



**VIDYA JYOTHI**  
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Aziznagar Gate, ChilkurBalaji Road, Hyderabad - 500 075.

## RTME-2025 Paper Presentation Schedule

Sl. No.	Paper Id	Author Name	Title	Date	Time	Link
1	D301	Dr. Mohammed Asif Kattimani <sup>1</sup> , Khaja Salwa Uddin <sup>2</sup> , Abdul Sameeullah Khan <sup>3</sup> , Mohd Shajee Uddin <sup>4</sup>	Fault Detection In Metallic Beam Using Vibrational Analysis By Fem	<b>25-Apr-25</b>	10:00 Am - 10:15 Am	<a href="https://meet.google.com/pkt-umqa-wjf">https://meet.google.com/pkt-umqa-wjf</a>
2	D302	Mohammed Asif Kattimani <sup>1</sup> , Mohd Khalid Ahmed <sup>2</sup> , Mohammed Abdul Jabbar <sup>3</sup> , Mohammad Hazeem <sup>4</sup> , Nawaf Ibn Kamil <sup>5</sup>	Design And Analysis Of A Spray Dryer	<b>25-Apr-25</b>	10:20 Am - 10:30 Am	<a href="https://meet.google.com/pkt-umqa-wjf">https://meet.google.com/pkt-umqa-wjf</a>
3	D303	Mr. Mohd Nemath	Comparative Analysis On Dimensional Accuracy Of Fdm Printed Skull With Human Dry Skull	<b>25-Apr-25</b>	10:35 Am - 10:45 Am	<a href="https://meet.google.com/pkt-umqa-wjf">https://meet.google.com/pkt-umqa-wjf</a>



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4	D305	K. Prasanna Kumar Reddy, K. Varshit, P. Karthik Reddy ( Students)	Computational Modeling And Performance Analysis Of Turbine Impellers	<b>25-Apr-25</b>	10:50 Am - 11:00 Am	<a href="https://meet.google.com/pkt-umqa-wjf">https://meet.google.com/pkt-umqa-wjf</a>
5	D308	1. K. Vijaya Kumar, 2 L. Ravi	A Critical Review On Residual Stresses In Welded Joints	<b>25-Apr-25</b>	11:05 Am - 11:15 Am	<a href="https://meet.google.com/pkt-umqa-wjf">https://meet.google.com/pkt-umqa-wjf</a>
6	D309	T. Vijaya Sarathi	Cfd Analysis Of Gear Box Performance With Bio Lubricants	<b>25-Apr-25</b>	11:20 Am - 11:30 Am	<a href="https://meet.google.com/pkt-umqa-wjf">https://meet.google.com/pkt-umqa-wjf</a>
7	P303	M. Mahenderreddy1, T. Pavan Kumar2, J. Laxmi Prasad3, E C Prasad Nidumolu4	Mechanical Behavior Of Friction Stir Welded (Fsw) Joints Of Az61a Magnesium Alloy Under Rotational Speed	<b>25-Apr-25</b>	11:35 Am - 11:45 Am	<a href="https://meet.google.com/pkt-umqa-wjf">https://meet.google.com/pkt-umqa-wjf</a>
8	P306	M . Mahender Reddy1, T. Pavan Kumar2, V. Phanindra Bogu3, J.Laxmi Prasad 4	Investigations On Mechanical Properties Of Kenaf Fiber Composite Panels	<b>25-Apr-25</b>	11:50 Am - 12:00 Pm	<a href="https://meet.google.com/pkt-umqa-wjf">https://meet.google.com/pkt-umqa-wjf</a>



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9	P311	V Malla Reddy1, N Praveen2	A Study On The Properties Of The Waste Silk Reinforced Epoxy Composites	<b>25-Apr-25</b>	12:05 Pm - 12:15 Pm	<a href="https://meet.google.com/pkt-umqa-wjf">https://meet.google.com/pkt-umqa-wjf</a>
10	P310	Mahender Thotakuri1, S.Prasad Kumar2	Impact Of Nano-Particles In Friction Stir Welding Of Dissimilar Aluminum Alloys Aa6082-Aa6101	<b>25-Apr-25</b>	12:20 Pm - 12:30 Pm	<a href="https://meet.google.com/pkt-umqa-wjf">https://meet.google.com/pkt-umqa-wjf</a>
11	P314	T.Vijaya Babu	Corrosion Challenges And Solutions For Steel Structures: A Review	<b>25-Apr-25</b>	12:30 Pm - 12:40 Pm	<a href="https://meet.google.com/pkt-umqa-wjf">https://meet.google.com/pkt-umqa-wjf</a>
12	P313	D.H.Pachchinavar1., R. Suman2., Mohammed Khaja Moinuddin3.,Hamza Abdul Quadeer Mohammed4.,Mohammed Khaja Saqib Mohiuddin5	Synergistic Effects Of Nanofiller Combinations On Advanced Glass-Epoxy Composites	<b>25-Apr-25</b>	12:45 Pm - 01:00 Pm	<a href="https://meet.google.com/pkt-umqa-wjf">https://meet.google.com/pkt-umqa-wjf</a>
13	T303	D H Pachchinavar1, Mohammed Ahmed 2, Mohammed Abdul Rehman Khan3, Irfan Khan4	Efficiency Study Of A Vapor Absorption Cooling System	<b>25-Apr-25</b>	02:00 Pm - 02:10 Pm	<a href="https://meet.google.com/pkt-umqa-wjf">https://meet.google.com/pkt-umqa-wjf</a>



