

Innovation Ecosystem

Papers Published

Institution's Innovation Council (IIC) - Godavari college of Engineering has kept its pace with fast moving culture of AICTE and Ministry of Education Govt. of India in inculcating the Innovation and Entrepreneurship culture. The institute has set up Institution's Innovation Council (IIC). It provides an excellent platform to youngsters through institute and teaching faculties of all departments also provides good opportunities for innovation. Institute tries to provide students right motivation towards entrepreneurship through various activities at the institute. Institute has achieved 3.5 star out of 5 in IIC assessment as various innovation activities were carried out.

Ecosystem for innovation - Institute has set up ecosystem for innovation, Start-up, Intellectual Property and Incubation cell through IIC to promote Innovation and Entrepreneurship. Various activities are done through IIC, it helps the Innovation and Entrepreneurship culture and tech knowledge transfer. Institutes innovation ecosystem also focuses on research paper publication by students and faculties; also organizes programs on Research Methodology and IPR and as a result many faculties of institute are pursuing Ph.D.

Membership of professional Chapters - Institute has membership of professional bodies like American Society for Metals (ASM) and Institute of Electrical and Electronics Engineers (IEEE), helping students and faculties to enrich their knowledge globally. Technical programs like "TECHNOVATION" where all regional institute participates and showcase their innovative project ideas which are organized through these professional membership collaborations.

Research lab - Institute also has research lab set up in Mechanical Engineering department which is helping researchers in their work.

Patents - Mechanical Engineering Research Students from PG and Faculties currently have Two PATENTS. First patent is of Mr. Kishor Mahajan with Prof. Atul Patil on " Modified Band Heater" and Second Patent by Mr. Anil Patil with Prof. Atul Patil on "Combined Shell and Tube in Tube heat Exchanger (Condenser) for Domestic Refrigerator".

Third Patent is from Prof. Vijay Dattatreya Chaudhari from Electronics and Telecommunication Department also has Patent on "An Artificial Intelligence and Machine Learning Based Traffic Control System."

Workshops/seminars/conferences.

2022-23	2021-22	2020-21	2019-20	2018-19
13	12	05	01	02

Workshop on Internet of Things (IoT) and Gateway of Artificial Intelligence (AI)	52	17/09/2019 TO 17/09/2019
Workshop on IPR AND PATENTING AWARENESS OF INVENTION & INNOVATION (WIPAI-2019)	34	28/11/2019 TO 29/11/2019
Research Methodology at a Glance	25	08/02/2021 To 08/02/2021
Interactive Session/Mentoring Session with "Successful Start-up founders" (Entrepreneurs in Campus)	42	31-08-2021 TO 31-08-2021
Workshop on Intellectual Property Rights (IPRs) and IP management for start-up.	48	03/09/2021 TO 03/09/2021
CAD/CAM CNC Programming MasterCam	37	23/12/2021 TO 23/12/2021
Artificial intelligence and Machine learning with JavaScript	50	03/12/2021 TO 03/12/2021
INDUSTRIAL AUTOMATION	72	08/12/2021 TO 08/12/2021
Workshop on "Entrepreneurship and Innovation as Career Opportunity"	47	16/11/2021 TO 16/11/2021
My Story - Motivational Session by Successful Entrepreneur & Start-up founder.	71	04/02/2022 TO 04/02/2022
IPR Awareness and Related Procedures.	79	28/01/2022 TO 28/01/2022
Innovations in Solar Thermal Application	88	20/06/2022 TO 20/06/2022
Smart India Hackathon 2022 (SIH-22)	24	28-03-2022 TO 28/03/2022
Phoenix 2K22 TechFest on Entrepreneurship, Startups, R&D, Innovation	189	12/04/2022 TO 12/04/2022
Workshop on Entrepreneurship Skill, Attitude and Behaviour Development	72	22/02/2022 TO 22/02/2022
Pitching Event for PoCs developed by Innovation Ambassadors.	46	3/02/2022 TO 3/02/2022
Pitching Event for Ideas Scouted & linkage with Innovation Ambassadors for mentorship support.	93	11/02/2022 TO 11/02/2022
Session/ Workshop on Business Model Canvas (BMC)	37	19/08/2022 TO 19/08/2022
Workshop on Intellectual Property Rights (IPRs) and IP management for startup – "IPR Awareness"	48	24/01/2022 TO 24/01/2022
Session on Accelerators/Incubation - Opportunities for Students & Faculties - Early Stage Entrepreneurs	26	23/08/2022 TO 23/08/2022
Process of innovation development, Technology Readiness Level (TRL) commercialization of lab technologies & tech transfer	50	09/02/2023 TO 09/02/2023
Problem Solving Fit and Ideation	40	23/01/2023 TO 23/01/2023

Orientation session on IIC 5.0	57	11/01/2023 TO 11/01/2023
My Story of Being Successful Innovator	75	19/01/2023 TO 19/01/2023
World of Electronics	140	18/01/2023 TO 21/01/2023
online faculty development program on Data science and machine learning	85	13/02/2023 to 17/02/2023
AWS DeepRacer Student Legue-22	62	08/02/2023 TO 08/02/2023
Revoluation Technology in IT Industry	52	19/10/2023 TO 19/10/2023
One Week online FDP on Data Science and Machine Learning	85	13/02/2023 TO 13/02/2023
Online expert talk on IT Job Market and Industry Expectation and Entrepreneurship	38	03/10/2023 TO 03/10/2023
One Week Workshop on Python and React-JS	85	25/04/2023 TO 29/04/2023
International Conference on Recent Advances in Engineering, Science & Technology - ICRAEST-2023	101	24/03/2023 TO 23/03/2023
One Day Virtual International Conference on Recent Advances in Engineering, Science and Technology	173	16/07/2021 TO 16/07/2021
National Conference On Current Trends in Engineering, Science & Technology	373	20/03/2018 TO 20/03/2018
Toycathon 2021-22	100	23/06/2021 To 25/06/2021

Research papers published in the Journals

2022-23	2021-22	2020-21	2019-20	2018-19
46	20	18	8	21

Title of paper	Name of the author/s	Dept	Name of journal	Year	ISSN number
Hostel Rooms Power Management and Monitoring Using Internet-of-Things	Vijay D. Chaudhari	E&TC	Computing, Communication and Signal Processing book (Chapter-19, Springer-AISC series vol.810 (© Springer Nature Singapore, 2019) DOI: 10.1007/978-981-13-1513-8	2018	ISBN: 9789811315138

IoT Based Intelligent Medicine Tray for ICUs in Multispeciality Hospitals	Chaudhari Vijay D.	E&TC	International Journal of Research in electronics and Computer Engineering (IJRECE) UGC approved	2018	ISSN 2348:2281
Industrial Parameter Monitoring and Fault Detection for Safety Using IoT	Chaudhari Vijay D.	E&TC	International Journal of Research in electronics and Computer Engineering (IJRECE) UGC approved	2018	ISSN 2348:2281
Hostel Rooms Power Management and Monitoring Using Internet-of-Things	Hemraj V. Dhande	E&TC	Computing, Communication and Signal Processing book (Chapter-19, Springer-AISC series vol.810 (© Springer Nature Singapore, 2019) DOI: 10.1007/978-981-13-1513-8	2018	ISBN: 97898113 15138
Hostel Rooms Power Management and Monitoring Using Internet-of-Things	Hemant T. Ingale	E&TC	Computing, Communication and Signal Processing book (Chapter-19, Springer-AISC series vol.810 (© Springer Nature Singapore, 2019) DOI: 10.1007/978-981-13-1513-8	2018	ISBN: 97898113 15138
Industrial Parameter Monitoring and Fault Detection for Safety Using IoT	Hemant T. Ingale	E&TC	International Journal of Research in electronics and Computer Engineering (IJRECE) UGC approved	2018	ISSN 2348:2281
IoT Based Intelligent Medicine Tray for ICUs in Multispeciality Hospitals	Jadhav Ishwar S.	E&TC	International Journal of Research in electronics and Computer Engineering (IJRECE) UGC approved	2018	ISSN 2348:2281
Natural Fibers As Geo-Reinforcement- A Review	L.B.Patil and Dr.S.S Pusadkar	Applied sciences	International journal of Innovation in Engineering and Science	2018	2456-3463
A secure approach for authenticated & secure online voting system by using homo-morphic steganography	Rahul Gaikwad	COMPUTER	International journal of engineering development & research (IJEDR), Vol.6, issue 1, January 2018	2018	2321-9939
A review paper on experimental investigation of effect of absorber volume on performance of vapour absorption system	DR. V H PATIL	MECHANICAL	IJARSE	2018	2319-8354
DESIGN OF GENERATOR IN VAPOUR	DR. V H PATIL	MECH	JARAR	2018	2348-1269

ABSORPTION REFRIGERATION SYSTEM		ANICAL			
EXPERIMENTAL INVESTIGATION OF VAPOUR ABSORPTION SYSTEM	T A KOLI , V H PATIL, K M MAHAJAN	MECHANICAL	JIJARIIE	2018	2395-4396
Hostel Rooms Power Management and Monitoring Using Internet-of-Things	Chaudhari Vijay D.	E&TC	Computing, Communication and Signal Processing book (Chapter-19, Springer-AISC series vol.810 (© Springer Nature Singapore, 2019) DOI: 10.1007/978-981-13-1513-8	2018	978-981-13-1513-8
IoT Based Intelligent Medicine Tray for ICUs in Multispeciality Hospitals	Chaudhari Vijay D.	E&TC	International Journal of Research in electronics and Computer Engineering (IJRECE) UGC approved	2018	ISSN 2348:2281
Priority Based City Traffic Regulation for Emergency Vehicle Using IOT	Chaudhari Vijay D.	E&TC	International Journal of Research in electronics and Computer Engineering (IJRECE) UGC approved	2018	ISSN 2348:2281
Industrial Parameter Monitoring and Fault Detection for Safety Using IoT	Chaudhari Vijay D.	E&TC	International Journal of Research in electronics and Computer Engineering (IJRECE) UGC approved	2018	ISSN 2348:2281
Hostel Rooms Power Management and Monitoring Using Internet-of-Things	Hemraj V. Dhande	E&TC	Computing, Communication and Signal Processing book (Chapter-19, Springer-AISC series vol.810 (© Springer Nature Singapore, 2019) DOI: 10.1007/978-981-13-1513-8	2018	ISBN: 97898113 15138
Hostel Rooms Power Management and Monitoring Using Internet-of-Things	Hemant T. Ingale	E&TC	Computing, Communication and Signal Processing book (Chapter-19, Springer-AISC series vol.810 (© Springer Nature Singapore, 2019) DOI: 10.1007/978-981-13-1513-8	2018	ISBN: 97898113 15138
Industrial Parameter Monitoring and Fault Detection for Safety Using IoT	Hemant T. Ingale	E&TC	International Journal of Research in electronics and Computer Engineering (IJRECE) UGC approved	2018	ISSN 2348:2281
IoT Based Intelligent Medicine Tray for ICUs in Multispeciality Hospitals	Jadhav Ishwar S.	E&TC	International Journal of Research in electronics and Computer Engineering (IJRECE) UGC	2018	ISSN 2348:2281

