

**RNS INSTITUTE OF TECHNOLOGY**  
(AICTE Approved, VTU Affiliated and NAAC 'A+ Grade' Accredited)  
(UG programs – CSE, ECE, ISE, EIE and EEE have been Accredited by NBA up to 30/6/2025)  
Channasandra, Dr. Vishnuvardhan Road, Bengaluru - 560 098  
**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**

**Report on**

**National Conference on Computing Technology (NCCT - 2023)**

The National Conference on Computing Technology – 2023 was jointly organized by departments of CSE, ISE, AI & ML and MCA, RNSIT, Bengaluru, on May 8, 2023. 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 150+ research papers, out of which 135 shortlisted papers were accepted for presentation and publications.

The conference was inaugurated on May 8, 2023 by Chief Guest Prof. P C Deshmukh, Adjunct Faculty at DSU, Bengaluru along with the Director Dr. M K Venkatesha and The Principal, Dr. Ramesh Babu H S and all Heads of the organizing departments, followed by keynote address on “Quantum Computing” by Prof. P C Deshmukh.

Total 135 papers were scheduled with 13 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 13 Sessions as listed below along with acknowledging the efforts of all coordinators and delegates. Out of all, 13 best papers were selected from each Sessions and certificates were given and all participant's participation certificates were distributed.





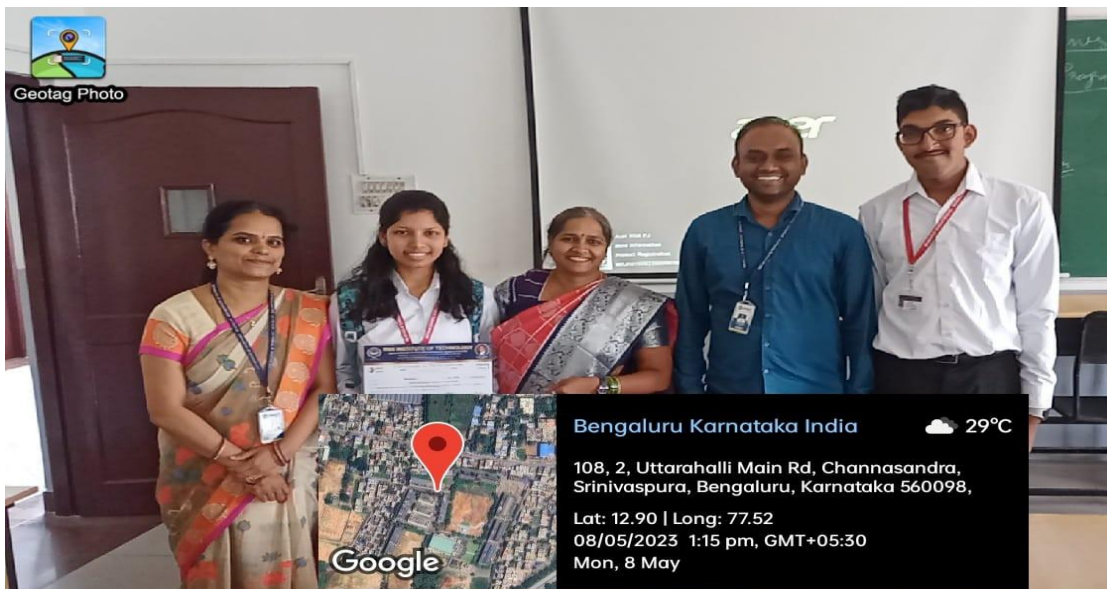




Bengaluru Karnataka India ☁ 29°C  
108, 2, Uttarahalli Main Rd, Channasandra,  
Srinivaspura, Bengaluru, Karnataka 560098,  
Lat: 12.90 | Long: 77.52  
08/05/2023 1:11 pm, GMT+05:30  
Mon, 8 May



**Bengaluru, Karnataka, India**  
WG29+M2X, Channasandra, Srinivaspura, Bengaluru, Karnataka  
560098, India  
Lat 12.902042°  
Long 77.517407°  
08/05/23 01:10 PM GMT +05:30



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<b>Session Number</b>	<b>Best Paper Title</b>
Session-1	Facial Emotion Recognition Using Deep Clean
Session-2	Morse Code Based Secured Authentication System
Session-3	Fund Management Using Blockchain
Session-4	Developing Mental Health Community Chatbot
Session-5	Physical Exercise Form Correction Using Video Processing
Session-6	Age And Gender Detection And Age Transformation
Session-7	A Deep Learning Approach For Automated Detection And
Session-8	Ai Proctoring
Session-9	A Smart Iot Enabled Self Defense Gadget Designed
Session-10	Image Caption Generation Using Deep Learning
Session-11	Hand Gesture Based System Interaction
Session-12	Determination And Diagnosis Of Pcos
Session-13	Third Eye-An Assistant For Visually Impaired



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**NCCT- 2023**  
**May 8<sup>th</sup> - 2023**  
**Programme Schedule**

<b>Timings</b>	<b>Programme</b>
9.30 AM – 10.15 AM	<b>Inauguration</b>
10.15 AM – 11.00 AM	<b>Keynote Address</b>
11.00 AM – 11.15 AM	<b>Tea Break</b>
11.15 AM – 1.00 PM	<b>Paper presentation: Session 1 to 13</b>