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14	P307	S.Prasad Kumar <sup>1</sup> , T.Pavan Kumar <sup>2</sup>	Effects Of Rotational Speed And Tool Material On Mechanical Properties Of Az80 Mg Alloy In Friction Stir Welding	<b>25-Apr-25</b>	02:10 Pm - 02:20 Pm	<a href="https://meet.google.com/pkt-umqa-wjf">https://meet.google.com/pkt-umqa-wjf</a>
15	P308	C Naveen Raj <sup>1</sup> , P Sampath Kumar <sup>2</sup>	A Study On Impact Strength And Water Resistance Of Glass Fiber Reinforced Polymer Composite	<b>25-Apr-25</b>	02:20 Pm - 02:30 Pm	<a href="https://meet.google.com/pkt-umqa-wjf">https://meet.google.com/pkt-umqa-wjf</a>
16	P309	Dr.Ravinder Reddy Baridula <sup>1</sup> And B Vijay Kumar <sup>2</sup>	Numerical And Experimental Analysis Of Friction Stir Welded Joints In Aa2014 And Aa6082 Alloys	<b>25-Apr-25</b>	02:30 Pm - 02:40 Pm	<a href="https://meet.google.com/pkt-umqa-wjf">https://meet.google.com/pkt-umqa-wjf</a>
17	P312	Dr P. Prabhakar Reddy	Study On The Structural Response Of Laminated Polymer Composites Under Biaxial Loads	<b>25-Apr-25</b>	02:50 Pm - 03:00 Pm	<a href="https://meet.google.com/pkt-umqa-wjf">https://meet.google.com/pkt-umqa-wjf</a>
18	P315	K. Kishore <sup>1</sup> , P.V Gopalkrishna <sup>2</sup>	Application Of Reverse Engineering In Designing Plastic Components	<b>25-Apr-25</b>	03:00 Pm - 03:10 Pm	<a href="https://meet.google.com/pkt-umqa-wjf">https://meet.google.com/pkt-umqa-wjf</a>



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19	P316	Dr. P. B .G .S .N . Murthy	Recent Advances In The Preparation And Application Of Magnetite (Fe <sub>3</sub> O <sub>4</sub> ) Nanoparticles	<b>25-Apr-25</b>	03:10 Pm - 03:20 Pm	<a href="https://meet.google.com/pkt-umqa-wjf">https://meet.google.com/pkt-umqa-wjf</a>
20	D304	Mr. S Ramakrishna <sup>1</sup> , Mr. Mohammed Abdul Rahman <sup>2</sup> , Mr. Yawar Shah Khan <sup>3</sup> , Mr. Mohammed Abdul Rahman <sup>4</sup> , Ms. Lavareddy Ganeshwari <sup>4</sup> ( Students)	Applications Of 3d Aided Design In Architecture And Planning	<b>25-Apr-25</b>	03:20 Pm - 03:30 Pm	<a href="https://meet.google.com/pkt-umqa-wjf">https://meet.google.com/pkt-umqa-wjf</a>
21	D306	1s. Ramakrishna, 2v Phanindra Bogu, 3shaik Ismail, 4p Raghuram Reddy, 5m Mallesh	Effect Of Stress Ratio On Fatigue Life Of Structural Steel	<b>25-Apr-25</b>	03:30 Pm - 03:40 Pm	<a href="https://meet.google.com/pkt-umqa-wjf">https://meet.google.com/pkt-umqa-wjf</a>
22	D307	M.Mallesh <sup>1</sup> , P. Raghuram Reddy <sup>2</sup>	Design And Analysis Of Tri-Copter Drone Propeller	<b>26-Apr-25</b>	10:50 Am - 11:00 Am	<a href="https://meet.google.com/pkt-umqa-wjf">https://meet.google.com/pkt-umqa-wjf</a>
23	P301	K Rajesh Kumar <sup>1</sup> , Vaddi Venkata Satyanarayana <sup>2</sup>	Effect Of Boron Nano Particles On Mechanical Properties Of Az91 D Magnesium Alloy Friction Stir Welded Joints	<b>26-Apr-25</b>	11:05 Am - 11:15 Am	<a href="https://meet.google.com/pkt-umqa-wjf">https://meet.google.com/pkt-umqa-wjf</a>