			approved		
Multilevel Water Level Control & Monitoring of Multiple Tanks	Ashfaqe Ahmed, Vijay D Chaudhari, I S Jadhav, M.N.Patil, A.D.Vishwakarma, R.V.Patil, D.P.Marathe and Shafiq-Ur-Rahman	E&TC	International Journal of Advances in Scientific Research and Engineering (ijasre)	2018	E-ISSN : 2454-8006
A Review of Protocol Security Implementation in near Field Communication	Prof Rahul Gaikwad	COMP UTER	IJERT	2019	2278-0181
University Student Dashboard System	Prog Ganesh Chavan	COMP UTER	IJIES	2019	2456-3463
A Literature Review on Heart and Alzheimer Disease prediction	Prof Rahul Gaikwad	COMP UTER	IRJET	2019	2278-0181
Prioritized ViU Departure at Traffic Intersection Using Internet of Things	Vijay D. Chaudhari	E&TC	Springer-AISC (Advances in Intelligent Systems and Computing), Chapter-25, Vol 1025, DOI: 10.1007/978-981-32-9515-5_25	2019	ISBN: 978-981-32-9515-5
Mining weakly Labeled Web Facial image for search based face annotation	prof Nilesh Chaudhari	COMP UTER	IJSR	2019	2319-7064
A Literature Review on Heart and Alzheimer Disease prediction	prof Nilesh Wani	COMP UTER	irjet	2019	2395-0056
Heart Disease and Alzheimer prediction based on Hybrid Classification Algorithm	prof Nilesh Wani	COMP UTER	ijircce	2019	2320-9801
Improved Genetics and Memetic based task Scheduling in cloud computing Environment	prof Rahul Gaikwad	COMP UTER	IJIRCCE	2019	2320-9801
IoT Capable Mechanism for Crowd Analysis	Kanchan R. Mangrulkar, H. T. Ingale, S. K. Chaudhari, and Anil J. Patil	E&TC	Springer-AISC (Advances in Intelligent Systems and Computing) Vol. 1162	2020	2194-5365
Contemporary Techniques of Crowd Density Estimation	Dr. A.J.Patil Hemant. T. Ingale	E&TC	Zeichen Journal 6 (5), 99-104	2020	0932-4747
Probability Analysis of Vehicular Traffic	Jyoti Motilal Sapkalr,	E&TC	Springer-AISC (Advances in Intelligent Systems	2020	2194-5365

At City Intersection	Vijay D. Chaudhari, H. V. Dhande, Dr. A. J. Patil		and Computing) Vol. 1162		
Automation in Hydroponics Farming Ecosystem	Jagruti Kishor Wagh, Rajendra V. Patil, Anil D. Vishwakarma, and Vijay D. Chaudhari	E&TC	Springer-AISC (Advances in Intelligent Systems and Computing) Vol. 1162	2020	2194-5365
Prioritized ViU Departure at Traffic Intersection Using Internet of Things	Vijay D. Chaudhari, Dr. Anil J. Patil	E&TC	Springer-AISC (Advances in Intelligent Systems and Computing) Vol. 1025	2020	2194-5365
Probability Analysis of Vehicular Traffic At City Intersection	Jyoti Motilal Sapkalr, Vijay D. Chaudhari, H. V. Dhande, Dr. A. J. Patil	E&TC	Springer-AISC (Advances in Intelligent Systems and Computing) Vol. 1162	2020	2194-5365
Automation in Hydroponics Farming Ecosystem	Jagruti Kishor Wagh, Rajendra V. Patil, Anil D. Vishwakarma, and Vijay D. Chaudhari	E&TC	Springer-AISC (Advances in Intelligent Systems and Computing) Vol. 1162	2020	2194-5365
Automation in Hydroponics Farming Ecosystem	Jagruti Kishor Wagh, Rajendra V. Patil, Anil D. Vishwakarma, and Vijay D. Chaudhari	E&TC	Springer-AISC (Advances in Intelligent Systems and Computing) Vol. 1162	2020	2194-5365
Contemporary Techniques of Crowd Density Estimation	Hemant. T. Ingale, Dr. A. J. Patil	E&TC	Zeichen Journal 6 (5), 99-104	2020	ISSN 0932-4747
A Comprehensive go-through in Road Traffic Regulation Intelligent System and Scope Ahead	Vijay D. Chaudhari, Dr. A. J. Patil	E&TC	Zeichen Journal 6 (8), 73-86	2020	ISSN 0932-4747
Experimental Investigation and Heat Transfer Analysis of a Dimple Tube and Corrugated Tube Heat Exchanger	Tushar A Koli	Mechanical Engg.	International Journal for Scientific Research & Development (IJSRD) Volume 8, Issue 6	2020	ISSN (online) 2821 0613
Experimental Investigation of Effect of Different Tube Geometries on Heat Transfer in Solar Pond	Tushar A Koli	Mechanical Engg.	International Journal of Advance Engineering and Research Development(IJAERD), Volume 7, Issue 8	2020	ISSN(online) 2348-4470
Experimental Investigation of the Performance and Emission	Memon Mohammed Akil, Mayur Thakur ,	Mechanical	International Journal of Advance Engineering and Research Development(IJAERD) Volume 7,	2020	ISSN(online) 2348-

Characteristics of DI Diesel Engine using blended biodiesel and water emulsion under varying load condition	Tushar koli	Engg.	Issue 9		4470
Experimental Investigation of Energy and Exergy of Diesel Engine using Hybrid Biodiesel	Tushar A Koli	Mechanical Engg.	REST Journal on Emerging trends in Modelling and Manufacturing Vol: 6(1), REST Publisher	2020	ISSN: 2455-4537
Experimental Investigation of the Performance and Emission Characteristics of DI Diesel Engine using blended biodiesel and water emulsion under varying load condition	Memon Mohammed Akil, Mayur Thakur , Tushar koli	Mechanical Engg.	International Journal of Advance Engineering and Research Development(IJAERD) Volume 7, Issue 9	2020	ISSN(online) 2348-4470
An Experimental Investigation for Air Conditioning Condenser to Increase the Heat Transfer Rate by Varying the Tube Arrangement	Kishor M. Mahajan	Mechanical Engg.	International Journal for Research in Engineering, Science & Management Volume-2, Issue-8.	2020	ISSN(online) 2581-5792
Contemporary Techniques of Crowd Density Estimation	Hemant. T. Ingale, Dr. A. J. Patil	Electronics and Telecommunication	Zeichen Journal 6 (5), 99-104	2020	ISSN 0932-4747
A Comprehensive go-through in Road Traffic Regulation Intelligent System and Scope Ahead	Vijay D. Chaudhari, Dr. A. J. Patil	Electronics and Telecommunication	Zeichen Journal 6 (8), 73-86	2020	ISSN 0932-4747
ELECTRONIC DIFFERENTIAL SYSTEM FOR ELECTRIC CAR	Sunil M. Khangal, Shafeeqe-Ur-Rehman, Ishwar S. Jadhav, Vijay D. Chaudhari	E&TC	NIU International Journal of Human Rights Volume 8(VIII), 2021, pp.13-20	2021	ISSN: 2394 – 0298

ELECTRONIC DIFFERENTIAL SYSTEM FOR ELECTRIC CAR	Sunil M. Khangal, Shafeeque-Ur-Rehman, Ishwar S. Jadhav, Vijay D. Chaudhari	E&TC	NIU International Journal of Human Rights Volume 8(VIII), 2021, pp.13-20	2021	ISSN: 2394 – 0298
ELECTRONIC DIFFERENTIAL SYSTEM FOR ELECTRIC CAR	Sunil M. Khangal, Shafeeque-Ur-Rehman, Ishwar S. Jadhav, Vijay D. Chaudhari	E&TC	NIU International Journal of Human Rights Volume 8(VIII), 2021, pp.13-20	2021	ISSN: 2394 – 0298
A Review Paper on Design, fabrication and experimental investigation of solar hybrid dryer with biomass burner for farmers.	Prof.Tushar A. Koli Mr.Pankaj R. Bonde, Prof. Mayur P. Thakur	Mechanical Engg.	International Journal of Advance Engineering and Research Development (IJAERD), Volume 08 Issue 02	2021	ISSN: 2348-4470 (E)
A Review Paper on Design, fabrication and experimental investigation of solar hybrid dryer with biomass burner for farmers.	Prof.Tushar A. Koli, Mr.Pankaj R. Bonde, Prof. Mayur P. Thakur	Mechanical Engg.	International Journal of Advance Engineering and Research Development (IJAERD), Volume 08 Issue 02	2021	ISSN: 2348-4470 (E)
A Review on Suspension Operated Air refrigeration System	Kishor M. Mahajan	Mechanical Engg.	International Journal for Scientific Research & Development (IJSRD)Volume 8, Issue 11	2021	ISSN: 2321 0613
A REVIEW ON THERMAL ANALYSIS OF SOLAR AIR HEATER USING DIFFERENT SHAPE ROUGHENED PLATES	Kishor M. Mahajan	Mechanical Engg.	International Research Journal Of Modernization In Engineering Technology And Science, Volume 3/Issue 4/450152	2021	e-ISSN: 2582-5208
Optimization of Rectangular Microstrip Array Antenna Fed Through Microstrip Lines With Step Discontinuities	Tarun Kumar Kanade, Alok K. Rastogi, Sunil Mishra, Vijay D. Chaudhari	E&TC	Springer Nature Singapore, Advanced Intelligent System Computing (AISC), vol. 1354, DOI: 10.1007/978-981-16-2008-9 ISBN: 978-981-16-2008-9	2021	ISSN: 2194-5357
ELECTRONIC DIFFERENTIAL SYSTEM FOR ELECTRIC CAR	Sunil M. Khangal, Shafeeque-Ur-Rehman, Ishwar S. Jadhav, Vijay D. Chaudhari	Electronics and Telecommunication	NIU International Journal of Human Rights Volume 8(VIII), 2021, pp.13-20	2021	ISSN: 2394 – 0298

