



GL BAJAJ

Institute of Technology & Management

FIND YOUR SPARK

Approved by AICTE & Affiliated to AKTU

7.3

INSTITUTIONAL DISTINCTIVENESS

**FOSTERING EMPLOYABILITY AND ENTERPRISING
SKILLS**



GL Bajaj Institute of Technology and Management,
Plot No. 2, Knowledge Park III, Greater Noida, Uttar Pradesh 201306

Supplementary Information in Line with Institutional Distinctiveness

Criterion 7	Institutional Values and Best Practices
Key Indicator 7.3	Institutional Distinctiveness
Metric 7.3.1	Institutional Distinctiveness: Fostering Employability and Enterprising Skills

Sr. No.		Documents
1		INDUSTRY CONNECT
	1.1	MoUs with various industries for Training
	1.2	Interaction with Industry Experts on strategic roles
	1.3	Industry oriented Training
	1.4	Talk by Industry experts
	1.5	Participation in Competitions
	1.6	QCFI-Delhi Chapter
	1.7	Industrial visits
	1.8	Project-based learning
2		INNOVATION at GL Bajaj
	2.1	Details of workshops/seminars/Conference conducted
	2.2	Grants received from Government and non-governmental agencies for research projects, endowments
	2.3	Number of research papers published per teacher in the Journals notified on UGC website during the last five years
	2.4	List of Patents
3		Infrastructure Facilities at GL Bajaj

1. INDUSTRY CONNECT

1.1 MoUs with various industries for Training

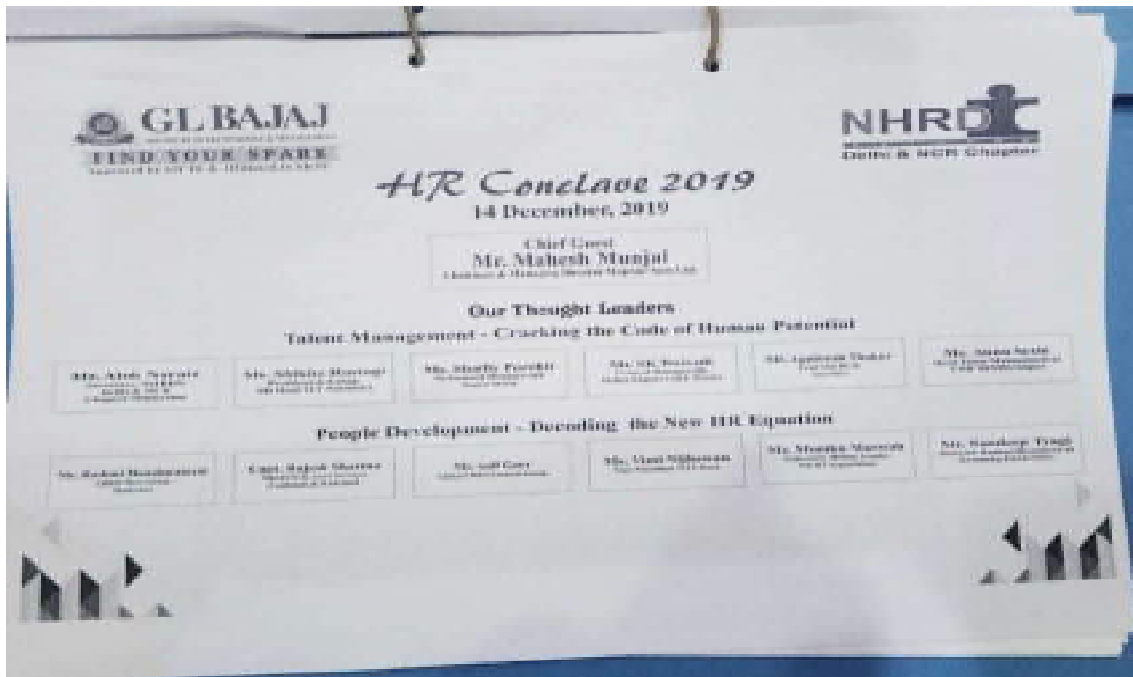
Sr.No	Company Name	MoU Theme	Year
1	Infosys	Campus Connect Program	2022
2	Virtusa	Center of excellence (CoE)	2022
3	EPAM	Center Of Excellence	2022
4	TATA Technologies	Campus Connect Program	2022
5	Crypto University	Academic Partnership	2022
6	Vmentor.ai	Campus Connect Program	2022
7	SAP	SAP University Alliance	2022
8	3 Pillar Global	Campus Connect	2021
9	NEC Technology	Campus Connect "ACES"	2021
10	Capgemini	5G Labs	2021
11	Capgemini	Fullstack /AI	2021
12	Tata Steel	Campus Engagement between Tata Steel & GL Bajaj	2020
13	SAP	SAP University Alliance	2019
14	Birlasoft	Campus Engagement between Birlasoft & GL Bajaj	2019
15	Bosch	Indian Road Safety Campaign Solve	2019
16	Bosch	Campus Engagement between RBEI & GL Bajaj	2019
17	Wipro	Campus Connect	2019
18	Virtusa	Center of excellence (CoE)	2018
19	Uno Minda	Campus Connect Program	2018
20	SAP	SAP University Alliance	2017
21	KPIT	PACE Program	2017
22	Primotech Energy Solutions	Research & Development	2017
23	Tech Mahindra	Strategic Partnership	2016
24	Minda Silca	Industry- Institute Partnership	2016
25	Capgemini	Strategic Partnership	2016

1.2 Interaction with Industry Experts on strategic roles

NHRD-campus HR Conclave, HR Meets



HR Conclave, HR Meets (2023)



HR Conclave, HR Meets (2019)

Corporate Advisory Board Meetings



Corporate Advisory Board Meeting (2019)

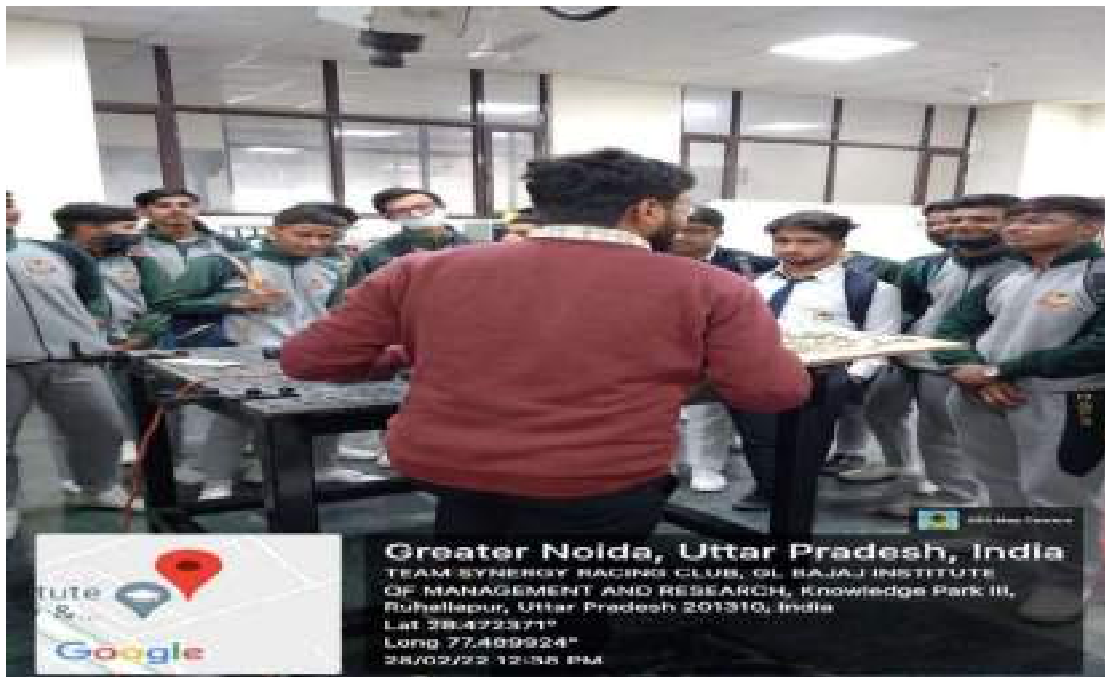


Corporate advisory board meeting (2018)

1.3 Industry oriented Training



Computer Integrated Manufacturing Lab (MTAB)



Robotics Training



3-D Printing

1.4 Talk by Industry experts

S.No.	Date Of Session	Name of the Speaker	Designation	Company	Topic/Theme	Eligible Branch
1	6th May 2022	Rachna Sirohi	Head Talent Acquisition University hiring	GS Lab	Campus to Corporate	CSE IT ECE Mech 2023 Batch
2	22nd April	Vinay Kumar Saib	AIA NCR Centre Head and Delivery Director for AIA Life Sciences Business	Cognizant	Career in IT & Cognizant	B.Tech (All Branch) / MCA 2023 Batch
3	15th April 2022	Apoorv Kathal	Lead Software Engineer	Impetus	Artificial Intelligence/Machine Learning, Cloud Computing	B.Tech CSE IT ECE 2023 & 2024 Batch
4	30th March 2022	Subnesh Sharma	Sr Director HR	VVDN Technoliges	Campus Connect	B.Tech All Branch 2023 Batch
5	29th March 2022	Mudit Bansal	Technical Team Manager	Mindtree	An overview & Behavioural Skills	B.Tech CSE IT ECE EEE 2023
6	16th March 2022	Alesia Allen	Global Delivery Executive,	NTT Data	Project Management in IT	B.Tech CSE IT ECE 2023
7	16th Feb 2022	Mr.Sunil Vashist	Vice President and- Professional Services Contact Center Practice	Servion Global Solutions	How the research & development works and innovation	B.Tech CSE IT ECE & MCA 2023
8	25th Jan 2022	Mr. Sanjeev Kumar	Delivery Manager	TCS	Cloud computing	B.Tech CSE IT & MCA
9	15th May 2021	Dr Sandeep Agrawal	Sr. Consultant	TCS	Telecom Convergence and 5 G	B.Tech CSE IT ECE EEE

10	18th May 2021	Mr.Prashanth M N,Himajit Aithal & karthik Rajapaul	AI Architect	Bosch	Human Machine Interface &AI based learning for automation	B.Tech CSE ITECE EEE
11	5th June 2021	Mr.Vishal Saraswat	Crypto Expert and Security Consultant	Bosch	Cybersecurity- Opportunities & Challenge	B.Tech CSE IT ECE ,EEE, Mech & MCA
12	26th May 2021	Mr.Dhurai Ganesan	Vice President Intelligent Automation and Data Services	NTT Data NASSCOM Masterclass on	Intelligent Automation	B.Tech CSE ITECE EEE
13	19th June 2021	Mr.Deo Kumar Pandey	USG Boral India	USG Boral India Ltd.	Working on employability more than employment. The need of the hour	B.Tech Mech EEE & Civil
14	19th July 2021	Dr. Saravana Kumar C S	Software Architect	Bosch	AI & ML	B.Tech CSE IT ECE & EEE
15	31st July 2021	Sriramakrishnan Jayaraman	Senior Manager	Bosch	Block Chain	B.Tech CSE IT ECE EEE
16	17th July 2021	Mr.Prabhakaran R	Senior Program Manager	Bosch	Human Machine Interface & Its Further Trends	B.Tech CSE ITECE EEE
17	3rd July 2021	Mr.Nikhiladheesh Y	Specialist	Bosch	Riding with Innovation	B.Tech CSE ITECE EEE & Mech
18	Aug 14th 2021	Mr.Hariharan Sethuraman	Business Domain Head - Healthcare Business	Bosch	Bosch in Healthcare	B.Tech CSE IT ECE & EEE
19	9th April 2021	Mr.Kapil Vats	Manager Software Engineering	Impetus	AI & ML	B.Tech CSE IT ECE 2022 Batch
20	18th Feb 2021	Ms Priyank Krishnan	Sr. People Partner	Birlasoft	Developing a learning attitude - A Dialogue	B.Tech CSE IT ECE

21	9th Jan 2021	Ms.Vidya Munirathnam	Director Learning & Diversity	Lowe's India	Campus Corporate	B.Tech CSE IT ECE & EEE
22	16th July 2021	Mr.Balasubramanya KAUP	Head Tribe	SOCIETE GENERALE	Campus Connect	B.Tech CSE IT ECE EEE & MCA
23	8th Feb 2020	Ms.Kreeti Mathur	Global Business HR Partner	ISGEC Heavy Engineering Ltd	Campus Connect	B.Tech Mech 2021 & 2022 Batch
24	30th April 2020	Mr. Anil Gaur	Group Chief People Officer	Uniparts India Ltd	Impact of Covid-19	B.Tech Mech/EEE 2nd & 3rd Year
25	31st Jan 2020	Mr.Krithivasan S	Lead Campus Hiring	Virtusa	Campus Connect	B.Tech CSE IT ECE & MCA 2021 Batch
26	25th June 2020	Mr.Namburi Manikanta	University Relations and Campus Recruitment	Odessa	Industry Readiness During Difficult times	B.Tech CS,IT & ECE
27	13th Aug 2020	Dr Tarun Rao	Associate Manager	Accenture	Artificial Intelligence	B.Tech CS,IT
28	7th Aug 2020	Akshay Bhargava	Head of Program Management Office	TCS	Digital Re Imagination	B.Tech CS IT ECE ,EEE & MCA
29	1st Aug 2020	Mr.Ayan De	State Head Hariyana	Nuvoco Vistas Corp Ltd	Common Complaints at Site and its remedies	B.Tech Civil 2021 & 2022 Batch
30	11th June 2020	Ravi Prakash	Senior Manager, Engineering	GlobalLogic	Enabling self to tap opportunities available in Industry	B.Tech CSE IT ECE 2021 Batch
31	6th sept 2019	Mr.Sudeep Luthra	Sr. HR leader & Head HR	Orange Business Services	HR Session	B.Tech ECE 2020 & 2021 Batch
32	14th Sept 2019	Mr.Anil Gaur	CHRO	Uniparts Group	HR Session	B.Tech Mech 2020 & 2021 Batch
33	6th Feb 2019	Ms.Priyanka Bhutani	Talent Acquisition Specialist	Kronos	Campus Connect	B.Tech CSE IT 2020 Batch
34	23rd Oct 2018	Mr.Umesh Agarwal	Head HR	Secure Meters Ltd.	Campus to Corporate	B.Tech All Branch

