



## JSPM Narhe Technical Campus, Narhe, Pune

S No 12-1-2 and 12-2-2 Narhe, Taluka- Haveli, Near Sanas Crane, Pune-Bangalore Highway, Pune, Maharashtra 411041

Landmark: Navale Bridge, Behind Swami-narayan Temple Narhe

Approved By AICTE & Affiliated To Savitribai Phule Pune University. Institute Code : 6755

ACCREDITED BY NAAC



### International Conference on Joint Innovations in Sustainable Engineering, Project Management and New Transformations in Computing and Communication

IC-JSPMNTC 2024

27-28 June 2024

#### LIST OF ACCEPTED PAPERS

TRACK 1- MATERIAL SCIENCE AND MECHANICAL ENGINEERING			
Sr. No.	Paper Id	Article Title	Authors
1	MECH003	Performance Comparison of Noise and Vibration Characteristics of Constant RPM CI Engine Fueled with Biodiesel Blends	Ramesh Gawande, Dr. Suhas Sarje, Dr. Sonal Shamkuwar
2	MECH007	Antimicrobial Material for 3D printing	Aaruci Agarwalla, Dr. Waleed Ahmed, Dr. Ali. H Marzouqi
3	MECH009	Modelling, Simulation and Prototype Testing of Optimum Blade Design for a Micro-capacity Wind Turbine Applications	Mr. Nikhilesh S. Pawar, Dr. Dyaneshwar G. Kumbhar, Dr. Kailasnath B. Sutar
4	MECH010	Hydrological Factor and Slope Stability: An Experimental Approach	Mr. Ibrahim Guindo1, Mr. Manjeet Singh2, Dr. Deepak Pandey2 , Prof. (Dr.) Prasun Chakrabarti3
5	MECH011	An investigation on equal possible opportunities in formal and informal educational systems for the transgender community in Pune City.	Pratibha Rasal and Yash Vikas Mahamuni
6	MECH012	Theoretical Study on Online Renting Services in Context with Diffusion of Innovation Theory.	Jayant Kulkarni, Yogendrakumar Deokar, Sandeep Salunkhe
7	MECH013	Unravelling The Gas Adsorption Effect On Thermoelectric Properties Of AHEGN	Jayashri N Nair, Dhana Raju, Devunuri Suresh,Puntikura Shashi Kumar, Siddhant
8	MECH014	Evaluation of the Race Car Chassis's Modal, Dynamic, and Static Analyses Using Various Materials for Optimization	Jayashri N Nair, Dhana Raju, Devunuri Suresh,Puntikura Shashi Kumar, Siddhant
9	MECH015	The study of combustion behavior, efficiency, and emission characteristics of diesel engines operating on biodiesel containing	Prakash Kadam, Dhananjay R Dolas
10	MECH018	Controlling Dimensional Stability of 20MnCr5 Gears after Liquid Nitriding Process	Anilkumar Kaldate, Ravindra Edlabadkar
11	MECH019	Design and Development of Pneumatic Sheet Metal Cutting Machine	Kiran Choudhari, Sahil Bari, Soham Palshetkar, Rohi Paikar, Aditya Birje
12	MECH020	Study on impact of stress on employees performance'	Yash Mahamuni
13	MECH030	Optimization of Modified Diesel Engine Powered by Waste Cooking Oil Methanol Ester Blends and Copper Oxide Nanoparticles Using	Dr.Madhuri Chatur-Deokar
14	MECH031	Optimizing Capacity Planning and Resource Allocation for Sustainable Supplier Development in Indian Industries	Rashi Yadav, Dr. Manojkumar Dalvi, Dr. Nitish Gautam, Nand Jee Kanu
15	MECH032	An insight into energy efficiency for condition based sustainable maintenance	Nand Jee Kanu, Ashwin Kamble, A. N. Shaikh
16	MECH033	A Study on Electrochemical Oxidation of Organic Compounds and the Production of Metal Oxide Degradation. Nanocomposites - Two	Sakshi Mokashi, Anil Sharma
17	JSPMNTC MECH001	Partial Solution for Vibration Effect of Locomotive Traction Motor	Dr. Suhas Sarje, Mr. Harshad Madhukar Suryawanshi,Mr. Rohit Balasaheb Sonavane, Mr. Anish Sandip Kanase, Mr. Rohit Rabin Patra, Mr. Tejas Sambhaji Vetal
18	JSPMNTC MECH002	Development of health monitoring system for failure of pinion shaft	Dr. M. S. Deokar, Tanishq Jadhav, Uday Deshmukh, Gaurav gome, Tushar Boadre, Vitthal Gore
19	JSPMNTC MECH003	Development and Structural Evaluation of Airless Tire Designs for Enhanced Durability and Performance	Dr. M. A. Kumbhalkar, Mr. Aditya Anant Kaldate, Mr. Ajay Suresh Bodade, Mr. Indrajeet Vinayak Mokashi, Mr. Harshal Sudhir Bhoite, Mr. Umesh Rangnath Bele
20	JSPMNTC MECH004	Wear Failure Analysis of Railway Wheel Due to Rail-Wheel Interaction	Dr. M. A. Kumbhalkar, Mr. Kshitij Kobal1, Mr. Sanket Mohite, Mr. Sarang Medhi, Mr. Raj Kalvankar, Mr. Dhiraj Borkar
21	JSPMNTC MECH005	Development of Health Monitoring System for Railway Wheel	Dr. M. A. Kumbhalkar, Mr. Nikhil Nasale, Mr. Aditya Joshi, Mr. Bapu Survase, Mr. Ajay Chaudhary, Ms. Bhavika Mistry
22	JSPMNTC MECH006	Investigation of Surface Integrity during Powder Bed Fusion Additive Manufacturing of Al10SiMg	Mr.shivam R. Navtake, Mr. Akash Molawade, Mr. vedant Gandhewar, Mr.Mahesh kurhade