		n			
Analysis of Rectangular Microstrip Array Antenna Fed Through Microstrip Lines With Step Change in Width	Tarun Kumar Kanade, Alok K. Rastogi, Sunil Mishra, Vijay D. Chaudhari	Electronics and Telecommunication	Springer Nature Singapore, Advanced Intelligent System Computing (AISC), vol. 1354, pp. 488-496 ISBN: 978-981-16-2008-9	2021	ISSN: 2194-5357
ELECTRONIC DIFFERENTIAL SYSTEM FOR ELECTRIC CAR	Sunil M. Khangal, Shafeeqe-Ur-Rehman, Ishwar S. Jadhav, Vijay D. Chaudhari	Electronics and Telecommunication	NIU International Journal of Human Rights Volume 8(VIII), 2021, pp.13-20	2021	ISSN: 2394 – 0298
Optimal and higher order sliding mode control for systems with disturbance rejection	Ishwar S. Jadhav, Gajanan M. Malavatkar	Electronics and Telecommunication	Springer Nature Singapore, Advanced Intelligent System Computing (AISC), Applied Information Processing System, vol. 1354, pp. 563-574, ISBN: 978-981-16-2008-9	2021	ISSN: 2194-5357
ELECTRONIC DIFFERENTIAL SYSTEM FOR ELECTRIC CAR	Sunil M. Khangal, Shafeeqe-Ur-Rehman, Ishwar S. Jadhav, Vijay D. Chaudhari	Electronics and Telecommunication	NIU International Journal of Human Rights Volume 8(VIII), 2021, pp.13-20	2021	ISSN: 2394 – 0298
Review on performance investigation of an automotive car radiator operated with nano fluid s based coolant.	Tushar A Koli	Mechanical	International Research Journal Of Engineering and Technology (IRJET), Volume 8/Issue 7 July 2021	2021	e-ISSN 2395-0056 p- ISSN 2395-0072
Preparation of Biogas by	Tushar A Koli	Mech	International Research Journal Of Engineering	2021	e-ISSN

Using Multiphase Flow Digester		anical	and Technology (IRJET), Volume 8/Issue 7 July 2021		2395-0056 p- ISSN 2395-0072
A Review Experimental Investigation of an Air Conditioning System by Using Different Alloy material For Condenser.	Mayur Thakur	Mechanical	International Journal of Advanced Research in science Communication and Technology Development (IJARSCT) Volume 2, Issue 1	2021	ISSN 2581-9429 Cert. No-72022-A2224
Forced Convection Solar Drier System.	Pravin S.Patil	Mechanical	International Research Journal Of Modernization in Engineering Technology and Science (IRJMETS), Volume 4/Issue 6 June 2022	2021	ISSN 2582-5208 Cert. ID-IRJMETS40600216286
Parabolic Solar Water Heater	Pravin S.Patil	Mechanical	International Journal of Advanced Research in science Communication and Technology Development (IJARSCT) Volume 2, Issue 2 June 2022	2021	ISSN 2581-9429 Cert. No-062022-A2436
Box transport Mechanism	Yogesh p.vanjari	Mechanical	International Journal of Innovations in Engineering and Science (IJIES) Volume 6	2021	ISSN 2456-3463
Design and Development of Solar Grass Cutter	Yogesh p.vanjari	Mechanical	International Journal of Innovations in Engineering and Science (IJIES) Volume 6	2021	ISSN 2456-3463
Floor Cleaning Machine	Pankaj Bode	Mechanical	International Journal of Innovations in Engineering and Science (IJIES) Volume 6	2022	ISSN 2456-3463
Pedal Operated Water Purifier	Kishor M. Mahajan	Mechanical	International Research Journal Of Modernization in Engineering Technology and Science (IRJMETS), Volume 4/Issue 7 July 2022	2022	ISSN 2582-5208 Cert. ID-IRJMETS40700032123
Solar Bucket Conveyer	Pravin S.Patil	Mechanical	International Journal of Innovations in Engineering and Science (IJIES) Volume 6	2022	ISSN 2456-3463
Solar Powered sand Filter and separator	Pravin S.Patil	Mech	International Journal of Advanced Research in	2022	ISSN 2581-

machine		anical	science Communication and Technology Development (IJARSCT)Volume 2, Issue 6 june 2022		9429 Cert. No-062022-A1540
A review on solar biomass hybrid dryer	Prof.T.A.Koli	Mechanical	Europien Ehemical Bulletin	2022	2063-5346
Thermal analysis of cavity design wall by using insulating material	Prof.T.A.Koli	Mechanical	International Journal of creative research thought	2022	2320-2882
A review paper on box type solar cooker combined with water heater	Prof.T.A.Koli	Mechanical	International Research Journal of Engineering and Technology	2022	2395-0056 e-ISSN
Pedal operated water purifyer	Prof.K.M.Mahajan	Mechanical	International Research Journal of Modernization in Engineering Technology and science	2022	2395-0056 e-ISSN
A review on solar biomass hybrid dryer	Prof.K.M.Mahajan	Mechanical	Europian Chemical Bulletin	2022	2063-5346
Multiple attribute decision making methods helps in logically selection of chaff cutting machine blades	Prof.H.R.Nehete	Mechanical	Europian Chemical Bulletin	2022	2063-5346
Cooperative Spectrum Sensing using Rule based Hard Decision and Soft Decision with Bayesian Optimized Support Vector Machine	A D Vishwakarma	E&TC	International Journal of Intelligent Engineering and Systems	2022	ISSN-2185-310X ,E-ISSN:2185-3118
Security monitoring and self control system for home	A D Vishwakarma	E&TC	International Journal of Innovations in Engineering and Science	2023	ISSN-2456-3463, Vol. 8, No. 10, pp.1-5
Raspberry Pi Based Assistive System for Bedridden Persons	A D Vishwakarma	E&TC	International Journal of Innovations in Engineering and Science	2023	ISSN-2456-3463, Vol. 8, No. 8, pp.7-12
Plant Nurturing and Disease Detection	A D Vishwakarma	E&TC	International Journal of Innovations in	2023	ISSN-

System			Engineering and Science		2456-3463, Vol. 8, No. 8, pp.17-22
Raspberry Pi Based Assistive System for Bedridden Persons	Vijay D Chaudhari	E&TC	International Journal of Innovations in Engineering and Science	2023	ISSN-2456-3463, Vol. 8, No. 8, pp.7-12
Object Based Vehicle Track Navigation System	Vijay D Chaudhari	E&TC	International Journal of Innovations in Engineering and Science	2023	ISSN-2456-3463, Vol. 8, No. 8, pp.1-6
Embedded Sensors in Work Clothing to Provide Health Data of Workers	Vijay D Chaudhari	E&TC	International Journal of Innovations in Engineering and Science	2023	ISSN-2456-3463, Vol. 8, No. 8, pp.1-6
Plant Nurturing and Disease Detection System	Shafeeque-Ur-Rehman	E&TC	International Journal of Innovations in Engineering and Science	2023	ISSN-2456-3463, Vol. 8, No. 8, pp.17-22
Plant Nurturing and Disease Detection System	Hemraj V Dhande	E&TC	International Journal of Innovations in Engineering and Science	2023	ISSN-2456-3463, Vol. 8, No. 8, pp.17-22
Raspberry Pi Based Assistive System for Bedridden Persons	Hemraj V Dhande	E&TC	International Journal of Innovations in Engineering and Science	2023	ISSN-2456-3463, Vol. 8, No. 8, pp.7-12

Plant Nurturing and Disease Detection System	Hemant T Ingale	E&TC	International Journal of Innovations in Engineering and Science	2023	ISSN-2456-3463, Vol. 8, No. 8, pp.17-22
Raspberry Pi Based Assistive System for Bedridden Persons	Hemant T Ingale	E&TC	International Journal of Innovations in Engineering and Science	2023	ISSN-2456-3463, Vol. 8, No. 8, pp.7-12
Object Based Vehicle Track Navigation System	Hemant T Ingale	E&TC	International Journal of Innovations in Engineering and Science	2023	ISSN-2456-3463, Vol. 8, No. 8, pp.1-6
Embedded Sensors in Work Clothing to Provide Health Data of Workers	Vijay D Chaudhari	E&TC	International Journal of Innovations in Engineering and Science	2023	ISSN-2456-3463, Vol. 8, No. 8, pp.1-6
Plant Nurturing and Disease Detection System	Maheshkumar N Patil	E&TC	International Journal of Innovations in Engineering and Science	2023	ISSN-2456-3463, Vol. 8, No. 8, pp.17-22
Object Based Vehicle Track Navigation System	Rajendra V Patil	E&TC	International Journal of Innovations in Engineering and Science	2023	ISSN-2456-3463, Vol. 8, No. 8, pp.1-6
Object Based Vehicle Track Navigation System	Ishwar S Jadhav	E&TC	International Journal of Innovations in Engineering and Science	2023	ISSN-2456-3463, Vol. 8, No. 8,

					pp.1-6
Embedded Sensors in Work Clothing to Provide Health Data of Workers	Ishwar S Jadhav	E&TC	International Journal of Innovations in Engineering and Science	2023	ISSN-2456-3463, Vol. 8, No. 8, pp.1-6
Cooperative Spectrum Sensing using Rule based Hard Decision and Soft Decision with Bayesian Optimized Support Vector Machine	A D Vishwakarma	E&TC	International Journal of Intelligent Engineering and Systems	2022	ISSN-2185-310X ,E-ISSN:2185-3118
Security monitoring and self control system for home	A D Vishwakarma	E&TC	International Journal of Innovations in Engineering and Science	2023	ISSN-2456-3463, Vol. 8, No. 10, pp.1-5
Raspberry Pi Based Assistive System for Bedridden Persons	A D Vishwakarma	E&TC	International Journal of Innovations in Engineering and Science	2023	ISSN-2456-3463, Vol. 8, No. 8, pp.7-12
Plant Nurturing and Disease Detection System	A D Vishwakarma	E&TC	International Journal of Innovations in Engineering and Science	2023	ISSN-2456-3463, Vol. 8, No. 8, pp.17-22
Raspberry Pi Based Assistive System for Bedridden Persons	Vijay D Chaudhari	E&TC	International Journal of Innovations in Engineering and Science	2023	ISSN-2456-3463, Vol. 8, No. 8, pp.7-12
Object Based Vehicle Track Navigation System	Vijay D Chaudhari	E&TC	International Journal of Innovations in Engineering and Science	2023	ISSN-2456-3463, Vol.

