

Sinhgad Technical Education Society's
Sinhgad College of Engineering,Pune-41

ICPC-2020 Schedule

ICPC 2020 Conference : Day 1 - Thursday 13/02/2020	
9 am to 10 am	Registration and Break-Fast
10 am to 10.30 am	Inauguration
10.30 am to 11 am	Key Note-1: Dr. Andino Maseleno
11 am to 11.30 am	Key Note-2: Dr. Zdzislaw Polkowski
11.45 am to 12.45 pm	Invited Talk : Mr. Amit Doshi
1 pm to 2 pm	Lunch Break

DAY 1 - SESSION 1 (Seminar Hall)
CLOUD AND ML
Day : Thursday 13/02/2020
Time: 2:00 PM to 3:30 PM

Paper ID	Indexed	Track	Title of Paper	Author
ICPC2020/40/49	SCOPUS	2	Sarcasm Detection On Tweets Using Deep Learning	Rupali Bagate
ICPC2020/39/72	SCOPUS	2	Pulsar Search using Supervised Machine Learning: An Application of Astronomy	Pushkaraj Sadegaonkar
ICPC2020/4/81	SCOPUS	2	Predictive Diagnostic Approach for Vehicle Transmission Clutch Using Fuzzy Logic and Bayesian Algorithm	Sachin Vanjire
ICPC2020/94/95	SCOPUS	2	Automated Diabetic Retinopathy Detection using Convolutional Neural Network	Nitin Shivsharan
ICPC2020/71/52	SCOPUS	3	Moving Object Detection Using Tensor-flow	Archana Date
ICPC2020/93/45	SCOPUS	1	Predicting Best Answer in Community Question Answering System Using Naive Bayes Algorithm	Sayali Sonawane

DAY 1 - SESSION 1 (Seminar Hall)
CLOUD AND ML
Day : Thursday 13/02/2020
Time: 3:45 PM to 5:00 PM

Paper ID	Indexed	Track	Title of Paper	Author
ICPC2020/41/84	SCOPUS	3	Grading of Diabetic Retinopathy Using Different Machine Learning Algorithm	Prasad Maladhure
ICPC2020/96/87	SCOPUS	3	Video Super Resolution and Performance enhancement of Mixture Mapping Model by Deep Learning De-noising	RohitaJ agdale
ICPC2020/93/171	SCOPUS	2	K-Nearest Neighbor for Identification of Pulsars in Astronomy	Rakesh Dhumale
ICPC2020/56/177	SCOPUS	2	Speech Recognition Using Lip Reading	Shivani Devi
ICPC2020/27/47	SCOPUS	3	Hybrid DCT Based Approach for Duplicate Region Detection	Punam Raskar

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DAY 1 - SESSION 2(PG-01)
IMAGE PROCESSING & PATTERN RECOGNITION
Day : Thursday 13/02/2020
Time: 2:00 PM to 3:30 PM

Paper ID	Indexed	Track	Title of Paper	Author
ICPC2020/14/102	SCOPUS	3	Audio Watermarking with Patchwork and DCT	Yugendra Chincholkar
ICPC2020/58/106	SCOPUS	3	Challenges In Scene Interpretation For Video Surveillance	Harshad Lokhande
ICPC2020/30/125	SCOPUS	3	Detection of Microanurysms in Retinal Fundus Images using AC-CLAHE and One Class SVM	Sarika Patil
ICPC2020/87/126	SCOPUS	3	Embedding Image Watermarks In Carrier Images Using The Fractional Fourier Transform	Rani Kumari
ICPC2020/74/79	SCOPUS	2	Vision : Face, Object and Text Recognition for Visually Challenged	Pranav Patil
ICPC2020/56/191	SCOPUS	3	Energy Efficient and Quality-of-Service Based Routing Protocol for Wireless Sensor Network	Sachin Takale

DAY 1 - SESSION 2 (PG-01)
IMAGE PROCESSING & PATTERN RECOGNITION
Day : Thursday 13/02/2020
Time: 3:45 PM to 5:00 PM