Sr. No.	Paper Id	Article Title	Authors
23	JSPMNTC MECH007	Experimental Investigation of Inconel 718 Using Process Parameter of WEDM"	S. S. Bhosale, Mr. Aditya Gaikwad, Mr. Satyajeet Sawant, Mr. Sameer Chaskar, Mr. Saurabh Dhule, Mr. Rushikesh Shetkar
24	JSPMNTC MECH008	Study & Analysis Of Radiator used in Locomotive	Rashi Yadav, Mr. Rohit Dalvi, Mr. Onkar Agam, Mr. Suyash Gavali, Mr. Ranjit Gajare, Mr. Ajit Jadhav
25	JSPMNTC MECH009	Impact & Vibration Analysis of Go-Kart Chassis	P. B. Maitreya, Mr. Kedar Shashikant Shedage, Mr. Tejas Shivaji Jagtap, Mr. Sujit Dipak Patil, Mr. Tejas Sudhir Joshi
26	JSPMNTC MECH010	Gear error detection using imagep rocessing	S. B. Pawar, Prathamesh kakade, Pratik kothare, Dnyanesh Patharkar, Nitin Bhangale
27	JSPMNTC MECH011	A Review on "Addressing Defects on Plasma Laser Cutting Machine"	V. J. Raje, Ajinkya D Sargar, Abhishek A Hendre, Pritesh I Tolnur, Yogesh BhaleV
28	JSPMNTC MECH012	Performance Analysis Fuelled with Hydrogen Based Internal CI Engine	P. U. Gaikwad, Mr.Waghmode Vaibhav, Mr.Taktode Nihal, Mr.Chavan Vallabh,Mr.Pathan Mohammadsad, Mr.Pathan Affan
29	JSPMNTC MECH013	Identify the failures of railway primary spring	P. U. Gaikwad, Chavan Omkar Ashok, Yelmane Sai Somnath, Pomane Prashant Nanaso, Mahale Aniket Yewaji
30	JSPMNTC MECH014	Field - rover all in one agriculture robot	V. J. Raje, Mr. ShubhamVedhpathak, Mr. Rutik jingare, Mr. Samadhan Bhosale, Ms. Bharati Dwarke
31	JSPMNTC MECH015	"Optimization of EDM Process Parameters using Taguchi Method"	R. P. Kattimani, Mr. Saurabh Deshpande, Mr. Nikhil Jadhav, Mr. Vikas Raut, Mr. Onkar Bhagwat