					8, No. 8, pp.1-6
Embedded Sensors in Work Clothing to Provide Health Data of Workers	Vijay D Chaudhari	E&TC	International Journal of Innovations in Engineering and Science	2023	ISSN-2456-3463, Vol. 8, No. 8, pp.1-6
Plant Nurturing and Disease Detection System	Shafeeque-Ur-Rehman	E&TC	International Journal of Innovations in Engineering and Science	2023	ISSN-2456-3463, Vol. 8, No. 8, pp.17-22
Plant Nurturing and Disease Detection System	Hemraj V Dhande	E&TC	International Journal of Innovations in Engineering and Science	2023	ISSN-2456-3463, Vol. 8, No. 8, pp.17-22
Raspberry Pi Based Assistive System for Bedridden Persons	Hemraj V Dhande	E&TC	International Journal of Innovations in Engineering and Science	2023	ISSN-2456-3463, Vol. 8, No. 8, pp.7-12
Plant Nurturing and Disease Detection System	Hemant T Ingale	E&TC	International Journal of Innovations in Engineering and Science	2023	ISSN-2456-3463, Vol. 8, No. 8, pp.17-22
Raspberry Pi Based Assistive System for Bedridden Persons	Hemant T Ingale	E&TC	International Journal of Innovations in Engineering and Science	2023	ISSN-2456-3463, Vol. 8, No. 8, pp.7-12
Object Based Vehicle Track Navigation System	Hemant T Ingale	E&TC	International Journal of Innovations in Engineering and Science	2023	ISSN-2456-

					3463, Vol. 8, No. 8, pp.1-6
Embedded Sensors in Work Clothing to Provide Health Data of Workers	Vijay D Chaudhari	E&TC	International Journal of Innovations in Engineering and Science	2023	ISSN-2456-3463, Vol. 8, No. 8, pp.1-6
Plant Nurturing and Disease Detection System	Maheshkumar N Patil	E&TC	International Journal of Innovations in Engineering and Science	2023	ISSN-2456-3463, Vol. 8, No. 8, pp.17-22
Object Based Vehicle Track Navigation System	Rajendra V Patil	E&TC	International Journal of Innovations in Engineering and Science	2023	ISSN-2456-3463, Vol. 8, No. 8, pp.1-6
Object Based Vehicle Track Navigation System	Ishwar S Jadhav	E&TC	International Journal of Innovations in Engineering and Science	2023	ISSN-2456-3463, Vol. 8, No. 8, pp.1-6
Embedded Sensors in Work Clothing to Provide Health Data of Workers	Ishwar S Jadhav	E&TC	International Journal of Innovations in Engineering and Science	2023	ISSN-2456-3463, Vol. 8, No. 8, pp.1-6

Books and chapters in edited volumes/books published & papers in national/ international conference

2022-23	2021-22	2020-21	2019-20	2018-19
26	20	27	02	99

	Name of the teacher	Title of the paper	Name of the conference	National / International	Calendar Year of publication	ISBN number of the proceeding	Name of the publisher
1	Hemraj V. Dhande	Hostel Rooms Power Management and Monitoring Using Internet-of-Things	Computing, Communication and Signal Processing book (Chapter-19, Springer-AISC series vol.810 (© Springer Nature Singapore, 2019)	International	2018	ISBN: 978-98-113151-38	Springer Nature
2	Hemant T. Ingale	Hostel Rooms Power Management and Monitoring Using Internet-of-Things	Computing, Communication and Signal Processing book (Chapter-19, Springer-AISC series vol.810 (© Springer Nature Singapore, 2019)	International	2018	ISBN: 978-98-113151-38	Springer Nature
3	Vijay D. chaudhari	Hostel Rooms Power Management and Monitoring Using Internet-of-Things	Computing, Communication and Signal Processing book (Chapter-19, Springer-AISC series vol.810 (© Springer Nature Singapore, 2019)	International	2018	ISBN: 978-98-113151-38	Springer Nature
4	Saroj D. Patil, Nitin N. Bhole, R. B. Waghulade	Nano sized ZnO: Synthesis, Characterisation And Gas Sensing	Proceedings of NACCTEST-2018	National	2018	2456-3463	Innovative scientific publication, Nagpur, India
5	Patil Lalita B.	Techniques of pollution control in construction	Proceedings of NACCTEST-2018	National	2018	2456-3463	Innovative scientific publication, Nagpur, India
6	Darshan Patil, Mayur	Solar Powered Water	Proceedings of	National	2018	2456-3463	Innovative

	Patil, Vishnu Shirsagar, Apurva Nemade, Gaurav kolte, MaheshPatil	Dispencer	NACCTEST-2018				scientific publication, Nagpur, India
7	Sachin Maheshri, SonuWarkhade, Sagar Chaudhari, Diptee Patil, Harshal Pawar	Automatic Power Factor Correction	Proceedings of NACCTEST-2018	National	2018	2456-3463	Innovative scientific publication, Nagpur, India
8	Sachin Maheshri, Ritesh Patil , Hemant Avasrmal , Shubham Bhad	Solar Based Grass Cutter Machine	Proceedings of NACCTEST-2018	National	2018	2456-3463	Innovative scientific publication, Nagpur, India
9	Shubham Chaudhari, Girish Mali, Mahesh Kasar, Amar Bagul, Atul Barahate	GSM Based Three Phase Induction Motor Protection and Control	Proceedings of NACCTEST-2018	National	2018	2456-3463	Innovative scientific publication, Nagpur, India
10	Mahesh H. Patil, Tushar S. Patil, Shubham S. Patil, Madhuri R. Patil,	Analysis Of Solar Small Size 100 Va Inverter For 55Watt Led TV	Proceedings of NACCTEST-2018	National	2018	2456-3463	Innovative scientific publication, Nagpur, India
11	Vijay Choudhary, Sagar Kale,Shubham More, Mahesh Patil, Bharat Patil	PLC Based Object Sorting According To Height	Proceedings of NACCTEST-2018	National	2018	2456-3463	Innovative scientific publication, Nagpur, India
12	Vijay Chaudhary, Mohd AdilPinjari, Shaikh Nadeem, Rahul Badgujar, Rahul Lokhande	Brushless Dc Motor Speed Control Using Microcontroller	Proceedings of NACCTEST-2018	National	2018	2456-3463	Innovative scientific publication, Nagpur, India
13	Sushil Kale, Pankaj Bari, Nikita Dhake, Dipak Patil, Atul Barhate, Amit Borole,	Grid Synchronized Voltage Source Inverter Controlled By Using PI Controller	Proceedings of NACCTEST-2018	National	2018	2456-3463	Innovative scientific publication, Nagpur, India
14	Dinesh Sangle,	Electrical Hoist	Proceedings of	National	2018	2456-3463	Innovative

	BhushanGunjal, PankajShelake, Rahul Rajput,		NACCTEST-2018				scientific publication, Nagpur, India
15	Hemant R. Bhagat, Dr.V. G. Arajpure	Reliability of Mathematical model in Cupola Furnace	Proceedings of NACCTEST-2018	National	2018	2456-3463	Innovative scientific publication, Nagpur, India
16	Nandkishor M. Sawai,Dr. V. G. Arajpure Dr. C. C. Handa	Throwing Profile and Tools on the Potter's Wheel for The Production in the Pottery: A Critical Review	Proceedings of NACCTEST-2018	National	2018	2456-3463	Innovative scientific publication, Nagpur, India
17	Nilesh T. Waykole , Tushar A. Koli, Dr.Vijay H. Patil	Investigation of MPFI System using Magnetism for Petrol Engine Enhancement	Proceedings of NACCTEST-2018	National	2018	2456-3463	Innovative scientific publication, Nagpur, India
18	Salunke Rahul Prabhakar, Chaudhari Homraj Ashok,Patil Mahendra Shantaram, Valvi Sharad Surupsing, Chandankar Pradnya Milind, Prof. M.P.Thakur	A Review on Hill Descend Control System for Vehicle	Proceedings of NACCTEST-2018	National	2018	2456-3463	Innovative scientific publication, Nagpur, India
19	Vaibhav Patil, Amol Mundokar, Yogendra Patil, Swapnil Suryavanshi, Samadhan Bhutekar, K.M.Mahajan	Review on Design of Stationary Spindle Swaging Machine	Proceedings of NACCTEST-2018	National	2018	2456-3463	Innovative scientific publication, Nagpur, India
20	Mr. Abhyuday Joshi, Mr. Girish Patil, Mr. Lalit Rane, Mr.	A Review on Design of Hydraulic Mold Splitter and Tipper	Proceedings of NACCTEST-2018	National	2018	2456-3463	Innovative scientific publication,

	Ravindra Patil, Prof. Tushar Koli	Equipment					Nagpur, India
21	Shailendra Sakharam Wani, Dr. V. G. Arajpure	Comparative Analysis of Metallic & Non Metallic Spur Gear – A Review	Proceedings of NACCTEST-2018	National	2018	2456-3463	Innovative scientific publication, Nagpur, India
22	Prof.Y.J.Wagh, Dr.V.G.Arajpure, Prof.S.D.Galande	Design and Fabrication of Prototype Automatic Braking System and Pneumatic Bumper for Automotives	Proceedings of NACCTEST-2018	National	2018	2456-3463	Innovative scientific publication, Nagpur, India
23	Nilesh Vishvasrao Suryawanshi , Rakesh Dhansing Pawara, SK. Altamash SK Qadir, Shubham Sanjay Pate, Prashant Ashok Patil, Prof. Vijay S. Chavan	A Review on Design and Fabrication of Brush Making Machine	Proceedings of NACCTEST-2018	National	2018	2456-3463	Innovative scientific publication, Nagpur, India
24	S. M. Wani, A. R. Bang, H. S. Rane, A. D. Bagul, Dr. V. G. Arajpure	Implementation of Process Capability Study to Improve the Quality of the Piston Manufacturing Process in Batch Production	Proceedings of NACCTEST-2018	National	2018	2456-3463	Innovative scientific publication, Nagpur, India
25	Mr.Jagtap Vinayak , Mr.Vyas Mahesh, Mr. Mahajan Chetan,Mr. Soni Vijay, Mr. Bonde Pankaj, Prof. Talha Ahmed	A Review Paper On Chairless Chair	Proceedings of NACCTEST-2018	National	2018	2456-3463	Innovative scientific publication, Nagpur, India
26	Patil Tejas Sanjay, Patil Dhanraj Gulabrao,	A Review On Automatic Tyre	Proceedings of NACCTEST-2018	National	2018	2456-3463	Innovative scientific