Paper ID	Indexed	Track	Title of Paper	Author
ICPC2020/56/180	SCOPUS	3	Delineation of LV using Local Motion Intensity Clustering Technique	Anjali Yadav
ICPC2020/56/187	SCOPUS	3	Wavelet Decomposition using Matching Wavelet Function for Feature Extraction in EEG based BCI	Vrushali Raut
ICPC2020/27/162	SCOPUS	2	A QNA bot using NLP	Tejaswita Vaidya
ICPC2020/42/92	SCOPUS	2	Rumor Detection on Twitter Using Long Short Term Memory	Aparna Bindage
ICPC2020/56/190	SCOPUS	3	Data Preprocessing for Anomaly Detection	Ujwala Sav
ICPC2020/49/78	Google	2	Detection of Diseases Using Gradient Boosting Method	Shrutika Ingale

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**DAY 1 - SESSION 3(PG-02)
CLOUD , BLOCK CHAIN & MINING
Day : Thursday 13/02/2020
Time: 2:00 PM to 3:30 PM**

Paper ID	Indexed	Track	Title of Paper	Author
ICPC2020/68/68	SCOPUS	5	Simulation of preparation of silver hydrogen peroxide using computational fluid dynamics	Varsha Ashtekar
ICPC2020/82/57	Google	1	E-learning on Cloud using Advanced Encryption Standard	Vaibhavi Pawar
ICPC2020/91/86	Google	2	Data Privacy Preserving Method Using Cloud Computing	Akshata Chaudhari
ICPC2020/42/105	Google	2	A Systematic Blockchain-Based System in Healthcare	Lavanya Joshi
ICPC2020/56/128	Google	2	Academic Chatbot Services for Engineering Students Using Q-learning Algorithm	Shruti Joshi
ICPC2020/56/186	Google	2	Block-Chain Based Transparent E-Voting System	Neha Jagtap

**DAY 1 - SESSION 3(PG-02)
CLOUD , BLOCK CHAIN & MINING
Day : Thursday 13/02/2020
Time: 3:45 PM to 5:00 PM**

Paper ID	Indexed	Track	Title of Paper	Author
ICPC2020/45/150	Google	1	Multi-Modal Summarization of Digital Data	Archana Mahajan
ICPC2020/34/46	Google	2	Social Media Analytics for Academic Performance of Students	Chanchal Kedia
ICPC2020/93/55	Google	2	Personal Shopping Assistant	Laxmi Shelke
ICPC2020/13/75	Google	2	Building Movie Recommendation System using Clustering, Collaborative Filtering, Matrix Factorization and improving the accuracy of the system by incorporating Opinion Mining.	Rudresh Zodge
ICPC2020/26/97	Google	2	Location Recommendation Using Scalable Content-Aware Collaborative Filtering and Social networking sites	Chadrakant Koakane
ICPC2020/75/56	Google	2	Book Recommendation System	Richa Patel

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ICPC-2020 Schedule

DAY 1 - SESSION 4 (CR-20)

CLOUD , AI & ML

Day : Thursday 13/02/2020

Time: 2:00 PM to 3:30 PM

Paper ID	Indexed	Track	Title of Paper	Author
ICPC2020/78/51	SCOPUS	3	Performance Analysis of Combinatorial Circuits using Complementary and Pseudo NMOS Logic	Sandeep Kakde
ICPC2020/95/160	SCOPUS	3	Implementation of Auto Conveyor Characterization System For Industrial Automation	Shreya Mali
ICPC2020/48/96	SCOPUS	2	Cloud-based and Secure Smart Home Automation	Prajwal Khairnar
ICPC2020/56/189	SCOPUS	3	Feature Selection Techniques for Software Defect Prediction : A Literature Review	Varsha Palatse
ICPC2020/52/71	SCOPUS	2	A novel computing approach for data Analysis in Smart City healthcare A Case Study of Heart Disease	Swapnaja Hiray
ICPC2020/7/157	Google	3	Variable rate application Internet Of Things Wireless Sensor Networks Precision Agriculture	Palak Sutariya

DAY 1 - SESSION 4(CR-20)

CLOUD AND ML

Day : Thursday 13/02/2020

Time: 3:45 PM to 5:00 PM

Paper ID	Indexed	Track	Title of Paper	Author
ICPC2020/80/174	Google	5	Dynamic Task Scheduler for Reconfigurable Devices	Pushpa Bangare
ICPC2020/56/193	Google	5	Evolution of present nanoscale-transistor models: A Review.	Atul Raut
ICPC2020/57/130	Poster	1	Network Penetration Testing Using AI	Asmita Shingan
ICPC2020/95/132	Poster	1	BLDC Hub Motor Controller for Electric Two-Wheeler	Aditya Tipare
ICPC2020/95/141	Poster	3	Intelligent surveillance system for intrusion detection	Awanti Kulkarni
ICPC2020/41/65	Google	2	Mobile Robot Commanding using NLP	Prashant Kalyani