**Inauguration Agenda**

<b>Timings</b>	<b>Programme</b>
09.30 AM - 09.35 AM	<b>Invocation:</b> - <b>Madhura P</b>
09.35 AM - 09.40 AM	<b>Welcome address:</b> - <b>Dr. Ramesh Babu H S, Principal, RNSIT</b>
09.40 AM - 09.45 AM	<b>Floral tribute &amp; Lighting the Lamp</b> - <b>Dignitaries</b>
09.45 AM - 09.50 AM	<b>Overview of NCCT 2022:</b> - <b>Dr. Kiran P, HoD, CSE Dept.</b>
09.50 AM - 10.00 AM	<b>Introduction of Chief Guest:</b> - <b>Dr. Kavya N P, HoD, MCA Dept.</b>
	<b>Address by Chief Guest:</b> - <b>Prof. P C Deshmukh</b>
10.00 AM - 10.05 AM	<b>Address by the Principal</b>
10.05 AM - 10.10 AM	<b>Presidential address:</b> - <b>Dr. M K Venkatesha, Director, RNSIT</b>
10.10 AM - 10.15 AM	<b>Concluding Remarks:</b> - <b>Dr. Suresh L, HoD, ISE Dept.</b>

**MC:** Ms. Anupama



Estd : 2001

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## DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Sessions Schedule						
Timings/ Sessions No./ Room No.		Paper IDs	External Session Chair	Internal Session Chair	Coordinators	
11.00 am - 01.00 pm	1	201	PC154,PC102,PC103,PC104, PC105,PI201,PI202,PI203,PI204, PM301,PM303,PM304	Dr. Jalaja - BNMIT (9019431845)	Dr. Hemanth S (7259794911)	Rekha B (8123784256)
	2	202	PC106,PC107,PC108,PC109,PI206,PI207,PI208,PI209,PM305, PM306,PM307	Dr. Rajashekar Murthy - RVCE (8073645174)	Dr. Bhavanishankar K (8105877178)	Meenakshi S J (9916574225)
	3	203	PC110,PC111,PC112,PC114,PI210,PI211,PI212,PI213,PI214, PM308,PM310	Dr. Mamatha - RVCE (9886311120)	Dr. Anjan Kumar K N (9886658236)	Supritha N (9164629970)
	4	204	PC115,PC116,PC117,PC118,PC119,PI215,PI216,PI217,PI218, PM312,PM313	Dr. Rekha - KSIT (9740295819)	Dr. Sudhamani M J (9886654349)	Savitha T (9060171760)
	5	205	PC120,PC121,PC122,PC123,PI219,PI220,PI221,PI222,PI223,PM318, PM319	Dr. Vijayalakshmi Reddy - KSIT (9986168811)	Dr. A N Ramya Shree (8974896318)	Saravana M K (9964961674)
	6	206	PC124,PC125,PC126,PC127, PC128,PI224,PI225,PI226,PI227, PM321,PM322	Dr. Gopalakrishna - SJBIT (8660744196)	Dr. Sreevidya (9972866183)	Anupama P M (9380746567)
	7	311	PC129,PC130,PC131,PC132, PC133,PI228,PI229,PI230,PI231, PM324,PM325	Dr. Chaya Devi - BNMIT (9164739967)	Mr. T S Bhagavath Singh (8095750360)	Ms. Chaitra S - ISE (9591583444)
	8	Seminar Hall	PC134,PC135,PC136,PC137, PI232,PI233,PI234,PI235,PI236, PM327,PM329	Dr. Sridvidya - BNMIT (9620476339)	Dr. Prakasha S (9845236748)	Miss. Aishwarya G - ISE (8217736468)

9	Hi-Tech Lab 117	PC139,PC140,PC141, PC142,PI237,PI238,PI239,PI241, PI242, PM331	Dr. Sneha - Great Learning (9845693358)	Dr. Hema N (9164312114)	Ms. Purnima S Mittalkod - ISE (9663323284)	
10	104	PC143,PC144,PC145,PC146, PC147,PI244,PI245,PI246,PI247, PI248,PI49, PM333	Dr. Kanagavalli - GAT (9845117178)	Dr. Nirmalkumar S Benni (9880420837)	Ms. Kavitha B - ISE (9686138317)	
11	110	PC148,PC149,PC150,PC151, PI250,PI251,PI252,PI253, PM336 PM337, PM320	Dr. Pillai - ACS (9964144757)	Dr. Rama Satish K V (9844329766)	Ms. Ashwini K - AIML (97424 03518)	
12	012	PC101,PC152,PC153,PI205, PI254,PI255,PI256, PM338, PM323, PM330, PM314	Dr. RAJANI NARAYAN (80502622021)	Dr. Nagesh B S (9844032238)	Ms. Kavyashree H L - AIML (78920 21536)	
13	013	Pc138,PC143,PM311, PC102, PC106, PC110, PC115, PI224, PI228, PI234, PM336	Dr. Azra - RVCE (9886923829)	Prof. Vishwanath Murthy ( 9844340356)	Ms. Pooja M - AIML (96633 61310)	





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**NCCT- 2023**  
**Session 1 Schedule – Room No. 201**