	Nikum Mayur, Chandrakant , Pawar Rohit Shamkant, Pingale Mayur Suresh, Dr. V H Patil	Inflation System					publication, Nagpur, India
27	Mr. Aakash Shinde , Mr. Danish Khan, Mr. Pawan Deore, Mr. Kunal Sonawane, Mr. Rehan Shaikh, Dr. V. H. Patil	A Review On Manufacturing Of Cooling Tower	Proceedings of NACCTEST-2018	National	2018	2456-3463	Innovative scientific publication, Nagpur, India
28	Miss. H.G.Nathjogi, Mr. V. G. Nathjogi, Prof. Tushar A. Koli Dr.V.H.Patil	Design of Compact Condenser for Heat Recovery and COP Enhancement of Domestic Refrigerator	Proceedings of NACCTEST-2018	National	2018	2456-3463	Innovative scientific publication, Nagpur, India
29	Kishor M. Mahajan, Tushar A, Koli, Dr. V. H. Patil	Energy Involvement in the Transportation of Building Materials	Proceedings of NACCTEST-2018	National	2018	2456-3463	Innovative scientific publication, Nagpur, India
30	Bhatu Bornare, Tushar A Koli	Experimental and Finite Element Analysis of Bending Effect on Leaf Spring.	Proceedings of NACCTEST-2018	National	2018	2456-3463	Innovative scientific publication, Nagpur, India
31	Shahnawaz Khan, Khan Naved, Behere Kamlesh, Deepesh Chaudhari Pinjari Salman, Prof. Mayur Thakur	Performance Improvement of Vortex Tube, By Varying Inside Surface Roughness of Cylindrical Hot Tubes	Proceedings of NACCTEST-2018	National	2018	2456-3463	Innovative scientific publication, Nagpur, India
32	Kumbhar Shanteshwar I., Koli Tushar A., Thakur.M.P.	Maximising the Heat Transfer Through Fins Using CFD as a Tool	Proceedings of NACCTEST-2018	National	2018	2456-3463	Innovative scientific publication, Nagpur, India

33	Salve Mohanraj Tushar A. Koli,Dr.V.H.Patil	Experimental Set Up For Measurement of Strain by Using Strain Gauges on Simply Supported Beam and Analysis on ANSYS	Proceedings of NACCTEST-2018	National	2018	2456-3463	Innovative scientific publication, Nagpur, India
34	P.P.Gawande, Tushar A Koli,Dr.V. H.Patil	A Review on Design Development of Interchangeable Tool Head and Auto-Feed Table Mechanism for Portable Orbital Form Riveter	Proceedings of NACCTEST-2018	National	2018	2456-3463	Innovative scientific publication, Nagpur, India
35	Mr. Pramod Gosavi	Public cloud for academic stuff	Proceedings of NACCTEST-2018	National	2018	2456-3463	Innovative scientific publication, Nagpur, India
36	Nilesh Chaudhary	Survey on secure health care technology based on BSD care	Proceedings of NACCTEST-2018	National	2018	2456-3463	Innovative scientific publication, Nagpur, India
37	Ashfaque shaikh,Nilesh Chaudhary	Improved data mining based prediction of user behaviour through sessions	Proceedings of NACCTEST-2018	National	2018	2456-3463	Innovative scientific publication, Nagpur, India
38	Ashfaque shaikh	Priority based algorithm for automatic question paper generation	Proceedings of NACCTEST-2018	National	2018	2456-3463	Innovative scientific publication, Nagpur, India
39	Priya Patil, Ashfaque shaikh	ANDROID BASED WASTE FOOD MANAGEMENT USING FOOD PREVENTION	Proceedings of NACCTEST-2018	National	2018	2456-3463	Innovative scientific publication, Nagpur, India

		STRATEGIES					
40	Priya Patil,Nilesh Chaudhary Renuka Deshpande	Survey on prediction instructor performance using data mining techniques	Proceedings of NACCTEST-2018	National	2018	2456-3463	Innovative scientific publication, Nagpur, India
41	Madhuri Zavar	Android based smart attendance system	Proceedings of NACCTEST-2018	National	2018	2456-3463	Innovative scientific publication, Nagpur, India
42	Rupal Patil	Academic teaching plan	Proceedings of NACCTEST-2018	National	2018	2456-3463	Innovative scientific publication, Nagpur, India
43	Nilesh Vani	Student information management system	Proceedings of NACCTEST-2018	National	2018	2456-3463	Innovative scientific publication, Nagpur, India
44	Nilesh Vani	A Review on retinex based image enhancement techniques	Proceedings of NACCTEST-2018	National	2018	2456-3463	Innovative scientific publication, Nagpur, India
45	Rahul Gaikwad	Medical imaging using deep learning	Proceedings of NACCTEST-2018	National	2018	2456-3463	Innovative scientific publication, Nagpur, India
46	Rahul Gaikwad	Campus navigation Campus navigation android application on	Proceedings of NACCTEST-2018	National	2018	2456-3463	Innovative scientific publication, Nagpur, India
47	Rahul Gaikwad	Analysis of multiple link failures in MPLS Network	Proceedings of NACCTEST-2018	National	2018	2456-3463	Innovative scientific publication, Nagpur, India

48	Mr. Pramod Gosavi Rahul Gaikwad	Finger matching using ratio of relational distances & point matching	Proceedings of NACCTEST-2018	National	2018	2456-3463	Innovative scientific publication, Nagpur, India
49	Rahul Gaikwad	Blockchain technology- a survey	Proceedings of NACCTEST-2018	National	2018	2456-3463	Innovative scientific publication, Nagpur, India
50	Ganesh Chavan	Software for training & placement	Proceedings of NACCTEST-2018	National	2018	2456-3463	Innovative scientific publication, Nagpur, India
51	Rais Khan	Computer & network security	Proceedings of NACCTEST-2018	National	2018	2456-3463	Innovative scientific publication, Nagpur, India
52	H. T. Ingale	Intelligent Medicine Tray for ICUs in Hospitals: A Literature Review	Proceedings of NACCTEST-2018	National	2018	2456-3463	Innovative scientific publication, Nagpur, India
53	H. T. Ingale	Solar Parameter Simulation	Proceedings of NACCTEST-2018	National	2018	2456-3463	Innovative scientific publication, Nagpur, India
54	H. T. Ingale	Literature Survey OF Industrial Monitoring & Fault Detection	Proceedings of NACCTEST-2018	National	2018	2456-3463	Innovative scientific publication, Nagpur, India
55	H. T. Ingale	Literature Survey On Robotics In Medical Field	Proceedings of NACCTEST-2018	National	2018	2456-3463	Innovative scientific publication, Nagpur, India
56	H. T. Ingale	Nano Structured Solar Cell	Proceedings of NACCTEST-2018	National	2018	2456-3463	Innovative scientific

							publication, Nagpur, India
57	H. T. Ingale	Hostel Rooms Power Management and Monitoring Using Internet-of-Things	Proceedings of 3rd International Conference ICCASP-2018	International	2018	2456-3463	Innovative scientific publication, Nagpur, India
58	R. V. Patil	Survey on Printed Antenna for Wireless Communication	Proceedings of NACCTEST-2018	National	2018	2456-3463	Innovative scientific publication, Nagpur, India
59	R. V. Patil	Survey Paper on Bimodel Biometric Authentication System	Proceedings of NACCTEST-2018	National	2018	2456-3463	Innovative scientific publication, Nagpur, India
60	R. V. Patil	Literature Survey On Robotics In Medical Field	Proceedings of NACCTEST-2018	National	2018	2456-3463	Innovative scientific publication, Nagpur, India
61	I. S. Jadhav	Intelligent Medicine Tray for ICUs in Hospitals: A Literature Review	Proceedings of NACCTEST-2018	National	2018	2456-3463	Innovative scientific publication, Nagpur, India
62	I. S. Jadhav	Biometric Authentication By Using Face Recognition	Proceedings of NACCTEST-2018	National	2018	2456-3463	Innovative scientific publication, Nagpur, India
63	I. S. Jadhav	Study Of CAN Bus In Autonomous Of All Terrain Vehicle	Proceedings of NACCTEST-2018	National	2018	2456-3463	Innovative scientific publication, Nagpur, India
64	I. S. Jadhav	Smart Weighing Scales in Shopping Malls: A Critical Review	Proceedings of NACCTEST-2018	National	2018	2456-3463	Innovative scientific publication, Nagpur, India

65	Shafiquee S. Ahemad	Survey Paper on Bimodel Biometric Authentication System	Proceedings of NACCTEST-2018	National	2018	2456-3463	Innovative scientific publication, Nagpur, India
66	Shafiquee S. Ahemad	Study Of CAN Bus In Autonomous Of All Terrain Vehicle	Proceedings of NACCTEST-2018	National	2018	2456-3463	Innovative scientific publication, Nagpur, India
67	Shafiquee S. Ahemad	Smart Weighing Scales in Shopping Malls: A Critical Review	Proceedings of NACCTEST-2018	National	2018	2456-3463	Innovative scientific publication, Nagpur, India
68	Shafiquee S. Ahemad	Thermal Imaging in Electronics: A Review	Proceedings of NACCTEST-2018	National	2018	2456-3463	Innovative scientific publication, Nagpur, India
69	M. N. Patil	Survey on Printed Antenna for Wireless Communication	Proceedings of NACCTEST-2018	National	2018	2456-3463	Innovative scientific publication, Nagpur, India
70	M. N. Patil	Survey On Fractal Antenna For Wireless Communication	Proceedings of NACCTEST-2018	National	2018	2456-3463	Innovative scientific publication, Nagpur, India
71	M. N. Patil	Nano Structured Solar Cell	Proceedings of NACCTEST-2018	National	2018	2456-3463	Innovative scientific publication, Nagpur, India
72	M. N. Patil	Comprehensive Survey on Thermal Challenges In Electronics Circuits	Proceedings of NACCTEST-2018	National	2018	2456-3463	Innovative scientific publication, Nagpur, India
73	H. V. Dhande	A Survey on Various Traffic Management	Proceedings of NACCTEST-2018	National	2018	2456-3463	Innovative scientific

