



ESTD : 2001
An Institute with a Difference

RNS Institute of Technology

(AICTE Approved, VTU Affiliated, and NAAC 'A' Accredited)
(UG Programs- CSE, ECE, ISE, EIE and EEE are Accredited by NBA up to 30.06.2025)
CHANNASANDRA, DR. VISHNUVARDHAN ROAD, BENGALURU - 560098

Department of Computer Science and Engineering

Vision: Preparing better Computer Professional for a Real World

Report on

National Conference on Computing Technology (NCCT - 2022)

The National Conference on Computing Technology – 2022 was jointly organized by departments of CSE, ISE, AI & ML and MCA, RNSIT, Bengaluru, on June 30, 2022. The primary goal of this conference was to bring together experts, students, and innovators from academia/industry in related fields and provide a platform for networking. The conference also aimed to spark young graduates' interest to pursue research as a career.

The conference themed around trending streams like Artificial Intelligence and its Applications, Data Science, Machine Learning & Deep Learning, Computer Vision & Augmented Reality-Virtual Reality, Cyber Security, High Performance Computing, IoT & Cloud Computing, Natural Language Processing, Software Engineering & Architecture, Wireless & Mobile Networks, Business Intelligence etc., Initial design brochure and website design was done by our faculties. The conference had received 163 research papers, out of which 110 shortlisted papers were accepted for presentation and publications.

The conference was inaugurated on June 30th , 2021 by Chief Guest Dr. Gopal Hegde, Honorable Technology Manager, CeNSE, Indian Institute of Science, Bengaluru along with Principal Dr. M K Venkatesha and all Heads of the organizing departments, followed by keynote address on “**Artificial Intelligence in Agriculture**” by Dr. Gopal Hegde. Total 110 papers were scheduled with 15 parallel technical paper presentation sessions held between 11 am to 1 pm. Distinguished professors from various prestigious institutions chaired the session offline with the active cooperation of internal session chairs and faculty coordinators. The Best paper awards were distributed to excellent performers across 15 Sessions as listed below along with acknowledging the efforts of all coordinators and delegates. So 15 best papers were selected from each Sessions and for all 15 best papers certificates were given and all participants participation certificates were sent.

Session Number	Best Paper Title
Session-1	NCCT 115- Tomato Leaf Disease Detection Using Deep Learning
Session-2	NCCT 149- Face Generation using Linguistic features
Session-3	NCCT 183- Visual search application using transfer learning
Session-4	NCCT 204- Lip Movement recognition and conversion to text
Session-5	NCCT 213- A Hybrid Optimization Algorithm and Shamir Secret Sharing Based Secure Data Transmission for IoT based WSN.
Session-6	NCCT 157- Crop Price Prediction
Session-7	NCCT 172-AI Based Online Proctoring System
Session-8	NCCT 205- Underwater image refinement for visual perception
Session-9	NCCT 131- Object Placement Using Augmented Reality
Session-10	NCCT 135- Gesture Detecting Smart Watch for Elderly and Physically Challenged
Session-11	NCCT 227- BHAVANA: The Emotion Analyzer
Session-12	NCCT 146- Student Monitoring system with Face Authentication based on NFC
Session-13	NCCT 202- Abnormal event detection in videos using spatiotemporal auto-encoder
Session-14	NCCT 243- Decentralization of E voting systems based on smart contracts and blind signature
Session-15	NCCT 254- Immersive story telling using virtual reality





ABOUT THE INSTITUTION

RNS Institute of Technology (RNSIT) is an esteemed Institution established in the year 2001 by our beloved Founder Dr. R N Shetty, a well-known industrialist, philanthropist, and an educationalist. The Institution is led by our beloved Managing Trustee, Sri. Satish R Shetty.

RNSIT is built on a sprawling 160 acre clean green campus managed by a highly committed, proactive, and compassionate management with a mission to impart quality higher education, enabling graduates to excel in their career. The Institution offers Nine UG, Four PG Programs. Nine Departments have Research & Development centers recognized by VTU.

All departments are having highly qualified, committed, and dedicated faculty. Over 42% of the faculty members are pursuing Ph.D. and 26% are doctorates. RNSIT is rated as one of the best teaching institutions by the public. A unique feature of RNSIT is its Training and Placement Department holding more than 1493 placement offers. The Institution works with a number of innovative methods in administration, services, and teaching. The Institution is consistently bagging University ranks and Gold medals in both UG & PG programs. Strong and disciplined work culture is the hallmark of RNSIT. Due encouragement is given for the holistic development of every individual. The institution organizes FDPs, National/International Conferences and Workshops on regular basis for the benefit of faculty members and students.

ABOUT THE DEPARTMENTS

The departments of Computer Science & Engineering (CSE), Information Science & Engineering (ISE), Artificial Intelligence & Machine Learning (AI & ML) and Master of Computer Applications (MCA) are established with the intention of imparting high quality technical education. The departments have grown exponentially in terms of students quality, enthusiastic faculty, infrastructure, and the accolade.

