

Sinhgad Academy of Engineering
Department of E&TC Engineering

File No.: S10

Title: Student Publication

Contents: -

1. Summary of Students 'Technical Publications

YEAR	IJ	NJ	IC	NC	TOTAL
2020-21	01	NIL	00	43	44
2019-20	08	NIL	00	NIL	08
2018-19	02	NIL	00	NIL	02
2017-18	09	NIL	00	NIL	09
2016-17	06	NIL	04	NIL	10

Journals/Conference Publications AY 2020-21

Sr.No	Name Of the Students	Title Of Paper	Title Of Research Journal/Conference	Volume No and Year	IJ/NJ-IC/NC-Total=
1	Sanket Mallawat Nikhil Sonje	A Short-Range Obstacle Detection System Using 8051 Microcontrollers	International Journal for Research in Applied Science and Engineering Technology	Volume 9 Issue VI, June 2021	IJ=1
2	Abhishek Mukherjee Reva Ghate Naman Gahlout	Credit Card Fraud Detection System Using Machine Learning Algorithms	E-National Conference On Novel Ideas in multidisciplinary Techno-Innovations (Ncnmt-2021)	29th – 30th June, 2021	Nc=1
3	Sanket Mallawat Nikhil Sanjay Sonje	A Short-Range Obstacle Detection System Using 8051 Microcontroller.	E-National Conference On Novel Ideas in Multidisciplinary Techno-Innovations (Ncnmt-2021)	29th – 30th June, 2021	Nc=1
4	Anish Ameet Adhikari Ruchir Shrikhande Purushottam Rathi Kartik Gangavati	Inspection Of Mechanical Job Using Image Processing and Deep Learning	E-National Conference On Novel Ideas in Multidisciplinary Techno-Innovations (Ncnmt-2021)	29th – 30th June, 2021	Nc=1
5	Pritesh Ramdas Talande Shantanu Balaji Sathe Shravan Digambar Tandale	Road Lane Detection and Tracking	E-National Conference On Novel Ideas in Multidisciplinary Techno-Innovations (Ncnmt-2021)	29th – 30th June, 2021	Nc=1
6	Yukta Pradeep Ajjampur Sreelakshmi Manoj Ayesha Shaikh Jathar Sakshi Prashant	Power Generation Using Gymnasium Equipments	E-National Conference On Novel Ideas in Multidisciplinary Techno-Innovations (Ncnmt-2021)	29th – 30th June, 2021	Nc=1
7	Tanmay S. Kulkarni Harsh Manoj Jaiswal Omkar Bhalchandra Kashid	Plant Cultivation Assistant Using Convolutional Neural Network	E-National Conference On Novel Ideas in Multidisciplinary Techno-Innovations (Ncnmt-2021)	29th – 30th June, 2021	Nc=1

Journals/Conference Publications AY 2020-21

8	Ashish Avinash Mulmandkar Sagar Pralhadrao Shinde Rucha Rambhau Shengokar	Smart Helmet for Motorcyclist	E-National Conference On Novel Ideas in Multidisciplinary Techno-Innovations (Ncnmt-2021)	29th – 30th June, 2021	Nc=1
9	Sayali Gunaji Parab Pranav Gopal Deshpande Nidwanche Bhagyashri Gopalrao	Corona Virus Door Bell to Restrict People Having Covid Symptoms with Hand Sanitizer	E-National Conference On Novel Ideas In Multidisciplinary Techno-Innovations (Ncnmt-2021)	29th – 30th June, 2021	Nc=1
10	Chirag Ashtankar Moreshwar Shinde Prajwal Narendra Bodhale	Face Mask Detection Using Machine Learning	E-National Conference On Novel Ideas in Multidisciplinary Techno-Innovations (Ncnmt-2021)	29th – 30th June, 2021	Nc=1
11	Shivanshu Sahu Tejas Dekate Chinmay Dwivedi	Iot (Internet of Things) Based Smart Office	E-National Conference On Novel Ideas in Multidisciplinary Techno-Innovations (Ncnmt-2021)	29th – 30th June, 2021	Nc=1
12	Divij Ande Anuradha Kunjir Kaustubh Kale Vaibhav Deshpande	Student Management System	E-National Conference On Novel Ideas in Multidisciplinary Techno-Innovations (Ncnmt-2021)	29th – 30th June, 2021	Nc=1
13	Saaid Ul Haque Ameya Patil Priya Mandal	Iot Based Floor Cleaning Robot	E-National Conference On Novel Ideas in Multidisciplinary Techno-Innovations (Ncnmt-2021)	29th – 30th June, 2021	Nc=1
14	Siddhant Gautam Surwade Sandesh Sanjay Chaudhari Shahnawaz Khan	Lifi Based Toll Collector	E-National Conference On Novel Ideas in Multidisciplinary Techno-Innovations (Ncnmt-2021)	29th – 30th June, 2021	Nc=1
15	Sumit Pandurang Aglawe Nidhee Nagesh Bonde Saif Samad Karol	Handwritten Text Script to Speech Using Deep Learning.	E-National Conference On Novel Ideas in Multidisciplinary Techno-Innovations (Ncnmt-2021)	29th – 30th June, 2021	Nc=1