35	12th Oct 2018	Mr.Aseem Marwaha	Director Corporate	eLitmus	Campus to Corporate	B.Tech All Branch
36	29th Sept 2018	Mr.Pravesh Bhardwaj	Head HR	Stanley Engineered Fastening India Pvt Ltd	Campus Connect	B.Tech Mech
37	3rd Aug 2018	Mr.Raghuram Joshi	Sr.Gneral Manager	Bosch	IOT	B.Tech CSE IT & MCA 2019 Batch
38	19th Jan 2018	Shweta Kochar	Senior Manager Campus Recruitment	Optum-UHG	Latest Trends On Campus Hiring	B.Tech CSE IT ECE EEE
39	29th May 2018	Vijay Kumar	Manager HR	Vivo Mobile	Technical Session	B.Tech ECE & Mech
40	8th Aug 2018	Syed Zain Inhonvi	Lead Campus Recruitment	TCS	Codevita Awairness	B.Tech CSE IT ECE
41	6th Jan 2017	Mr.Mrinal Mandal	Corporate HR	Minda Sai Ltd.	Expection of Industry	B.Tech EEE &Mech
42	12th Jan 2017	Mr.Rajeev Gupta	Country Head-Marketing Railway Engineering	Autometer Alliance Ltd	Industry Acamia Gap	B.Tech EEE &Mech
43	8th April 2017	Mr.Abhishek Nag	HR Head	SDG Corporation	Session on Current Hiring Trend	B.Tech CSE IT ECE
44	7th April 2017	Mr.Prashant Sharma	MD	Primo Tech Energy Solutions Pvt Ltd.	Solar Lighting / Thermal / Rooftop Power Plants	B.Tech Mech ECE EEE
45	6th Sept 2017	Mr.BK Pandey	GM HR	Dee Piping System Ltd	Win - Win Attitude	B.Tech Mech
46	4th March 2017	Mr.Krithivasan S	Lead Campus Recruitment	Virtusa	Campus Connect	B.Tech CSE IT & MCA
47	24th April 2017	Ms.Surbhi Ghildiyal	Lead Campus Recruitment	TCS	Campus Connect	B.Tech CSE IT ECE EEE
48	30th May 2017	Mr.Rajiv Bose	Senior Managing Consultant	IBM	Campus Connect	B.Tech CSE IT ECE EEE
49	12th April 2017	Mr.Sarma RSS	VP- HR	Code Tantra Tech Solutions Pvt Ltd.	Technical Session on C & Java	MCA

1.5 Participation in Competitions

- **1 st Prize in All India Level contest organized by Virtusa (Jatayu)- 2021**

Web link: <https://theprint.in/ani-press-releases/virtusa-announces-jatayu-open-innovation-contest-2021-winners/720629/>

- **Runner-up in Capgemini All India Coding challenge 2017**

Web link: <https://twitter.com/CapgeminiIndia/status/924604674853847040>

- **1 st Prize and runner up in CII-Majestic Auto conducted Skills- Will-Lead inter college competition on various industry topics.**

1.6 QCFI-Delhi Chapter



Web link of the event: <https://www.glbitm.org/events/department-of-mechanical-engineering-gl-bajaj-has-organized--kaizen-conclave-in-association-with-qcfi-delhi-chapter/1062>

1.7 Industrial visits





1.8 Project-based learning







Vehicle for SAE

2. INNOVATION at GL Bajaj

2.1 Details of workshops/seminars/Conference conducted

Year	Name of the workshop/ seminar/ conference	Number of Participants	Date From – To
2021-22	MIC driven Activity on “Out of the box thinking for problem solving” hosted by MoE’s Innovation Cell	24	28 June 2022
2021-22	Validation of Innovation & converting into Start-up	258	
2021-22	World Environment Day	250	04 June 2022
2021-22	Live Hackathon	250	04 June 2022
2021-22	YUKTI 2022, Demo Day/Exhibition of Innovative Projects/Start-ups	210	28th May 2022
2021-22	National Technology Day	120	11 May 2022
2021-22	How to plan for Start-up and Legal & Ethical Steps	256	07 May 2022
2021-22	PARIKRAMA: The Campus Tour (Series-2)	127	30 April 2022
2021-22	Internal Hackathon: CODEBREAKERS based on Smart India Hackathon (SIH) 2022	78	2-3 March 2022
2021-22	Importance of Science technology & Innovation towards the implementation of NEP-2020	112	28 February 2022
2021-22	National Science Day	112	28 February 2022
2021-22	Parikrama: The Campus Tour	100	28 February 2022
2021-22	Poster Competition on the theme “My Definition of Innovation	25	08 February 2022
2021-22	Poster Competition on the theme “My Definition of Innovation”	20	5-8 February 2022

2021-22	Pitching Event for Ideas Scouted & linkage with Innovation Ambassadors for mentorship support.	53	29 - 1 December 2021
2021-22	The two days conference on Intelligent Computing and Security: A Paradigm Shift (IICS2021)	160	17-18 December 2021
2021-22	Expert talk on "Process of Innovation Development & Technology Readiness Level (TRL)" & "Commercializing of Lab Technologies & Tech-Transfer"	40	11 December 2021
2021-22	Workshop on Entrepreneurship Skill, Attitude and Behavior Development	117	10 December 2021
2021-22	Salesforce student Dreamin2021	186	10 December 2021
2021-22	Bosch IoT Garage ideation Event	92	9 - 10 December 2021
2021-22	Alumni Interaction on Entrepreneurship	55	07 December 2021
2021-22	Emerging Fields and Future Possibilities in Hydrodynamic Models with a Case Study	44	03 December 2021
2021-22	linkage of innovative ideas with the Innovation Ambassadors	38	29 November 2021 to 01 December 2021
2021-22	Workshop on "Entrepreneurship and Innovation as Career Opportunity"-2021	29	27 November 2021
2021-22	Problem Solving and Ideation Workshop with EdGate Technologies	72	27 November 2021
2021-22	My Success Story as an Innovator	35	26 November 2021

2021-22	Webinar on Scientific writing for journal publication & Research integrity and publication ethics	98	25 November 2021
2021-22	CODING COMPETITION	303	15 November 2021
2021-22	Success story by Startup founder and Orientation on NISP	105	30 October 2021
2021-22	An invited talk on “Funding opportunity at early stage of innovation” by Mr. Ashish Kanaujia	55	01 October 2021
021-22	A Ride on Opportunities and Challenges (Competitive Market, Innovation, Incubation and Entrepreneurship - 3 Days Orientation Program)	96	15-17 September 2021
2021-22	IIC portal	20	15-17 September 2021
2021-22	Innovation, New Initiatives and Research	114	15 September 2021
2021-22	Block Chain Session by IBM Professionals And IIT Bombay Startup for Innovation and Entrepreneurship in Blockchain enabled Technology and Solutions (Internship/Proof Concepts and writing funding proposals)	98	15 September 2021
2021-22	Innovative Idea Competition themed "Innovation, new initiatives, and Research"	114	11-15 September 2021
2021-22	World entrepreneurship day	52	21 August - 28 August 2021
2021-22	“ National Webinar on Research, Innovation, and Ranking	50	11 August 2021
2021-22	Journey from campus to entrepreneur- challenges and milestones	110	11 August 2021
2021-22	Symposium on AI and Multidisciplinary Research: Opportunities and Challenges	108	20 July 2021

2021-22	Session on Prototype Validation - Converting Prototype into a Startup by K.P.Singh	10	17 July 2021
2021-22	Session/ Panel discussion with innovation and Startup Ecosystem Enablers from the region/state/national level	106	16 July 2021
2021-22	<u>online Idea / PoC presentation on the emerging theme</u>	25	17-19 May 2021
2021-22	Interactive session with successful startup founders	47	31 January 2021



GL BAJAJ

Institute of Technology & Management

FIND YOUR SPARK

Approved by AICTE & Affiliated to AKTU



2ND INTERNATIONAL CONFERENCE ON CYBERSECURITY & EVOLUTIONARY DATA ENGINEERING (ICCEDE 2022)

Organized by

Department of Master of Computer Applications



B.Tech | M.Tech | MBA | MCA



www.glbitm.org

GL BAJAJ

Institute of Technology & Management
Plot No. 2, Knowledge Park III, Greater Noida,
Uttar Pradesh 201306

Session on
**“How to Plan for Start-up and Legal
& Ethical Steps”**

Organized by
Civil Engineering along with
Electrical and Electronics Engineering Department
GL Bajaj Institute of Technology and Management



5G Training at ALTTC - BSNL



Students of 3rd Year
Department of Electronics & Communications

**2.2 Grants received from Government and non-governmental agencies for research projects, endowments
(INR in Lakhs)**

Name of the Project/ Endowments, Chairs	Name of the Principal Investigator/ Co-investigator	Department of Principal Investigator	Year of Award	Amount Sanctioned	Duration of the project	Name of the Funding Agency	Type (Government/non-Government)
MODROB Lab	Dr. Satyendra Sharma	ECE	2021-22	17.99	2 Years	AICTE New Delhi	Government
Scheme for Promoting Internet ,Creativity & Ethics among Students	Dr. Vinod Yadav	ME	2021-22	1	1 Years	AICTE New Delhi	Government
Start-up Boot Camp	Dr. Shashi Prakash Dwivedi	ME	2021-22	1	1 Years	StartinUP, Luchnow	Government
ATAL Faculty Development Program on Data Science	Dr. R P Ojha	CSE	2021-22	0.93	5 Days	AICTE New Delhi	Government
Faculty Development Program on moral values, attitude and workplace behaviour	Dr. Jay Singh	EEE	2021-22	0.93	5 Days	AICTE New Delhi	Government
Divisional Level Science & Technology Exhibition	Dr. Prem Chand Vashist	IT	2021-22	2	3 days	RSCT, GZB	Government

Name of the Project/ Endowments, Chairs	Name of the Principal Investigator/Co-investigator	Department of Principal Investigator	Year of Award	Amount Sanctioned	Duration of the project	Name of the Funding Agency	Type (Government/non-Government)
MODROB Lab	Dr Mohit Bansal	EEE	2020-21	17.2549	2 Years	AICTE New Delhi	Government
Faculty Development Program on Energy Engineering	Dr Mohit Bansal	EEE	2020-21	0.93	5 Days	AICTE New Delhi	Government
Short Term Training Program on moral , values, attitude and behaviour science	Dr. Jay Singh	EEE	2020-21	2.97667	6 days	AICTE New Delhi	Government
International Conference on Computational and Experimental Methods in Mechanical Engineering (ICCEMME-2021)	Dr Satish Chand	ME	2020-21	.80	1Year	DRDO, IOCL, IFFCO, Swift well resource management PVT LTD	Government

Name of the Project/ Endowments, Chairs	Name of the Principal Investigator/ Co- investigator	Department of Principal Investigator	Year of Award	Amount Sanctio ned	Durati on of the projec t	Name of the Funding Agency	Type (Governm ent/non- Governme nt)
Detection and classification of lung diseases from CTMRI scans using image segmentation and soft computing Technique-	Dr. Vijai Singh	CSE	2019-20	3	3 Years	AKTU	Governme nt
IEEE sponsored International Conference on Power Energy Environment and Intelligence control (PEEIC-2019)	Dr. Jay Singh	EEE	2019-20	2.36	2 days	Indian Oil Corporation Limited, Noida	Governme nt
Development of Solar based Battery management system for Electrical Vehicle	Dr Mohit Bansal	EEE	2019-20	3	1 Year	Collabora tive Research & Innovatio n Program under TEQIP- III, AKTU Lucknow	Governme nt
Smart Metering Infrastructure based Android Application to track consumer electricity usage	Dr.Prem Chand Vashist	IT	2019-20	5	18 months	Council of Science & Technology Uttar Pradesh	Governme nt
CSTUP Engineering Project Grant Scheme 2019-20	Dr. Shashi Prakash Dwivedi	ME	2019-20	0.2	6 month	Council Of Science	Governme nt

						& Technology U.P.	
CSTUP Engineering Project Grant Scheme 2019-20	Dr. Shashi Prakash Dwivedi	ME	2019-20	0.2	6 month	Council Of Science & Technology U.P.	Government
CSTUP Engineering Project Grant Scheme 2019-20	Dr. Pushpa choudhary	IT	2019-20	0.2	6 month	Council Of Science & Technology U.P.	Government
Development of new composite bricks for commercial purpose	Dr. V R Mishra	ME	2019-20	3	1 Year	AKTU TEQIP-III	Government
Near Net shape generation of Nano composite parts via stir casting and 3D-printing approach	Dr Ashish Kumar Srivastva	ME	2019-20	3	1 Year	AKTU TEQIP-III	Government
Simulation modeling synthesis of hybrid grain metal matrix composite by friction stir processing	Dr. Ashish Kumar Srivastava	ME	2019-20	3	1 Year	AKTU TEQIP-III	Government
Enhancement of machining performance of powder mixed electric discharge machining using bio-dielectric	Dr. Shashi Prakash Dwivedi	ME	2019-20	3	1 Year	AKTU TEQIP-III	Government