The objective of the departments is to train interdisciplinary graduates, transforming them into global leaders/trendsetters and to keep pace with the latest IT trends. These programs are designed to meet the growing demands of IT industry.

IMPORTANT DATES

Paper Submission Deadline	May 25, 2022
Notification of Acceptance	June 04, 2022
Last date of Registration	June 07, 2022
Camera Ready Paper Due	June 10, 2022
Conference Date	June 30, 2022

CONTACT DETAILS OF COORDINATORS

Ms. Sampada K S	9845091271
Dr. Bhagyashree Ambore	9620058881
Ms. Suma M G	7899555656

Email id: ncct.rnsit.2022@gmail.com



RNSIT

Bengaluru



Dr. R N Shetty
Founder



National Conference on Computing Technology (NCCT - 2022)



June 30, 2022



Jointly Organized by Departments of
Computer Science & Engineering
Information Science & Engineering
Artificial Intelligence & Machine Learning
Master of Computer Applications

Vision of the Institute

Building RNSIT into a World-Class Institution.

Mission of the Institute

To impart quality education in Engineering, Technology and Management with a difference, Enabling Students to Excel in their Career.



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Academic years 2018-19, 2019-20, 2020-21 and 2021-22)

Dr. Vishnuvardhan Road, Channasandra

RR Nagar Post, Bengaluru - 560 098



ABOUT THE CONFERENCE

The National Conference on Computing Technology – 2022 jointly organized by departments of CSE, ISE, AI & ML and MCA, RNSIT, Bengaluru, will be held on June 30, 2022. Higher education institutes are engaged in knowledge transformation, assimilation, creation and dissemination to meet the organizational expectations. The primary goal of this conference is to bring together experts, students and innovators from academia/industry in related fields and provide a platform for networking. The conference also aims to spark young graduates interest to pursue research as a career. The conference will facilitate and promote interdisciplinary research.

CALL FOR PAPERS

NCCT - 2022 invites paper submissions on topics related to Computing Technology, including but not limited to:

- Artificial Intelligence and its Applications
- Data Science, Machine Learning & Deep Learning
- Computer Vision & Augmented Reality-Virtual Reality
- Cyber Security
- Edge Computing & Quantum Computing
- IoT & Cloud Computing
- Natural Language Processing
- Software Engineering & Architecture
- Wireless & Mobile Networks
- Business Intelligence
- Robotic Process Automation (RPA)
- Blockchain

TARGET AUDIENCE

- Students from CSE, ISE and allied branches.
- PG Students from M.Tech. & MCA.
- Faculty & Research Scholars

INSTRUCTIONS FOR PAPER SUBMISSION

Full Papers on original work with about 300 words of abstract and not exceeding eight A4 size pages conforming to the IEEE style with details of the authors, affiliations, address and Email ID should be submitted electronically before the deadline. Detailed instructions pertaining to paper format can be downloaded from our website www.rnsit.ac.in/ncct-2022. Each paper will be blind reviewed by two prominent domain experts and one of the author must register. All accepted and presented papers will be published in Conference proceedings with ISBN. Some of the conference papers adhering to quality standards of Integrated Intelligent Research (IIR) will be published in IJCOA, IJWT, IJBI, IJDMTA and IJCNES.

REGISTRATION

Registration Fee for each paper: ₹500.00

Registration Fee through Net Banking/UPI

Name: RNSIT

Bank Name: CANARA BANK

Branch: RNSIT

A/C No.: 8574101050101

IFSC : CNRB0008574

Payment Link:

<https://payments.billdesk.com/bdcollect/bd/rnsiotec/5995>

CHIEF PATRON

Sri. Satish R Shetty

Managing Trustee, RNS Group of Companies

CONFERENCE CHAIR

Dr. M K Venkatesha

Principal

ORGANIZING COMMITTEE

Dr. Kiran P, Prof. & Head, Dept. of CSE

Dr. Suresh L, Prof. & Head, Dept. of ISE

Dr. Harsha S, Assoc. Prof. & Head, Dept. of AI & ML

Dr. Kavya N P, Prof. & Head, Dept. of MCA

CONVENERS

Dr. Girijamma H A, Professor, Dept. of CSE

Dr. Sathish Kumar S, Professor, Dept. of ISE

Dr. Rama Satish K V, Assoc. Prof., Dept. of AI & ML

Mr. Vishwanath V Murthy, Asst. Prof., Dept. of MCA

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Dr. C M Suresha, Head, Dept. of Mathematics

TECHNICAL PROGRAM COMMITTEE

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Dr. Bhavanishankar K, Assoc. Prof, Dept. of CSE

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Dr. Mamatha G, Prof., Dept. of ISE

