

**Research Publications for Academic Year: 2022-23, 2023-24, and 2024-25 (Scopus)**

Sl No	Title	Year	Citation
1	Shivakumar A Patil, Omprakash D Hebbal, SR Hotti et.al.: Performance and emission analysis of Deccan Hemp seed cake pyrolysis bio-diesel in single cylinder diesel engine: a comprehensive study: volume 11, Issue 12 page 1468-1480,	2022	<b>Scopus</b>
2	Shivakumar A Patil, Omprakash D Hebbal, SR Hotti et.al.: Bio-oil production by pyrolysis of hibiscus cannabinus (Deccan Hemp) and pongamiapinnata (Karanja) seed cake and its characterization; International Journal of Advanced Technology and Engineering Exploration, Vol 10(98)ISSN (Print): 2394-5443 ISSN (Online): 2394-7454	2023	<b>Scopus</b>
3	M.C. Navindgi. Ultrasonic Assisted Biodiesel Production From Waste Cooking Oil And Study Of Performance Characteristics In A Single Cylinder Diesel Engine. Journal of Scientific Research and Technology, 1(6), 223–233. <a href="https://doi.org/10.5281/zenodo.8361383">https://doi.org/10.5281/zenodo.8361383</a>	2023	<b>Scopus</b>
4	Biradar Vidyadhar G, et.al.: Ergonomic risk identification and postural analysis in electrical transformer manufacturing located in Southern India ; International Journal of Occupational Safety and Health, Volume 14 , No 2 (20214) , 144-151 , ISSN: 20291-0878(online) , ISSN:2738-9707 (print)	2024	<b>Scopus</b>
5	Biradar Vidyadhar G, et.al.: Enhancing workplace efficiency and employee well-being through ergonomics, 5S and Kaizen in Manufacturing, Volume :54, ISSN :0970-2555 Issue 2, No 3, February :2025	2025	<b>Scopus</b>

**Research Publications for Academic Year: 2022-23, 2023-24, and 2024-25 (RIJ)**

Sl No	Title	Year	Citation
1	Biradar Vidyadhar G,1 <sup>st</sup> International conference on recent invocation in mechanical AI and bio-mechanical engineering, 29-7-2022 to 30-7-2022, Navodaya intuitive of technology , Raichur	2022	INC
2	Biradar Vidyadhar G,The second Indian international conference on industrial engineering operations management, 16-08-2022 to 18-08-2022, JNTU, Hyderabad	2022	INC
3	M.C.Navindgi, Sustainable Solutions in engineering and technology, 29 <sup>th</sup> to 30 <sup>th</sup> Aug 2024, Basaveshwar engineering college, Bagalkote	2024	INC
1	Dr. Arunkumar Jirgi, An advanced fuzzy logic based process for controlling boiler in a thermal power plant, JAC: a journal of composition theory ISSN : 0731-6755	2022	RIJ
2	Bharat Kodli, simulation study of material behavior and optimization of die angle in indirect extrusion process using AFDEX software, International journal of science and research(IJSR), ISSN : 2319-7064	2022	RIJ
3	Bharat S kodli, simulation study of material behavior of AISI 304 stainless steel in single stage deep drawing process using AFDEX software , A journal of composition theory , ISSN : 0731-6755	2022	RIJ
4	Mallikarjun Bhovi, estimation and comparison of welding performances in P-GMAW for SS 316 material using MRA and ANN, international journal of scientific research in science, engineering and technology, ISSN : 2395-1990	2022	RIJ
5	B.S. Motagi ,A Study on Mechanical and Tribological Properties of Aluminium 7068 MMC'S Reinforced With Silicon Carbide (SiC) And Maize, International Journal of Advances in Engineering and Management (IJAEM) ISSN: 2395-5252	2022	RIJ
6	Shivakumar A Patil, Omprakash D Hebbal, SR Hotti et.al.: Characterization of Deccan Hemp and Karanja Seed Cake for Production of Bio-oil” . International Conference on Recent Advances in Mechanical and Material Sciences - ICAMMS -2022 , at Gandhi Engineering College Bhubaneswar	2022	RIJ
7	Srinivas Valmiki, A study and emissions performance of the originated fuels for compression engines, the International Journal of analytical and experimental modal analysis. ISSN: 0886-9367	2022	RIJ
8	Shivasharanappa V Gubbewadet.al.: Wear behavior of PLA, ABS and Alumina Filled PLA Composite: A comparative Study: International Journal of Science and Research(IJSR) , Volume 11	2022	RIJ