Name of the Project/ Endowments, Chairs	Name of the Principal Investigator /Co- investigator	Depart ment of Princip al Investig ator	Year of Award	Amount Sanctio ned	Durati on of the projec t	Name of the Funding Agency	Type (Governme nt/non- Governmen t)
Faculty Development Program on Teaching Learning Process	Dr. Jay Singh	EEE	2018-19	2.2	5 days	AKTU Lucknow under TEQIP-III	Government
Low cost Experimental RF Education Kit	Dr. Dinesh Kumar Singh	ECE	2018-19	0.51	1 Year	MTT-S	Government
Entrepreneurship Development	Mr Manish Arya	ECE	2018-19	0.8	1 Year	DST	Government
Capacity development need for 4.0 in India	Dr. V R Mishra	ME	2018-19	2.06	1 Year	Asian Productivit y Organizatio n	Non- Government
Analysis of performance and design characteristics of fluid cook stove CST U.P.	Mr. Vinod Kumar Yadav	ME	2018-19	0.2	1 Year	CST -UP	Government
Design and fabrication of smart chair for spine related problem CST U.P.	Mr. Vinod Kumar Yadav	ME	2018-19	0.2	1 Year	CST -UP	Government
Safety Device to detect and remove hazardous gases in sewage	Pradeep Kumar Bhardwaj, Amit Sehgal	ECE	2018-19	0.2	1 Year	CST-UP	Government
Design and Implementation of water pollution detector for Swacha Bharat Abhiyan	Dr Amit Sehgal, Piyush Yadav	ECE	2018-19	0.2	1 Year	CST-UP	Government

Production of fuel from plastic waste using molecular deterioration process CSTUP	Mr. Anuj Gupta	ME	2018-19	0.2	1 Year	CST -UP	Government
Travel Grant for ICCCCs-2018	Dr.Prem Chand Vashist	IT	2018-19	1	2 days	AKTU	Government
International Conference on Communication and Computing Technology (ICCCT-2018)	Dr.Prem Chand Vashist	IT	2018-19	1.5	2 days	Science and Engineering Research Board (A Body of DST)	Government
Dr Abdul Kalam Arts& Cultural, Sports and Technical, Literary& Management Fest 2018-19	Dr.Prem Chand Vashist	IT	2018-19	1.5	2 days	AKTU	Government
International Conference on Computational and Experimental Methods in Mechanical Engineering ICCEMME-2019	Dr Satish Chand	ME	2018-19	8.65	1Year	Science and Engineering Research Board (A Body of DST), AKTU CST UP, ISTE-AICTE New Delhi AKTU Lucknow under TEQIP-III DST, AKTU	Government

Name of the Project/ Endowments, Chairs	Name of the Principal Investigator /Co- investigator	Depart ment of Princip al Investig ator	Year of Award	Amoun t Sanctio ned	Durati on of the projec t	Name of the Funding Agency	Type (Government/ non- Government)
Faculty Development Program on Advance Application of MATLAB in ENgineering	Dr. Jay Singh	EEE	2017-18	1.5	5 days	AKTU Lucknow under TEQIP-III	Government
To conduct National Seminar on Research Trends in cognitive Radio & MIMO communication system	Dr. Rajeev Agrawal	ECE	2017-18	0.5	1 Year	AKTU	Government
Computer Aided Decision Support System to Enhance Accuracy in Clinical Diagnosis.	Dr. Rajeev Agrawal	ECE	2017-18	4.56	2 Years	AKTU	Government
CST U.P. engineering students' project grant scheme	Naveen Chauhan	CSE	2017-18	0.2	1 Year	CST UP	Government
CST U.P. engineering students' project grant scheme	Dr. K K Singh	ECE	2017-18	0.2	1 Year	CST UP	Government
Induction Program Refresher program on creativity and innovation in teaching and learning	Dr. Jay Singh	EEE	2017-18	3	6 days	ISTE-AICTE New Delhi	Government

2.3 Number of research papers published per teacher in the Journals notified on UGC website during the last five years

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number	Link to the recognition in UGC enlistment of the		
						Link to website of the Journal	Link to article/paper/abstract of the article	Is it listed in UGC Care list/Scopus/Web of Science/other, mention
Stability analysis for Nabla discrete fractional-order of Glucose-Insulin Regulatory System on diabetes mellitus with Mittag-Leffler kernel	Bandana Priya	Applied Science and Humanities	Biomedical Signal Processing and Control	2021-22	1746-8108	Biomedical Signal Processing and Control Journal ScienceDirect.com by Elsevier	https://doi.org/10.1016/j.bspc.2022.104295	SCIE
The Karush-Kuhn-Tucker (KKT) optimality conditions for fuzzy-valued fractional optimization problems	Deepika Agarwal	Applied Science and Humanities	Mathematics and Computers in Simulation	2021-22	1872-7166	Mathematics and Computers in Simulation Journal ScienceDirect.com by Elsevier	https://doi.org/10.1016/j.matcom.2022.10.024	SCIE
Electrostatically functionalized CVD grown multiwalled carbon nanotube/ palladium polymer nanocomposite (MWCNT/Pd) for methane detection at room temperature	Pooja Saxena	Applied Science and Humanities	Chemical Engineering Science	2021-22	1873-4405	Chemical Engineering Science Journal ScienceDirect.com by Elsevier	https://doi.org/10.1016/j.ces.2022.118191	SCIE
Fuzzy observer-based consensus tracking control for fractional-order multi-agent systems under cyber-attacks and its application to electronic circuits	Bandana Priya	Applied Science and Humanities	IEEE Transactions on Network Science and Engineering	2021-22	2327-4697	IEEE Xplore: IEEE Transactions on Network Science and Engineering	Fuzzy Observer-Based Consensus Tracking Control for Fractional-Order Multi-Agent Systems Under Cyber-Attacks and Its Application to Electronic Circuits IEEE Journals & Magazine IEEE Xplore	SCIE
On the Finite-Time Boundedness and Finite-Time Stability of Caputo-Type Fractional Order Neural Networks with Time Delay and Uncertain Terms	Bandana Priya	Applied Science and Humanities	Fractal and Fractional	2021-22	2504-3110	Fractal and Fractional An Open Access Journal from MDPI	https://doi.org/10.3390/fractalfract6070368	SCIE
APPROXIMATION FOR GUPTA TYPE GENERAL OPERATORS BASED ON MIHEAN BASIS FUNCTIONS	Sangeeta Garg	Applied Science and Humanities	Publications de l'Institut Mathematique	2021-22	0350-1302	http://elib.mi.sanu.ac.rs/journals/publ	https://doi.org/10.2298/PIIM2225077G	ESCI/SCOPUS
An Evaluation of Factors Affecting Family Business Succession for Smart Human Resource Management	Rashmi Mishra	Applied Science and Humanities	Journal of Pharmaceutical Negative Results	2021-22	0976-9234	About the Journal Journal of Pharmaceutical Negative Results (pnjournal.com)	https://doi.org/10.47750/pnr.2022.13.506.435	SCOPUS
Design of a Biosensor for the Detection of Dengue Virus Using 1D Photonic Crystals	Sanjeev Sharma, Arun Kumar	Applied Science and Humanities	Plasmonics	2021-22	1557-1955	https://www.springer.com/journal/11468	https://doi.org/10.1007/s11468-021-01555-x	SCIE
A simple and compact broadband circularly polarized circular slot antenna for WLAN/WiMAX/DBS applications	Shilpee Patil, Anil Kumar Singh, Vijay Kumar Pandey, Binod Kumar Kanaujia and Anil Kumar Pandey	Applied Science and Humanities	Frequenz	2021-22	2191-6349	https://www.degruyter.com/journal/key/freq/html	https://doi.org/10.1515/freq-2021-0118	SCIE
Choice of an Outdoor Game by mixed one Parametric IFMeasures	Rupa Rani Sharma	Applied Science and Humanities	International Journal of Economic Perspectives,	2021-22	1307-1637	https://ijeponline.org/index.php/journal	https://ijeponline.org/index.php/journal/article/view/193/210	SCOPUS

Monitoring of PAHs (Fluoranthene and Benzo(a)Anthracene) in Ambient Air of Ghaziabad Area of National Capital Region and Control of Air Pollution by Triveni Wood, Polycyclic Aromatic Compounds	Nidhi Rani	Applied Science and Humanities	<u>Polycyclic Aromatic Compounds</u>	2021-22	1040-6638	https://www.tandfonline.com/journals/gpol20	https://www.tandfonline.com/doi/full/10.1080/10406638.2022.2067193	SCIE
EXPLORATION OF NEWER POSSIBILITIES TO THE SYNTHESIS OF SMALL MOLECULES OF MEDICINAL SYNTHESIS OF SMALL MOLECULES OF MEDICINAL	Meenakshi Shram, Deepti, Ashish Kumar	Applied Science and Humanities	YMER	2021-22	0044-0477	http://ymerdigital.com/	https://www.scilit.net/article/bc04189c0f5816eac024118329398771	SCOPUS
Biomass wastes: A potential catalyst source for biodiesel production,	Soumya Parida, Monika Singh, Subhalaxmi Pradhan,	Applied Science and Humanities	Bioresource Technology Reports	2021-22	2589-014X	https://www.sciencedirect.com/journal/bioresource-technology-reports	https://doi.org/10.1016/j.biteb.2022.101081	SCOPUS
Automatic Framework for Vegetable Classification using Transfer-Learning	Harendra Singh ¹ , Roop Singh ² , Parul Goel ³ , Anil Singh ⁴ and Naveen Sharma	Applied Science and Humanities	<u>International Journal of Electrical and Electronics Research (IJEER)</u>	2021-22	2347-470X	https://ijeer.forexjournal.co.in/	https://doi.org/10.37391/IJEER.100257	SCOPUS
Two Level Storage Inventory Model with Ramp Type Demand under Inflationary Environment with Partial Backordering	Vineet Kumar, Sudesh Kumar Garg, Soniya Gupta, Sanjay Kumar Sharma	Applied Science and Humanities	Evergreen	2021-22	2189-0420	http://www.tj.kyushu-u.ac.jp/evergreen/	https://doi.org/10.5109/4794161	SCOPUS
Exergo-economic analysis and optimization of cooled CGAM cycle: A gas turbine based co-generation cycle	Shivam Mishra	Applied Science and Humanities	International Journal of Engine Research.	2021-22	1468-0874	https://journals.sagepub.com/home/ijer	https://doi.org/10.1177/14680874211104634	SCI
Use of Quantum Chemical Parameters in Biochemical Interaction Analysis of Flavonoid Derivatives as Tyrosin kinase Inhibitors	Brij Kishore Tiwari ¹ , Mamta Thakur ² , Abhilash Thakur ³ , Ashish sharma ⁴ , Subhadra Rajput ⁵ , Dipti Bharti ⁶	Applied Science and Humanities	International Journal of Application or Innovation in Engineering & Management (IJAEM)	2021-22	2319-4847	www.ijaem.org	https://www.ijaem.org/pabstract.php?vol=Volume11Issue2&pid=IJAEM-2022-02-15-2	SCOPUS
Riemann integrability based optimality criteria for fractional optimization problems with fuzzy parameters	Deepika Agrawal, P Singh	Applied Science and Humanities	Iranian Journal of Fuzzy system	2021-22	1735-0654	https://ijfs.usb.ac.ir/	https://doi.org/10.22111/ijfs.2022.6796	SCIE
Energy, Exergy, Environmental and Economic Analyses of Natural Refrigerants for Cascade Refrigeration.	Singh, K.K., Kumar, R.	Applied Science and Humanities	Arabian Journal of Science and Engineering	2021-22	2191-4281	https://www.springer.com/journal/13369	https://doi.org/10.1007/s1369-022-06804-7	SCIE
Multi-objective Optimization of Thermodynamic and Economic Performances of Natural Refrigerants for Cascade Refrigeration	Singh, K.K., Kumar, R. & Gupta, A	Applied Science and Humanities	Arab J Sci Eng	2021-22	2191-4281	https://www.springer.com/journal/13369	https://doi.org/10.1007/s1369-021-05924-w	SCI
Constaring a bul viscous Bianchi type I dark energy dominated universe with recent observational data	Anil Yadav, Avinash Yadav, Manvinder Singh, R Prasad, , Nafis Ahmad	Applied Science and Humanities	Physical Review D	2021-22	2470-0010	Physical Review D (aps.org)	https://doi.org/10.1103/PhysRevD.104.064044	SCI