Dr. Prakasha S, Assoc. Prof, Dept. of ISE

Dr. Rajkumar R, Assoc. Prof, Dept. of ISE

Dr. Rajani Narayan, Assoc. Prof., Dept. of MCA

COORDINATORS

Dr. Bhagyashree Ambore, Asst. Prof., Dept. of ISE

Ms. Sampada K S, Asst. Prof., Dept. of CSE

Ms. Suma M G, Asst. Prof., Dept. of MCA





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TEL : +91 80 28611880/ 1 FAX: +91 80 28611882 WEBSITE: WWW.RNSIT.AC.IN



Dr. R N Shetty
Founder

INVITATION

We cordially invite you for the formal inauguration of the
National Conference
on
Computing Technology



Jointly Organized by
Departments of CSE, ISE, AI & ML and MCA

Chief Guest

Dr. Gopal Hegde

Technology Manager
CeNSE, Indian Institute of Science, Bengaluru

Presided By

Sri. Satish R Shetty

Managing Trustee, RN Shetty Trust &
Chairman, RNS Group of Institutions

Dr. Kiran P
HoD - CSE

Dr. Suresh L
HoD - ISE

Dr. Harsha S
HoD - AI & ML

Dr. Kavya N P
HoD - MCA

Dr. M K Venkatesha
Principal

Date & Time

June 30, 2022, Thursday 09:30 a.m.

Venue

Placement Seminar Hall, III Floor, MBA Block



Outlook DATAQUEST

Your Presence will be of great value to the function



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Programme

- ◆ Invocation
- ◆ Welcome
- ◆ Inauguration & Floral tribute to Dr. R N Shetty
- ◆ Overview of NCCT - 2022
- ◆ Introduction of the Chief Guest
- ◆ Keynote Address by the Chief Guest
- ◆ Address by the Principal
- ◆ Presidential Address
- ◆ Vote of Thanks

Your presence will be of great value to the function.



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DR. VISHNUVARDHAN ROAD, CHANNASANDRA, RR NAGAR POST, BENGALURU – 560098

NCCT- 2022

June 30 - 2022

Programme Schedule

Timings	Programme
9.30 AM – 10.15 AM	Inauguration
10.15 AM – 11.00 AM	Keynote Address
11.00 AM – 11.15 AM	Tea Break
11.15 AM – 1.00 PM	Paper presentation: Session 1 to 15

Inauguration Agenda

Timings	Programme
09.30 AM - 09.35 AM	Invocation: -Ms.Annapoorna, 8 th Sem, ISE
09.35 AM - 09.40 AM	Welcome address: -Dr.Suresh L, HoD, ISE Dept.
09.40 AM - 09.45 AM	Floral tribute & Lighting the Lamp -Dignitaries
09.45 AM - 09.50 AM	Overview of NCCT 2022: -Dr.Kiran P, HoD, CSE Dept.
09.50 AM - 10.00 AM	Introduction of Chief Guest: -Dr. Kavya N P, HoD, Dept. of MCA
	Address by Chief Guest: - Dr.Gopal Hegde, Technology Manager GeNSE, IISc, Bengaluru
10.00 AM - 10.05 AM	Address by the Principal -Dr. M K Venkatesha, Principal
10.05 AM - 10.10 AM	Presidential address: -Sri. Satish R Shetty, Managing Trustee, R N Shetty Trust & Chairman, RNS Group of Institutions
10.10 AM - 10.15 AM	Concluding Remarks: -Dr.Harsha, HoD, AI&ML Dept.

MC: Ms.Hema and Ms.Vidya



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NCCT - 2022

June 30th - 2022

Sessions Schedule						
Timings/ Sessions No./ Room No.		Paper IDs	External Session Chair	Internal Session Chair	Coordinators	
11.00 pm - 01.00 pm	1	001 (Ground floor)	NCCT102, NCCT103, NCCT113, NCCT114, NCCT115, NCCT120, NCCT127 (Deep Learning)	Dr Prabhudev Jagadeesh JSSATE	Dr. Shashidhara H S CSE Dept	Prof. Hemanth Kumar (8861105261)
	2	Lab 1 (Ground floor)	NCCT129, NCCT134, NCCT142, NCCT143, NCCT144, NCCT147, NCCT149 (Deep Learning)	Dr. Kiran Y C GAT	Dr. Prakash ISE Dept	Prof. Raghu Prasad K (9886849227)
	3	Lab 2 (Ground floor)	NCCT155, NCCT168, NCCT171, NCCT175, NCCT183, NCCT150, NCCT184 (Deep Learning)	Dr Vibha M B DSCE	Prof. Vishwanath V Murthy MCA	Prof. Roopa H M (9008377002)
	4	005 (Ground floor)	NCCT185, NCCT190, NCCT191, NCCT204, NCCT214, NCCT217, NCCT220, (Deep Learning)	Dr. Adithya PES	Dr. Madhura G E&I Dept	Prof. Sunitha K (9738180095)
	5	006 (Ground floor)	NCCT105, NCCT116, NCCT139, NCCT156, NCCT201, NCCT203, NCCT207, NCCT213, NCCT216 (IoT)	Dr. Vijayalakshmi KSIT	Dr. Ohileshwari M S ECE Dept	Prof. Sudha V (9035416816)
	6	104 (1st floor)	NCCT104, NCCT107, NCCT137, NCCT117, NCCT152, NCCT154, NCCT157 (ML)	Dr. Venugeetha DBIT	Dr. Rajini Narayan MCA	Prof. Kavya T C (9650531398)
	7	Hi-Tech Lab (1st floor)	NCCT165, NCCT166, NCCT167, NCCT172, NCCT187, NCCT249 , NCCT161 (ML)	Dr. Satish Kumar T BMSCE	Dr. R. Rajkumr ISE Dept	Prof. Sowmya S K (9964272060)
	8	Lab 3 (1st floor)	NCCT205, NCCT208, NCCT223, NCCT226, NCCT228, NCCT231, NCCT233, NCCT148 (ML)	Dr.Bindhya M K SJBIT	Dr. Archana R Kulkarni ECE Dept	Prof. Vinutha G K (9986119858)