Venue	Paper Title	Author(s)	Session Chairs	Coordinator	
Room 201 (Second Floor)	PC103	NO PARKING CHALLAN GENERATOR USING IMAGE PROCESSING	Dr. Anjan Kumar K N, Chirashish Jeena, Drushya Prasanna, Priyanshu Pandey	Dr. Jalaja - BNMIT (9019431845)  Dr. Hemanth S (7259794911)	Rekha B (8123784256)
	PC104	FARM GUIDE: MACHINE LEARNING BASED CROP RECOMMENDATION AND PLANT DISEASE DETECTION SYSTEM	Dr. Bhavanishankar K, Acheta Tangade. Adyatha G U, Moulia K M, G V Sai Roshan		
	PC105	SOLVING HANDWRITTEN MATHEMATICAL EQUATIONS USING NEURAL NETWORK TECHNIQUES	Dr. Sreevidya R C, Archana C Wadhwa, Hetvi Nilesh, Natvarlal Aditi V Joshi, Gagana V		
	PI201	SMART ATTENDANCE SYSTEM USING OPENCV BASED ON FACIAL RECOGNITION	Dr. Suresh L, Kanchana Bhat, Lakshmi Meghana Kudapa, Manoj K S, Prajwal K		
	PI202	BLENDER BOT 3.0	Dr. Sathish Kumar S, Amrutha S Rao, Anagha P Dixit, Ananya DG, Ashrya Verma		
	PI203	IMAGE AND VIDEO COLORIZATION USING NOGAN	Dr. S Sathish Kumar, Dravyashree M, Aditya D, Ramichetty Jaswanth, Ritika Indrakumar		
	PI204	FACIAL EMOTION RECOGNITION USING DEEP CNN	Dr. S Sathish Kumar, Deethya J Reddy, Athira Rajeev, S Rakshitha, Akshay P		
	PM301	A SECURE AND EFFICIENT METHOD FOR DATA ENCRYPTION AND DECRYPTION	Nimisha S, Mahalakshmi G, Dr. Kavya N P		
	PM303	SAFETY AND SECURITY ALERTING IN SMART HOMES	K. Chennakshava, Bhoomika.J, Dr. Kavya N P		
	PM304	WEB DESIGNING	Meghana.R, Bhoomika.K, Dr. Kavya N P		
	PC154	COMPARATIVE STUDY OF PERFORMANCE OF IC ENGINE USING ML TECHNIQUES	Mukesh, Manjunath, Puneeth, Chandrashekar		

## Session 2 Schedule - Room No. 202

Venue	Paper Title	Author(s)	Session Chairs	Coordinator	
Room 202 (Second Floor)	<b>PC107</b>	NETWORK ATTACK DETECTION USING MACHINE LEARNING ALGORITHMS	Prof. Devaraju B M, Amrutha A B, Disha Ramesh Manoj N R, Shashank D R	Dr. Rajashekar Murthy - RVCE (8073645174) Dr. Bhavanishankar (8105877178)	Meenakshi S J (9916574225)
	<b>PC108</b>	SELF DRIVING AI CAR	Dr. Kiran P, Akshay Karthik, Anant Vikram Singh, Anubhab Saha, Astitva Singh		
	<b>PC109</b>	CROWD DENSITY ESTIMATION USING CONVOLUTIONAL NEURAL NETWORK	Prof. Vidyarani K, Anusha, Meghana G N, Nirali D Bafna, Prathika M H		
	<b>PI206</b>	MORSE CODE BASED SECURED AUTHENTICATION SYSTEM THROUGH ARTIFICIAL INTELLIGENCE	Ms. Chaitra S, Skanda G Bharadwaj, Rushwanth K, Supreeth A, Rohith Kumar H K		
	<b>PI207</b>	A DEEP LEARNING FRAMEWORK DEVISED FOR IDENTIFYING DIABETES WITH THE AID OF RETINAL IMAGES	Mr. T S Bhagavath Singh, Karthik Raj R, M Balakrishna Kamath, Arjun V Adiga, Jafer Sadiq		
	<b>PI208</b>	AYUSHYASIRI	Mr. T S Bhagavath Singh, Sathvik S, Sumit Kushwaha, Akanksha Mishra, Saumya Shukla		
	<b>PI209</b>	SMART PARKING SYSTEM BASED ON IOT AND CLOUD COMPUTING	Dr. Prakasha S, Y Sai Keshav Reddy, Sidhant Malik, Jyothiraditya M, Sai Srinivas S S		
	<b>PM305</b>	IMPACT OF ARTIFICIAL INTELLIGENCE IN HEALTH CARE	Ananya Nagaraj, Kiran K, Dr. Kavya N P		
	<b>PM306</b>	AI REVOLUTIONIZES ONCOLOGY RESEARCH	Chittari Ramya Sai, Dr. Rajani Narayan		
	<b>PM307</b>	ARTIFICIAL INTELLIGENCE APPLICATIONS FOR VISUALLY IMPAIRED PEOPLE	Apeksha BK, Dr. Rajani Narayan		