Cosmic Identity	Richa Sharma & Saurabh Raj	Applied Science and Humanities	Turkish Online Journal of Qualitative Inquiry	2021-22	1309-6591	https://tojqi.net/	EBSCOhost 160604435 Cosmic Identity.	Scopus
Understanding Trascription Factors in Plant response to drought stress	G K Rai, G Jamwal, G Rai, Monika Singh	Applied Science and Humanities	Indian Journal of Agricultural Biochemistry	2021-22	0974-4479	indianjournals.com/ijor.aspx?target=ijor:ijab&type=home	indianjournals.com/ijor.aspx?target=ijor:ijab&volume=34&issue=2&article=002	Scopus
Study on effect of variation of geographical and climatic conditions on chemical constituents and biological activity of Emblica officinalis	Bharti Dipti, Singh Rahul and Arora Charu	Applied Science and Humanities	Research Journal of Chemistry and Environment	2021-22	0972-0626	worldresearchersassociations.com/Archives/RJCE/Vol/25/2021/October 2021/Study on effect of variation of geographical and.aspx	https://doi.org/10.25303/2510rjce14120	Scopus
Impulsive effect on stochastic bidirectional associate memory neural network with reaction diffusion and leakage delays	Ganeshkumar Thakur, M. Syed Ali, Bandana Priya, V. Gokula Krishnan & SyedaAsma Kauser	Applied Science and Humanities	International Journal of Computer Mathematics	2021-22	1029-0265	International Journal of Computer Mathematics Taylor & Francis Online (tandfonline.com)	https://doi.org/10.1080/00207160.2021.1999428	Scopus
Analysis of Dielectric Behavior of PVDF: PSF Polyblends at Low Frequencies from Measurements of Anomalous Absorption and Desorption Currents.	Pooja Saxena, P Shukla	Applied Science and Humanities	Journal of Applied Polymer Science	2021-22	1097-4628	https://onlinelibrary.wiley.com/doi/10.1002/polb.51952	https://doi.org/10.1002/polb.51952	SCI
LIGHTWEIGHT SECRET SHARING CRYPTOGRAPHIC SCHEME FOR DECENTRALIZED DISTRIBUTED WANET USING TRI-VARIATE POLYNOMIALS OVER ECC	Suryya Farhat, Manoj Kumar, R.K.Mishra	Applied Science and Humanities	Journal of Xi'an Shiyu University, Natural Sciences Edition	2021-22	1673-064X	https://www.xisdjxjxu.asia	Details (xianshiyoudaxueuebao.com)	Scopus
Dendritic polyurea microcapsule: a slow release nitrogenous fertilizer	Ashish Khandelwal, Monika Singh, Renu Singh, Manoj Shrivastava	Applied Science and Humanities	Iranian Polymer Journal	2021-22	1735-5265	https://www.springer.com/journal/13726	https://doi.org/10.1007/s13726-021-00968-z	SCI
Dissipative-based synchronization of Markovian jumping complex dynamical networks with additive time-varying delays, reaction-diffusion terms, uncertainties, and sampled-data control	Ganesh Kumar Thakur, M. Usha, M. Syed Ali, Bandana Priya, Syeda Asma Kauser	Applied Science and Humanities	Mathematical method in Applied Sciences	2021-22	1099-1476	Mathematical Methods in the Applied Sciences - Wiley Online Library	https://doi.org/10.1002/mma.7880	SCI
Security Issues in Vanet: A survey	Dr K S Babulal, Shradha Gupta	Applied Science and Humanities	Huazhong University of Science and Technology	2021-22	1672-0733	http://hustjournal.com/vol50mar-2/	http://hustjournal.com/vol50mar-2/	Scopus
Comparative exergetic, economic and exergoeconomic analyses of a hybrid cascade refrigeration system using ammonia propane-propylene and isobutane-propane refrigerant pairs	Kaushalendra Kumar, Rajesh Kumar, Anjana Gupta	Applied Science and Humanities	International Journal of Exergy	2021-22	1742-8297	International Journal of Exergy Home (inderscienceonline.com)	https://doi.org/10.1504/IJEX.2021.118723	SCI
pth moment exponential stability of memristor Cohen-Grossberg BAM neural networks with time-varying delays and reaction-diffusion	Bandana Priya, M. Syed Ali, Ganesh Kumar Thakur, Sumaya Sanober, Bhawna Dhupia,	Applied Science and Humanities	Chineses Journal of Physics	2021-22	0577-9073	Chinese Journal of Physics ScienceDirect.com by Elsevier	https://doi.org/10.1016/j.cjph.2021.06.027	SCI
Prediction of health monitoring with deep learning using edge computing	Shivam Tiwari	Computer Science & Engineering	Measurement: Sensors	2021-22	2665-9174	Measurement: Sensors Journal ScienceDirect.com by Elsevier	https://doi.org/10.1016/j.measen.2021.100604	Scopus

DDNet- A Deep Learning Approach to Detect Driver Distraction and Drowsiness	SS Chauhan	Computer Science & Engineering	Evergreen	2021-22	2189-0420	Evergreen - Joint Journal of Novel Carbon Resource Sciences and Green Asia Strategy (kyushu-u.ac.jp)	http://dx.doi.org/10.5109/484843120	Scopus
Fuzzy Expert System for Determining State of Solar Photo Voltaic Power Plant Based on Real-Time Data	Laxmi Kant Sagar	Computer Science & Engineering	Evergreen	2021-22	2189-0420	Evergreen - Joint Journal of Novel Carbon Resource Sciences and Green Asia Strategy (kyushu-u.ac.jp)	https://doi.org/10.5109/4843118	Scopus
Real-world model for bitcoin price prediction	Rajat Kumar Rathore	Computer Science & Engineering	Information Processing and Management	2021-22	1873-5371	Information Processing & Management Journal ScienceDirect.com by Elsevier	https://doi.org/10.1016/j.ipm.2022.102968	SCIE
Software product line regression testing based on fuzzy clustering approach using distance method	Satendra Kumar	Computer Science & Engineering	International Journal of Engineering Systems Modelling and Simulation	2021-22	1755-9766	International Journal of Engineering Systems Modelling and Simulation Home (inderscienceonline.com)	https://doi.org/10.1504/IJESMS.2022.126301	Scopus
A deep neural network with hybrid spotted hyena optimizer and grasshopper optimization algorithm for copy move forgery detection	Pushpa Singh	Computer Science & Engineering	Multimedia Tools and Applications	2021-22	1380-7501	Multimedia Tools and Applications Home (springer.com)	https://doi.org/10.1007/s11042-022-14163-6	SCIE
Breast cancer diagnosis using Stochastic Self-Organizing Map andEnlarge C4.5	Rajeev Kumar	Computer Science & Engineering	Multimedia Tools and Applications	2021-22	1380-7501	Multimedia Tools and Applications Home (springer.com)	https://doi.org/10.1007/s11042-022-14265-1	SCIE
Wormhole attack detection techniques in ad-hoc network: A systematic review	Chitvan Gupta	Computer Science & Engineering	Open Computer Science	2021-22	2299-1093	Open Computer Science (degruyter.com)	https://doi.org/10.1515/comp-2022-0245	SCOPUS
Peripheral blood cell classification using modified local-information weighted fuzzy C-means clustering-based golden eagle optimization model	Rajiv Kumar	Computer Science & Engineering	Soft Computing	2021-22	1432-7643	Soft Computing Home (springer.com)	https://doi.org/10.1007/s00500-022-07392-2	SCIE
A robust technique for biometric image authentication using invisible watermarking	Ms. Payal Garg	Computer Science & Engineering	Multimedia Tools and Applications	2021-22	1380-7501	Multimedia Tools and Applications Home (springer.com)	https://link.springer.com/article/10.1007/s11042-022-13314-z	SCI
Wearable Sensors with Internet of Things (IoT) and Vocabulary-Based Acoustic Signal Processing for Monitoring Children's Health	Mr. Shivam Tiwari	Computer Science & Engineering	Computational Intelligence and Neuroscience	2021-22	1687-5265	Computational Intelligence and Neuroscience Hindawi	https://doi.org/10.1155/2022/9737511	SCIE
Experimental and Statistical Evaluation of Drilling induced Damages in GFRP Composites – Taguchi integrated Supervised Machine Learning Approach	Mr. Shivam Tiwari	Computer Science & Engineering	Engineered Science	2021-22	2576-9898	https://www.espublisher.com	https://www.espublisher.com/journals/article/details/733	SCOPUS
Clustering Adaptive Elephant Herd Optimization Based Data Dissemination Protocol for VANETs	Dr. Bhoopendra dwivedy	Computer Science & Engineering	EVERGREEN Joint Journal of Novel Carbon Resource Sciences & Green Asia Strategy	2021-22	2189-0420	http://www.tj.kyushu-u.ac.jp/evergreen/	https://doi.org/10.5109/4742126	SCOPUS
Hiding Capacity and Audio Steganography Model Based on LSB in Temporal Domain	Ms. Anju Chandna	Computer Science & Engineering	Recent Patents on Engineering, Volume 16, Number 2, 2022, pp. 65-74(10)	2021-22	18722121	https://benthamscience.com/journals/rpeng	https://www.ingentaconnect.com/content/ben/eng/2022/00000016/00000002/art0008	SCOPUS

A Review Importance of Big data in Healthcare and its Key Features	Mr. Shivam Tiwari	Computer Science & Engineering	Journal of Innovations in Data Science and Big Data Management	2021-22	NA	https://matjournals.com/Journal-of-Innovations-in-Data-Science-and-Big-Data-Management.html	https://doi.org/10.46610/JIDSDM.2022.v01i02.001	Peer Reviewed
Deep learning based feature extraction and a bidirectional hybrid optimized model for location based advertising	Dr. Rajiv Kumar	Computer Science & Engineering	Multimedia Tools and Applications	2021-22	13807501, 15737721	https://www.springer.com/journal/11042	https://link.springer.com/article/10.1007/s11042-022-12457-3	SCIE
Machine Learning Techniques for True and Fake Job Posting	Dr. Sachin Yadav	Computer Science & Engineering	ECS Transactions	2021-22	1938-6737	https://iopscience.iop.org/journal/1938-5862	https://iopscience.iop.org/article/10.1149/10701.2383ecst/meta	SCOPUS
Deep Learning Approach for Radical Sound Valuation of Fetal Weight	Dr. Sachin Yadav	Computer Science & Engineering	ECS Transactions	2021-22	1938-6737	https://iopscience.iop.org/journal/1938-5862	https://iopscience.iop.org/article/10.1149/10701.2735ecst	SCOPUS
A metaheuristic optimization approach-based anomaly detection with LASSO Regularization	Ms. Payal Garg	Computer Science & Engineering	International Journal of Software Innovation (IJSI)	2021-22	2166-7160	https://www.igi-global.com/journal/international-journal-software-innovation/64245	10.4018/IJSI.297917	SCOPUS
Survey on Machine Learning in Speech Emotion Recognition and Vision Systems using a Recurrent Neural Network (RNN)	Ms. Subiya Zaidi	Computer Science & Engineering	Archives of Computational Methods in Engineering	2021-22	1134-3060	https://www.springer.com/journal/11831	https://link.springer.com/article/10.1007/s11831-021-09647-x	SCI
Instinctive Recognition of Pathogens in Rice Using Reformed Fractional Differential Segmentation and Innovative Fuzzy Logic-Based Probabilistic Neural Network	Dr. Pooja Singh	Computer Science & Engineering	Journal of Food Quality	2021-22	1745-4557	https://www.hindawi.com/journals/jfq/	https://doi.org/10.1155/2022/8662254	SCI
A Cognitive Study On One District One Product	Mr. Shivam Tiwari	Computer Science & Engineering	Journal of Big Data Technology and Business Analytics	2021-22	NA	Journal of Big Data Technology and Business Analytics (matjournals.co.in)	https://doi.org/10.46610/JBDTBA.2022.v01i02.001	Peer Reviewed
Blockchain-based Synergistic Solution to Current Cybersecurity Frameworks. Multimedia Tools and Applications	S.K. Yadav, Kavita Sharma, C. Kumar, A. Arora	Computer Science & Engineering	Multimedia Tools and Applications	2021-22	1573-7721	https://www.springer.com/journal/11042	https://link.springer.com/article/10.1007/s11042-021-11465-z	SCIE
Analysis and prediction of urban ambient and surface temperatures using internet of things	Kritika Sharma	Computer Science & Engineering	International Journal of System Assurance Engineering and Management	2021-22	01976-4348	International Journal of System Assurance Engineering and Management Home (springer.com)	https://doi.org/10.1007/s13198-021-01502-3	ESCI/SCOPUS
Digital image forgery detection under complex lighting using Phong reflection model	Anuj Rani	Computer Science & Engineering	Journal of Electronic Imaging	2021-22	1017-9909	Journal of Electronic Imaging (spiedigitallibrary.org)	https://doi.org/10.1117/1.JEI.31.5.051402	SCIE
Prediction of Euclidean distance between existing and target product for software product line testing using FeatureIDE	Satendra Kumar	Computer Science & Engineering	International Journal of Engineering Systems Modelling and Simulation	2021-22	1755-9766	https://www.inderscience.com/jhome.php?icode=iiesms	10.1504/IJESMS.2021.119864	ESCI/SCOPUS
Supervise the physicochemical quality of ground water using soft computing technique	Vivek Sharma	Computer Science & Engineering	Environmental Technology (United Kingdom)	2021-22	1479-487X	https://journals.sagepub.com/author-instructions/SCI?utm_medium=cpc&utm_source=google&utm_campaign=oa_dec_subdriving_sci&utm_content=A23J0025&gad=1&gclid=Cj0KCQjwnMwKBhDLARIsAHBOftrMRJlKwZ5PU-BgcdMbf0CC4C4Ar2pRxHwTRah32S9gIKKiDr5m5gMaAqRgEALw_wcB	https://doi.org/10.1080/09593330.2021.1983023	SCIE