### TRACK 2 - CIVIL ENGINEERING

1	CIVL003	Impact of green cover on improving outdoor temperature in residential soceities	Surbhi, Dr. Ashita Sharma
2	CIVL005	Comparative analysis of residential property rates and rents for west pune city pre and post covid	Shreyal R. Ahir, Dr S. S. Pimplikar
3	CIVL006	Performance evaluation of polypropylene fibre and anti-stripping agents against stripping	Samrity Jalota, Manju Suthar
4	CIVL007	Use of glass concrete mortar in radiation shielding: A Review.	Hrushikesh D Raut, Ramesh D Dod
5	CIVL008	Study the Durability of Chemically Processed Recycled Aggregates	Bhaskar Wabhitkar, Mousim Sultan, Rohit Wankhede, Masooma Sultan, Vishwadeep
6	CIVL010	Analysis of a Five Storey Building with an Underground Water Tank Attached to the Columns in a Hilly Area	K.Lalhmailhanguzuala, Dr.Seema
7	CIVL013	The Role of BIM in Enhancing Green Building Construction: A Review	Pranav Bhetalu, Dr. Shantini Bokil
8	CIVL014	Analysis Of Progressive Collapse Of Building On Existing Structure Using Staad Pro By Removing Multiple Column	Sitaram Suryawanshi, Aditya Gawai, Raj Gundle, Parimeeta Kamble, Varsha Puri, Sanket
9	CIVL015	Comprehensive Geospatial Approach for Enhancing Flood Hazard Assessment in the Upper Krishna Basin through Analytical Hierarchy	Prasad G Jadhav, Kul Vaibhav Sharma
10	CIVL016	Seismic analysis of irregular high rise structures:Comparative study on the effectiveness of Fluid Viscous Dampers and Lead Rubber Bearing	FK lawmzela,Er Gagandeep
11	CIVL017	"A Comprehensive Review on Exploring the Origins: Addressing Cost Overruns and Delays in Road Construction"	Asharaf H Mulani , Dr. Rohit Salgude
12	CIVL018	Design of Retaining Wall Using Pythone Programming	Aniket Dhamal, Dr.A.R.Deshmukh, Prof. Rama Pawar
13	CIVL019	Remediation of Silty Clayey Soil using Agricultural Waste Sugarcane Bagasse Ash	Rahul Sharma, Mohammad Irshad malik
14	CIVL020	An investigative analysis of cement partial replacement in concrete by combining perlite and sugar cane bagasse ash	Sanjeev kumar,Rajeev kumar
15	CIVL021	Soil Stabilization using Ground Granulated Blast Furnace Slag and Silica Fume	Raman Duhan, Tarun Sharma
16	CIVL023	Optimization of position of shear wall for irregular building	Piyush Surwade, Dr.A.R.Deshmukh, Dr. G.A. Deshpande
17	CIVL025	Impact of Fly Ash and Silica Fume on the Mechanical Properties of Conventional Concrete	Pardeep Kumar, Jagdeep Singh and Amanpreet Tangri
18	CIVL026	Study on partial replacement of fine aggregate in concrete with low density polypropylene and cement with fly ash	Rohit verma, E.R ABHISHEK SINGH RANA
19	CIVL027	Comparative analysis of seismic strengthening of RCC Multi-storey building by different lateral load Resisting systems	Chaitanya Sonar, Dr. Preeti Gajghate, Prof. Sangeeta Mishra