## Session 3 Schedule – Room No. 203

Venue	Paper Title	Author(s)	Session Chairs	Coordinator
Room 203 (Second Floor)	<b>PC111</b>	JARVIS : AN INTELLIGENT ASSISTANT	Dr. Hemanth S, Balesh S, Chetak G, Chandan T S, Dheeraj S	Dr. Mamatha - RVCE (9886311120) Dr. AnjanKumar K N (9886658236) Supritha N (9164629970)
	<b>PC112</b>	SMART WAREHOUSE: STREAMLINING OPERATIONS AND MAXIMIZING EFFICIENCY WITH AN AUTOMATED WAREHOUSE MANAGEMENT SYSTEM	Prof. S Mamatha Jajur, Allaparthi Sharon Kumar, Darga Noor Mohammed Ali, G Monika Chowdary, Gali Keerthi Reddy	
	<b>PC114</b>	PLACEMENT PREDICTION MODEL USING MACHINE LEARNING	Prof. Vidya Y, Arun R, Chirag N V, Jeevan S Hedge, Hemasagar S	
	<b>PI210</b>	COMPUTER VISION AND ML BASED UNOBTRUSIVE ATTENDANCE SYSTEM	Dr. Prakasha S, Amogh S Purohit, Gokul krishna V, Chandan Parmar, Danush	
	<b>PI211</b>	PRIVATE SOCIAL COMMUNICATION APPS DECENTRALISED CONNECTIVITY SERVICE	Dr. R Rajkumar, Priyanshu Kumar Singh, Priyasha Parnavi, Shailja Bhaskar, Shristy Bhardwaj	
	<b>PI212</b>	ANALYSIS OF MENTAL WELL-BEING OF A PERSON USING DATA SCIENCE	Ms. Kavya T C, Prema M, Meghanarani T N, Mounashree N	
	<b>PI213</b>	FUND MANAGEMENT USING BLOCKCHAIN	Ms. Kavya TC, Piyush Jain, Manu.R	
	<b>PI214</b>	BLOCKCHAIN BASED AUTONOMOUS DECENTRALIZED ONLINE SOCIAL NETWORK	Mr. Ravi Kumar S G, Neha Narayan Nayak, Akanksha, Akriti Singh	
	<b>PM308</b>	DEEP FAKE	Br Brijesh, Dr. Rajani Narayan	
	<b>PM310</b>	ARTIFICIAL INTELLIGENCE IN NEUROLOGY	Dhanush Vishwamitra B M, Sumukha Nidhi B , Vishwanath V Murthy	

## Session 4 Schedule – Room No. 205

Venue	Paper Title	Author(s)	Session Chairs	Coordinator	
Room 204 (Second Floor)	<b>PC116</b>	BREAST CANCER TREATMENT PREDICTION USING MACHINE LEARNING	Prof. Soumya N G, Harshith K, Ishika Rastogi, Krishna Sai Sumanth,	Dr.Sudhamani M J (9886654349)  Dr. Rekha - KSIT (9740295819)	Savitha T (9060171760)
	<b>PC117</b>	COUNTERFEIT PRODUCT IDENTIFICATION USING BLOCKCHAIN TECHNOLOGY	Dr. Bhavanishankar K, Khushi Singhanian, Rishabh Rao, O.A.Devashish Kumar, R. Rakshith		
	<b>PC118</b>	HEALTHCARE MANAGEMENT WITH DISEASE PREDICTION	Prof. Ranjith V, Shubham Raj, Vishal Kumar, Shashank Upadhyaya, Sushritha Bharadwaj		
	<b>PC119</b>	A COMPARATIVE STUDY ON ACCURACY OF DIFFERENT TEXT CLASSIFICATION ALGORITHMS	Dr. Sampada K S, Shwetha, Sripradha, Supreetha S, Tejaswini B M		
	<b>PI215</b>	DEVELOPING MENTAL HEALTH COMMUNITY CHATBOT USING DIALOGFLOW	Ms. Sudha V, Ankith S Vaidya, Divya A Baragi, Anusha Shankar, Bhavana Venkatesh		
	<b>PI216</b>	SMART COLLEGE ATTENDANCE SYSTEM	Ms. Poornima S M, Vasu subbannavar		
	<b>PI217</b>	GENDER AND AGE DETECTION USING CNN	Ms. Shyla N, Amogha, Akshay M L, Chethan Gowda S M, Somesh R		
	<b>PI218</b>	TWO-LAYER AUTHENTICATION SYSTEM USING EYEBLINK AND OTP	Dr. R Rajkumar, Yash J Kampli, Sachin S Thokala, Shamanth KR		
	<b>PM312</b>	IMPACT OF ARTIFICIAL INTELLIGENCE IN BREAST CANCER	Dhanvika HA, Vishwanath V Murthy		
	<b>PM313</b>	CLASSIFICATION OF RESUMES BY MACHINE LEARNING METHODS TO SOLVE COMPLEX ISSUES IN HUMAN RESOURCING	Deepak Kumar C V, Vishwanath V Murthy		