		Schemes for Traffic Clearance and Emergency Vehicles					publication, Nagpur, India
74	H. V. Dhande	A Survey on Speaker Identification System	Proceedings of NACCTEST-2018	National	2018	2456-3463	Innovative scientific publication, Nagpur, India
75	H. V. Dhande	Literature Survey On Robotics In Medical Field	Proceedings of NACCTEST-2018	National	2018	2456-3463	Innovative scientific publication, Nagpur, India
76	H. V. Dhande	Smart Weighing Scales in Shopping Malls: A Critical Review	Proceedings of NACCTEST-2018	National	2018	2456-3463	Innovative scientific publication, Nagpur, India
77	H. V. Dhande	Hostel Rooms Power Management and Monitoring Using Internet-of-Things	Proceedings of 3rd International Conference ICCASP-2018	International	2018	2456-3463	Innovative scientific publication, Nagpur, India
78	V. D. Chaudhari	Hostel Rooms Power Management and Monitoring Using Internet-of-Things	Proceedings of 3rd International Conference ICCASP-2018	International	2018	2456-3463	Innovative scientific publication, Nagpur, India
79	V. D. Chaudhari	Investigation of Microstrip Circular Patch Antenna and Step Discontinuities in Feed Line	Proceedings of NACCTEST-2018	National	2018	2456-3463	Innovative scientific publication, Nagpur, India
80	V. D. Chaudhari	Intelligent Medicine Tray for ICUs in Hospitals: A Literature Review	Proceedings of NACCTEST-2018	National	2018	2456-3463	Innovative scientific publication, Nagpur, India
81	V. D. Chaudhari	A Survey on Various Traffic Management	Proceedings of NACCTEST-2018	National	2018	2456-3463	Innovative scientific

		Schemes for Traffic Clearance and Emergency Vehicles					publication, Nagpur, India
82	V. D. Chaudhari	Edge Mesh: A New Paradigm to Enable Distributed Intelligence in Internet of Things	Proceedings of NACCTEST-2018	National	2018	2456-3463	Innovative scientific publication, Nagpur, India
83	V. D. Chaudhari	Survey On Fractal Antenna For Wireless Communication	Proceedings of NACCTEST-2018	National	2018	2456-3463	Innovative scientific publication, Nagpur, India
84	V. D. Chaudhari	Solar Parameter Simulation	Proceedings of NACCTEST-2018	National	2018	2456-3463	Innovative scientific publication, Nagpur, India
85	V. D. Chaudhari	Electromagnetic Interference Improvement In Electronics Circuits	Proceedings of NACCTEST-2018	National	2018	2456-3463	Innovative scientific publication, Nagpur, India
86	V. D. Chaudhari	Literature Survey OF Industrial Monitoring & Fault Detection	Proceedings of NACCTEST-2018	National	2018	2456-3463	Innovative scientific publication, Nagpur, India
87	V. D. Chaudhari	Nano Structured Solar Cell	Proceedings of NACCTEST-2018	National	2018	2456-3463	Innovative scientific publication, Nagpur, India
88	V. D. Chaudhari	Comprehensive Survey on Thermal Challenges In Electronics Circuits	Proceedings of NACCTEST-2018	National	2018	2456-3463	Innovative scientific publication, Nagpur, India
89	V. D. Chaudhari	Smart Weighing Scales in Shopping	Proceedings of NACCTEST-2018	National	2018	2456-3463	Innovative scientific

		Malls: A Critical Review					publication, Nagpur, India
90	V. D. Chaudhari	A Survey of Advertising & Digital Marketing on performance of Indian Telecomm Companies	Proceedings of NACCTEST-2018	National	2018	2456-3463	Innovative scientific publication, Nagpur, India
91	A. D. Vishwakarma	PLC Based Automatic Car Washing	Proceedings of NACCTEST-2018	National	2018	2456-3463	Innovative scientific publication, Nagpur, India
92	A. D. Vishwakarma	Edge Mesh: A New Paradigm to Enable Distributed Intelligence in Internet of Things	Proceedings of NACCTEST-2018	National	2018	2456-3463	Innovative scientific publication, Nagpur, India
93	A. D. Vishwakarma	Study Of CAN Bus In Autonomous Of All Terrain Vehicle	Proceedings of NACCTEST-2018	National	2018	2456-3463	Innovative scientific publication, Nagpur, India
94	D. P. Marathe	Edge Mesh: A New Paradigm to Enable Distributed Intelligence in Internet of Things	Proceedings of NACCTEST-2018	National	2018	2456-3463	Innovative scientific publication, Nagpur, India
95	D. P. Marathe	Solar Parameter Simulation	Proceedings of NACCTEST-2018	National	2018	2456-3463	Innovative scientific publication, Nagpur, India
96	D. P. Marathe	Electromagnetic Interference Improvement In Electronics Circuits	Proceedings of NACCTEST-2018	National	2018	2456-3463	Innovative scientific publication, Nagpur, India

97	D. P. Marathe	Biometric Authentication By Using Face Recognition	Proceedings of NACCTEST-2018	National	2018	2456-3463	Innovative scientific publication, Nagpur, India
98	D. P. Marathe	Smart Weighing Scales in Shopping Malls: A Critical Review	Proceedings of NACCTEST-2018	National	2018	2456-3463	Innovative scientific publication, Nagpur, India
99	D. P. Marathe	Thermal Imaging in Electronics: A Review	Proceedings of NACCTEST-2018	National	2018	2456-3463	Innovative scientific publication, Nagpur, India
100	Vijay D. Chaudhari	Analysis of Managing The Traffic on Highway Passing Through City	Transforming Through Reinvention In The Current Emerging Global Order 2020	National	2020	ISBN : 978-93-90288-49-6	Atharva Publications, Jalgaon
101	Vijay D. Chaudhari	A Comprehensive go-through in Road Traffic Regulation Intelligent System and Scope Ahead	Proceedings of National Conference on Recent Trends in Electronics and Communication Engineering - 2020 (NCRT-ECE-2020)	National	2020	ISBN: 978-93-87113-22-0	Publish World, India
102	Vijay D. Chaudhari	Optimization of Rectangular Microstrip Array Antenna Fed Through Microstrip Lines With Step Discontinuities	AISC Applied Information Processing System, Proceedings of ICCET-2021	International	2021	ISBN: 978-981-16-2008-9	Springer Nature
103	M H Patil	Design of Rooftop Solar Power Plant 4.5kW	Proceedings International Conference on Recent Advances in Engineering Science and Technology 2021	International	2021	ISBN 978-81-949989-6-9	Innovative scientific publication, Nagpur, India

104	M H Patil	IOT Based Solar Power Monitoring System	Proceedings International Conference on Recent Advances in Engineering Science and Technology 2022	International	2021	ISBN 978-81-949989-6-10	Innovative scientific publication, Nagpur, India
105	M H Patil	Dual Axis Solar Tracking System	Proceedings International Conference on Recent Advances in Engineering Science and Technology 2022	International	2021	ISBN 978-81-949989-6-11	Innovative scientific publication, Nagpur, India
106	Atul A Barhate	Pick And Place Automation	Proceedings International Conference on Recent Advances in Engineering Science and Technology 2022	International	2021	ISBN 978-81-949989-6-12	Innovative scientific publication, Nagpur, India
107	Sachin R. Maheshri	A Review on Development of Hardware Internet of Thing based Auto-Isolator for Feeder	Proceedings International Conference on Recent Advances in Engineering Science and Technology 2023	International	2021	ISBN 978-81-949989-6-13	Innovative scientific publication, Nagpur, India
108	Sachin R. Maheshri	Review on Development of Software Internet of Thing based Auto-Isolator for Feeder	Proceedings International Conference on Recent Advances in Engineering Science and Technology 2024	International	2021	ISBN 978-81-949989-6-14	Innovative scientific publication, Nagpur, India
109	M H Patil	Smart Irrigation System Using Arduino	Proceedings International Conference on Recent Advances in Engineering	International	2021	ISBN 978-81-949989-6-15	Innovative scientific publication, Nagpur, India

			Science and Technology 2025				
110	Hemant T. Ingale	Comprehensive Literature Review on Raspberry pi based text reading system for visually impaired persons	Proceedings of the One day virtual International Conference on Recent Advances in Engineering, Sciences and Technology (ICRAEST-2021), pp.04	International	2021	ISBN: 978-81-949989-6-9	Innovative Scientific Publication, Nagpur
111	Hemant T. Ingale	Crowd Analysis and Mask Detection using Raspberry Pi-3	Proceedings of the One day virtual International Conference on Recent Advances in Engineering, Sciences and Technology (ICRAEST-2021), pp.05	International	2021	ISBN: 978-81-949989-6-9	Innovative Scientific Publication, Nagpur
112	Vijay D. Chaudhari	Analysis of Rectangular Microstrip Array Antenna Fed Through Microstrip Lines With Step Change in Width	Proceedings of the International Conference on Computing in Engineering and Technology (ICCET 2021)	International	2021	ISBN: 978-981-16-2008-9	Springer Nature Singapore
113	Vijay D. Chaudhari	REAL TIME STREET LIGHT AUTOMATION USING ARDUINO	Proceedings of the One day virtual International Conference on Recent Advances in Engineering, Sciences and Technology (ICRAEST-2021), pp. 02	International	2021	ISBN: 978-81-949989-6-9	Innovative Scientific Publication, Nagpur
114	V. D. Chaudhari	IOT BASED SMART AGRICULTURE SYSTEM	Proceedings of the One day virtual International Conference on Recent Advances in Engineering, Sciences	International	2021	ISBN: 978-81-949989-6-9	Innovative Scientific Publication, Nagpur

			and Technology (ICRAEST-2021), pp. 03				
115	V. D. Chaudhari	Comprehensive Literature Review on Raspberry pi based text reading system for visually impaired persons	Proceedings of the One day virtual International Conference on Recent Advances in Engineering, Sciences and Technology (ICRAEST-2021)	International	2021	ISBN: 978-81-949989-6-9	Innovative Scientific Publication, Nagpur
116	Ishwar Shenfadu Jadhav	Simulation and Analysis of Inverted Pendulum with SMC Technique	Proceedings of the International Conference on Global Trends in Engineering & Technology, (ICGTET-2020-21)	International	2021	ISBN: 978-81-949989-6-9	Innovative Scientific Publication, Nagpur
117	Ishwar Shenfadu Jadhav	Optimal and higher order sliding mode control for systems with disturbance rejection	Proceedings of the International Conference on Computing in Engineering and Technology (ICCET 2021)	International	2021	ISBN: 978-981-16-2008-9	Springer Nature Singapore
118	Ishwar S. Jadhav	Comprehensive Literature Review on Raspberry pi based text reading system for visually impaired persons	Proceedings of the One day virtual International Conference on Recent Advances in Engineering, Sciences and Technology (ICRAEST-2021), pp.04	International	2021	ISBN: 978-81-949989-6-9	Innovative Scientific Publication, Nagpur
119	Shafeeque Ur Rehman Ansari	IOT BASED SMART AGRICULTURE SYSTEM	Proceedings of the One day virtual International Conference on Recent Advances in Engineering, Sciences and Technology	International	2021	ISBN: 978-81-949989-6-9	Innovative Scientific Publication, Nagpur

