

<p>6.Sakthivelan s (final year), Rajesh babu b, Gopi m</p> <p>Pre-final years ,Department of metallurgy, Government College of engineering, Salem-11, Tamilnadu</p>	<p>FAILURE ANALYSIS AND PROCESS MODIFICATION OF SWIVELLING LEVER</p>
<p>7.Soumik Das and Rahul Ghosh Affiliation: N.I.T , Durgapur</p>	<p>Counter gravity casting-the emerging technology of 21st century</p>
<p>8.Shefali katailiha & Harsha kashyap</p> <p>Metallurgical Engineering Branch</p> <p>National Institute Of Technology, Raipur</p>	<p>Gold as a Biomedical Material</p>
<p>9.SANDEEP CHOUDHARY, BISWAJIT SAMAL</p> <p>Chemical Engineering Final year, N.I.T DURGAPUR</p>	<p>New Coke Saving Technology</p>
<p>10.M. JEYAKUMAR P. YUVARAJU</p> <p>DEPARTMENT OF PRODUCTION TECHNOLOGY, ANNA UNIVERSITY MADRAS INSTITUTE OF TECHNOLOGY CAMPUS, CHROMPET, CHENNAI – 44</p>	<p>PROCESS FAILURE MODE AND EFFECTS ANALYSIS OF FRICTION WELDING OF ENGINE EXHAUST VALVES</p>

LIST OF SHORTLISTED CANDIDATES FOR MATERIAL

NAME	TOPIC
1)Dhananjay dewangan, Ankit kumar, NIT Raipur	Abstract on nano shells
2) N. R. Krishna Deepthi, Babita Baruwati, Sunkara V Manorama Mahatma Gandhi Institute of Technology, Gandipet, Hyderabad Indian Institute of Chemical Technology, Hyderabad-500 607.	SiO ₂ @Rare Earth Oxide@NiFe ₂ O ₄ Nanocomposite For Biological Applications: Synthesis And Characterization
3) Tejaswi Iyyanki ¹ Department of Metallurgical and Materials Engineering, VNIT, Nagpur.	The Effect of Aluminum Doping on the Magnetic Curie temperature (T _c) of Annealed Gd ₅ Si ₂ Ge ₂
4) Suraj Sharma (B.Tech, ECE, MANIT, BHOPAL) Sudhanshu Rawat (B.Tech, ECE, MANIT,) Nikhil Tiwari (B.Tech, Mech, MANIT, BHOPAL)	Effect of size of copper nanoparticles on production of bi-phenyl by ullman reaction

<p>5) Nikhil Dhawan</p> <p>Metallurgical Engineering Department, Punjab Engineering College, Deemed University, Chandigarh- 160012</p>	<p>Electrokinetics and Flocculation Studies of Coal</p>
<p>6) Honey Tharwani, Ashish Tharwani, Abhishek Sarkar.</p> <p>National Institute of Technology, Raipur.</p>	<p>Hydrogen adsorption on boron nitride nanotubes: A path to room- temperature hydrogen storage</p>
<p>7) SARANAM VENKATA RAJESH</p> <p>NATIONAL INSTITUTE OF TECHNOLOGY, DURGAPUR</p>	<p>SIMULATION TECHNIQUES ON NANO MATERIALS</p>
<p>8) KOTHAPALLI SANDEEP</p> <p>METALLURGICAL ENGINEERING JNTU COLLEGE OF ENGINEERING- HYDERABAD</p>	<p>STRAIN INDUCED NON-LINEAR CONDUCTION IN EPITAXIAL La_{0.7}A_{0.3}MnO₃ MANGANITE THIN FILMS (COMPUTATIONAL MATERIAL SCIENCE)</p>
<p>9) R.RAYAN, D.ARUN KUMAR</p> <p>Department of Electrical and Electronics ST.PETER'S ENGINEERING COLLEGE AVADI,CHENNAI-600 054</p>	<p>NANO ELECTRIC GENERATOR</p>

<p>10) ARIVAZHAGAN.S, GANGADHARAN.N</p> <p>DEPARTMENT OF RUBBER AND PLASTICS TECHNOLOGY MADRAS INSTITUTE OF TECHNOLOGY ANNA UNIVERSITY CHENNAI –</p>	<p>POLYMER COMPOSITES FOR RADIATION PROTECTION (MATERIAL SCIENCE)</p>
<p>11) Indranil Basu Ashwini Chandra Ankur Wadhwa</p> <p>B. Tech (IIIrd Year), Metallurgical and Materials Engineering ,IIT Roorkee</p>	<p>To study PLZTs when used as electro – optic devices and discuss its applications</p>
<p>12) Prasad muthukumar</p>	<p>Ni Nano-Magnetic Fluid Prepared by Submerged Arc Nano Synthesis System (SANSS)</p>
<p>13) Chaudhari prathamesh nimba (b.tech(1)metallurgy) Shaivya joshi (b.tech (I)metallurgy) Arnav thakur (b.tech (I)metallurgy)</p>	<p>Bullets harmlessly bouncing off nanotechnology T-shirts (Application of carbon nanotubes in fabrics)</p>
<p>ABHINAV SINGH SHAILESH KUMAR, AMAN SAMEER</p> <p>METALLURGICAL AND MATERIALS ENGG. BTECH III YEAR,IIT ROORKEE</p>	<p>Synthesis and study of electrical and electrochemical properties of</p> <p>Ba_{0.5}Sr_{0.5}Zn_{0.2}Fe_{0.8}O_{3-δ} perovskite oxide for IT-SOFC cathode</p>