Journals/Conference Publications AY 2020-21

16	Sanket Kishor Raut Rushikesh Dinkar Mante	Drowsiness Warning System	E-National Conference On Novel Ideas In Multidisciplinary Techno-Innovations (Ncnmt-2021)	29th – 30th June, 2021	Nc=1
17	Aditya Mahadeo Kakade Vishwajeet Jagtap Atul Yadav	Automatic Sanitizer Dispensing Machine Using Ultrasonic Sensor	E-National Conference On Novel Ideas in Multidisciplinary Techno-Innovations (Ncnmt-2021)	29th – 30th June, 2021	Nc=1
18	More Shubham Balasaheb Laxmi Venkat Reddy Aditya Shete	School Bus Security Using Rfid, Gsm, Ir Sensor with Alcohol Sensor.	E-National Conference On Novel Ideas in Multidisciplinary Techno-Innovations (Ncnmt-2021)	29th – 30th June, 2021	Nc=1
19	Jay Prakash Malakar Vaishnavi Bhamburkar Sakshi Nimje	Digital Voting System Using Block Chain Technology	E-National Conference On Novel Ideas in Multidisciplinary Techno-Innovations (Ncnmt-2021)	29th – 30th June, 2021	Nc=1
20	Shashwati Gaurkhede Sanjana Varma Trishna Thakkar	Ambulance Assistance for Emergency Services Using Gps Navigation	E-National Conference On Novel Ideas in Multidisciplinary Techno-Innovations (Ncnmt-2021)	29th – 30th June, 2021	Nc=1
21	Mrunal Deshmukh Pooja Choudhary Anjali Dixit	Intelligent Sql, Database Based Attendance System Using Open cv and Python	E-National Conference On Novel Ideas in Multidisciplinary Techno-Innovations (Ncnmt-2021)	29th – 30th June, 2021	Nc=1
22	Yash S. Jadhav Jyostna Suryawanshi Riya Lata	Vehicle Number Plate Detection Using Optical Character Recognition	E-National Conference On Novel Ideas in Multidisciplinary Techno-Innovations (Ncnmt-2021)	29th – 30th June, 2021	Nc=1
23	Shreya Govind Muke Namrata Nilkanth Chilwant Rishikesh Sharad Bankar	Digitalization Of Water Tank Using Innovation in Iot	E-National Conference On Novel Ideas in Multidisciplinary Techno-Innovations (Ncnmt-2021)	29th – 30th June, 2021	Nc=1

Journals/Conference Publications AY 2020-21

24	Shubham Ramdas Kalme Prashant Dnyaneshwar Belhekar Gajanan Kale	Forest Fire Detection Using Image Processing	E-National Conference On Novel Ideas in Multidisciplinary Techno-Innovations (Ncnmt-2021)	29th – 30th June, 2021	Nc=1
25	Mayuri Dattatray Shivade Shubham Deepak Sutar Vaibhav Shivkant Malge	Fake News Detection Using Machine Learning	E-National Conference On Novel Ideas in Multidisciplinary Techno-Innovations (Ncnmt-2021)	29th – 30th June, 2021	Nc=1
26	Tejas Patil Aman Meshram Priti Khamkar Aboli Pandhare	Arduino Based Electrical Bioimpedance Spectrometer	E-National Conference On Novel Ideas in Multidisciplinary Techno-Innovations (Ncnmt-2021)	29th – 30th June, 2021	Nc=1
27	Tejas S. Shinde Tushar Parmeshwar Sable	Secured Wireless Data Communication	E-National Conference On Novel Ideas in Multidisciplinary Techno-Innovations (Ncnmt-2021)	29th – 30th June, 2021	Nc=1
28	Samichha Rana Aman Patel Urvesh Chaudhari	Bidirectional Visitor Counter Using 8051 Microcontroller and Buzzer	E-National Conference On Novel Ideas in Multidisciplinary Techno-Innovations (Ncnmt-2021)	29th – 30th June, 2021	Nc=1
29	Pranav Kishor Chintawar Chetan Ramesh Parse Shelke Pravin Ramnath Pawar Rahul Charandas	Routing Protocol in Ad-Hoc Network (Vanet)	E-National Conference On Novel Ideas in Multidisciplinary Techno-Innovations (Ncnmt-2021)	29th – 30th June, 2021	Nc=1
30	Tushant Sunil Sutar Akshay Mahajan Vineet Jaiswal	Smart Refrigerator System Using Iot	E-National Conference On Novel Ideas in Multidisciplinary Techno-Innovations (Ncnmt-2021)	29th – 30th June, 2021	Nc=1
31	Prof S.T.Sawant Patil Shubham Gawade Shivani Nimbhorkar Pramod Jakate	Iot Based Healthcare Support System for Alzheimer's Patients.	E-National Conference On Novel Ideas in Multidisciplinary Techno-Innovations (Ncnmt-2021)	29th – 30th June, 2021	Nc=1