Sr. No.	Paper Id	Article Title	Authors
20	CIVL030	Calibration of Roughness Progression Distress Model of HDM-4 for Developing Pavement Maintenance Management System for Urban	Pawan Kumar Sharma, Jagdish Chand
21	CIVL031	Optimization of activation function in neural network to predict compaction parameters of silty soil	Vijay, Muthekar, Smitha R. Yadav, and Shivani Chandnani
22	CIVL032	Towards Sustainable Pavements: Using Waste NBR and Furan Resin as Environmentally-Friendly Alternatives for Bitumen Modification	Amit, Avani Chopra
23	CIVL033	Study of fly ash based geopolymer made with Autoclaved aerated concrete block waste as a part of construction demolition waste.	Sachin Deshpande, Vishakha Sakhare
24	CIVL034	Integrating 3D Model with Revit Architecture and 4D Planning with Primavera P6 for Construction Project.	Dr. Ashwini R Patil, Atul Vinayak Sonune, Rajat Pandharinath Shelar, Sarthak Sunil Sajjanwar,
25	CIVL035	A Risk and Impact Study of a Commercial Project using Earned Value Management	Dr. Ashwini Patil , Ms. Riya Prashant Khalate , Mr. Kiran Pol
26	CIVL036	Examine the Geotextile Behaviour in Flexible Pavement using IITPave	Bhaskar Wabhitkar, V. V. Muthekar
27	CIVL037	Interpretation of the Effects of Illumination Level on Mine Safety, Productivity and Energy Efficiency in Case of a Surface Mine	Manjeet Singh Bhullar, Dr. Anupam Bhatnagar
28	CIVL038	Air Quality Prediction In Amritsar Using Machine Learning Algorithms	Rantej Sharma, Akriti Sharma, Himanshu Sharma
29	CIVL039	Predictive Modeling of Air Quality in Patiala, Khanna, and Mandi Gobindgarh Using Hybrid Machine Learning Approach	Parminder Singh, Akriti Sharma, Himanshu Sharma
30	CIVL041	use of microalgae for efficient removal of nutrients: a review	Ms. Ruchira Deepak Rokde , Dr. Sudhir Ambekar
31	CIVL042	A Comprehensive Review of the Real Estate Act, 2016: Challenges and Opportunities	Mahesh Patil, Pravin Minde
32	CIVL044	Geomorphic and GIS Analysis of Landslide Susceptibility in the Koyna River Basin	Kajal D. Chavan, Amarsinh B. Landage
33	CIVL045	Experimental Investigation On Partial Replacement Of Coarse Aggregates with Demolished Waste Aggregates	Shivam Saini and Gagandeep Singh
34	CIVL046	Thermosetting Polymer Integration for Superior Bituminous Pavement Performance	Onkar S. Jadhav, Amarsinh B. Landage
35	CIVL047	Implementing EV- A solar panel covered parking facilities for sustainable energy	Mrs. Aparna Jagtap, Ms. Sushma Sawadatkar, Mr. Kalpesh Panchal, Mr. Monish Sonawane
36	CIVL048	Evaluating the Effectiveness of Waste Shredded Rubber Tyres for Soil Stabilization	Siva Gowri Prasad. S, Varaprasad Anupoju