9	Seminar Hall (2nd Floor)	NCCT241, NCCT242, NCCT244, NCCT254, NCCT186, NCCT229, NCCT131 (ML)	Dr. Chethana R Murthy RVCE	Dr. Mamatha G ISE Dept	Prof. Karthik S Chouri (9886032316)
10	301 (3rd Floor)	NCCT132, NCCT135, NCCT140, NCCT141, NCCT153, NCCT170, NCCT206, NCCT225, NCCT133 (Social Cause)	Dr. Prabhavathi C N ECE Dept	Dr. Sree Vidya DS Dept	Prof. Jyothi T (9740790387)
11	302 (3rd Floor)	NCCT227, NCCT236, NCCT248, NCCT253, NCCT251, NCCT252, NCCT247, NCCT188, NCCT215 (Social cause & Deep learning)	Dr. Suresh D ECE Dept	Prof. Sampada K S CSE Dept	Prof. Manjula L (8867234664)
12	303 (3rd Floor)	NCCT112, NCCT128, NCCT146, NCCT158, NCCT126, NCCT255 (Network)	Dr Sharada Prasad EEE Dept	Prof. Nagesh B S CSE Dept	Prof. Yashasvi B N (9480132506)
13	304 (3rd Floor)	NCCT189, NCCT200, NCCT202, NCCT238, NCCT239, NCCT250, NCCT240 (Network)	Dr. Mallikarjun H M E&I Dept	Dr. Bhagyashree Ambore ISE Dept	Prof. Sanjay P K (9916069451)
14	Edusat Hall (3rd Floor)	NCCT109, NCCT145, NCCT209, NCCT218, NCCT221, NCCT243, NCCT181 (Blockchain)	Dr. S V Uma ECE Dept	Dr. Sudhamani M J CSE	Prof. Sowmya N G (9663700223)
15	MTech Lab (3rd Floor)	NCCT101, NCCT111, NCCT130, NCCT138, NCCT254, NCCT193 (Cc & Web)	Dr. Rajini V Honnungar ECE Dept	Prof. Ramyashree CSE Dept	Prof. Supritha N (9164629970)



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NCCT- 2022

Session 1 Schedule – 001 (Ground Floor)

Venue	Paper Title	Author(s)	Session Chairs	Coordinator
Room 001 (Ground Floor)	NCCT102	Brain Tumor Detection using U-NET	Aditya D, Akshay P, Dravyashree M, R G Manvitha	Prof. Hemanth Kumar (8861105261)
	NCCT103	Alzheimer's Detection using DenseNet	Aditya D, Akshay P, Athira Rajeev, Deethya J Reddy	
	NCCT113	Image Captioning - A Deep Learning Approach	Gautam Singh, Ashutosh Kumar Jha	
	NCCT114	Citrus Fruit Disease Using Deep Learning	Shilpa Pattanashetti, Chethana H R	
	NCCT115	Tomato Leaf Disease Detection Using Deep Learning	Aishwarya R Yadahalli, Dr. Girijamma H A	
	NCCT120	Autonomous Driving: Self Driving Car	Ajith Syam B	
	NCCT127	Indian Currency Recognition and Fake Detection Using Image Processing	Rohit A, S Nishanth, Rashmi M	

Session 2 Schedule – MCA Lab 1 (Ground Floor)