## Session 5 Schedule – Room No. 205

Venue	Paper Title	Author(s)	Session Chairs	Coordinator	
Room 205 (Second Floor)	<b>PC120</b>	TRAFFIC SIGN RECOGNITION USING MACHINE LEARNING	Prof. Soumya N G, Piyush Kumar Singh, Sachin Kumar Munna, Suchetha S, Sunayana J Bharadwaj	Dr. Vijayalakshmi Reddy - KSIT (9986168811)  Dr. A N Ramya Shree (8974896318)	Saravana M K (9964961674)
	<b>PC121</b>	LANDMARK RECOGNITION USING MACHINE LEARNING	Prof. K Sunil Kumar, Shreyas G, Sourabh Lachyan, Sunilkumar M Patil, Vijet Gaonkar		
	<b>PC122</b>	MUSIC GENERATION USING DEEP LEARNING	Dr. Sampada K S, Vignesh V Bhat, Buchchan Tishya Tripathi, Suraj K H, Shashank M		
	<b>PC123</b>	HUMAN ACTIVITY RECOGNITION	Dr. Girijamma H A, Surya Dutta P, Vaibhav N, Sandesh T, Tarrun Krishna		
	<b>PI219</b>	PHISHING WEBSITE DETECTION PLUGIN	Dr. Hema N, Akshay V Kaushik, Harsha D, Joshita Atmakuri, Nischita CN		
	<b>PI220</b>	INTELLIGENT WASTE CLASSIFICATION SYSTEM	Dr. Hema N, Bindushree BN, Harshini A, Kruthika DV, Mridula BR		
	<b>PI221</b>	SUMMARIZATION OF MEDICAL HISTORY OF A PATIENT USING NLP	Dr. Mamatha G, Varun .P, Shalini S, Rutvick Sreedhar		
	<b>PI222</b>	DEEPFAKE FACE CREATION AND DETECTION USING DEEP LEARNING	Ms. Vinutha G K, Aniruddh Sachdev, Manoj Kumar D V, Mayur B N, Aprameya S V		
	<b>PI223</b>	PHYSICAL EXERCISE FORM CORRECTION USING VIDEO PROCESSING	Mrs. Sunitha K, Sachin K Rao, Rohan Sanjay Savalgi, Vineet K S, Nikita Pyati		
	<b>PM318</b>	QUANTUM DATA: JOURNEY OF DATA SCIENCE INTO THE QUANTUM REALM	Kushal P, Hemanth Kumar G		
<b>PM319</b>	ARTIFICIAL INTELLIGENCE APPLICATIONS IN MILITARY SYSTEMS	Naman Kumar, Raghu Prasad K			

## Session 6 Schedule – 206 (Second Floor)

Venue	Paper Title	Author(s)	Session Chairs	Coordinator	
Room 206 (Second Floor)	<b>PC124</b>	AGE AND GENDER DETECTION AND AGE TRANSFORMATION PREDICTION USING DEEP LEARNING TECHNIQUES	Prof. Rekha B, Trupthi H P, Madhura, Sridevi S Kanachur, Sharanya G	Dr. Sreevidya (9972866183)  Dr. Gopalakrishna - SJBIT (8660744196)	Anupama P M (9380746567)
	<b>PC125</b>	EMOTIONAL ANALYSIS USING DEEP LEARNING	Prof. Nagesh B S, Aditi Singh, Nancy Kumari, Varshini P, Yashi Garg		
	<b>PC126</b>	LANE DETECTION FOR AUTONOMOUS DRIVING	Prof. Nagesh B S, Srinivas Keshava Murthy, Tejas Venkatesh Vasisht, Varunalingam P.M, Vikhyat Vinod Kumar		
	<b>PC127</b>	IOT BASED AIR QUALITY MONITORING SYSTEM	Prof. Savita T, Anusha M, Arsath Ahmed S, Chandana G, D.Likith		
	<b>PC128</b>	VIRTUAL MOUSE CONTROL USING HAND GESTURE RECOGNITION AND VOICE ASSISTANT	Prof. Yashasvi B N, Nitheesh Shetty, Nitish K, Rakshith B K, Rajatha Bangera		
	<b>PI225</b>	ROBO CARE	Dr. Suresh L, Anagha M H, Ashwini L, Chaitrika M Bhat, M B Bhavana		
	<b>PI226</b>	REMOTE HEALTH MONITORING SYSTEM USING IOT	Ms. Kavitha B, Sanskar Jaiswal, Pranav Raj, Sejal Anand, Tanvi Jain		
	<b>PI227</b>	INDIAN SIGN LANGUAGE DETECTION USING MACHINE LEARNING	Dr. Mamatha G, Adithya R Pai, Abhaya Simha S P, Chinmay Hegde, Rakshita S		
	<b>PM321</b>	SERVERLESS WEB DEVELOPMENT ARCHITECTURE	Nirupama kori, Raghu Prasad K		
	<b>PM322</b>	NATURAL LANGUAGE PROCESSING AND ITS APPLICATIONS	Adithya NV, Keshava P, Raghu Prasad K		

## Session 7 Schedule – 311 (Third Floor)

Venue	Paper Title	Author(s)	Session Chairs	Coordinator
311 Lab (Third Floor)	<b>PC129</b>	AUDIO DE-NOISING OF REAL TIME SPEECH SIGNAL	Dr. Girijamma H A, Tejaswini S, Seresha L V, Sandhya V, Vijayalakshmi C	Mr. T S Bhagavath Singh (8095750360)  Dr. Chaya Devi - BNMIT (9164739967)  Ms. Chaitra S (9591583444)
	<b>PC130</b>	REAL ESTATE VALUE PREDICTION USING LINEAR REGRESSION	Prof. Supritha N, Keshav Daga, Prakhar Singh, Rounak Agarwal, Aditya Shrivastava	
	<b>PC131</b>	A DEEP LEARNING APPROACH FOR AUTOMATED DETECTION AND SEGMENTATION OF SOLAR PANELS IN AERIAL IMAGERY	Dr. Hemanth S, Manoj J, Sagar S Heera, Shashank J, Vishwanath M	
	<b>PC132</b>	SENTIMENT ANALYSIS	Dr. Sudhamani M J, MD. Akram Ali, Nishank Panecha, Ricky Kumar, Sarthak Tyagi	
	<b>PC133</b>	SALES FORECASTING AND PREDICTION	Meenakshi S J, Khushi Pai, Moonisah Batool, Nitya Ravi, Ruchira Surendra	
	<b>PI229</b>	TRANSPARENT CHARITY SYSTEM USING BLOCK CHAIN TECHNIQUE	Mrs. Sunitha K, Shreya V Bhat, Tanishq Dadhich, Smrithi S	
	<b>PI230</b>	VOICE BASED EMAIL SYSTEM FOR VISUALLY IMPAIRED PERSON	Dr. R Rajkumar, Yuktha Y, Harish M, Dekshith D, Anusha Patil	
	<b>PI231</b>	SMART CROP PROTECTION SYSTEM	Dr. Prakasha S, Avinash Anand, Abhinandan Kumar, Mohit Kishan, Ashwit Patel	
	<b>PM324</b>	CRIME PREVENTION USING CYBER SECURITY	G Ananya Datt Revankar, Preethi L C, Roopa H M	
	<b>PM325</b>	CLOUD ENVIRONMENT MECHANISM IN IDENTITY AND ACCESS MANAGEMENT	Neha M, Pooja A, Roopa H M	