37	CIVL049	Sustainable Water Management in Urban Areas: A Case Study	Varaprasad Anupoju, Siva Gowri Prasad S
38	CIVL050	A Study on Review of Different Types of Light Bulbs and Their Hazardous Contents	Anil S. Parlikar, Dattatray P. Kamble
39	CIVL052	Progressive collapse analysis of concrete diagrid structures by using linear static analysis	K m patil, S S shahapure, G A Deshpande
40	CIVL053	A review - scour prediction and corrective measures for the local scour around bridge piers	Prashant Lalasaheb Jadhav, Anil S. Parlikar
41	CIVL070	Thermosetting polymer integration for superior bituminous pavement performance	Onkar S. Jadhav
42	CIVL075	A review on seismic vulnerability of rcc building with soft storey with different seismic zone	Sujata Barde, Anil Parlikar
43	JSPMNTC CIVL001	Effective Management of Construction and Demolition Waste	Dr.S.B.Khaple, Abhijeet Mandave, Prashant Karale, Nutan Sawant, Pranita Shinde, Priyanka
44	JSPMNTC CIVL002	Portable Multi-purpose Wallcrafting Tool	Prof.A.A.Avhad, Anurag Zende, Keshar Narvekar, Sanika Savalkar, Om Narale, sanjana pravin patil
45	JSPMNTC CIVL003	Experimental study on partial replacement of cement with ggbs and fine-aggregate with glass powder in concrete and different methods of	Prof. P. B. Garde, Sourabh phanasekar, prathmesh shirtode, abhishek kankal, mayuresh dhokne,
46	JSPMNTC CIVL004	Landslide of Irshalwadi - A Case Study	Prof.S.S.Bansode, Ankitkumar Singh, Ankit Kolwati, Hrushikesk Mane, Mahesh kendre,
47	JSPMNTC CIVL005	Sustainable development of drainage system for flood control - Case Study	Dr.S.B.Khaple,Suraj Puri, Ayush Nikate, Sohan Aldar, Prithviraj M Patil, Hemant Patil
48	JSPMNTC CIVL006	Analysis and design of material for floating platform to construct amphibious house.	Prof.Y.K.Poul, Sawant Abhijeet Anil, Sonawane Niraj Ramesh, Raut Samruddhi Deepak, Thombare
49	JSPMNTC CIVL007	Role of Flexible pavement in Local temperature rise.	Prof.S.S.Bansode, Hemant Sarode,Varun Deshmukh,Nikita Chavan, Jayendra Dhebe, Sudhir
50	JSPMNTC CIVL008	Experimental Investigation of black cotton soil with alum sludge and cement.	Prof.P.B.Garde, Siddhata Nazrekar, Samruddhi Padhye, Mansi Shinde
51	JSPMNTC CIVL009	Analysis and assessment of silting in Ujani reservoir Using "SWAT"	Dr.S.B.Khaple, Shubham Santosh Dhavale Chandrakant Ravindra dalvi, Ritesh jadhav,
52	JSPMNTC CIVL010	Hydraulic Flood Protection Wall in Flood prone Areas case study	Prof.S.A.Kakade, Tompe Shyam Vijay, Abhishek Sanjay Dhole, Prathamesh S Suryawanshi, Somesh