Venue		Paper Title	Author(s)	Session Chairs	Coordinator
MCA Lab 1 (ground floor)	NCCT129	Identification of Apple Leaf Disease	Hardik Jain, Mohammed Arif, Raj Sengar, Vipul Raj, Lakshmi R	Dr. Kiran Y C GAT (External) & Dr. Prakash ISE Dept (Internal)	Prof. Raghu Prasad K (9886849227)
	NCCT134	An approach to the early detection of Parkinson's and Alzheimer's disease using a Convolutional Neural Network	Shankar Ram M, Rakshith V, Sandeep Shenoy S, Suhas J Vrundavan		
	NCCT142	Human Activity Recognition Using LSTM-RNN Neural Network	Bhavya Sree T K. Bhavna Bijinepalli, Gouthami R		
	NCCT143	Digit Recognition using Split Neural Networks for Data Privacy Preservation	Niharik potdar, Vandana T, Samhitha, Sonal Jain, Dr Bhavanishankar K		
	NCCT144	Cancer Cell Detection using H&E Stained Images	Archana, Arya Srivastava, Mohini Rai, Nagaratna Ganapati Hegde		
	NCCT147	Image Forgery Detection using RCNN	Prerak Bhandari, Kaushik R		
	NCCT149	Face Generation Using Linguistic Features	Varnika Bagaria, Ridha P, Suhas S Rao, Rachanaa M Raghuthama		

Session 3 Schedule – MCA Lab 2 (Ground Floor)

Venue		Paper Title	Author(s)	Session Chairs	Coordinator
MCA Lab 2 (ground floor)	NCCT155	Restoration of Obscured Images	Vinay Kulkarni, Rohith N, Aditya Krishnagiri, Rohit Rajesh Joshi	Dr Vibha M B DSCE (External) & Prof. Vishwanath V Murthy MCA (Internal)	Prof. Roopa H M (9008377002)
	NCCT168	Deep Learning based Paddy Leaf Disease Identification	Prof. A N Ramya Shree, Jyoti P, Meena G, Priya E, Anusha L		
	NCCT171	Posture Correction and Exercise Repetition Counter using MediaPipe	Dr.H.R Shashidhara, Arya Adesh, Akhilesha A Saralaya, N Giridhara Holla, Karthik B N		
	NCCT175	FINGERPRINT RECOGNITION SYSTEM	T C Vishnupriya, Jyoti T		
	NCCT183	Visual Search Application using transfer learning	Saurav.R.Shetty, Sanjana Prakash, Harish, Akash Singh		
	NCCT150	Age and Gender Detection Using CNN	Agna N B, Aishwarya K, Asfiya Misba, Bhavana G		
	NCCT184	The Train of Future - Hyperloop	Manjunatha P R, Abhishek B S		

Session 4 Schedule – 005 (Ground Floor)

Venue	Paper Title	Author(s)	Session Chairs	Coordinator
Room 005 (Ground Floor)	NCCT185	Hand Written Text Recognition System Using CNN	Dr. Suresh L, Aarshabh Agrawal, Arnav Kashyap, Divya Desai, Mayur Kumar Singh	Prof. Sunitha K (9738180095)
	NCCT190	Early Detection of Lung Cancer using Convolutional Neural Network	Apoorva Kashi, Mohammad Misran, Kirtana sridharan, Nikitha S	
	NCCT191	Real time forecasting of stock prices and market risk analysis using deep learning models	Anagha, Adwaith NS, Prajval S, Pradyumna D S	
	NCCT204	Lip Movement Recognition and Conversion to Text	Akshata Kulkarni, Saloni Kumari, Sambhrama G, Sinchana Chandrashekar	
	NCCT214	A Review on Various Object Detection Technique	Akash Anand, Anubhav Sinha, Shivam Kumar, Soham Maity, Hema N	
	NCCT217	Forest Fire and Smoke Detection Using Yolo algorithm	Anil, Darshan SK, Deepak C, Gangadhar Adi, Mr. Santhosh Kumar S K	
	NCCT220	Securing Online Transaction Using Face Recognition	Adithi V Kempadala, Sushmitha N, Rashmi C	

Session 5 Schedule – 006 (Ground Floor)

Venue		Paper Title	Author(s)	Session Chairs	Coordinator
Room 006 (Ground Floor)	NCCT105	IoT Based Smart Cradle System for Baby Monitoring	Jirge Manasi Nagesh	Dr. Vijayalakshmi KSIT (External) & Dr. Ohileshwari M S ECE Dept (Internal)	Prof. Sudha V (9035416816)
	NCCT116	Home Automation and Security System Using Computer Vision	Aditya Bhandarkar R, Ashish S Chandan, Chaitra P, Monisha P, Dr. H.R. Shashidara		
	NCCT139	IoT Weather Forecasting using AR Model	K E Krishna Prasad, Karthik G Dath, Pushpa T S, Shailaja K P		
	NCCT156	Remote Health Monitoring	kiran S, Vinay N C, Bharath Y G, Rafiya Sultana		
	NCCT201	Automatic counter of real time people entry exit	Manjunatha P R, Lakshmi B, Mythili S		
	NCCT203	Intelligent Traffic System Using IoT	Varun DS, Ronak H Rathod, Samarth R Aithal, Ullas S Rao		
	NCCT207	Smart and Secure Living	Kusuma R, Vidyashree E, Rakshitha R, Sushmitha N J, Pooja B R		
	NCCT213	A Hybrid Optimization Algorithm and Shamir Secret Sharing Based Secure Data Transmission for IoT based WSN	Abhisheak, Nischal, Preethan, Syed		
	NCCT216	Drowning Detection	Shivam Paliwal, Rayan Bhattacharjee, Varun Kumar, Siddharth Godbole		