## Session 8 Schedule – Seminar Hall (Second Floor)

Venue		Paper Title	Author(s)	Session Chairs	Coordinator
Seminar Hall (Second Floor)	<b>PC134</b>	REVOLUTIONIZING JOB SEARCHES: SKILL-BASED JOB RECOMMENDATION PORTALS	Prof. Lakshmi R, M Likhith Varma, K Raghu Lochan, Mahima N Shah, Namratha J	Dr. Srividya - BNMIT (9620476339)  Dr. Prakasha S (9845236748)	Ms. Aishwarya G (8217736468)
	<b>PC135</b>	AI PROCTORING	Dr. N P Kavya, Mamatha Loganath, Nanditha R P Sangeetha U , Sneha Shree N		
	<b>PC136</b>	MEDIAPIPE BASED FITNESS MONITORING SYSTEM	Prof. Sanjay P Kalas, Akshatha K, Eshaani Bhandary, Nihal M		
	<b>PC137</b>	THIRD EYE-AN ASSISTANT FOR VISUALLY IMPAIRED	Dr. Ramyashree A N, Rakshitha K, Priyanka B A, Nishanth R		
	<b>PI232</b>	A SECURE BLOCKCHAIN BASED EVENT DETECTION AND TRUST VERIFICATION	Dr. R Rajkumar, Ramya A, Vyshak V Chitlur		
	<b>PI233</b>	DECENTRALIZED FINANCE (DEFI) POWERED BY BLOCKCHAIN TECHNOLOGY	Dr. Bhagyashree Ambore, Satyam Kumar Jha, Shresth Bihari, Ayush Anand		
	<b>PI235</b>	DETECTION OF PHISHING SITES BASED ON URL AND HTML USING CNN-LSTM	Dr. Hema N, Nayana K R, Abhishek Maradi M, Santhosh B V, Sumukh P Bharadwaj		
	<b>PI236</b>	TEXT TO IMAGE AND SPEECH SYNTHESIS FOR IMPROVED IMAGE CAPTIONING USING GAN	Ms. Vinutha G K, Aishwarya KG, Aishwarya A, Anjali K S, B Kavya		
	<b>PM327</b>	NEURALINK - SYMBIOSIS WITH AI	Rajath Arikeri, Nizamuddin, Roopa H M		
	<b>PM329</b>	DARK WEB RESEARCH AND ANALYSIS	Pampapathi A Vemali, Satwik R M, Jyothi T		



## Session 9 Schedule – Hi-Tech Lab (1<sup>st</sup> Floor)

Venue	Paper Title	Author(s)	Session Chairs	Coordinator
PC139	DRISHTI - A VISION FOR THE BLIND	Dr. Kiran P, Reetu Raj Dubey, Ayush Raina, Divyanshu Tiwari, Mohammed Affan	Dr. Sneha - Great Learning (9845693358)  Dr. Hema N (9164312114)	Ms. Purnima S Mittalkod - ISE (9663323284)
PC140	SUPERSENSE - ML ASSISTANCE TOOL FOR DUMB AND DEAF	Prof. Devaraju B M, Sanjana.R, Sanjana.G, P Asritha Sai, PoojaB.R		
PC141	A REVIEW ON NETWORK INTRUSION DETECTION FOR IOT USING MACHINE LEARNING AND DEEP LEARNING TECHNIQUES	Prof. Chethana H R, Satvik G S, Varun Vishnu Murthy Thantry, Yeshwanth N, Yeshwanth P L		
PC142	IOT BASED PLANT MONITORING	Prof. Devaraju B M, Shamitha B S, Sinchana H M, Sneha N S, Logesh S		
PI237	DEEP NEURAL FRAMEWORK FOR CONTINUOUS SIGN LANGUAGE RECOGNITION BY ITERATIVE TRAINING	Ms. Shyla N, Vishal Veeraraj Shetty, Suprith Satish Yash S Sindhe, Vijay Payyavula		
PI238	A SMART IOT-ENABLED SELF-DEFENSE GADGET DESIGNED TO ENHANCE WOMEN'S SAFETY AND SECURITY	Dr. Suresh L, Vivek Singh, Sumant Kumar Yadav, Abhishek Kumar Gupta		
PI239	LI-FI BASED AUTOMATIC TRAFFIC SIGNAL CONTROL FOR AMBULANCE	Ms. Vanishri S, Amardeep Kumar , Amartya , Anushka Jaiswal, Devendra Upadhyay		
PI241	ADVANCED SECURITY FOR NFTS ON THE INTERNET COMPUTER (ICP) BLOCKCHAIN	Dr. Nirmalkumar S Benni, Phanish S N, Neeraj Skanda B R, Nidish G, R.G.Manvitha		
PI242	HAND GESTURE CONTROLLED VIDEO PLAYER USING OPENCV AND PYTHON	Mr. Ravikumar S G, Hemanth Kumar M, Shreya Shetty, Shiksha S Shetty, Suchith S Shetty		
PM331	USE OF NLP IN EDUCATION	Raju B.,Jyothis T		
PM333	BLOCKCHAIN AS A PLATFORM FOR SECURE CLOUD COMPUTING SERVICES	Naveen S L Gowda, SRIDHARA N,Jyothis T		