			(ICRAEST-2021) pp. 03				
120	A. D. Vishwakarma	Comprehensive Literature Review on Raspberry pi based text reading system for visually impaired persons	Proceedings of the One day virtual International Conference on Recent Advances in Engineering, Sciences and Technology (ICRAEST-2021), pp.04	International	2021	ISBN: 978-81-949989-6-9	Innovative Scientific Publication, Nagpur
121	A. D. Vishwakarma	IOT BASED SMART AGRICULTURE SYSTEM	Proceedings of the One day virtual International Conference on Recent Advances in Engineering, Sciences and Technology (ICRAEST-2021), pp. 03	International	2021	ISBN: 978-81-949989-6-9	Innovative Scientific Publication, Nagpur
122	Hemraj V. Dhande	Gesture Controlled Mouse Using Arduino	Proceedings of the One day virtual International Conference on Recent Advances in Engineering, Sciences and Technology (ICRAEST-2021), pp.05	International	2021	ISBN: 978-81-949989-6-9	Innovative Scientific Publication, Nagpur
123	H. V. Dhande	A Review on Home Security Embedded Systems Using IoT	Proceedings of the One day virtual International Conference on Recent Advances in Engineering, Sciences and Technology (ICRAEST-2021), pp.04	International	2021	ISBN: 978-81-949989-6-9	Innovative Scientific Publication, Nagpur
124	R. V. Patil	A Review on Home Security Embedded Systems Using IoT	Proceedings of the One day virtual International Conference on Recent Advances in Engineering, Sciences	International	2021	ISBN: 978-81-949989-6-9	Innovative Scientific Publication, Nagpur

			and Technology (ICRAEST-2021), pp.04				
125	M. N. Patil	A Review on Home Security Embedded Systems Using IoT	Proceedings of the One day virtual International Conference on Recent Advances in Engineering, Sciences and Technology (ICRAEST-2021), pp.04	International	2021	ISBN: 978-81-949989-6-9	Innovative Scientific Publication, Nagpur
126	D. P. Marathe	A Review on Home Security Embedded Systems Using IoT	Proceedings of the One day virtual International Conference on Recent Advances in Engineering, Sciences and Technology (ICRAEST-2021), pp.04	International	2021	ISBN: 978-81-949989-6-9	Innovative Scientific Publication, Nagpur
127	Tushar A.Koli	A Review on Polymer Gear Applicability for Power Transmission	Proceedings of the national Conference Virtual on Recent development in mechanical Engineering RDME-2021	International	2021	e ISSN 1551-7616	AIP Publishing , USA
128	Dr. Dnyaneshwar K Kirange	Machine Learning Based Identification of Tomato Leaf Diseases at Various Stages of Development	2021 5th International Conference on Computing Methodologies and Communication (ICCMC)	International	2021	978-0-7381-1204-6	IEEE
129	Hemraj V Dhande	Entrepreneurship Development & Startup	Proceedings of ICERAEST 2023	National	2022	ISBN: 978-93-5757-574-4	Scientific International Publishing House (SIPH), (Registered under Ministry

							of SME, Govt. of India)
130	Maheshkumar N Patil	Entrepreneurship Development & Startup	Proceedings of ICERAEST 2024	National	2022	ISBN: 978-93-5757-574-4	Scientific International Publishing House (SIPH), (Registered under Ministry of SME, Govt. of India)
131	Vijay D Chaudhari	Entrepreneurship Development & Startup	Proceedings of ICERAEST 2025	National	2022	ISBN: 978-93-5757-574-4	Scientific International Publishing House (SIPH), (Registered under Ministry of SME, Govt. of India)
132	Hemraj V Dhande	Entrepreneurship Development & Startup		International	2022	ISBN: 978-93-5757-574-4	Scientific International Publishing House (SIPH), (Registered under Ministry of SME, Govt. of India)
133	Maheshkumar N Patil	Entrepreneurship Development & Startup		International	2022	ISBN: 978-93-5757-574-4	Scientific International Publishing House (SIPH), (Registered under Ministry of SME, Govt. of India)

134	Vijay D Chaudhari	Entrepreneurship Development & Startup		International	2022	ISBN: 978-93-5757-574-4	Scientific International Publishing House (SIPH), (Registered under Ministry of SME, Govt. of India)
135	Harish A Patil	Entrepreneurship Development & Startup		International	2022	ISBN: 978-93-5757-574-4	Scientific International Publishing House (SIPH), (Registered under Ministry of SME, Govt. of India)
136	Prof. Nilesh Choudhari	Anomaly Detection using Generative Adversarial Network VAE	Proceedings of International Journal of Advanced Research in Science, Communication and Technology	International	2023	2581-9429	International Journal of Advanced Research in Science, Communication and Technology
137	Vijay D Chaudhari	Raspberry pi based Assistive System for Bedridden Persons	International Conference on Recent Advances in Engineering, Science & Technology (ICRAEST-2023)	International	Mar-23	ISBN: 978-81-949989-3-8	Innovative Scientific Publication, Nagpur
138	Vijay D Chaudhari	Object based vehicle track navigation system	International Conference on Recent Advances in Engineering, Science &	International	Mar-23	ISBN: 978-81-949989-3-8	Innovative Scientific Publication, Nagpur

			Technology (ICRAEST-2023)				
139	Anilkumar D Vishwakarma	Raspberry pi based Assistive System for Bedridden Persons	International Conference on Recent Advances in Engineering, Science & Technology (ICRAEST-2023)	International	Mar-23	ISBN: 978-81-949989-3-8	Innovative Scientific Publication, Nagpur
140	Anilkumar D Vishwakarma	Plant nurturing and disease detection system	International Conference on Recent Advances in Engineering, Science & Technology (ICRAEST-2023)	International	Mar-23	ISBN: 978-81-949989-3-8	Innovative Scientific Publication, Nagpur
141	Vijay D. Chaudhari	A Comprehensive go-through in Road Traffic Regulation Intelligent System and Scope Ahead	Proceedings of National Conference on Recent Trends in Electronics and Communication Engineering - 2020 (NCRT-ECE-2020)	National	2020	ISBN: 978-93-87113-22-0	Publish World, India
142	Vijay D. Chaudhari	Analysis of Managing The Traffic on Highway Passing Through City	Proceedings of the Transforming Through Reinvention In The Current Emerging Global Order 2020 (TRCEGO-2020)	National	2020	ISBN : 978-93-90288-49-6	Atharva Publications, Jalgaon
143	Ishwar Shenfadu Jadhav	Design of Discrete Sliding mode controller for higher order system	Proceedings of the International Conference on Research in Science, Engineering & Technology, (ICRISET - 2020)	International	2020	ISBN: 978-81-949989-6-9	Innovative Scientific Publication, Nagpur
144	Tushar A.Koli	Design And Analysis of Different polymer	Proceedings of the International	International	2022	2394 - 658X	European Journal of

		Gears in feed Drive Mechanism.	conference on Tech Trends in Science and Engineering (ICTTSE)				Advances in Engineering and Technology, 2022, 9(4s):416-422
145	Mahesh H Patil	Growth of Microgrids and New Possibilities: A Review in Indian Scenario	Proceedings of the International conference on Tech Trends in Science and Engineering (ICTTSE)	International	2022	2394 - 658X	European Journal of Advances in Engineering and Technology, 2022, 9(4s):416-422
146	Prof.Prashant Shimpi	"Improved Teaching-Learning-based Optimization Algorithm to Determine Job Shop Scheduling Issues"	Proceedings of International Journal of Advanced Research in Science, Communication and Technology	International	2022	2581-9429	International Journal of Advanced Research in Science, Communication and Technology
147	Prof. Nilesh Choudhari	DETECTING FRAUDS IN CREDIT CARD USING KNN AND RANDOM FOREST MACHINE LEARNING APPROACH	Proceedings of International Journal of Creative Research thoughts	International	2022	2320-2882	International Journal of Creative Research thoughts
148	Prof. Lalita Patil	performance of black water soil reinforced with randomly distributed banana fibers	Proceedings of IGS Kochi Chapter	National	2022		IGS Kochi Chapter
149	Prof.P.S.Patil			International	2023	ISBN 978-811923274-1	Walnut Publications
150	Prof.H.R.Nehete	Design & Analysis of		International	2023	ISBN 978-	Walnut

		Leaf spring		I		811923274-1	Publications
151	Ishwar S Jadhav	Bus Monitoring and Theft Detection Using Raspberry Pi	International Conference on Recent Advances in Engineering, Science & Technology (ICRAEST-2023)	International	Jun 2023	ISBN: 978-81-962241-3-4	Innovative Scientific Publication, Nagpur
152	Hemraj V Dhande	Smart Medicine Box Using Raspberry Pi	International Conference on Recent Advances in Engineering, Science & Technology (ICRAEST-2023)	International	Jun 2023	ISBN: 978-81-962241-3-4	Innovative Scientific Publication, Nagpur
153	Maheshkumar N Patil	Fire Fighting Robot Using Raspberry Pico	International Conference on Recent Advances in Engineering, Science & Technology (ICRAEST-2023)	International	Jun 2023	ISBN: 978-81-962241-3-4	Innovative Scientific Publication, Nagpur
154	Vijay D Chaudhari	Vehicle Monitoring and Safety Driving	International Conference on Recent Advances in Engineering, Science & Technology (ICRAEST-2023)	International	Jun 2023	ISBN: 978-81-962241-3-4	Innovative Scientific Publication, Nagpur
155	Vijay D Chaudhari	Bus Monitoring and Theft Detection Using Raspberry Pi	International Conference on Recent Advances in Engineering, Science & Technology (ICRAEST-2023)	International	Jun 2023	ISBN: 978-81-962241-3-4	Innovative Scientific Publication, Nagpur
156	M H Patil	Solar PV Microgrid Model- A small Scale	International Conference on Recent	International	March 2023	ISBN 978-81-949989-	Innovative Scientific