Session 6 Schedule – 104 (First Floor)

Venue	Paper Title	Author(s)	Session Chairs	Coordinator	
Room 104 (First Floor)	NCCT104	Credit Card Fraud Detection using Machine Learning	Indushree D M	Dr. Venugeetha DBIT (External) & Dr. Rajini Narayan MCA (Internal)	Prof. Kavya T C (9650531398)
	NCCT107	The Future of Transport -Hyperloop	K Vaishnavi Rao		
	NCCT137	Brain Machine Interface	Rakshitha S, Lavanya G, Pooja B P		
	NCCT117	Prediction of Air pollution causing pollutants for Bengaluru Environment using Machine Learning	Mrs. Vashasvi B N,Pranav M Rao, Vighnesh K R , Sandhu, Santosh		
	NCCT152	Emotion Based Music Player	Varsha S, Shamshad Begum Maruf,Rakshitha B J, Prassidhi B		
	NCCT154	Insurance Charges Prediction Using Machine Learning	Mohamed hanafy, Omar M. A. Mahmoud		
	NCCT157	Crop Price Prediction	Dhanush V, Hrithik K, Chandan S, Adithya Parashar B M		

Session 7 Schedule – Hi-Tech Lab (First Floor)

Venue		Paper Title	Author(s)	Session Chairs	Coordinator
Hi-Tech Lab (1st floor)	NCCT165	Impact Of Artificial Intelligence in Health Sector	Nimishamba G, Sushma M	Dr. Satish Kumar T BMSCE Dr. Rajini Narayan MCA	Prof. Kavya T C (9650531398)
	NCCT166	Smart bot application in education fiels	Ramya KR / Roopa HM		
	NCCT167	Text Analyitcs In Natural Language Processing	Rahul H S, Roopa H M		
	NCCT172	AI Based Online Proctoring System	Pranjali R, Vinutha, Sinchana KP, Pavitra TH		
	NCCT187	Conversational AI and Artificial Neural Networks	Anagha P Dixit, Amrutha S Rao, Padmachandana N, Smrithi S		
	NCCT249	Pattern Matching Algorithms for Retrieving Information from Web Documents	Mahesh		
	NCCT161	Detecting Drowsiness for Driver	Chirag M , Hemanth D , Hithesh P , Kavitha J.		

Session 8 Schedule – ISE Lab 3 (First Floor)

Venue	Paper Title	Author(s)	Session Chairs	Coordinator
ISE - Lab 3 (First Floor)	NCCT205	Underwater Image Refinement for Visual Perception	Shwetha G N, Shreya Uday Hasyagar, Supriya Alavala, Vaishnavi S M	<p style="text-align: center;">Dr. Bindhya M K SJBIT (External) & Dr. Archana R Kulkarni ECE Dept (Internal)</p> <p style="text-align: center;">Prof. Vinutha G K (9986119858)</p>
	NCCT208	Automated System for Examination and Intelligence Evaluation	Abhilasha A, Bhoomika Nr, Jyothsna D, Mansi Kaushik, Kusuma R	
	NCCT223	Converse Dictionary	Ashish Ranjan, Harsh Gupta, Amritha kandiyil, Divya singh, Vinutha G.K.	
	NCCT226	Attendance management using face recognition and fingerprint	Abhishek Choudhary, Anshuman Narayan, Arnav Kumar, Karishma Singh, Prakash S.	
	NCCT228	The Diagnosis of an Cervical Cancer Using Machine Learning	H. N. Luu, K. R. Dahlstrom, P. D. Mullen, K. Tziridis, T. Kalampokas, G. A. Papakostas.	
	NCCT231	Inventory Management Using Machine Learning Algorithm	Sathwik N K, Sathwik Somayaji S, Vibhav Suresh Joshi	
	NCCT233	Intelligent Smart Chatbot for College	Sahana S Bhat, Rashmi Dattatraya Bhat	
	NCCT148	Approaches to Stock Price Prediction	Sai Yuvaraj Patil, N S Pratheek, Trayees B, Ravindra Babu G	

Session 9 Schedule – Seminar Hall (2nd Floor)