Journals/Conference Publications AY 2020-21

32	Harshada Devtarase Vaishnavi Ashok Nalage Divya Vishwas Ghangale Memane Akshay Ramdas	Gsm Based Energy Meter Reading System and Load Control Using Arduino	E-National Conference On Novel Ideas in Multidisciplinary Techno-Innovations (Ncnmt-2021)	29th – 30th June, 2021	Nc=1
33	Memane Akshay Mohit Madhukar Patil Vaibhav Labade	Face Fraud Detection Ln Online Exam.	E-National Conference On Novel Ideas in Multidisciplinary Techno-Innovations (Ncnmt-2021)	29th – 30th June, 2021	Nc=1
34	Kiran Dilip Kunjir Anuprabha Teke Pooja Chamnaru	Intelligent Vehicle Accident Prevention System	E-National Conference on Novel Ideas in Multidisciplinary Techno-Innovations (Ncnmt-2021)	29th – 30th June, 2021	Nc=1
35	Suraj Tandalwade Somesh Poal Tejas Bongirwar	Image Captioning for Assistive Vision	E-National Conference On Novel Ideas in Multidisciplinary Techno-Innovations (Ncnmt-2021)	29th – 30th June, 2021	Nc=1
36	Yogesh Narwate Rajesh Chaudhari Tejashree Patnure	Enchance Irrigation Approach Agriculture Using Iot	E-National Conference On Novel Ideas in Multidisciplinary Techno-Innovations (Ncnmt-2021)	29th – 30th June, 2021	Nc=1
37	Vaibhav Matkar Shreyash Govande Ganesh Bhramanna Rutuja Poman	Face Mask Detection with Alert System Using Image Processing Technique	E-National Conference On Novel Ideas in Multidisciplinary Techno-Innovations (Ncnmt-2021)	29th – 30th June, 2021	Nc=1
38	Ashutosh Mishra Shashank Bukshetwar Vaibhav Pardhi	Facemask Detection Using Cnn	E-National Conference On Novel Ideas in Multidisciplinary Techno-Innovations (Ncnmt-2021)	29th – 30th June, 2021	Nc=1

Journals/Conference Publications AY 2020-21

39	Siddhika Kadam Vishal Bharte Gayatri Harane Shivangi Kulkarni	3-D Hand Geometry-Based Recognition System for User Authentication Using Image Processing	E-National Conference On Novel Ideas in Multidisciplinary Techno-Innovations (Ncnmt-2021)	29th – 30th June, 2021	Nc=1
40	Pranay Gopale Akash Deshmukh Digambar Kushe	Lung Cancer Detection Using Image Processing	E-National Conference On Novel Ideas in Multidisciplinary Techno-Innovations (Ncnmt-2021)	29th – 30th June, 2021	Nc=1
41	Sohel Bagwan Sneh Kumar Ajay Pande	Railway Track Crack Detection	E-National Conference On Novel Ideas in Multidisciplinary Techno-Innovations (Ncnmt-2021)	29th – 30th June, 2021	Nc=1
42	Krutika More Divya Hande Deshmukh Pratiksha Khakal	Hand Gesture Recognition to Speech Conversion In Regional Language Using Raspberry Pi Controller	E-National Conference On Novel Ideas in Multidisciplinary Techno-Innovations (Ncnmt-2021)	29th – 30th June, 2021	Nc=1
43	Dhanashri Khade Shivani Gaikwad Govind Pawar	Smart Automatic Petrol Pump System	E-National Conference On Novel Ideas in Multidisciplinary Techno-Innovations (Ncnmt-2021)	29th – 30th June, 2021	Nc=1
44	Aniket More Pratik Patkar Shivam Shete Saurav Parmar	An Implementation Paper On 3d Object Detection Neural Networks for Autonomous Vehicles	E-National Conference On Novel Ideas in Multidisciplinary Techno-Innovations (Ncnmt-2021)	29th – 30th June, 2021	Nc=1
					IJ=01 NC=43 Total=44