Secure video communication using firefly optimization and visual cryptography	Anuj Rani	Computer Science & Engineering	Artificial Intelligence Review	2021-22	0269-2821	Artificial Intelligence Review Home (springer.com)	https://doi.org/10.1007/s10462-021-10070-8	SCIE
An evolutionary-based technique to characterise an anomaly in internet of things networks	Alok Kumar Shukla, Sanjeev Pippal	Computer Science & Engineering	International Journal of Internet Technology and Secured Transactions	2021-22	1748-5703	International Journal of Internet Technology and Secured Transactions Home (inderscienceonline.com)	https://doi.org/10.1007/s11277-021-08634-6	SCOPUS
QoS Enhancement in Cloud-IoT Framework for Educational Institution with Task Allocation and Scheduling with Task-VM Matching Approach	A.L.N Rao	Computer Science & Engineering	Wireless Personal Communications	2021-22	0929-6212	Wireless Personal Communications Home (springer.com)	https://doi.org/10.1007/s11277-021-08634-6	SCIE
Analysis of epidemic model for performance evaluation of rechargeable wireless sensor network	Shashank Awasthi	Computer Science & Engineering	Journal of Engineering Research (Kuwait)	2021-22	2307-1877	https://kuwaitjournals.org/ier/index.php/JER/home	https://kuwaitjournals.org/ier/index.php/JER/article/view/15847	SCIE
Cuckoo Search Constrained Gamma Masking for MRI Image Detail Enhancement	Amrita Rai	Electronics & Communication Engg.	IJETA, Traitement du Signal	2021-22	0765-0019	https://www.ieta.org	https://doi.org/10.1007/s11277-021-08634-6	Scopus
AI-Based Resource Allocation Techniques in Wireless Sensor Internet of Things Networks in Energy Efficiency with Data Optimization	Amrita Rai	Electronics & Communication Engg.	Electronics (Switzerland)	2021-22	20799292	Electronics An Open Access Journal from MDPI	https://doi.org/10.3907/electronics11132071	SCIE
Sensitivity Enhancement of Surface Plasmon Resonance (SPR) Sensor Assisted by BlueP/MoS2 Based Composite Heterostructure	P.S Pandey	Electronics & Communication Engg.	IEEE Access	2021-22	2169-3536	https://ieeexplore.ieee.org/	https://ieeexplore.ieee.org/document/9938980	SCIE
Physical Layer Security Analysis of Multi-hop Hybrid RF/FSO System in Presence of Multiple Eavesdroppers	Dipti R Pattanayak	Electronics & Communication Engg.	IEEE Photonics Journal	2021-22	1943-0655	IEEE Xplore: IEEE Photonics Journal	https://ieeexplore.ieee.org/document/9969988	SCIE
Synthesis of Concentric Circular Antenna Array Using Whale Optimization Algorithm	K Kundu	Electronics & Communication Engg.	IETE Journal of Research	2021-22	0974-780X	https://www.tandfonline.com/journals/tijr20	https://doi.org/10.1080/03772063.2022.2096703	SCIE
Low power chaotic oscillator employing CMOS	Manoj Joshi	Electronics & Communication Engg.	Integration	2021-22	0167-9260	https://www.science-direct.com/journal/integration	10.1016/j.vlsi.2022.02.011	SCIE
Design and comparative analysis of circuit theory model-based slot-loaded printed rectangular monopole antenna for UWB applications with notch band	Ashok Yadav	Electronics & Communication Engg.	International Journal of Communication Systems	2021-22	1099-1131	https://onlinelibrary.wiley.com/journal/10991131	https://doi.org/10.1002/dac.5390	SCIE
Trust-based energy-aware routing using GEOSR protocol for Ad-Hoc sensor networks	Rajeev Agrawal	Electronics & Communication Engg.	Wireless Networks	2021-22	1022-0038	Wireless Networks Home (springer.com)	https://doi.org/10.1007/s11276-022-02991-1	SCI
Optimized Resource Allocation for Fog Network using Neuro-fuzzy Offloading Approach	Rajeev Agrawal	Electronics & Communication Engg.	Arabian Journal for Science and Engineering	2021-22	2193-567X	Arabian Journal for Science and Engineering Home (springer.com)	https://doi.org/10.1007/s13369-022-06563-5	SCIE
Handling dynamic network behavior and unbalanced datasets for WSN anomaly detection	Rajeev Agrawal	Electronics & Communication Engg.	Journal of Ambient Intelligence and Humanized Computing	2021-22	1868-5137	Journal of Ambient Intelligence and Humanized Computing Home (springer.com)	https://doi.org/10.1007/s12652-021-03669-w	SCI
Probabilistic Optimized Kernel Naive Bayesian Cloud Resource Allocation System	Rajeev Agrawal	Electronics & Communication Engg.	Wireless Personal Communications	2021-22	0929-6212	Wireless Personal Communications Home (springer.com)	https://doi.org/10.1007/s11277-022-09493-5	SCI

Composite Channel Model for Wireless Propagation with Wide-Range Signal Variation Using Rayleigh Generalized Inverse Gaussian Distribution	Rajeev Agrawal	Electronics & Communication Engg.	Iranian Journal of Science and Technology - Transactions of Electrical Engineering	2021-22	2228-6179	Iranian Journal of Science and Technology, Transactions of Electrical Engineering Home (springer.com)	https://doi.org/10.1007/s40998-021-00466-1	SCI
Performance Analysis of Path Loss Models at 1.8 GHz in an Indoor/Outdoor Environment to Verify Network Capacity and Coverage	Satyendra Sharma, Brahmjit Singh	Electronics & Communication Engg.	Springer (WPC)	2021-22	1572834X, 09296212	https://www.springer.com/journal/11277	https://doi.org/10.1007/s11277-022-09883-9	SCI
Generic MGF-based tight approximation for the error rate analysis	S. Pratap Singh, Shekhar Singh, Amit Kumar, Ashish Pandey, Lakshmanan M, Noor Mohammed V, Sanjay Kumar	Electronics & Communication Engg.	International Journal of Communication Systems	2021-22	1099-1131	https://onlinelibrary.wiley.com/journal/10991131	https://doi.org/10.1002/dac.5127	SCI
A new high frequency MOS-C TOETQO employing DXCTA	Rubila Laishram, Manoj Joshi, Ashish Ranjan	Electronics & Communication Engg.	International Journal of Electronics Letters	2021-22	ISSN:2168-1724	https://www.tandfonline.com/journals/tell20	https://doi.org/10.1080/21681724.2021.2025435	SCI
Detection of Expanded Reformed Geographical Area in Bi-temporal Multispectral Satellite Images Using Machine Intelligence Neural Network	Mohan Singh, Kapil Dev Tyagi	Electronics & Communication Engg.	Journal of the Indian Society of Remote Sensing	2021-22	0974-3006	https://www.springer.com/journal/12524	https://link.springer.com/article/10.1007/s12524-021-01476-6	SCI
Swastika shaped slot embedded two port dual frequency band MIMO antenna for wireless applications	Ritika Anand, Dinesh Kumar Singh	Electronics & Communication Engg.	Analog Integrated Circuits and Signal Processing	2021-22	Electronic ISSN 1573-1979 Print ISSN 0925-1030	https://www.springer.com/journal/10470	https://link.springer.com/article/10.1007/s10470-021-01923-x#citeas	SCI
Delay-aware application offloading in fog e+H88+A88	Rajeev Agarwal	Electronics & Communication Engg.	Wireless Netw	2021-22	1572-8196	https://www.springer.com/journal/11276	https://link.springer.com/article/10.1007/s11276-021-02724-w	SCI
Adaptive bandwidth adjustment for resource constrained services in fog queueing system	Chauhan, N., Banka, H. & Agrawal, R	Electronics & Communication Engg.	Cluster Comput	2021-22	1386-7857	https://www.springer.com/journal/10586	https://doi.org/10.1007/s10586-021-03378-1	SCIE
A Comprehensive Overview on Modified Versions of Stockwell Transform For Power Quality Monitoring	Jay Singh	Electrical and Electronics Engineering	IEEE Access	2021-22	2169-3536	https://ieeaccess.ieee.org/	A Comprehensive Overview on Modified Versions of Stockwell Transform For Power Quality Monitoring IEEE Journals & Magazine IEEE Xplore	SCIE
Ensembling of Efficient Deep Convolutional Networks and Machine Learning Algorithms for Resource Effective Detection of Tuberculosis Using Thoracic (Chest) Radiography	Rajat Mehrotra	Electrical and Electronics Engineering	IEEE Access	2021-22	2169-3536	https://ieeaccess.ieee.org/	https://ieeexplore.ieee.org/document/9841572	SCIE
An Invasive Weed Optimization for Sensor Less Control of Grid Integrated Wind Driven Doubly Fed Induction Generator	Jay Singh	Electrical and Electronics Engineering	IEEE Access	2021-22		https://ieeaccess.ieee.org/	https://ieeexplore.ieee.org/document/9916246	SCIE

Ensemble Computational Intelligent for Insomnia Sleep Stage Detection via the Sleep ECG Signal	Rajat Mehrrotra	Electrical and Electronics Engineering	IEEE Access	2021-22	2169-3536	https://ieeaccess.ieee.org/	Ensemble Computational Intelligent for Insomnia Sleep Stage Detection via the Sleep ECG Signal IEEE Journals & Magazine IEEE Xplore	SCIE
Optimal Scheduling of Grid Connected Solar Photovoltaic and Battery Storage System Considering Degradation Cost of Battery	Nagendra Kumar	Electrical and Electronics Engineering	Iranian Journal of Science and Technology - Transactions of Electrical Engineering	2021-22	2364-1827	Iranian Journal of Science and Technology, Transactions of Electrical Engineering Home (springer.com)	https://doi.org/10.1007/s40998-022-00529-x	SCIE
Application of Fractional Order-PID Control Scheme in Automatic Generation Control of a Deregulated Power System in the Presence of SMES Unit	Nagendra Kumar	Electrical and Electronics Engineering	Mathematics	2021-22	2227-7390	Mathematics An Open Access Journal from MDPI	https://doi.org/10.3390/math10030521	SCIE
Diagnosis of hypercritical chronic pulmonary disorders using dense convolutional network through chest radiography	Rajat Mehrotra	Electrical and Electronics Engineering	Multimedia Tools & Applications	2021-22	1573-7721/1380-7501	https://www.springer.com/journal/11042	https://link.springer.com/article/10.1007/s11042-021-11748-5	SCIE
Implementation and Comparative Analysis of Time Equivalent Space Vector PWM Method for 3 Phase to 3 Phase Matrix Converter	Jay Singh	Electrical and Electronics Engineering	IETA, Journal of European des systems Automatis	2021-22	2116-7087	https://www.iieta.org/Journals/JESA	https://doi.org/10.18280/jesa.540411	SCIE
Effects of the dissimilarity of water depth on energy and exergy efficiencies and productivity of solar energy	Jay Singh	Electrical and Electronics Engineering	International Journal of Exergy	2021-22	1742-8297	International Journal of Exergy Home (inderscienceonline.com)	https://doi.org/10.1504/JEX.2022.124176	SCI
System Simplification Using Pole Spectrum Analysis (PSA) with the Advantage of Dominant Pole Retention	Jay Singh	Electrical and Electronics Engineering	Circuits, Systems, and Signal Processing, Springer	2021-22	0278-081X	Circuits, Systems, and Signal Processing Home (springer.com)	https://doi.org/10.1007/s00034-021-01792-9	SCI
Load Frequency Control for multiarea Power System Using Secondary Controllers	Nagendra Kumar	Electrical and Electronics Engineering	Walailak Journal of Science and Technology	2021-22	2228-835X	https://www.wjst.wu.ac.th/index.php/wjst/about	https://doi.org/10.48048/tis.2022.2044	Scopus
Novel Neural Network based Load Frequency Control Scheme: A case study of Restructured Power System	Nagendra Kumar	Electrical and Electronics Engineering	IEEE Access	2021-22	2169-3536	https://ieeaccess.ieee.org/	Novel Neural Network-Based Load Frequency Control Scheme: A Case Study of Restructured Power System IEEE Journals & Magazine IEEE Xplore	SCI
PSO-Based Evolutionary Approach to Optimize Head and Neck Biomedical Image to Detect Mesothelioma Cancer	Neha Tyagi	Information Technology	BioMed Research International	2021-22	2314-6141	https://www.hindawi.com/journals/bmri/	https://doi.org/10.1155/2022/3618197	SCOPUS
Artificial Intelligence-Based Data-Driven Strategy to Accelerate Research, Development, and Clinical Trials of COVID Vaccine	Vipluv Pathak	Information Technology	BioMed Research International	2021-22	2314-6141	https://www.hindawi.com/journals/bmri/	https://doi.org/10.1155/2022/7205241	SCOPUS
Identification and Classification of Prostate Cancer Identification and Classification Based on Improved Convolution Neural Network	Neha Tyagi	Information Technology	BioMed Research International	2021-22	2314-6141	https://www.hindawi.com/journals/bmri/	https://doi.org/10.1155/2022/9112587	SCOPUS