	Issue 6,ISSN:2319-7064 , SJIZF(2022): 7.942		
9	Bharat S kodli, simulation study of warm deep drawing process using AFDEX software, international journal for scientific research & development, ISSN: 2321-0613	2023	RIJ
10	Bharat S kodli, simulation study of effect of various parameters and thickness distribution in deep drawing of AISI 304 stainless steel using AFDEX software, international journal for scientific research & development, ISSN : 2321-0613	2023	RIJ
11	Mallikarjun S Bijapur with paper ID “IRJMETS50500295625” has published a paper entitled “ARDUINO BASED AUTOMATIC SORTING MACHINE BASED ON OPTICAL SENSOR” in International Research Journal Of Modernization In Engineering Technology And Science (IRJMETS), Volume 05, Issue 05, May 2023	2023	RIJ
12	M.C. Navindgi. Ultrasonic Assisted Biodiesel Production From Waste Cooking Oil And Study Of Performance Characteristics In A Single Cylinder Diesel Engine. Journal of Scientific Research and Technology, 1(6), 223–233. <a href="https://doi.org/10.5281/zenodo.8361383">https://doi.org/10.5281/zenodo.8361383</a>	2023	RIJ
13	Sarita S Melkundi et.al.: Automatic Sorting Machine Using Belt Conveyor: TIJER – International Research Journal , volume 10, Issue 5 , ISSN: 2349-9249	2023	RIJ
14	Dr. Arunkumar Jirgi, ultrasonic-assisted biodiesel production from waste cooking oil and single-cylinder diesel engine performance study, journal of scientific research and technology, ISSN : 2583-8660	2024	RIJ
15	Bharat S kodli, simulation study of effect of punch corner radius and binder holding gap on formability of AA 6061 using AFDEX software, international journal for scientific research & development, ISSN : 2321-0613	2024	RIJ
16	Bharat S kodli, A study on mechanical and tribological properties of aluminium 7068 MMCS reinforced with silicon carbide and coconut fiber by powder metallurgy process, international journal for scientific research & development, ISSN : 2321-0613	2024	RIJ
17	Mallikarjun Bhovi, IOT based Smart parking system, journal of emerging technologies and innovative research, ISSN : 2349-5162	2024	RIJ
18	Eshwar Udbal, IOT based Smart parking system, journal of emerging technologies and innovative research, ISSN : 2349-5162	2024	RIJ
19	Eshwar udbal, Urban road encroachment and congestion- inducing factors: An analysis of kalaburgai super market investigations, ISSN : 2349-5162	2024	RIJ
20	Mallikarjun Bijapur, IOT based Smart parking system, journal of emerging technologies and innovative research, ISSN : 2349-5162	2024	RIJ
21	Dr Shivkumar Bilgundi, mechanical characterization of AI2219-SIC metal Matrix composites, brazillian journal of development,	2024	RIJ

	ISSN : 2525-8761		
22	M C Navindgi et.al.: 64.Experimental Investigations of Engine Characteristics on A Variable Compression Ratio (VCR) Engine using sugarcane Bioethanol : International Journal o Research and Analysis in Science and Engineering, Volume 4, Issue 5; ISSN: 2582-8118	2024	RIJ
23	M. C Navindgi et.al: Potential use of bio-ethanol performance on variable compression ratio petrol engine; Engineering Research Express : DOI:10.1088/2631-8695/adb663	2024	RIJ
24	Shivasharanappa V Gubbewadet.al.:Evaluation of ear Model Equations Through Analysis of Experimental Wear Data of Materials from Literature: Tribology in Industry, Volume 46, No.2 (2024) 260269, Dol:10.24874/ti.1555.09.23.11	2024	RIJ
25	Eshwar udbal, Automatic waste sorting system, journal of emerging technologies and innovative research, ISSN : 2349-5162	2025	RIJ
26	Mallikarjun Bijapur with paper ID “IRJMETS70100051436” has published a paper entitled “ANDROID BASED CONTROL MOTORISED HYDRAULIC JACK” in International Research Journal Of Modernization In Engineering Technology And Science (IRJMETS), Volume 07, Issue 01, January 2025	2025	RIJ
27	Dr Shivkumar Bilgundi, Synthesis, Hardness and tensile behaviour of boron carbide reinforced AI6082 alloy composites for automotive applications, brazillian journal of development, ISSN : 2525-8761	2025	RIJ
28	Yohan S Revanoor et.al.:Smart Irrigation System Using IOT and Solar, International Journal of Modernization in Engineering and Technology and Science: Volume :07/Issue :01,e-ISSN: 2582-5208	2025	RIJ
29	Yohan S Revanoor, investigation of thermal resistance of diamond shaped pin fin by CFD, ISSN: 0731-6755	2025	RIJ
30	Sanket Kalshetty, SMART PESTICIDE SPRAYER ROBOT, International Journal of Modernization in Engineering and Technology and Science: Volume :07/Issue :01,e-ISSN: 2582-5208	2025	RIJ
31	Veerbhadrappa Prabhushetty with paper ID “IRJMETS70100060460” has published a paper entitled “FOOTSTEP ELECTRICITY GENERATOR” in International Research Journal Of Modernization In Engineering Technology And Science (IRJMETS), Volume 07, Issue 01, January 2025	2025	RIJ