		Indian Version	Advances in Engineering, Science & Technology (ICRAEST-2023)			3-8	Publication, Nagpur
157	Atul Barhate	TRANSFORMER INCIPIENT FAULT MONITORING USING DGA	International Conference on Recent Advances in Engineering, Science & Technology (ICRAEST-2023)	International	March 2023	ISBN 978-81-949989-3-8	Innovative Scientific Publication, Nagpur
158	Hemant T Ingale	Android Speech Recognition Notice Board Using Wi-Fi And GSM Module	International Conference on Recent Advances in Engineering, Science & Technology (ICRAEST-2023)	International	March 2023	ISBN: 978-81-962241-3-4	Innovative Scientific Publication, Nagpur
159	Hemant T Ingale	Raspberry pi based Assistive System for Bedridden Persons	International Conference on Recent Advances in Engineering, Science & Technology (ICRAEST-2023)	International	March 2023	ISBN: 978-81-949989-3-8	Innovative Scientific Publication, Nagpur
160	Hemant T Ingale	Object based vehicle track navigation system	International Conference on Recent Advances in Engineering, Science & Technology (ICRAEST-2023)	International	March 2023	ISBN: 978-81-949989-3-8	Innovative Scientific Publication, Nagpur
161	Hemant T Ingale	Plant nurturing and disease detection system	International Conference on Recent Advances in Engineering, Science & Technology (ICRAEST-2023)	International	March 2023	ISBN: 978-81-949989-3-8	Innovative Scientific Publication, Nagpur

162	Rajendra V Patil	Object based vehicle track navigation system	International Conference on Recent Advances in Engineering, Science & Technology (ICRAEST-2023)	International	March 2023	ISBN: 978-81-949989-3-8	Innovative Scientific Publication, Nagpur
163	Ishwar S Jadhav	Object based vehicle track navigation system	International Conference on Recent Advances in Engineering, Science & Technology (ICRAEST-2023)	International	March 2023	ISBN: 978-81-949989-3-8	Innovative Scientific Publication, Nagpur
164	Shafique-ur-Rehman	Plant nurturing and disease detection system	International Conference on Recent Advances in Engineering, Science & Technology (ICRAEST-2023)	International	March 2023	ISBN: 978-81-949989-3-8	Innovative Scientific Publication, Nagpur
165	Hemraj V Dhande	Raspberry pi based Assistive System for Bedridden Persons	International Conference on Recent Advances in Engineering, Science & Technology (ICRAEST-2023)	International	March 2023	ISBN: 978-81-949989-3-8	Innovative Scientific Publication, Nagpur
166	Hemraj V Dhande	Plant nurturing and disease detection system	International Conference on Recent Advances in Engineering, Science & Technology (ICRAEST-2023)	International	March 2023	ISBN: 978-81-949989-3-8	Innovative Scientific Publication, Nagpur
167	Maheshkumar N Patil	Plant nurturing and disease detection system	International Conference on Recent Advances in Engineering, Science &	International	March 2023	ISBN: 978-81-949989-3-8	Innovative Scientific Publication, Nagpur

			Technology (ICRAEST-2023)				
168	Prof. Nilesh Vani	A rerview on Dibetic Detection using Machine Learning		Internationa I	May-23	2456-3463	
169	Prof.Prashant Shimpi	"Improved Teaching-Learning-based Optimization Algorithm to Determine Job Shop Scheduling Issues"		Internationa I	May-22	2581-9429	International Journal of Advanced Research in Science, Communication and Technology
170	Prof. Nilesh Choudhari	Anomaly Detection using Generative Adversarial Network VAE		Internationa I	March 2023	2581-9429	nternational Journal of Advanced Research in Science, Communication and Technology I
171	Prof. Nilesh Choudhari	DETECTING FRAUDS IN CREDIT CARD USING KNN AND RANDOM FOREST MACHINE LEARNING APPROACH		Internationa I	Aug-22	2320-2882	International Journal of Creative Research thoughts
172	Prof. Bhavana Zambare	Pharmacy Management system		Internationa I	May-23	978-81-962241-3-4	Internatinal Journal of Innovative Engineering Sciences
173	Prof. Bhavana Zambare	Online Book Management system		Internationa I	May-23	978-81-962241-3-4	Internatinal Journal of Innovative

							Engineering Sciences
174	Prof. Nilesh Choudhari	Review on Stock Market Prediction using Machine Learning		International	May-23	978-81-962241-3-4	International Journal of Innovative Engineering Sciences

MoU /linkages with institutions/ industries

Sl. No.	Name of the institution / industry with whom the MoU / linkage is made, with contact details	Year of signing MoU / linkage	Purpose of the MoU/Linkage (Internship, on-the-job training, project work, student / faculty exchange and collaborative research)	Duration of MoU / linkage
1	TATA POWER SKILL DEVELOPMENT INSTITUTE, SHAHAD	2018-19	SKILL DEVELOPMENT AND TRAINING	2018 TO 2021
2	Technotux Solutions	2019-20	Internship, on-the-job training, project work, student / faculty exchange	2019 TO 2022
3	CADCAM Guru Solutions, PVT, LTD. Pune	2019-20	Internship, on-the-job training, project work, student / faculty exchange	2019 TO 2022
4	Chinmay Engineers Pvt. Ltd., Jalgaon	2017-18	Internship, on-the-job training, project work, student / faculty exchange	2017 TO 2020
5	Prameya Industries, Jalgaon	2017-18	Internship, on-the-job training, project work, student / faculty exchange	2017 TO 2020
6	Sumadhu Engineering Industries, Jalgaon	2017-18	Internship, on-the-job training, project work, student / faculty exchange	2017 TO 2020
7	Dipak Industries PVT LTD Jalgaon	2020-21	Internship, on-the-job training, project work, student / faculty exchange	2017 TO 2020
8	SOYO Systems PVT LTD Jalgaon	2020-21	Internship, on-the-job training, project work, student / faculty exchange	2017 TO 2020

9	Nilraj Industries PVT LTD. Jalgaon	2020-21	Internship, on-the-job training, project work, student / faculty exchange	2017 TO 2020
10	Philips India Ltd. Pune	2020-21	Expert Talk	2020 TO 2021
11	KCAD Solutions Pune	2020-21	Expert Talk	2020 TO 2021
12	Philips India Ltd	2020-21	Expert Talk	2020 TO 2021
13	ONGC Mumbai	2020-21	Expert Talk	2020 TO 2021
14	Philips India Ltd. Pune	2020-21	Expert Talk	2020 TO 2021
15	Chinmay Engineers Pvt. Ltd., Jalgaon Arun C.Nandarshi(Director)	2020-21	Internship, on-the-job training, project work, student / faculty exchange	2020 TO 2023
16	Prameya industries Shirish Bhangale(Director) 9823293414 prameya_ind@gmail.com	2020-21	Internship, on-the-job training, project work, student / faculty exchange	2020 TO 2023
17	Sumadhu industries Arun M.Borole(Director) 9422292834 arunborole26@gmail.com	2020-21	Internship, on-the-job training, project work, student / faculty exchange	2020 TO 2023
18	Techflow Group, Techflow Engineering (I) Pvt Ltd.	2020-21	Internship, on-the-job training, project work, student / faculty exchange	2022 Onwards
19	Felix Its, Pune	2020-21	Internship, on-the-job training, project work, student / faculty exchange	2022 Onwards
20	Astral Education Ltd, Northern Ireland,UK	2020-21	Internship, on-the-job training, project work, student / faculty exchange	2022 Onwards
21	Soyo Systems Private Ltd. Kishor D.Dhake (MD) 08048719035 soyopower@gmail.com	2020-21	Internship, on-the-job training, project work, student / faculty exchange	2020 TO 2023
22	NilRaj Enterprises Rajesh Lokhande (Director) 9823298064 rd_lokhande@rediffmail.com	2020-21	Internship, on-the-job training, project work, student / faculty exchange	2020 TO 2023
23	Deepak industries Deepak Narkhede (Director) 9421703830	2020-21	Internship, on-the-job training, project work, student / faculty exchange	2020 TO 2023

	deepaknarkhede@yahoo.in			
24	Sumago Infotech Pvt. Ltd. Sonali S.Gorade (CEO) 8408084888	2021-22	Internship, on-the-job training, project work, student / faculty exchange	2021 onwords
25	Edify Path Educational services Pvt Ltd, Villa No 32, G Floor, Bollinenni Homes, Madhapur, Hyderabad, telengana-81, info@edifypath.com, Phone 0404425111	2021-22	Internship, on-the-job training, project work, student / faculty exchange	2021 Onwards
26	Skill Academy by Test Book, Ashutosh Kumar, Tstbook Edu Solutions Pvt Ltd, 1st & 2nd Floor, Zion Building, Plot No 273, Sector No 10, Kharghar Navi Mumbai	2021-22	Internship, on-the-job training, project work, student / faculty exchange	2022 TO 2023
27	14 97 3rd Floor Wazir Nagar, (KMP), New Delhi 110003	2021-22	Internship, on-the-job training, project work, student / faculty exchange	2022 Onwards
28	Near Kantaai Hall, Gandhi Nagar, jilha Peth , Jalgaon Maharashtra	2021-22	Internship, on-the-job training, project work, student / faculty exchange	2022 TO 2025
29	JaiNagar, Near Omkareshwar Mandir, Jalgaon Maharashtra.	2021-22	Internship, on-the-job training, project work, student / faculty exchange	2021 Onwards
30	Eleation,Pune Apoorv Bapat (CEO) 7720040021 apoorvbapat@eleation.com	2021-22	Internship, on-the-job training, project work, student / faculty exchange	2021 onwords
31	Leva Bhratrumandal Pimpale Saudagar Purushottam S.Pimpale (Chairman) 9595406516 levabhratrumandalps@gmail.com	2021-22	Internship, on-the-job training, project work, student / faculty exchange	2021 onwords
32	Sai Lee Electroteknik Pvt Ltd Pune Mr Sandeep Hindurao Shinde 8380075575	2022-23	Internship, on-the-job training, project work, student / faculty exchange	2023 onwards
33	Dronarthra Engergy Flight Pvt Ltd Pune	2022-23	Internship, on-the-job training, project work, student / faculty exchange	2023 TO 2028
34	EXCELR Edtech Pvt Ltd Mumbai	2022-23	Internship, on-the-job training, project work, student / faculty exchange	2023 TO 2025