Venue	Paper Title	Author(s)	Session Chairs	Coordinator
CSE Seminar Hall (2 nd Floor)	NCCT241	WhatsApp Chat Sentimental Analysis	Abhinav Kumar, Abhishek Kumar Singh, Mahima Mahendru, Ayush Raj, Devaraju B. M.	Dr. Chethana R Murthy RVCE (External) & Dr. Mamatha G ISE Dept (Internal) Prof. Karthik S Chouri (9886032316)
	NCCT242	Network Anomaly Detection using Random Forest Classifier	M G Deepthi , Devaraju B M , Anjan Kumar K N	
	NCCT244	Twitter Sentiment Analysis	Praveen Kumar Pandey , Pratik Garg , Yash Somani , Kushagra Dwivedi , Shrinivas Biradar	
	NCCT254	Immersive Story Telling Using Virtual Reality	Dr. Mamatha G, Sharanya J, Shreelakshmi M Joshi, Vaidehi V Lakshe, Varsha T	
	NCCT186	Helmet and Number Plate Detection	Harshit Jain, Divyanshu Kumar, Britisha Binod Prasad, Anushri Malli, Shreedevi Suresh	
	NCCT229	Monitoring of plant growth which helps smart agriculture through IOT	Pavan S, Nandan Jayant Hegde	
	NCCT131	Object Placement Using Augmented Reality	P Harshith Giri, Pranav Ram A, Supritha N, Nidhi D Shastri	

Session 10 Schedule – 301 (Third Floor)

Venue	Paper Title	Author(s)	Session Chairs	Coordinator
Room 301 (Third Floor)	NCCT132	Finding Psychological Instability For Working People Using ML	Prof. Manjula L, Sanskrithi, Pooja Rajeev, Yashaswini N, Anusha B	Dr. Prabhavathi C N ECE Dept & Dr. Sree Vidya DS Dept (Internal) Prof. Jyothi T (9740790387)
	NCCT135	Gesture Detecting Smart Watch for Elderly and Physically Challenged	Bhavana T, Devashree A, Muskaan Kousar D, Namrata Basutkar	
	NCCT140	Arya S, Aryan Raj, H S Nitya Somayaji, Kunjar Nikitha, S Mamatha Jajur	Voice Based Email for Blind	
	NCCT141	UKTHI-A Sign Language Automation Tool	Sampada K S, Vibha V, Vinamra, Wasim Majid Malik, Vanmathi S	
	NCCT153	StressOpress- A depression detection tool.	Rhythm Khatri, Varun Agarwal, Avishek Gupta, Uzair Farooq, Vidya Y	
	NCCT170	Mental Health Tracker	Ajay Singh, Ankit Kumar, Avinash Gupta, Manoj Kandpal	
	NCCT206	Divyang Sabalikarna	sannidhi Bhat, Krishna Daga, Rachit Tawani, Ritesh Agarwal, Kavya T C	
	NCCT225	A Detailed Survey on Recognizing Women with Depression using Machine Learning Methods	Vidya Y, Dr. Shankar Ramamoorthy, Dr. S Pravinth Raja	
	NCCT133	Implementation and Analysis of Double Linked List Sorting	Abhishek S	

Session 11 Schedule – 302 (Third Floor)

Venue	Paper Title	Author(s)	Session Chairs	Coordinator
Room 302 (Third Floor)	NCCT227	BHAVANA: The Emotion Analyzer	Kayak V Gornale, Dhaval Shrei, Mehul Gupta, Richa Singh, T S Bhagavath Singh	<p style="text-align: center;">Dr. Suresh D Professor ECE Dept & Prof. Sampada K S CSE Dept (Internal)</p> <p style="text-align: center;">Prof. Manjula L (8867234664)</p>
	NCCT236	Object Recognition and Localizing For Visually Impaired People	Akash M, Arunkumar N M, B Arunkumar, Ganesh K	
	NCCT248	COVID-19 Detection Using X-RAY Images	Samarth P C, Shashank Mv, Srinidhi Ls, Gufran Khan	
	NCCT253	COVID 19 Testing and Tracking	Pallavi N, Pooja P	
	NCCT251	Recognizing image and predicting nutritional information	Jyothsna Singh, L Sanjeetha, Srishti Srivastava, Vibha T	
	NCCT252	Emotion Based Music Player	Varsha S, Shamshad Begum Maruf, Rakshitha B J, Prassidhi B	
	NCCT247	Detection of Digital Image Forgery	Deepak M, Harshitha S M	
	NCCT188	Social Media Deception Detection	Achyuta Shastry J, Aditya C, Aman Verma, Arava Kiran	
	NCCT215	Smart Water Quality Monitoring System	Sagar A C, Shirisha S, Shwetha B, Sri Priya G	

Session 12 Schedule – 303 (Third Floor)