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**DAY 1 - SESSION 5 (CR-21)
IMAGE & SIGNAL PROCESSING
Day : Thursday 13/02/2020
Time: 2:00 PM to 3:30 PM**

Paper ID	Indexed	Track	Title of Paper	Author
ICPC2020/18/161	Google	2	Genetic Algorithm for Automatic Generation and Optimization of Course Time Table	Pritam Bera
ICPC2020/64/76	Google	3	Traffic Symbol Recognition in Automotive System	Swapnil Ashtewar
ICPC2020/10/111	Google	3	Discrete Emotion Recognition using Soft Computing	Samruddhi Phutane
ICPC2020/81/113	Google	3	Sign Language Assistant using Raspberry Pi	Viraj Hanmante
ICPC2020/43/134	Google	3	Analysis of EEG signal for Brain Computer Interface	Anup Shete
ICPC2020/82/109	Google	4	Hand Gesture Control Robot for Surveillance	Swapnil Tathe

**DAY 1 - SESSION 5 (CR-21)
IMAGE & SIGNAL PROCESSING
Day : Thursday 13/02/2020
Time: 3:45 PM to 5:00 PM**

Paper ID	Indexed	Track	Title of Paper	Author
ICPC2020/84/118	Google	4	Human Computer Interaction Based On Accelerometer Gesture Recognition Using Machine Learning	Prateek Mande
ICPC2020/42/168	Google	4	Finger gesture-controlled wheelchair	Rohit Sonawane
ICPC2020/61/138	Google	5	Adaptive Fuzzy Neural Control For Nonlinear Control System	Makrand Kakatkar
ICPC2020/54/172	Google	5	Artificial Intelligence: An Emerging Perspective in Education	Seema Shingade
ICPC2020/52/153	Google	4	Miniature Metamaterial Antenna for Microwave Imaging Application	Vinay Mhaskar
ICPC2020/53/98	Google	3	Raspberry Pi Hand gesture recognition Convex hull	HrishikeshMaheshwaram

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ICPC 2020 Conference : Day 2 - Friday 14/02/2020	
9 am to 10 am	Registration and Break-Fast
10 am to 11.30 am	Invited Talk: Mr. Animesh Jha

DAY 2 - SESSION 1 (Seminar Hall)
NETWORK SECURITY & IP
Day : Friday 14/02/2020
Time: 11:30 PM to 1:00 PM

Paper ID	Indexed	Track	Title of Paper	Author
ICPC2020/69/74	Google	1	Comprehensive Study on Secured Password Authentication with Encrypted Negative Password and AuthStore	Ghoshit Bhelawe
ICPC2020/55/149	Google	1	Privacy Policy Summarization and Detection of Unfair Clauses	Jyoti Kulkarni
ICPC2020/86/69	Google	2	Word Sense Disambiguation (WSD) using Neural Networks	Ankit Bhawsar
ICPC2020/66/100	Google	4	A Novel Design for Dual Wideband Bandpass Filter for WLAN and Wi-Fi Applications	Aunsh Bandivadekar
ICPC2020/56/182	Poster	3	Traffic Congestion Control For Emergency Vehicle	Ajinkya Uike
ICPC2020/56/183	Poster	3	Image Hashing Technology Using DWT and SVD Decomposition	Vishwajeet Jadhav

Lunch Break : 1 pm to 2 pm

DAY 2 - SESSION 1 (Seminar Hall)
NETWORK SECURITY & IP
Day : Friday 14/02/2020
Time: 2.00 PM to 3.30 PM

Paper ID	Indexed	Track	Title of Paper	Author
ICPC2020/51/154	Google	4	Impact of Packet Size and Power on Performance of Bluetooth in Heterogeneous Environment	Anil Shirsat
ICPC2020/56/167	Google	4	Smart Shopping System Using NFC Technology	Arnav Ruikar
ICPC2020/56/89	Google	5	Customized Safe Search and Parental Control through Desktop Browser Extension and Mobile Application with Remote Control Configuration	AkshayC hhajed
ICPC2020/96/112	Google	5	Scrutiny of MPPT Algorithms in Photovoltaic System	Vrushali Ujgare Waghmare
ICPC2020/20/136	Google	4	Performance Enhancement of Mobile WiMAX using Time-Frequency Training OFDMA Scheme	Sandhyarani Malave
ICPC2020/74/175	Google	2	A Comprehensive Study on Detection of Diabetic Retinopathy using Retinal Images	Nidhi Nambiar