Journals/Conference Publications AY 2019-20

Sr.No	Name of the students	Title of paper	Title of research journal/Conference	Volume no and year	Impact factor	NJ-IJ-Total=
1	Sujay Jayant Kharote	Implementation of Secures Healthcare Monitoring and Disease Prediction System Using Machine Learning Algorithms	International Journal of Management, Technology and Engineering	ISSN No: 2249-7455, Vol. 9, Issue 7, July2019,	6.3	IJ=1
2	RAJAT shrivastav,vignesh iyar,sushant singh,gupta	Vehicle theft detection using face recognition	International research journal of engineering and technology	VOLUME 6, ISSUE 05,MAY 2019	7.2	IJ=2
	subham rathi,harsh,zaki,tunisha ujawane	Automatic toll management and penalty system using number plate recognition	International research journal of engineering and technology	VOLUME 6, ISSUE 05,MAY 2019	7.2	
3	Nikhil S Mhetre,Pramode p Darade,Ashitosh A Varkale	Automatic power generation using rain water harvesting and solar energy	International Journal of Advance Research, Ideas and Innovations in Technology,	Volume 5, Issue 5 2019	4.295	IJ=1
4	Bhumika Agarwal, Sheetal Dekate, Sumit Kumar, Vaishali Gupta	food recognition and classification using SVM	International Journal of Research and Analytical Reviews	Vol 7, Issue 2, Jun 2020	5.75	IJ=1

Journals/Conference Publications AY 2019-20

5	Rakesh chauhan,Devkanya kapre,sonu kumar,swamini pande	Horizontal and vertical surface cleaning robot	International Journal of Advance Research, Ideas and Innovation of Technology	Vol 6, Issue 3, Jun 2020	6.078	IJ=1
6	Ajay R Kulkarni,Indrajeet Nikam,Yogesh Gudewar,Ajay Suryavanshi	IOT based advance driverless seed sowing	International Journal of Advance Research Ideas and Innovations inTechnology (IJARIIT)	Vol 6, Issue 3, Jun 2020	6.018	IJ=1
7	Abul hasan khan,Dheeraj salgotra,Hussain mithaiwala,Murtaza mitha	2.Restaurant waiter robot	SAMRIDDHI : A Journal of Physical Sciences, Engineering and Technology	Volume 12 issue1		IJ=1
						NJ- 0 IJ-08 Total=08

Journal/Conference Publication AY2018-19

Sr.NO.	Name of the Student	Title of paper	Title of research journal /conference	Volume no and year	Impact factor	NJ-IJ-Total=
1	Shivam Kavate Heena Malandkar Shreya Revadekar Rajkumar Gond	Smart Bike data recorder for Accident recovery	International Journal of Advance Research, Ideas and Innovations in technology	ISSN:2454-132X Vol-4, Issue 5,2018	4.295	IJ =01`
2	Vijay Berad Nishant Chandane Akshay Kambale	An intelligent car for physically handicapped with voice-based control and vision-based steering	International Journal of Advance Research, Ideas and Innovations in technology	ISSN:2454-132X Vol-4, Issue 5,2018	4.295	IJ-01
						NJ- 0 IJ-02 Total=09

Journal/Conference Publication Ay2017-18

Sr.NO.	Name of the Student	Title of paper	Title of research journal	Name of organizer	Volume no and year	Impact factor	NJ-IJ-Total=
1	Anita P.Ghode	Eye Gaze Tracking System	IRJET	IRJET	04 and july2017	5.181	IJ =01`
2	Rishekesh Dalvi Aniket Jadhav Swapnil Dhaiwal	Total Home Security system using ARM	IJTSRD	IJTSRD	vol-2 Issue-3 Apri 2018	4.101	IJ-01
3	Sagar Parate Ashish Jogi Tushar Lakde	NFC based super secure bike	IRJET	IRJET	2397-0072		IJ =02
4	Laukik Inamdar Shubham Bhambare Akshay Gund	Distributed cable harness Tester	IRJET	IRJET	2395-0056		
5	Harun Dar Shreyansh Jain Joyti Shukla	Alzheimer Patient Tracking and Alert System	IJTSRD	IJTSRD	Vol-2 Issue -3 April 2018	4.101	IJ-01
6	Ankam Vishal Vipul Katariya Alim Patel Bharat Jadhav	Smart Street Light System with Energy Saving Function	IJSRD	IJSRD	VOL 6, APRIL2018		IJ =01
	Abrail Sayyad Prashant Shinde Manas Sonawane Nagesh Suryavanshi	Smart Voting System Using Raspberry Pi	IERJ	IERJ	April 2018		IJ =01
	Aniket Pavale Salim Shaikh Shivanand Yelgeti Sonali Sonwankar	Android Based Monitoring & Controlling of Home Appliances through Power Grid	IRJET	IRJET	e- ISSN: 23295-0056 Volume-4 Issue - 7 July -17	5.181	IJ =01
7	Vibha Salunkhe	A New Approach for Automatic Face Emotion Recognition & Classification Based on Deep Networks					IJ= 01
							NJ- 0 IJ-09 Total=09