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24	P302	T. Pavan Kumar <sup>1</sup> , M. Mahinderreddy <sup>2</sup> , J. Pradeep Kumar <sup>3</sup> , S. Prasad Kumar <sup>4</sup>	Mechanical Properties Of A Hybrid Epoxy Composite Reinforced With Areca-Jute Fiber	<b>26-Apr-25</b>	11:20 Am - 11:30 Am	<a href="https://meet.google.com/pkt-umqa-wjf">https://meet.google.com/pkt-umqa-wjf</a>
25	P304	P. Raghuram Reddy <sup>1</sup> , Ramakrishna <sup>2</sup>	Role Of Artificial Intelligence In Production Engineering: Enhancing Efficiency And Automation	<b>26-Apr-25</b>	11:35 Am - 11:45 Am	<a href="https://meet.google.com/pkt-umqa-wjf">https://meet.google.com/pkt-umqa-wjf</a>
26	P305	Baddepudi Malathi <sup>1</sup> , Pramod Kumar Peyyala <sup>2</sup>	The Role Of Ai In Quality Control And Process Improvement In Manufacturing: A Comprehensive Review	<b>26-Apr-25</b>	11:50 Am - 12:00 Pm	<a href="https://meet.google.com/pkt-umqa-wjf">https://meet.google.com/pkt-umqa-wjf</a>
27	P317	J Pradeep Kumar, Vaddi Venkata Satyanarayana	Property Evaluation Of Moulding Sand With Different Additives In Shell Moulding Process	<b>26-Apr-25</b>	12:05 Pm - 12:15 Pm	<a href="https://meet.google.com/pkt-umqa-wjf">https://meet.google.com/pkt-umqa-wjf</a>



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28	P318	N Praveen1, V Malla Reddy2	A Study On The Properties Of The Waste Silk Reinforced Epoxy Composites	<b>26-Apr-25</b>	12:20 Pm - 12:30 Pm	<a href="https://meet.google.com/pkt-umqa-wjf">https://meet.google.com/pkt-umqa-wjf</a>
29	T301	Naseeb Khan, Vaddi Venkata Satyanarayana	Performance Of A Diesel Engine With Hybrid Cotton Seed Oil,Diesel And Hydrogen Fuels	<b>26-Apr-25</b>	12:30 Pm - 12:40 Pm	<a href="https://meet.google.com/pkt-umqa-wjf">https://meet.google.com/pkt-umqa-wjf</a>
30	T302	Iganesh Vantepaka, 2boda Hadya, 3l Madan Anand Kumar	To Reducing The Toxic Gases In Crdi Ic Engine By Using Various Biosdiesels And Egr	<b>26-Apr-25</b>	12:45 Pm - 01:00 Pm	<a href="https://meet.google.com/pkt-umqa-wjf">https://meet.google.com/pkt-umqa-wjf</a>
31	T304	P.Sampathkumar1, S.Naga Kishore2, K.Srinivasa Chalapathi3	Influence Of Superficial Velocity On The Thermal Design Parameters Of 125mw Cfbc Boiler	<b>26-Apr-25</b>	02:00 Pm - 02:10 Pm	<a href="https://meet.google.com/pkt-umqa-wjf">https://meet.google.com/pkt-umqa-wjf</a>
32	T305	Shaik Ismail, Dr. Srikanth Vadlamudi	Design And Fabrication Of Peltier Refrigerator Using Solar Energy	<b>26-Apr-25</b>	02:10 Pm - 02:20 Pm	<a href="https://meet.google.com/pkt-umqa-wjf">https://meet.google.com/pkt-umqa-wjf</a>



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33	T306	Munnur Mahesh <sup>1</sup> , Gangireddy Sainath Reddy <sup>1</sup> , Dr M Rajendra Prasad <sup>1</sup> , Sunnihitha K <sup>1</sup>	The Role Of Embedded Systems In Robotics	<b>26-Apr-25</b>	02:20 Pm - 02:30 Pm	<a href="https://meet.google.com/pkt-umqa-wjf">https://meet.google.com/pkt-umqa-wjf</a>
34	P319	Ch Rahul <sup>1</sup> , N Vamshi <sup>1</sup> , Dr M Rajendraprasad <sup>1</sup> , Jogi Prakash <sup>1</sup> , Rajashekhar K <sup>1</sup>	A Study Of 3dprinting And Applications	<b>26-Apr-25</b>	02:30 Pm - 02:40 Pm	<a href="https://meet.google.com/pkt-umqa-wjf">https://meet.google.com/pkt-umqa-wjf</a>
35	P320	Ramavath Rohith <sup>1</sup> , Dr M Rajendra Prasad <sup>1</sup> , Rajashekhar K <sup>1</sup> .J Lavanya <sup>1</sup>	Applications Of Artificial Intelligence In Mechanical Engineering	<b>26-Apr-25</b>	02:50 Pm - 03:00 Pm	<a href="https://meet.google.com/pkt-umqa-wjf">https://meet.google.com/pkt-umqa-wjf</a>
36	P321	DRS Narsingh Rao <sup>1</sup> , Gundeti Sreeram Reddy <sup>2</sup>	Sustainable Timber Performance: Mechanical Testing of Wood in Multiple Grain Orientations	<b>26-Apr-25</b>	03:00 Pm- 03:10Pm	<a href="https://meet.google.com/pkt-umqa-wjf">https://meet.google.com/pkt-umqa-wjf</a>