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53	JSPMNTC CIVL011	Utilization of Particulate Matter emitted from Hot Mix Plant in Construction Industry	Prof.S.S.Bansode, Suraj Subhash Tarate, Swapnil Bhausahab Dhakane, Piyush Rajendra patil, Anup
54	JSPMNTC CIVL012	To prepare accident predication model through black spot analysis of Samruddhi Mahamarg (package9) using Python	Prof.Y.K.Poul, Shubham Gokul Tanpure, Vishal Ashok Bihade, Shubham Bhosale, Akash
55	JSPMNTC CIVL013	Retrofitting of the Existing Building Structure- Beam	Prof.S.A.Kakade, Rutik Bhausahab Mate, Adarsh Rajendra Godse, Rohit Balaji Pawar, Ajay
56	JSPMNTC CIVL014	Experimental study on Building Tile Composed with Activated Carbon, Granite Dust & Zeolite.	Prof.A.A.Avhad, Nikhil Gajjewar, Balaji jadhav, Pavan Savale, Sumit Ardale, Dinesh Pawar
57	JSPMNTC CIVL015	examine efficiency of highway interchanges using python and game based simulation software	Prof.A.S.Jadhav, Shubham Gambhire, Atharva Lonari, Pratik Mitkale, Gaurav Borde, Amar
58	JSPMNTC CIVL016	Assessment of geopolymer mortar containing construction and demolition waste	Prof.M.E.Nikam, Sunny Vijay Barge, Shrinath Santosh Nalawade, Aniket Rajendra Patil,
59	JSPMNTC CIVL017	study of pollution status of mula and implementation of economical water treatment method.	Prof.P.V Wayal, Sagar giri, Ghuge krishnakant rajeshwar, Aarti Vikas Jagtap, Megha Mahendra
60	JSPMNTC CIVL018	A Study on Biocement and OPC Performance	Prof.M.D.Anap, Namita more, Mangesh Pujari, Vishal rajput, Naresh Shelke, Snehal Landge
61	JSPMNTC CIVL019	Comparative Analysis and design of hollow core and conventional slab	Prof.P.N.Patil, Vinchurkar Veeresh Jambanna, Pandhare Aishwarya Rajesh, Ghayal Renuka
62	JSPMNTC CIVL020	A Low Cost Water Purifier For Rural Households.	Prof. A.S.Jadhav, Mihir Sachin Gadkari, Shivam Shashikant Kumbhar
63	JSPMNTC CIVL021	Experimental Investigation On Coal Mine Overburden Sand Substituted to River Sand in Construction	Prof.M.D.Anap, Gayatri Kedar Siddha Suvarna Sarvade, sakshi khadsare, Sangram
64	JSPMNTC CIVL022	comparative analysis of shear capacity of corrugated plate girder for different angles of corrugation	Dr.S.B.Khaple, Snehal Wagh, Shreya babar, Akansha Bhosale, Shrushti Hagwane
65	JSPMNTC CIVL023	Manufacturing Of Bricks By Using Waste Foundry Sand	Prof.P.N.Patil, Shinde Nilesh Vasant, Patil Mohit Sambhaji, Dangare Rohan Chandrakant, Desai
66	JSPMNTC CIVL024	Investigation of Geopolymer concrete with flyash	Prof.A.S.Jadhav, Khogare Pravin Rajesh, Jewariker Krishna Sanjay, Satish Mahadev
67	JSPMNTC CIVL025	Numerical and analytical investigation of ceramic matrix composites	Prof.A.S.Jadhav, Rushikesh Swami, Rupesh Gavali, Kshitij Kanade, Aditya podar
68	JSPMNTC CIVL026	Quality Assurance and Quality control	Prof.P.N.Patil, Abhishek Kishor kankal, mayuresh dhokne, Bhumkar Tushar
69	JSPMNTC CIVL028	Assesment of Two-Part Geopolymer Mortar Prepared with Mechanochemically Activated Waste Red Mud Bricks	Prof. M. E. Nikam, Rajkumar Ghugale