Venue		Paper Title	Author(s)	Session Chairs	Coordinator
Room 303 (Third Floor)	NCCT112	Advance Secure Authentication System Based on Eye Blink	Happy kirit kumar koradia, NB chaamaaraju, kakimani Harshavardhan, punithKumar R	Dr Sharada Prasad Asst. Professor EEE Dept & Prof. Nagesh B S CSE Dept (Internal)	Prof. Yashasvi B N (9480132506)
	NCCT128	Information Security using cryptography and Image Steganography	Sheelu Shibani, Vindhya Sadhand Hegde, Omprathi M, Prashasthi H.G		
	NCCT146	Student Monitoring system with Face Authentication based on NFC	Anagha T, Ananya M, Keerthana MA, Lavanya V		
	NCCT158	Steganography	Abhinav Dogra, Ashish Saini		
	NCCT126	ETHICAL HACKING	Hemanth Kumar G, Dinesh S B.		
	NCCT255	Facial Beauty Prediction Using Alexnet Model	Sushmitha G, S Satish Kumar		

Session 13 Schedule – 304 (Third Floor)

Venue		Paper Title	Author(s)	Session Chairs	Coordinator
Room 304 (Third Floor)	NCCT189	Case Study on Fraudulent Call Detection	D Bhushan, Deeksha NP, Dr Bhagyashree Ambore	Dr. Mallikarjun H M Asst. Professor E&I Dept & Dr. Bhagyashree Ambore ISE Dept (Internal)	Prof. Sanjay P K (9916069451)
	NCCT200	Framework For Operational Modelling of Hospital Resources	Ramya R Shetty, Sumanth, Prithvi, Sandesh		
	NCCT202	Abnormal Event Detection in Videos Using Spatiotemporal Autoencoder	Abhinav Soni, D Yakshitha, Hithaishini S, Ila S Raj		
	NCCT238	Network Attacks Detection Using ID3 Machine Learning Approach	Sinchana M N, Devaraju B M, G T Raju		
	NCCT239	Secured Management System for Blood Packets Distributions	Sowmya. N, Dr. H.R Shashidhara		
	NCCT250	Impact of 5G wireless technology	Swarna K N, Vinay Kumar M N		
	NCCT240	Image Steganography for Confidential Data Communication	Poornima U		

Session 14 Schedule – Edusat Hall (Third Floor)

Venue	Paper Title	Author(s)	Session Chairs	Coordinator
Edusat Hall (Third Floor)	NCCT109	BlockChain of Things(BCoT)	Keerthana M K	<p style="text-align: center;">Dr. S V Uma Professor ECE Dept & Dr. Sudhamani M J CSE (Internal)</p> <p style="text-align: center;">Prof. Sowmya N G (9663700223)</p>
	NCCT145	Product Quality Assurance	Namratha H.V, Nivedha M, Rhea Ann Bobby, Sahana S Gowda	
	NCCT209	Blockchain based patients details management system	F. BOLANI	
	NCCT218	An effective and confidential program for biometric detection of cloud computing by blockchain	Anant Dubey, Dinky Asrani, Leena Chandra, Raashil Aadhyanth, Sudha V	
	NCCT221	Secret Image Sharing and Identifying Fake Images Using Block Chain Technology	J. Winston Churchill, Omar Farooq, Lakshmi Sarvani B, Vrushab Kulkarni	
	NCCT243	Decentralization of E voting systems based on smart contracts and blind signature	Sowmya S K , Neha B S , Pallavi N , Poorvika M P , Prathima Holla	
	NCCT181	Network Intrusion Detection and Counter measure Selection in Virtual Network Systems	Shreyas H R, Sai Praneeth, Vinayaka N Adiga, Vikas V, S Satish Kumar	

Session 15 Schedule – MTech Lab (Third Floor)

Venue		Paper Title	Author(s)	Session Chairs	Coordinator
MTech Lab (Third Floor)	NCCT101	For E-Health Challenges Through Cloud Service	Pragati Prakash Lakkundi, Ranjitha R	Dr. Rajini V Honnungar Professor ECE Dept & Prof. Ramyashree CSE Dept (Internal)	Prof. Supritha N (9164629970)
	NCCT111	SaaS Model Based on Cloud Computing	Kunal Chakraborty		
	NCCT130	Online Voting system	Mrs.Soumya N G,Veerannacharya ,Vishnu V Kulkarni		
	NCCT138	Impacts of delivery charges on customers using food delivery applications	Aakanksha N Amisha Angadi ananya H Harshitha Richa Baliyan		
	NCCT254	Immersive Story Telling Using Virtual Reality	Dr. Mamatha G, Sharanya J, Shreelakshmi M Joshi, Vaidehi V Lakshe, Varsha T		
	NCCT193	Quantum Computing	Rohan Kj, Jayanth Mv, Sanjay Cm		



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Dr. R N Shetty
Founder



Certificate of Participation

Paper ID
NCCT 154

Presented to

Mr./Ms. **Dr. Girijamma H A** of **CSE** for presenting paper

entitled **INSURANCE CHARGES PREDICTION USING MACHINE LEARNING**

in the **National Conference on Computing Technology (NCCT - 2022)**, jointly organized by departments of CSE, ISE, AI&ML, and MCA held on June 30, 2022.

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Dr. Harsha S
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