Review on Employee Retention Using Churn Model	Arjun Singh	Information Technology	Amity Journal of Computational Sciences (AJCS)	2021-22	ISSN: 2456-6616	https://www.amity.edu/ajcs/	https://amity.edu/UserFiles/aijem/167/Review%20on%20Employee%20Retention%20using%20Churn%20Model.pdf	Other
Analyzing Skin Disease Using XCNN (eXtended Convolutional Neural Network)	Dr. Ashish Tripathi	Information Technology	International Journal of Software Science and Computational Intelligence (IJSSCI), IGI Global	2021-22	1942-9045	International Journal of Software Science and Computational Intelligence (IJSSCI): 1942-9045, 1942-9037: Computer Science & IT Journals IGI Global (igi-global.com)	Analyzing Skin Disease Using XCNN (eXtended Convolutional Neural Network): Computer Science & IT Journal Article IGI Global (igi-global.com)	WOS (ESCI)
Hate and Aggression Detection in Social Media over Hindi English language	Dr. Ashish Tripathi	Information Technology	International Journal of Software Science and Computational Intelligence (IJSSCI), IGI Global	2021-22	1942-9045	International Journal of Software Science and Computational Intelligence (IJSSCI) IGI Global (igi-global.com)	https://doi.org/10.4018/IJSSCI.300357	WOS (ESCI)
A wider impedance bandwidth dual filter symmetrical mimo antenna for high-speed wideband wireless applications	P.C. Vashist	Information Technology	Symmetry(MDPI)	2021-22	2073-8994	Symmetry An Open Access Journal from MDPI	https://doi.org/10.3390/sym14010029	SCIE
Dynamic knowledge-based recommendation system for E-commerce using deep neural network	Mahesh Kumar Singh	Information Technology	Mathematics in Engineering, Science and Aerospace (MESA).	2021-22	ISSN: 2041-3165	Journal MESA (nonlinearstudies.com)	Dynamic knowledge-based recommendation system for E-commerce using deep neural network Journal MESA (nonlinearstudies.com)	Scopus
Exploring consumers' motives for electric vehicle adoption: bridging the attitude behavior gap	Vikas Tripathi	Master of Business Administration	Benchmarking	2021-22	14635771	Benchmarking: An International Journal Emerald Insight	https://doi.org/10.1108/BJJ-10-2021-0618	ESCI/Scopus
Implication of Goods and services Tax (GsT) Implementation in India on Foreign Trade	S Nagar	Master of Business Administration	Finance: Theory and Practice	2021-22	2587-7089	Finance: Theory and Practice (fa.ru)	https://doi.org/10.26794/2587-5671-2022-26-3-241-251	ESCI/Scopus
Does green self-identity influence the revisit intention of dissatisfied customers in green restaurants?	Vikas Tripathi	Master of Business Administration	Management of Environmental Quality: An International Journal	2021-22	1477-7835	Management of Environmental Quality Emerald Insight	https://doi.org/10.1108/MEQ-03-2022-0076	ESCI/Scopus
Do Goods and Services Tax Influence the Economic Development? An Empirical Analysis for India	Shweta Nagar	Master of Business Administration	Vision-The Journal of Business Perspective	2021-22	9722629	Vision: Sage Journals (sagepub.com)	https://doi.org/10.1177/09722629221117196	ESCI/Scopus
A STUDY ON INVESTOR'S PERCEPTION TOWARDS MUTUAL FUNDS IN INDIA	Dr. Reena Singh	Master of Business Administration	Journal of Pharmaceutical Negative Results	2021-22	0976-9234	Journal of Pharmaceutical Negative Results (pnrijournal.com)	https://doi.org/10.47750/pnr.2022.13.S08.193	SCOPUS
Study of Energy-Efficient Optimization Techniques for High-Level Homogeneous Resource Management	Raju Kumar	Master of Computer Application	Wireless Communications and Mobile Computing	2021-22	15308669	https://www.hindawi.com/journals/wcmc/	https://doi.org/10.1155/2022/1953510	ESCI/Scopus
Web Page Ranking using Web Mining Techniques: A comprehensive survey	Prem Sagar Sharma, Divakar Yadav, RN Thakur	Master of Computer Application	Mobile Information Systems	2021-22	1875-905X (Online)	https://www.hindawi.com/journals/misy/about/	https://doi.org/10.1155/2022/7519573	SCIE
Implementation of Whale Optimization for Budding Healthiness of Fishes with Preprocessing Approach	Sandeep Srivastava	Master of Computer Application	Journal of Healthcare Engineering	2021-22	2040-2295	https://www.hindawi.com/journals/ihe/	https://doi.org/10.1155/2022/2345600	Scopus

An Artificial Intelligence Based Predictive Approach for Smart Waste Management	Sandeep Srivastava	Master of Computer Application	International Journal of Wireless Personal Communications	2021-22	1572-834X	https://www.springer.com/journal/11277	https://link.springer.com/article/10.1007/s11277-021-08803-7	Science Citation Index Expanded
Modelling Techniques to Improve the Quality of Food Using Artificial Intelligence	Sandeep Srivastava	Master of Computer Application	Journal of Food Quality	2021-22	1745-4557	https://www.hindawi.com/journals/ifu/	https://doi.org/10.1155/2021/2140010	Science Citation Index Expanded
A comparatively numerical investigation on heat transfer behavior of different materials used for internal combustion engines	Ambuj Saxena	Mechanical Engineering	International Journal of Engine Research	2021-22	14680874	International Journal of Engine Research: Sage Journals (sagepub.com)	https://doi.org/10.1177/14680874221112722	SCI
Application of proposed hybrid active genetic algorithm for optimization of traveling salesman problem	Kushal Pal	Mechanical Engineering	Soft Computing	2021-22	14327643	Soft Computing Home (springer.com)	https://doi.org/10.1007/s00500-022-07581-z	SCIE
Challenges and future opportunities of nanoparticle applications to various biofuel generation processes-a review	Abhishek Sharma	Mechanical Engineering	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering	2021-22	2041-3009	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering: Sage Journals (sagepub.com)	https://doi.org/10.1177/14544089221145485	SCI
Development and performance evaluation of solar heating system for biogas production process	Vinod Kumar Yadav	Mechanical Engineering	Case Studies in Thermal Engineering	2021-22	2214-157X	Case Studies in Thermal Engineering Journal ScienceDirect.com by Elsevier	https://doi.org/10.1016/j.csite.2022.102438	SCIE
Development of Aluminum-Based Composite Material by using Bagasse Ash and Eggshell as Reinforcement Along with Nano-CuO Particles	Shashi Prakash Dwivedi	Mechanical Engineering	Journal of The Institution of Engineers (India): Series D	2021-22	22502122	Journal of The Institution of Engineers (India): Series D Home (springer.com)	https://doi.org/10.1007/s40033-022-00417-y	SCOPUS
Effect of aluminium oxide nano additives with Sal biodiesel blend as a potential alternative fuel for existing DI diesel engine	Abhishek Sharma	Mechanical Engineering	Energy and Environment	2021-22	2048-4070	Energy & Environment: Sage Journals (sagepub.com)	https://doi.org/10.1177/0958305X221133257	SCI
Effect of process parameters on surface roughness, dimensional accuracy and flatness of VeroBlue RGD840 rigid opaque materials	Nagendra Maurya.	Mechanical Engineering	International Journal of Materials Research	2021-22	2195-8556	International Journal of Materials Research (degruyter.com)	https://doi.org/10.1515/ijmr-2020-8059	SCIE
Effect of Ranque-Hilsch Vortex Tube Cooling to Enhance the Surface-Topography and Tool-Wear in Sustainable Turning of Al-5.6Zn-2.5Mg-1.6Cu-0.23Cr-T6 Aerospace Alloy	Shashi Prakash Dwivedi	Mechanical Engineering	Materials	2021-22	1996-1944	Materials An Open Access Journal from MDPI	https://doi.org/10.3390/ma15165681	SCIE
Effective Evaluation of Elastic Properties of a Graphene and Ceramics Reinforced Epoxy Composite under a Thermal Environment Using the Impact Hammer Vibration Technique	A.K Srivastava	Mechanical Engineering	Coatings	2021-22	2079-6412	Coatings An Open Access Journal from MDPI	https://doi.org/10.3390/coatings12091325	SCIE
Enhancement of combustion characteristics of waste cooking oil biodiesel using TiO2 nanofluid blends through RSM	Abhishek Sharma	Mechanical Engineering	Fuel	2021-22	0016-2361	Fuel Journal ScienceDirect.com by Elsevier	https://doi.org/10.1016/j.fuel.2022.125681	SCIE
Fluid flow and heat transfer evaluation and optimisation of solar-assisted air-heater having multi-arcs with gaps used as roughness elements	Abhishek Sharma	Mechanical Engineering	International Journal of Ambient Energy	2021-22	2162-8246	https://www.tandfonline.com/toc/taen20/current	https://doi.org/10.1080/01430750.2022.2128412	SCI

Friction and wear characteristics of chemically modified mahua (madhuca indica) oil based lubricant with SiO ₂ nanoparticles as additives	Abhishek Sharma	Mechanical Engineering	Wear	2021-22	0043-1648	https://www.sciencedirect.com/journal/wear	https://doi.org/10.1016/j.wear.2022.204463	SCI
Micro-Mechanical Finite Element Analysis on Mechanical Behavior of EN31 Steel-Based Metal Matrix Composite	Ambuj Saxena	Mechanical Engineering	Transactions of the Indian Institute of Metals	2021-22	0975-1645	https://www.springer.com/journal/12666	https://link.springer.com/content/pdf/10.1007/s12666-022-02691-6.pdf	SCIE
Microwave-Assisted Synthesis, Characterization and Tribological Properties of a g-C ₃ N ₄ /MoS ₂ Nanocomposite for Low Friction Coatings	A.K. Srivastava	Mechanical Engineering	Coatings	2021-22	2079-6412	https://www.mdpi.com/journal/coatings	https://doi.org/10.3390/coatings12121840	SCIE
Optimisation of FSP process parameters of surface composites using GRA and Taguchi approach	Shashi Prakash Dwivedi	Mechanical Engineering	Journal of Engineering Research (Kuwait)	2021-22	2307-1885	https://kuwaitjournals.org/jer/index.php/JER/home	https://kuwaitjournals.org/jer/index.php/JER/article/view/15689	SCIE
Performance of latent heat storage (LHS) systems using pure paraffin wax as working substance	Vinod Kumar Yadav	Mechanical Engineering	Case Studies in Thermal Engineering	2021-22	2214-157X	Case Studies in Thermal Engineering Journal ScienceDirect.com by Elsevier	https://doi.org/10.1016/j.csite.2022.102399	SCIE
Surface Modification and Parametric Optimization of Tensile Strength of Al ₆ O ₈ Si ₂ /Waste Material Surface Composite Produced by Friction Stir Processing	A.K. Srivastava	Mechanical Engineering	Coatings	2021-22	2079-6412	https://www.mdpi.com/journal/coatings	https://doi.org/10.3390/coatings12121909	SCIE
Sustainability of chemically modified Simarouba glauca for tribological applications and chemical structure analysis at different loads	Abhishek Sharma	Mechanical Engineering	Biomass Conversion and Biorefinery	2021-22	2190-6823	https://www.springer.com/journal/13399	https://link.springer.com/article/10.1007/s13399-022-03682-9	SCI
Sustainability of corn based-biomass for production of bio-oil and their characterization through solar thermal energy approach	Abhishek Sharma	Mechanical Engineering	Biomass Conversion and Biorefinery	2021-22	2190-6823	https://www.springer.com/journal/13399	https://link.springer.com/article/10.1007/s13399-022-03657-w	SCI
Synthesis, Physical and Mechanical Behavior of Agro-Waste RHA and Eggshell-Reinforced Composite Material	Shashi Prakash Dwivedi	Mechanical Engineering	Journal of The Institution of Engineers (India): Series C	2021-22	2250-0553	https://www.springer.com/journal/40032	https://ui.adsabs.harvard.edu/link_gateway/2022JIEIC.103.1455D/doi:10.1007/s40032-022-00879-9	SCOPUS
Tribological Characteristics of Al ₃ Si ₃ N ₄ /Eggshell Surface Composite Produced by Friction Stir Processing	A.K. Srivastava	Mechanical Engineering	Coatings	2021-22	2079-6412	https://www.mdpi.com/journal/coatings	https://doi.org/10.3390/coatings12091362	SCIE
A machine learning application for raising WASH awareness in the times of COVID-19 pandemic	Chirag Jain, Kanav Bhagat, Arushi, Lajjaben Patel, Mudit Agarwal, Samprati Agrawal, Rishabh Jalan	Mechanical Engineering	Scientific Reports	2021-22	2045-2322	https://www.nature.com/srep/	https://www.nature.com/articles/s41598-021-03869-6	SCIE

Alumina catalyst waste utilization for aluminum-based composites using the friction stir process	Shashi Prakash Dwivedi, Praveen Pachauri, Manish Maurya, Ambuj Saxena, Ravi Butola, Rohit Sahu and Shubham Sharma	Mechanical Engineering	Materials Testing	2021-22	2195-8572	https://www.degruyter.com/journal/key/mt/html	https://doi.org/10.1515/mt-2021-2074	SCI
Impact of post-heat-treatment on the surface-roughness, residual stresses, and micromorphology characteristics of plasma-sprayed pure hydroxyapatite and 7%-Aloxite reinforced hydroxyapatite coatings deposited on titanium alloy-based biomedical implants	Gursharan Singha, ShubhamSharmab, Manoj Mittal, GurminderSingh, JujharSingh, Li Changhee, Aqib Mashood Khan, Shashi Prakash Dwivedi, RayTahir Mushtaqh, Sunpreet Singh	Mechanical Engineering	Journal of Materials Research and Technology	2021-22	2238-7854	https://www.sciencedirect.com/journal/journal-of-materials-research-and-technology	https://doi.org/10.1016/j.imrt.2022.03.065	SCIE
Optimization of FDM Printing Process Parameters on Surface Finish, Thickness, and Outer Dimension with ABS Polymer Specimens Using Taguchi Orthogonal Array and Genetic Algorithms	Shashi Prakash Dwivedi	Mechanical Engineering	Mathematical Problems in Engineering	2021-22	1563-5147	https://www.hindawi.com/journals/mpe/	https://doi.org/10.1155/2022/2698845	SCIE
In Situ Micro-Observation of Surface Roughness and Fracture Mechanism in Metal Microforming of Thin Copper Sheets with Newly Developed Compact Testing Apparatus	Mandeep Singh,Shubham Sharma ,Appusamy Muniappan ,Danil Yurievich Pimenov,Szymon Wojciechowski,Kanishka Jha,Shashi Prakash Dwivedi,Changhe Li, Jolanta B. Królczyk, Dominik Walczak, Tien V. T. Nguyen	Mechanical Engineering	MATERIALS	2021-22	1996-1944	https://www.mdpi.com/journal/materials	https://doi.org/10.3390/ma15041368	SCIE
Productivity Enhancement by Prediction of Liquid Steel Breakout during Continuous Casting Process in Manufacturing of Steel Slabs in Steel Plant Using Artificial Neural Network with Backpropagation Algorithms	Shashi Prakash Dwivedi	Mechanical Engineering	MATERIALS	2021-22	1996-1944	https://www.mdpi.com/journal/materials	https://doi.org/10.3390/ma15020670	SCIE
Synthesis and characterisation of chromium, eggshell and grinding sludge-reinforced aluminium metal matrix composite: an experimental approach	Shashi Prakash Dwivedi, Manish Maurya, Shubham Sharma	Mechanical Engineering	Green Materials	2021-22	2049-1220	https://www.icevirtuallibrary.com/toc/igrma/current	https://doi.org/10.1680/jgrma.21.00035	SCIE

