fee : Rs. 250/-**  
**Presentation & Publication Fee**  
International Participants : **Rs. 800/-**  
Students : **Rs. 400/-**  
Others : **Rs. 600/-**

**Account Details**

Name : Mr. Freddy Varghese  
A/C No : 20142733775  
IFSC : SBIN0003285

**ORGANIZING COMMITTEE**

- Rev. Fr. Dr. Paulachan K J**  
Principal & Executive Director,  
NIMIT.
- Dr. Joy Joseph Puthussery**  
Dean of Studies, NIMIT.
- Mr. Jayakrishnan S**  
HOD, Computer Science, NIMIT.
- Dr. Soni P M**  
Asst. Professor, NIMIT.
- Ms. Nithya Paul**  
Asst. Professor, NIMIT.

**CONFERENCE COORDINATORS**

- Mr. Jayakrishnan S**  
HOD, Computer Science, NIMIT.  
Mobile : 9995114386
- Dr. Soni P M**  
Asst. Professor, NIMIT.  
Mobile : 9961270970
- Ms. Nithya Paul**  
Asst. Professor, NIMIT.  
Mobile : 8086377672



**CONTACT US**

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**HOW TO REACH US**



**NAIPUNNYA INSTITUTE OF MANAGEMENT AND INFORMATION  
TECHNOLOGY**

**Department of Computer Science**

**International Conference on “Advanced and Emerging  
Trends in Computer Science” -VIGYAAN’22**

Venue :Seminar Hall,Main Block

Date: 9<sup>th</sup> November 2022

**Inaugural Ceremony (9.30 am – 10:00 am)**

Prayer	:	Ms.Kesiya Johnson(3 <sup>rd</sup> Sem MSc)
Welcome Speech	:	Mr. Jayakrishnan S HOD, Department of Computer Science, NIMIT
Presidential Address	:	Rev.Fr. Dr. Paulachan K J Principal & Executive Director, NIMIT
Inauguration and Inaugural Address	:	Prof. Dr. M Sudheep Elayidom HOD, Department of Computer Science School of Engineering, CUSAT.
Vote of Thanks	:	Ms.Nithya Paul Assistant Professor, Department of Computer Science, NIMIT

**Session 1 (10:00 am – 10:45 am)**

**Keynote Speech  
on**

**“Trends in Computer Science Research”  
(By Prof. Dr. M Sudheep Elayidom  
HOD, Department of Computer Science  
School of Engineering, CUSAT)**

**Tea Break**

**Session 2 (11.00am-1.00pm)**

**Paper Presentations**

Chaired by:

Dr. Smitha Hanikumar, Principal, Chinmaya College of Arts, Commerce & Science, Tripunithura.  
Dr.Sarika S , Associate Professor , Department of Computer Science, NIMIT.  
Dr.Soni P M , Assistant Professor , Department of Computer Science, NIMIT





**Technology**







Venue 1 (Seminar Hall)

Sl	Name	Time	Paper Name
1	Preetha S	11 -11.15	CloudBnB-A Complete Peer-To-Peer Ad-Hoc Architecture For A Decentralized Internet
2	Resija P R	11.15-11.30	Resume Scrutiny System Using Machine Learning and Natural Language Processing
3	Nisha Sanjay	11.30-11.45	Task Scheduling techniques in Cloud Computing : A review
4	Blessy Paul	11.45-12.00	Applications of artificial neural network in student performance prediction
5	Prajisha T M	12.00-12.15	Classification of anxiety disorder data using back propogated multi layered neural network
6	Francy T L	12.15-12.30	A review on cloud computing models
7	Andal Srinivasan	12.30-12.45	Literature study of existing algorithms on resource scheduling
8	Shelja jose	1.45-2.00	Review on machine learning and deep learning technique used for Dysgraphia detection
9	Advaith C.A , Abhinav T.B	2.00-2.15	Analysis and Evaluation of Neural Style Transfer
10	Justin Jacob	2.15-2.30	Literature Survey – Ev Charging Station Locator
11	Ancy Paul	2.30-2.45	A Comparative Study Of Medical Professional's Cursive Handwriting Recognition Technologies
12	Evangeli Jose	2.45-3.00	Review On Opinion Mining Based Synthetic Merchandise Review Monitoring And Abolition System



**Technology**

**Venue 2 (Conference Hall)**

Sl	Name	Time	Paper Name
1	Vinay Michael ( International)	11-11.15	Survey On Data Security In Internet Of Things (Iot)
2	Omega Chandran	11.15-11.30	Review On Data- Driven Hr Analytics Using Machine Learning Algorithms
3	Annlee el	11.30-11.45	A Review Paper On Classification Of Research Papers
4	Hafsa S	11.45-12.00	Review On Using Machine Learning techniques To Predict Autism spectrum Disorder In Children
5	Lena MJ	12.00-12.15	Review On Analysis Of Atmospheric Insalubrious Prediction
6	Ragendu	12.15-12.30	An Investigation Of Sophisticated Deception Detecting Using Deep Learning
7	Nila .U	12.30-12.45	Predicting Performance For Imdb Movies By Machine Learning
8	Anitha Roy ( International)	1.30 -1.45	Mechanisms Of Water Quality Management Systems
9	Jain Joseph ( International)	1.45 -2.00	Artificial Intelligence Assisted Diagnosis For Blood Cancer Using Machine Learning
10	Manjusha (International )	2.00-2.15	A review on Alleviating cold start issues in recommender systems
11	Kiran Micheal (International)	2.15-2.30	Data Analytics in IoT



**Venue 3 (BCA B )**

Sl	Name	Time	Paper Name
1	Adithya Dinesh,Darshan	11.15-11.30	Blockchain: Recent Research Studies
2	Adith Shaji	11.30-11.45	Real-Time Object Detection Using Yolo And Gtm
3	Aravind D	11.45-12.00	Sentiment Analysis On Multi Linguistic Reviews
4	Delna Antyes	12.00-12.15	Analysis Of The Deep Learning Algorithm For The Detection Of Autism Spectrum Disorder
5	Bevin Benet,Neha	12.15-12.30	Privacy Preserving Machine Learning : A Review On Methods And Trends
6	Vismaya CV	12.30-12.45	Data Mining: Prediction Of Students Future In Academic Achievement
7	Greeshma Vijeesh	2.00-2.15	Review On Models Used For Video Summarization
8	Reva.P , Abel George	2.15-2.30	A Survey On Federated Learning: Effective And Efficient MI