## Session 10 Schedule – 104 (First Floor)

Venue	Paper Title	Author(s)	Session Chairs	Coordinator	
104 (First Floor)	<b>PC144</b>	EMOTION RECOGNITION WITH AUDIO, VIDEO: A DATASET AND BASELINE APPROACHES	Prof. Yashasvi B N, Gowri R, Gowthami S, Bindushree M, Guruprasad H S	Dr. Kanagavalli - GAT (9845117178) Dr. Nirmalkumar S (9880420837)	Ms. Kavitha B - Ise (9686138317)
	<b>PC145</b>	IMAGE CAPTION GENERATION USING DEEP LEARNING	Prof. Meenakshi S J, Shashank G Reddy, Siddharth Konnar, Srashti Sachin Nagvekar Tejaswini Ganesh Bhat		
	<b>PC146</b>	GAS LEAK DETECTION USING MACHINE LEARNING	Dr. Sudhamani M J, Abhishek Jaiswal, G. Aswin, Simran Choudhary, Sagun		
	<b>PC147</b>	CARTOONIFY AN IMAGE	Prof. Anupama, Shrey Jain, Vishwayush Chouhan, Vikas H H, Yash Gopalika		
	<b>PI244</b>	CHAT APPLICATION WITH FACE BASED AUTHENTICATION AND ENCRYPTION	Dr. Suresh L, Anurag Sharma, Abhishek Kumar Singh, Abhiuday Ojha		
	<b>PI245</b>	DYNAMIC TIME WARPING FOR MOTION ANALYSIS USING VIDEO PROCESSING	Mrs. Sudha V, Adishesh G R, Abhishek M, Ayan Ahmed		
	<b>PI246</b>	A BLOCKCHAIN-BASED ACCESS CONTROL FRAMEWORK WITH PRIVACY PROTECTION IN CLOUD	Dr. Nirmalkumar S Benni, Bhargav S, Pavan Kumar Pavan N S		
	<b>PI247</b>	VIDEO STEGANOGRAPHY USING LSB TECHNIQUE	Ms. Kavitha B, Meena P, Naidile CR, Navya K Shetty, Reshma G		
	<b>PI248</b>	REVOLUTIONIZING DIGITAL ART WITH NFTS AND 3D MUSEUMS: A BLOCKCHAIN-POWERED SOLUTION	Ms. Chaitra S, Tushar, Tushar Goel, Srijan Gupta		
	<b>PI249A</b>	SIGN LANGUAGE DETECTION	Ms. Poornima S M, Chethan Gowda C R, Manojkumar.M , Sirichandana Y		
	<b>PI249B</b>	IMAGE CLASSIFICATION OF CIFAR10 USING CNN	Ms. Poornima S M, Sirichandana Y ,Chethan Gowd C R, Manojkumar.M		

## Session 11 Schedule – 110 (First Floor)

Venue	Paper Title	Author(s)	Session Chairs	Coordinator	
Lab 3 - 110 (First Floor)	<b>PC148</b>	REAL-TIME DRIVER DROWSINESS DETECTION SYSTEM BASED ON EYE CLOSURE AND YAWNING USING HOG CLASSIFIER	Bhoomika I N, Ayushka, Shubham Singh, Ayushka	Dr. Rama Satish K (9844329766)  Dr. Pillai - ACS (9964144757)	Ms. Ashwini K - AIML (97424 03518)
	<b>PC149</b>	AUTOMATED ATTENDANCE SYSTEM	Prof. Supritha N, Kiran Yadav S, Manojna P, Rahul J M, Ganesh M		
	<b>PC150</b>	SIGN LANGUAGE CONVERTER TO SPEECH AND TEXT IN REAL TIME	Dr. N P Kavya, S H Kishore Kumar, Mir Khadim Hussain, Ritik Chowdhury		
	<b>PC151</b>	SENTIMENTAL ANALYSIS OF TWITTER DATA ON ECONOMIC CRISIS DURING COVID-19	Prof. Phanikanth K V, Vinay D, Vinay H R, Vivek S Hegde		
	<b>PI250</b>	PARKINSON'S DISEASE DETECTION	Dr. Hema N, Sanjana S Tikotikar, Sonal Nandeesh, Syed Arqham		
	<b>PI251</b>	REAL TIME HELMET DETECTION USING YOLO V3 ALGORITHM	Ms. Sudha V, Rahul Yadav, Manash Madhukar, Ravi Raj, Piyush Singh		
	<b>PI252</b>	WEAPON DETECTION USING ARTIFICIAL INTELLIGENCE AND DEEP LEARNING FOR SECURITY APPLICATIONS	Mr. T S Bhagavath Singh, Padmachandana N, S V Sree Divya, Eshwar shetty k v, Kavana Basavaraju		
	<b>PI253</b>	A MACHINE LEARNING-ASSISTED APPROACH TO CLASSIFY BRAIN TUMORS AND RECOMMEND CARE CONTINUUM BASED ON SEVERITY LEVELS.	Dr. S Sathish Kumar S, Vishal S, Madhu S R, Shreyas S		
	<b>PM337</b>	WEB CONTENT MANAGEMENT SYSTEM	Vijeth M , Navaneeth G , Sowmya V		
	<b>PM320</b>	DATA MINING TECHNIQUES FOR DIGITAL FORENSIC ANALYSIS	Nandish S, Raghu Prasad K		