Performance Analysis of Latent Heat Storage Systems using CuO Nanoparticles	Dawit Gudeta Gunjo, Vinod Kumar Yadav, Devendra Kumar Sinha	Mechanical Engineering	Evergreen - Joint Journal of Novel Carbon Resource Sciences & Green Asia Strategy	2021-22	2432-5953	https://www.ti.kyushu-u.ac.jp/evergreen/index.php	https://doi.org/10.5109/4793667	SCOPUS
Wire Arc Additive Manufacturing – A revolutionary method in additive manufacturing	Nilesh Kumar, Het Bhavsar, P.V.S. Mahesh, Ashish KumarSrivastava, Bhaskor J.Bora, Ambuj Saxena, Amit Rai Dixit	Mechanical Engineering	Materials Chemistry and Physics	2021-22	0254-0584	https://www.sciencedirect.com/journal/materials-chemistry-and-physics	https://doi.org/10.1016/j.matchemphys.2022.126144	SCI
Investigation of geo-mining green roof seismic energy balancing with resin bolting by Universal Drilling Machine: a novel energy-absorbing-based support system	Mohd Ahtesham Hussain Siddiqui, Shahzad Akhtar, Somnath Chattopadhyaya, Shubham Sharma, Mamdouh El Haj Assad, Jujhar Singh, Vivek Aggarwal, Shashi Prakash Dwivedi & Ambuj Saxena	Mechanical Engineering	Arabian Journal of Geosciences	2021-22	1866-7538	https://www.springer.com/journal/12517/	https://doi.org/10.1007/s12517-022-09594-2	SCIE
Corrosion Zones of Rebar in High-Volume Fly-Ash Concrete through Potentiodynamic Study in Concrete Powder Solution Extracts: A Sustainable Construction Approach	Manish Kumar, Jitu Kujur, Rajeshwari Chatterjee, Somnath Chattopadhyaya, Shubham Sharma, Shashi Prakash Dwivedi, Ambuj Saxena, S Rajkumar, Ashutosh Anand	Mechanical Engineering	Advances in Civil Engineering	2021-22	1687-8094	https://www.hindawi.com/journals/ace/	https://doi.org/10.1155/2022/5927819	SCI
Improvement of Thermal Storage Effectiveness with Addition of Aluminum Oxide Nanoparticles	Dawit G G Vinod Kumar Yadav*, Devendra Kumar Sinha, Mohamed Abdelghany Elkotb, Gulam Mohammed Sayeed Ahmed, Nazia Hossain, Mostafa A. H. Abdelmohimen	Mechanical Engineering	Materials	2021-22	1996-1944	https://www.mdpi.com/journal/materials	https://doi.org/10.3390/ma15134427	SCI

Combined Effect of Phosphonium Ionic Liquid and Copper Oxide Nanopowder as Additives to the Bio-based Lubricant During Tribological Analysis	Abhishek Sharma	Mechanical Engineering	Waste and Biomass Valorization	2021-22	1877-265X	https://www.springer.com/journal/12649	https://doi.org/10.1007/s12649-022-01842-6	SCI
Optimization of long-term storage stability of Kusum biodiesel using herbal anti-oxidant	Harveer Singh Pali, Abhishek Sharma, Naveen Kumar, Yashvir Singh	Mechanical Engineering	Biomass Conversion and Biorefinery	2021-22	2190-6823	https://www.springer.com/journal/13399	https://doi.org/10.1007/s13399-022-02444-x	SCIE
Diesel engine performance and emission analysis running on jojoba biodiesel using intelligent hybrid prediction techniques	Abhishek Sharma	Mechanical Engineering	Fuel	2021-22	0016-2361	https://www.sciencedirect.com/journal/fuel	https://doi.org/10.1016/j.fuel.2020.118571	Scopus
Effect of alumina oxide nano-powder on the wear behaviour of CrN coating against cylinder liner using response surface methodology: processing and characterizations	Shashi Prakash Dwivedi	Mechanical Engineering	Journal of Materials Research and Technology	2021-22	2238-7854	https://www.sciencedirect.com/journal/journal-of-materials-research-and-technology	https://doi.org/10.1016/j.jmrt.2021.12.062	Scopus
Grain size, coefficient of thermal expansion and corrosion behavior of eggshell and rice husk ash reinforced composite material	Shashi Prakash Dwivedi	Mechanical Engineering	World Journal of Engineering	2021-22	1708-5284	https://www.emerald.com/insight/publication/issn/1708-5284	https://doi.org/10.1108/WJE-02-2022-0087	Scopus
Multi-scale dynamic analysis of metal matrix composite shafts through morphological evaluations	Ashish Gupta	Mechanical Engineering	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering	2021-22	2041-3009	https://journals.sagepub.com/home/pie	https://doi.org/10.1177/09544089211042114	Scopus
Study and evaluation of the mechanical properties on sawdust reinforced epoxy composite	SS Chauhan	Mechanical Engineering	World Journal of Engineering	2021-22	1708-5284	https://www.emerald.com/insight/publication/issn/1708-5284	https://www.emerald.com/insight/content/doi/10.1108/WJE-04-2021-0211/full/html	Scopus
Risk estimation of gestational diabetes and diabetes mellitus of type -2 because of PCOD through Mathematical and Artificial Intelligence models	Vijay Kumar Yadav	Mechanical Engineering	Journal of Engineering Research (Kuwait)	2021-22	2307-1877	https://kuwaitjournals.org/jer/index.php/JER/home	https://kuwaitjournals.org/jer/index.php/JER/article/view/15745	Scopus
Recovery of Cr from chrome-containing leather wastes to develop aluminum-based composite material along with Al ₂ O ₃ ceramic particles: An ingenious approach	Shashi Prakash Dwivedi	Mechanical Engineering	Nanotechnology Reviews	2021-22	2191-9097	https://www.degruyter.com/journal/key/ntrv/html?lang=en	https://doi.org/10.1515/ntrv-2022-0406	Scopus
Synthesis and characterization of spent alumina catalyst and grinding sludge reinforced aluminium-based composite material	Shashi Prakash Dwivedi	Mechanical Engineering	Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science	2021-22	2041-2983	https://journals.sagepub.com/home/pic	https://doi.org/10.1177/09544062211061451	Scopus
Effect of asymmetries of stiffness and mass on parametric instabilities of hollow rotor system	Sandeep Chauhan	Mechanical Engineering	Journal of Engineering Research (Kuwait)	2021-22	2307-1877	https://kuwaitjournals.org/jer/index.php/JER/home	https://kuwaitjournals.org/jer/index.php/JER/article/view/15745	Scopus

Experimental investigation on the effect of laser powder bed fusion process variables on dimensional accuracy, surface roughness and cylindricity of the AISi10Mg alloy component	Nagendra Maurya	Mechanical Engineering	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering	2021-22	2041-3009	https://journals.sagepub.com/home/pie	https://doi.org/10.1177/09544089211039046	Scopus
Study the effect of optimized input parameters on a CRDI diesel engine running with waste frying oil methyl ester-Diesel blend fuel with ZnO nanoparticles - A Response surface methodology approach	Abhishek Sharma	Mechanical Engineering	Biomass Conversion and Biorefinery	2021-22	2190-6823	https://www.springer.com/journal/13399	https://link.springer.com/article/10.1007/s13399-021-02158-6	SCI
Optimization of biodiesel synthesis from Jojoba oil via supercritical methanol: A response surface methodology approach coupled with genetic algorithm	Abhishek Sharma	Mechanical Engineering	Biomass and Bioenergy	2021-22	0961-9534	https://www.science-direct.com/journal/biomass-and-bioenergy	https://doi.org/10.1016/j.biombioe.2021.106332	SCI
Production and feasibility characterization of bio-oil from jojoba seed-based biomass through Solar thermal energy pyrolysis process	Abhishek Sharma	Mechanical Engineering	Biomass Conversion and Biorefinery	2021-22	2190-6823	https://www.springer.com/journal/13399	https://doi.org/10.1007/s13399-022-02686-9	SCI
Effect of nanoparticles as additives to the biofuels and their feasibility assessment on the engine performance and emission analysis-A review	Abhishek Sharma	Mechanical Engineering	<i>Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering</i>	2021-22	0954-4089	https://journals.sagepub.com/home/PIE	https://doi.org/10.1177/0954408921109723	SCI
Investigation on mechanical properties of ZTA+ Cr 3 C 2 + Ni reinforced EN31 steel-based composite material: Micromechanical finite-element analysis	Ambuj Saxena, Shashi Prakash Dwivedi, Abhishek Kaushik, Shubham Sharma	Mechanical Engineering	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering	2021-22	0954-4089	https://journals.sagepub.com/home/pie	https://doi.org/10.1177/0954408921113141	SCI
Recovery of Cr from CCLW and Its Utilization as Reinforcement along with Waste SAC and Grinding Sludge in the AA 5052 based Metal Matrix Composites	Shashi P Dwivedi , Rohit Sahu , Ambuj Saxena	Mechanical Engineering	Sage Part E Journal of Process in Mechanical Engineering	2021-22	0954-4089, (Online ISSN: 2041-3009)	https://journals.sagepub.com/home/pie	https://doi.org/10.1177/09544089211038385	SCI
Investigation on the thermal behaviour of AZ31B/waste eggshell surface composites produced by friction stir processing	Ashish Kumar Srivastava	Mechanical Engineering	Composites Communications	2021-22	2452-2139	https://www.journals.elsevier.com/composites-communications	https://doi.org/10.1016/j.coco.2021.100912	SCI
Experimental analysis of mechanical behaviour and residual stresses of EN-36C alloy steel with and without tempering	Rajesh K Maurya, Mahendra S Niranjana	Mechanical Engineering	J Process Mechanical Engineering	2021-22	2041-3009	https://journals.sagepub.com/doi/10.1177/09544089211038447	https://doi.org/10.1177/09544089211038447	SCI
Numerical Investigation of Penetration Characteristics of Preformed Spherical Fragments at Hyper Velocity	Pradeep Mulabagal, Adepu Kumaraswamy, Ambuj Saxena	Mechanical Engineering	Journal of Engineering Research (JER)	2021-22	2307-1885	https://kuwaitjournal.org/jer/index.php/JER/home	https://kuwaitjournal.org/jer/index.php/JER/article/view/15745	SCIE

An investigation on thermal and chemical behavior of jute/hemp/flax fiber reinforced woven composites and its hybrids	Vijay Chaudhary, Partha Pratim Das, Rohit Sahu, Krovvidi Srinivas and Vijay Kumar Dwivedi	Mechanical Engineering	Journal of Engineering Research	2021-22	2307-1885	https://kuwaitjournal.org/jer/index.php/JER/home	https://kuwaitjournals.org/jer/index.php/JER/article/view/15745	SCIE
Microstructural evolution and mechanical properties of LM6 Al alloy	Shashee Kant Soni, S. K. Rajput, Prabhat Kumar Yadav and Rohit Sahu	Mechanical Engineering	Journal of Engineering Research	2021-22	2307-1885	https://kuwaitjournal.org/jer/index.php/JER/home	https://kuwaitjournals.org/jer/index.php/JER/article/view/15745	SCIE
Physico-mechanical and morphological studies of jute/glass reinforced epoxy composites and its hybrids	Partha Pratim Das, Rohit Sahu, Vijay Chaudhary, Krovvidi Srinivas and Shashi Prakash Dwivedi	Mechanical Engineering	Journal of Engineering Research	2021-22	2307-1885	https://kuwaitjournal.org/jer/index.php/JER/home	https://kuwaitjournals.org/jer/index.php/JER/article/view/15745	SCIE
Exhaust Gas Recirculation Effect on the Performance of a CRDI Diesel Engine fuelled with Linseed Biodiesel/Diesel blend with the Response surface methodology	Abhishek Sharma	Mechanical Engineering	Proc IMechE, Part C: Journal of Mechanical Engineering Science	2021-22	2058-3389	https://journals.sagepub.com/home/pic	https://doi.org/10.1177/20583389211026348	SCIE
Effect of friction stir processing on microstructural and mechanical properties of lightweight composites and cast metal alloys – A review	Ashish Kumar Srivastava, Nilesh Kumar, Ambuj Saxena, Sandeep Tiwari	Mechanical Engineering	International Journal of Cast Metals Research	2021-22	1743-1336	https://www.tandfonline.com/journals/ycmr20	https://doi.org/10.1080/13640461.2021.2014667	SCI
Tribo mechanism analysis of epoxidized Putranjiva oil (Putranjiva Roxburghii) and understanding lubricity with SiO2 nanoparticles addition	Abhishek Sharma	Mechanical Engineering	Proc IMechE, Part J: Journal of Engineering Tribology,	2021-22	1350-6501	https://journals.sagepub.com/home/pj	https://journals.sagepub.com/doi/abs/10.1177/13506501211029449	SCIE
Performance of CuO nanoparticles as an additive to the chemically modified Nicotiana Tabacum as a sustainable coolant-lubricant during turning EN19 steel	Abhishek Sharma	Mechanical Engineering	WEAR	2021-22	0043-1648	https://www.journals.elsevier.com/wear	https://doi.org/10.1016/j.wear.2021.204057	SCI
Effect of Process Parameters on the Diesel Engine Performance Fuelled With Prosopis Juliflora Biodiesel-RSM Approach	Abhishek Sharma, Avdresh Tyagi	Mechanical Engineering	Proc IMechE, Part E: Journal of Process Mechanical Engineering	2021-22	0954-4089	https://journals.sagepub.com/home/pie	https://journals.sagepub.com/eprint/9FKES2GHXUWDR3RTKKHE/full	SCIE
Development of epoxidized Moringa Oleifera nano lubricant with CeO2 nanoparticles as an additive for improving the lubrication characteristics	Abhishek Sharma	Mechanical Engineering	, Biomass Conversion and Biorefinery	2021-22	2190-6823	https://www.springer.com/journal/13399	https://doi.org/10.1007/s13399-021-01911-1	SCIE
Assessing the Applicability of Photocatalytic-Concrete Blocks in Reducing the Concentration of Ambient NO2 of Chandigarh, India, Using Box-Behnken Response Surface Design Technique: A Holistic Sustainable Development Approach	Shashi Prakash Dwivedi, Ambuj Saxena	Mechanical Engineering	Journal of Chemistry	2021-22	2090-9071	https://www.springer.com/journal/13399	https://doi.org/10.1155/2021/6468749	SCIE