Journal/Conference Publication AY 2016-17

2016-17					
Sr. No	Title of the paper	Name of Author	Journal/ Conference	Details	Date
1	Circular Polarization in Transparent Circular Patch with Defected Structure	N.Y.Gondane Dr. J. P. Shinde	2016 Intl. Conference on Advances in Computing, Communications and Informatics (ICACCI),	Jaipur, India 978-1-5090-2028-7/16 IEEE	Sept. 21-24, 2016
2	Circular Polarization in Transparent Circular Patch with Defected Structure	N.Y.Gondane Dr.P. N. Shinde	2016 Intl. Conference on Advances in Computing, Communications and Informatics (ICACCI)	Jaipur, India 978-1-5090-2028-7/16 IEEE	Sept. 21-24, 2016
3	Automatic Agriculture Spraying robot with smart decision making	Sonal Sharma Dr.R.P.Borse	International Conference on Advances in Computing, Communications and Informatics (ICACCI)	DOI:10.1007/978-3-319-47952-1-7 Springer	20-24 Sept 2016
4	Micro data handling for semiconductor devices using high resolution ADC	Minal.M.Ratnaparkhi M. M .Patil	INDICON	2016 DOI:10.1109/INDICON2015.7443573 ISBN:978-1-4673-7398-2	2016
5	Design of coplanar Microstrip Antenna for GPS /Bluetooth Application	Umesh .M.Birangal, Amar .D.Birajdar Mr. S.A Bankar	2 nd International Conference on Computing Communications, control and Automation (ICCU BEA2016)	IEEE PCCOE Pune	12-13 Aug 2016
6	A Review on the Evolution of Eigen Value based Spectrum Sensing Algorithms for	Ashwini Lande Dr. K. P. Patil	International Journal of Network Protocols and Algorithms	ISSN1943-3581 Vol.8, No.2, 2016 DOI:10.5296/npa.8i2.9349	30 June2016

	Cognitive Radio				
7	Human Body Hydration Measurement using Bio-Impedance Technique	S.R.Pawar D.K.Kamat	International Journal for research in emerging science and technology	2016 IJREST, E-ISSN: 2349-761 Volume-3, Issue-6,	Jun-2016
8	Various Methods for Analysis of Skin Diseases	P.B.Manoorkar D.K.Kamat	International Journal of Advanced Research in Computer and Communication Engineering	ISSN (Online) 2278-1021 ISSN (Print) 2319 5940 DOI 10.17148/IJARCCE.2016.56115 Vol. 5, Issue 6	June 2016
9	Heart Rate Detection Using Bio-impedance Measurement	P.A Gaikwad D.K.Kamat	International Journal of Innovative Research in Computer and Communication Engineering	ISSN(Online): 2320-9801 ISSN (Print) : 2320-9798 DOI: 10.15680/IJIRCCE.2016.0407019 Vol. 4, Issue 7	July 2016
10	FPGA Implementation of direct sequence spread spectrum transmitter with pseudo chaotic generator	Ajinkya H. Wanzkhade M. M .Patil	International Journal of Advanced Research	ISSN(Online): 2320-5407 Vol. 4, Issue 2	June 2016
11	A Review on the evolution of Eigen value based spectrum sensing Algorithm for Cognitive Radio	Ashwini Lande M.H.Naikawadi	Network Protocol and Algorithm	ISSN:1943-3581 Vol-8 , No.2 DOI:10.5296/npa.8i2.9349	30 June2016
12	An Automated Approach for plant health using smart Phone	Pallavi D.Kambale R.U. Yawale	CIIT International journal of digital image processing	Coimbatore Institute of information Technology DOI:DIP072016001 Print :ISSN0974-9691 ONLINE:ISSN 0974-9586	July 2016

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