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**DAY 2 - SESSION 2 (PG-01)
IOT & ML
Day : Friday 14/02/2020
Time: 11:30 PM to 1:00 PM**

Paper ID	Indexed	Track	Title of Paper	Author
ICPC2020/75/66	Google	4	IOT BASED ENERGY SAVING SYSTEM	Samadhan Mali
ICPC2020/36/88	Google	4	IOT based smart garbage monitoring and collection system	Samadhan Mali
ICPC2020/32/99	Google	4	A Compact Ultra Wide Band Antenna For IOT Applications	Akshay Todkar
ICPC2020/41/159	Google	4	EVM Using Blockchain and IOT	Prof. Uday Mande
ICPC2020/84/144	Google	2	Fatigue Detection of Driver using Convolutional Neural Networks	Manjusha Namewar
ICPC2020/58/148	Google	2	Crop Prediction and Monitoring System in Agriculture using Machine Learning	Madhura Kodgire

Lunch Break : 1 pm to 2 pm

**DAY 2 - SESSION 2 (PG-01)
IOT & ML
Day : Friday 14/02/2020
Time: 2:00 PM to 3:30 PM**

Paper ID	Indexed	Track	Title of Paper	Author
ICPC2020/8/158	Google	2	Predicting the team based on player performance and formation in sports match by Machine Learning Approach	Fagun Raithatha
ICPC2020/70/147	Google	1	Enhanced Approach for Complete Review Analysis Using Recurrent Neural Networks with Recommendation	Kiran Shinde
ICPC2020/48/59	Google	2	Survey on Plant Disease Detection Techniques	Kaustubh Wani
ICPC2020/81/129	Google	2	Face Recognition Based Attendance Management System	Sanket Deshmukh
ICPC2020/56/184	Google	3	Water level Monitoring and Control System	Balasaheb Agarkar
ICPC2020/41/85	Google	3	Brain tumor, tumor detection, MRIs	Chaitali Deshpande

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**DAY 2 - SESSION 3 (PG-02)
VLSI & Embedded Signal Processing
Day : Friday 14/02/2020
Time: 11:30 PM to 1:00 PM**

Paper ID	Indexed	Track	Title of Paper	Author
ICPC2020/88/156	SCOPUS	3	Bridging Defect Detection for Fault Diagnosis of On- Chip Cache Memory	Shital Barekar
ICPC2020/76/152	Google	2	Automated Toll Payment and Vehicle tracking system	Madhukar Nimbalkar
ICPC2020/50/104	Google	3	Continuous monitoring of parameter using virtual circular graphical chart on TFT display	Ashutosh Gajare
ICPC2020/77/115	Google	3	Automatic Pit Detection Vehicle	Dharmendra Ganage
ICPC2020/73/90	Google	4	Design and Verification of High Performance AMBA AHB to APB	Abhijeet Gavhane
ICPC2020/61/93	Google	4	Hybrid Helmet	Shikhar Bal

Lunch Break : 1 pm to 2 pm

**DAY 2 - SESSION 3 (PG-02)
VLSI & Embedded Signal Processing
Day : Friday 14/02/2020
Time: 2:00 PM to 3:30 PM**

Paper ID	Indexed	Track	Title of Paper	Author
ICPC2020/56/27	SCOPUS	5	Study of Hybrid Wind-Solar Green Energy System	Manik Shinde
ICPC2020/34/63	SCOPUS	3	Detection of Resistive Open Defect Fault in SRAM Memory Array Structure for Reliability against Failures	Shital Barekar
ICPC2020/57/143	SCOPUS	2	Hybrid Proactive-Reactive Routing (HPRR) for Cognitive Radio Networks	Shriram Kulkarni
ICPC2020/56/178	SCOPUS	4	Secure Adaptive Request Zone based Routing Protocol for MANET	G.T. Chavan
ICPC2020/56/194	SCOPUS	5	Hybrid peddle and solar electric vehicle for physically challenged people	R. Arulmurugan
ICPC2020/22/140	SCOPUS	2	Breast Cancer Detection Using Clustering And Svm	Aayushi Somani