### TRACK 3 - COMPUTER SCIENCE AND ARTIFICIAL INTELLIGENCE

1	COMP007	Machine Learning Algorithms to Designing Prediction Model of Cerebral Palsy Disorder	Sarika Kshirsagar, Dr.Sanjay Sahebrao Solanki
2	COMP012	Plant Disease Detection using CNN	Shreyash Naik, Yashraj Tiwari, Ghanshyam Singh Shaktawat
3	COMP018	Bio-inspired swarm intelligence-based feature selection and classification for autism spectrum disorder detection	Saravana Kumar S, K.Selvakumar, V. Senthil Murugan
4	COMP019	Sentiment Analysis of Political Party Unveiling Insights from Big Data	Shreya V. Karade, Bhagyashri D. Malpure
5	COMP022	Metaheuristics Approaches Towards Secure and Optimized Routing in IoT: A Systematic Literature Review	Vishal Sharma, Rohit Beniwal, and Vinod Kumar
6	COMP023	A Study On XAI Based Drug Identification System	Balahariraj N, Menaha R, Dharshini R, Subiksha M, Vijay S
7	COMP024	Heart disease prediction using machine learning	Minerka Surya Ravi
8	COMP025	Impact of Virtual Influencer for Brands Promotion: A Normative Study	Menaha R, Gokulnath RS, Balaji G, Shri Bharani Priya N, Vijay A
9	COMP060	Crop Yield Forecasting using Deep Learning Techniques: A Concise Summary	Shivani Gupta, Dr. Mainaz Faridi
10	JSPMNTC COMP001	CERTI-BLOCK A Blockchain Based Certificate Validation System	Mrs. Shruti P. Naik, Mrudul Dinesh Patel, Mayur Dilip Limbhore, Mukund Murji Chamriya,
11	JSPMNTC COMP002	Smart Traffic Management System	Mrs Shruti P Naik, Yash Ghorpade, Suraj Deore, Pratik Badgire , Disha Patil
12	JSPMNTC COMP003	Heart Disease Prediction using Novel QuineMcCluskey Binary Classifier	Mansi Namose, Payal Gaikwad, Isha Makhija, Pratik Shelke, Shlok Salvi, Gaurav Solankar
13	JSPMNTC COMP004	AgroVision: Enhanced Crop Forecasting With Multifactorial Analysis And Decision Support	Dr. Sulochana Sonkamble, Pratik Baravkar, Pratham Choudhari, Vinod
14	JSPMNTC COMP005	The Crowdfunding Application by Binance Blockchain and ThirdWeb Hybrid Model.	Viraj Shewale, Prasad Sutar, Vinit Kawachale
15	JSPMNTC COMP006	Automated Menu Planning Algorithm for Children	Prof Meera Sawalkar, Rutuja Pokale, Rashmi Yeramwar, Rachana Puranik, Rohan Yadav,
16	JSPMNTC COMP007	Intelligent traffic control system	Mrs. Shruti P Naik, Yash Ghorpade, Suraj Deore, Pratik Badgire , Disha Patil

Sr. No.	Paper Id	Article Title	Authors
17	JSPMNTC COMP008	Student Performance Prediction	Prof. M.S. Sawalkar, Shubham Bhore, Santosh Doiphode, Nilesh Sonawane, Vinayak Sunkewar
18	JSPMNTC COMP009	Spatio Temporal Crime Prediction	Shraddha Jadhav , Sakshi Patil , Nilesh Rajput , Tanvi Panhale, Akash Pargaonkar
19	JSPMNTC COMP010	Farmer's Assistant App-Agrozenith	Darshan Jain, Priyanka Balage, Aditee Khedekar, Kunal Lagad, Balaji Raut
20	JSPMNTC COMP011	Decentralized Rental Management: Utilizing Blockchain, Smart Contracts, and Ethereum for Secure and Transparent Assets	Dr. Sulochana Sonkamble, Atharva Kurumbhatte, Atharva Chakankar,
21	JSPMNTC COMP012	E grampanchayat	N.C.Naidu, Ruchita Hirmukhe#2, Rashika Jadhav#3, Jyotsna Kharade#4, Mrunal
22	JSPMNTC COMP013	Empowering Change: An Advanced NGO Management System for Efficient Operations, Enhanced Donor Engagement, and Transparent	Priyanka Balage, Sakshi Deshmukh, Sakshi Dhupal, Harshada Sharma
23	JSPMNTC COMP014	VetCare Innovations: Comprehensive Solutions for Animal Health	Meera Sawalkar, Nirupama Santosh Ambre, Mansi Prakash Jadhav, Pratik Sunil Patil,
24	JSPMNTC COMP015	Blood Link	Prasanna Kulkarni, Onkar Sarvade, Yogesh Kedar, Kaushal Nikam, Ulka Bansode
25	JSPMNTC COMP016	CelestialEyes: A Visionary AR/VR Quest for Eclipses	Prof. Priyanka Balage, Sakshi Bherde, Sakshi Pagare
26	JSPMNTC COMP017	Implementing Speech Recognition for Detecting and Alerting Abusive Language	Prof. M.S. Namose, Harshal Patil, Mahesh Patil, Dipak Sapate, Dinesh Vaishnav
27	JSPMNTC COMP018	Railway Locomotive Shed Management System	Parth Patel, Animesh Singh, Tejas Dhengle