## Session 12 Schedule – 012 (Ground Floor)

Venue	Paper Title	Author(s)	Session Chairs	Coordinator
Room 012 (Ground Floor)	<b>PC101</b>	AN IMPROVED REAL TIME HELMET DETECTION USING YOLOV5	Prof. Vidya Y , Ranjitha S Managundi, Vanishree, Manjula Tirakanagoudra, Nethravathi K	Dr. Rajani Narayan (80502622021)  Dr. Nagesh B S (9844032238)  Ms. Kavyashree H L - AIML (78920 21536)
	<b>PC152</b>	VIRTUAL ASSISTANT FOR VISUALLY IMPAIRED	Prof. Saravana M K, Saksham Bhatia, Faheem Nazi	
	<b>PC153</b>	A COMPREHENSIVE STUDY ON POWER OF DATA EXPLORATION	Soma Srija, Dhatri V Sharma, B K Bindiya, Dr.Rama Satish K V	
	<b>PI205</b>	FOETAL ABNORMALITIES DETECTION	Dr. Mamatha G, Shuchitha M, Y Nithyashree, Rachana H Dharani, Sanjana Bharadwaj	
	<b>PI254</b>	DETERMINATION AND DIAGNOSIS OF PCOS	Mr. Ravikumar S G, Pooja J, Disha S, VH Yashas, Skanda Aital	
	<b>PI255</b>	INTELLIGENCE PACKAGING SOLUTION	Dr. Prakasha S, Janavi V Khatawkar, Nagesh A P	
	<b>PI256</b>	PREDICTING CUSTOMER PURCHASING BEHAVIOR IN E-COMMERCE: AN ANALYSIS OF ONLINE SHOPPING DATA	Mr. T S Bhagavath Singh, Kshithi, Manasa S, R Harshith Kumar	
	<b>PM338</b>	IOT IN RESEARCH CHALLENGES AND UPCOMING APPLICATIONS	Arpitha N T, Geetha A, Dr. Rajini Narayan	
	<b>PM323</b>	HANDWRITING DETERMINATION TO DETECT FORGERY	Muktha S,Inchara S M, Raghu Prasad K	
	<b>PM330</b>	REINFORCEMENT LEARNING ON AUTONOMOUS DRIVING IN ROBOTICS	Shreya B S,Jyothi T	
	<b>PM314</b>	IMPACT OF DRONE IN AGRICULTURE SECTOR	Hemant Kodiya, Darshan P, Vishwanath V Murthy	



## Session 13 Schedule – 013 (Ground Floor)

Venue	Paper Title	Author(s)	Session Chairs	Coordinator	
Room 013 (Ground Floor)	<b>PC143</b>	PLANT DISEASE DETECTION AND REMIAL MEASURES	Prof. Chethana H R, Shriya Desai, Sharanya N, Swathi Lokapur, Varna S Rao		
	<b>PC138</b>	SUMMARIZATION OF NEWS ARTICLE USING NLP	Prof. Lakshmi R, Punith G, Pothuri Jeevan Sai, S S Koushik, Prajwal Bhalke		
	<b>PC102</b>	THYROID DETECTION AND PROVIDING MEDICATION USING MACHINE LEARNING	Dr. Anjan Kumar K N, Mahesh E, Jashwanth G P, Darshan S G, Ravi Shankar Mali		
	<b>PC106</b>	HAND GESTURE-BASED SYSTEM INTERACTION	Dr. Ramyashree A N, Aishwarya J, Akash M D, Aryan Prasad, Kaushik P		
	<b>PC110</b>	MOBILE APP RATING AND RECOMMENDATION SYSTEM	Prof. Devaraju B M, B Shashank, C B Likith, D G Chiranth		
	<b>PC115</b>	RUST DETECTION IN METALS USING MACHINE LEARNING	Dr. Sudhamani M J, Deepanshu Gupta, Himanshu Ranjan, Himanshu Anand, Kartavya Singh Rawat	Prof. Vishwanath Murthy ( 9844340356)	Ms. Pooja M - AIML (96633 61310)
	<b>PI224</b>	IDENTIFICATION OF FRUIT STANDARDS BY DIGITAL IMAGE PROCESSING AND SENSORY MEASUREMENT USING RASPBERRY PI*	Ms. Aishwarya G, Suraj R Channagiri, Suresh Rathod, T Vinay, Vinyas K R	Dr. Azra - RVCE (9886923829)	
	<b>PI228</b>	AI BASED UI	Dr. Bhagyashree Ambore, Samyak M, Sai Sujay V		
	<b>PI234</b>	VIRTUAL TRAIL ROOM	Ms. Vanishri S, Shamitha S, Sai Bhavana M V, Kamal singh K, Shreeraksha		
	<b>PM311</b>	HYBRID ALGORITHM FOR DYNAMIC HEART RATE PREDICTION IN BEATING HEART SURGERY	D Siva Sai Gandhi G, Vishwanath V Murthy		
	<b>PM336</b>	IOT FOR SMART ENVIRONMENT	Vishruta V Sowmya V		



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