#### TRACK 4 - ELECTRONICS AND TELECOMMUNICATION ENGINEERING

1	ENTC004	Managing Medicines Supply and Shortages using artificial intelligence and Data Science	Sajid Shaikh, Swarali Kishor Khopade, M. M. Sardeshmukh, S. A. Choudhari, M. A.
2	ENTC005	Classification And Comparative Evaluation of Routing Protocols' Performance in Mobile Ad Hoc Networks.	Tanay Jaiswal, N.R. Kidwai
3	ENTC006	Voltage Balance of Lead Acid Battery Through Active Capacitive Cell Balancing Method.	Prakash Malvadkar, Dr. Shubhangi Handore
4	ENTC008	LoRa-Based Rover for Planetary Exploration Adapting Surveillance Spy Robot for Space Sample Detection	Shankar Amalraj
5	ENTC009	Challenging the Optimizing of Reconfigurable Intelligent Surfaces with Wireless MIMO-OFDM Technology	Haider TH. Salim ALRikabi, Adheed H. Sallomi, Hasan F. Khazaal
6	ENTC014	Optimization of Time-Headway of a Sub-Urban Rail Transport System Using Communication Based Train Control System	Mohammad Ishaq, Praveen Kumar Shukla, Haroon Ashfaq, Virendra Kumar Maurya
7	ENTC015	Scrutiny of Vehicle to grid power flow strategy for Eco-friendly Transportation	Archana Kadam, Dr. Ramesh Mali, Dr. Reena Gunjan
8	ENTC017	Stabilizing A New Wing-Type 4D Chaotic Signals Using Adaptive Control	Medha Kumari, Santanu Mandal
9	ENTC040	An insight into enhancing efficiency and reducing losses of transformer cores using carbon nanotubes	Eva Gupta
10	JSPMNTC ENTC001	Real Time Attendance System Using Face Recognition	Sakshi Mane, Pratiksha Pawar, Suraj Kalshetty, Aditya Shelar
11	JSPMNTC ENTC002	Emergency calling button for ambulance and firefighting team.	Dr. M.P. Hajare, Dr. A.S. Patil, Dr. S.W. Shaikh, Mrs.S.P. Kurlekar,
12	JSPMNTC ENTC003	Sensor Based Fire and Smoke Detection system in coaches	Dr. A.S.Patil,Dr. M.P. Hajare,Dr. S.W. Shaikh,Mrs.S.P. Kurlekar
13	JSPMNTC ENTC004	Pothole Detection using Raspberry Pi	Mrs.Supriya Kurlekar , Radhika Raut, Sneha Karande, Vishal Bichukle
14	JSPMNTC ENTC005	Intelligent traffic management system using image processing	Kadam Pornima, Pardeshi kunal, Masule chetan, Kunal sardar
15	JSPMNTC ENTC006	Intelligent valve control mechanism for irrigation in precision agriculture	Dr. M.P. Hajare, Sejal Hanmante, Rameshwari Kadrame, Mohit Badgujar, Prathamesh sharma.
16	JSPMNTC ENTC007	Smart Ration Distribution System	Shruti Agnihotri, Prajkta Dhome, Sandhyarani Kamble, Shruti Magar
17	JSPMNTC ENTC008	Leaf Disease Detection and Recommendation of Pesticides using CNN	Siddhant Nartawar, Rutvik Malve, Snehal Ingle, Pratham Mashruwala
18	JSPMNTC ENTC009	Automated toll collections system using number plate scanning	Sail bhandekar, yoshita bhole, om bhandarkar, Namrata Chaudhary