A computational investigation on the influence of the l/d ratio and strain rate on the deformation behavior of rolled and homogeneous armor steel in the split Hopkinson pressure bar test process	Ambuj Saxena, Shashi Prakash Dwivedi, Ashish K Srivastava, Shubham Sharma, Nitin Kotkunde	Mechanical Engineering	Proc IMechE Part E: J Process Mechanical Engineering	2021-22	2041-3009	https://journals.sagepub.com/home/pie	https://doi.org/10.1177/09544089211036531	SCIE
Recovery of Cr from chrome-containing leather waste and its utilization as reinforcement along with waste spent alumina catalyst and grinding sludge in AA 5052-based metal matrix composites	Shashi P Dwivedi, Rohit Sahu, Ambuj Saxena, Vijay K Dwivedi, Krovvidi Srinivas, Shubham Sharma	Mechanical Engineering	Proc IMechE Part E: J Process Mechanical Engineering	2021-22	2041-3009	https://journals.sagepub.com/home/pie	https://doi.org/10.1177/09544089211038385	SCIE
Assessment of Dimensional Stability, Biodegradability, and Fracture Energy of Bio-Composites Reinforced with Novel Pine Cone.	Jha, K.; Tyagi, Y.K.; Kumar, R.; Sharma, S.; Huzaiifah, M.R.M.; Li, C.; Ilyas, R.A.; Dwivedi, S.P.; Saxena, A.; Pramanik, A	Mechanical Engineering	Polymers	2021-22	ISSN 2073-4360	https://www.mdpi.com/journal/polymers	https://doi.org/10.3390/polym13193260	SCIE
Effect of Ball-Milling Process Parameters on Mechanical Properties of Al/Al ₂ O ₃ /Collagen Powder Composite using Statistical Approach	Shashi Prakash Dwivedi, Ambuj Saxena	Mechanical Engineering	Journal of Materials Research and Technology	2021-22	2238-7854	https://www.journals.elsevier.com/journal-of-materials-research-and-technology	https://doi.org/10.1016/j.jmrt.2021.09.082	SCIE
Comparative Analysis of Erosive Wear Behaviour of Epoxy, Polyester and Vinyl Esters Based Thermosetting Polymer Composites for Human Prosthetic Applications Using Taguchi Design	Khare, J.M.; Dahiya, S.; Gangil, B.; Ranakoti, L.; Sharma, S.; Huzaiifah, M.R.M.; Ilyas, R.A.; Dwivedi, S.P.; Chattopadhyaya, S.; Kilinc, H.C	Mechanical Engineering	Polymers	2021-22	2073-4360	https://www.mdpi.com/journal/polymers	https://doi.org/10.3390/polym13203607	SCI
Management of Cattle Dung and Novel Bioelectricity Generation Using Microbial Fuel Cells: An Ingenious Experimental Approach	Shashi Prakash Dwivedi	Mechanical Engineering	International Journal of Chemical Engineering	2021-22	1687-8078	https://www.hindawi.com/journals/iice/	https://doi.org/10.1155/2021/5536221	SCI
Synthesis and Characterization of Cr, Eggshell and Grinding Sludge Reinforced Aluminum Based Metal Matrix Composites: An Ingenious Experimental Approach	Shashi Prakash Dwivedi, Manish Maurya, Shubham Sharma	Mechanical Engineering	Green materials	2021-22	2049-1239	https://www.icevirtuallibrary.com/toc/jgrma/current	https://doi.org/10.1680/jgrma.21.00035	SCI
Optimization of casting parameters for improved mechanical properties of eggshell reinforced composites	Dwivedi, Shashi Prakash, Maurya, Nagendra Kumar, Maurya, Manish, Saxena, Ambuj and Srivastava, Ashish Kumar	Mechanical Engineering	Materials Testing	2021-22	2195-8572	https://www.degruyter.com/journal/key/mt/html?lang=en	https://doi.org/10.1515/mt-2021-0044	SCIE

Biodiesel yield enhancement through optimizing process parameters with assistance of Solar Energy - Taguchi and Response Surface Methodology Application	Abhishek Sharma	Mechanical Engineering	Proc IMechE, Part C: Journal of Mechanical Engineering Science	2021-22	0022-2542	https://journals.sagepub.com/home/pic	https://journals.sagepub.com/doi/abs/10.1177/09544062211054980?journalCode=picb	SCIE
Experimental Investigation and Statistical Analysis of Low Frequency RFID System	Shilpa Chaudhary, Abhishek Sharma	Mechanical Engineering	Journal of Engineering Research	2021-22	2307-1877	https://kuwaitjournal.s.org/jer/index.php/JER/article/view/15555	https://doi.org/10.36909/jer.ICCEMME.15555	SCIE
Rheological characteristics and tribological performance of Neem biodiesel based nano oil added with MWCNT	Abhishek Sharma	Mechanical Engineering	Biomass Conversion and Biorefinery	2021-22	2190-6823	https://www.springer.com/journal/13399	https://doi.org/10.1007/s13399-021-01919-7	SCI
Extraction of Cr from CCLW and its utilization in the development of composite by friction stir process	Shashi Prakash Dwivedi	Mechanical Engineering	Australian Journal of Mechanical Engineering	2021-22	2204-2253	https://www.tandfonline.com/toc/tmec20/current	https://doi.org/10.1080/14484846.2021.1953265	SCOPUS
Extraction of Cr from chrome containing leather waste to develop composite at optimum casting parameters using response surface methodology	Islam, A., Dwivedi, S.P. and Dwivedi, V.K.	Mechanical Engineering	World Journal of Engineering	2021-22	1708-5284	World Journal of Engineering Emerald Insight	https://doi.org/10.1080/WJE-10-2020-0517	SCOPUS
Analysis of mechanical properties of Al-based metal matrix composite reinforced with ES and RHA	Yadav, R., Dwivedi, V.K., Islam, A. and Dwivedi, S.P.	Mechanical Engineering	World Journal of Engineering	2021-22	1708-5284	https://www.emeraldinsight.com/insight/publication/issn/1708-5284	https://doi.org/10.1080/WJE-02-2021-0079	SCOPUS
Microstructure and mechanical testing of Al/graphite/Fly-ash metal matrix composite material	Yadav, R., Dwivedi, S.P., Dwivedi, V.K. and Islam, A.	Mechanical Engineering	World Journal of Engineering	2021-22	1708-5284	https://www.emeraldinsight.com/insight/publication/issn/1708-5284	https://doi.org/10.1080/WJE-07-2021-0408	SCOPUS
Development of Aluminium Based Composite by Utilizing Industrial Waste and Agro-Waste Material as Reinforcement Particles	Islam, A., Dwivedi, S.P., Yadav, R.	Mechanical Engineering	J. Inst. Eng. India Ser. D	2021-22	2250-2130	https://link.springer.com/journal/40033/volumes-and-issues	https://doi.org/10.1007/s40033-021-00292-z	SCOPUS
Study of CCLW, Alumina and the Mixture of Alumina and CCLW-Reinforced Aluminum-Based Composite Material with and Without Mechanical Alloying	Dwivedi, S.P., Maurya, M. & Sharma, S	Mechanical Engineering	J. Inst. Eng. India Ser. D	2021-22	2250-2130	https://link.springer.com/journal/40033/volumes-and-issues	https://doi.org/10.1007/s40033-021-00312-y	SCOPUS
Determination of Warm Deep Drawing Behavior of DP590 Steel Using Numerical Modeling and Experimental Process Window	Ambuj Saxena	Mechanical Engineering	Arabian Journal for Science and Engineering	2020-21	2191-4281	https://www.springer.com/journal/13369	https://www.springerprofessional.de/en/determination-of-warm-deep-drawing-behavior-of-dp590-steel-using/19539860	SCIE
Electrostatic Deposition and Functionalization of CVD Grown Multiwalled Carbon Nanotubes for Sensitive & Selective Detection of CO and NOx at Room Temperature,	Pooja Saxena	Applied Science and Humanities	Analytica Chimica Acta	2020-21	0003-2670	Analytica Chimica Acta ScienceDirect.com by Elsevier	https://doi.org/10.1016/j.aca.2021.338766	SCI
Battery-operated resistive sensor based on electrochemically exfoliated pencil graphite core for room temperature detection of LPG,	Prashant Shukla, Pooja Saxena, D Madwal, N Bhardwaj, V K Jain	Applied Science and Humanities	Sensors and Actuators B: Chemical,	2020-21	0925-4005	https://www.sciencedirect.com/journal/sensors-and-actuators-b-chemical	https://doi.org/10.1016/j.snb.2021.130133	SCI
Development of Al clay composite by friction stir process and its characterization	S P Dwivedi, Mahesh Pandey	Applied Science and Humanities	Clay Research	2020-21	0974-4509	https://www.indianjournals.com/ijor.aspx?target=ijor:cr&type=home	http://dx.doi.org/10.5958/0974-4509.2021.00003.6	Scopus

Reliable controller for nonlinear multiagent system with additive time varying delay and nonlinear actuator faults	Bandana Priya, Ganesh Kumar Thakur, Syeda Asma Kauser Syed Ali R agalya	Applied Science and Humanities	Mathematical method in Applied Sciences	2020-21	1099-1476	https://onlinelibrary.wiley.com/journal/10991476	https://doi.org/10.1002/mma.7797	SCI
Prototyping of a highly sensitive and selective chemiresistive sensor based on pencil graphite for rapid detection of NO ₂ and NH ₃	Prashant Shukla, Pooja Saxena, D Madwal, N Bhardwaj, V K Jain	Applied Science and Humanities	New Journal of Chemistry	2020-21	1369-9261	https://pubs.rsc.org/en/journals/journalissues/nj#recentarticles&adv	https://doi.org/10.1039/D0NJ05594H	SCI
Polymer Nanocomposites in Sensor Applications: A Review on Present Trends and Future Scope	Pooja Saxena, Prashant Shukla	Applied Science and Humanities	Chineses Journal of Polymer Science	2020-21	1439-6203	https://www.springer.com/journal/10118	https://doi.org/10.1007/s10118-021-2553-8	SCI
Improving heterogeneously catalyzed transesterification reaction for biodiesel production using ultrasound energy and petro-diesel as cosolvent	Soumya Parida	Applied Science and Humanities	Energy Sources, Part A: Recovery, Utilization and Environmental Effects	2020-21	1556-7230	https://www.tandfonline.com/journals/ueso20	https://doi.org/10.1080/15567036.2021.1889723	SCI
Design of tunable 8 channel DWDM covers all transmission windows using defect mode nonlinear photonic crystals	Sanjeev Sharma	Applied Science and Humanities	Optical Engineering	2020-21	1560-2303	https://www.spiedigitallibrary.org/journals/optical-engineering/volume-60/issue-1	https://doi.org/10.1117/1.0E.60.1.017105	SCI
Air- gap thermally stimulated discharge currents in PVDF-PMMA double layered samples,	Pooja Saxena, Prashant Shukla	Applied Science and Humanities	Journal of Thermal Analysis and Calorimetry	2020-21	1588-2926	https://www.springer.com/journal/10973	https://doi.org/10.1007/s10973-021-10680-y	SCI
Finite-Time Stability Analysis of Switched Genetic Regulatory Networks with Time-Varying Delays via Wirtinger's Integral Inequality	Saravanan, S., Syed Ali, M., Rajchakit, G., Priya, Bandana., Thakur, G.K.	Applied Science and Humanities	Complexity	2020-21	1099-0526	https://www.hindawi.com/journals/complexity/about/#aims-and-scope	https://doi.org/10.1155/2021/9540548	SCI
An exact solution of the observable universe in Bianchi v space-time	Prasad, R., Manvinder Singh., Yadav, A.K., Beesham, A.	Applied Science and Humanities	International Journal of Modern Physics A	2020-21	1793-656X	https://www.worldscientific.com/worldscinet/ijmpa	https://doi.org/10.1142/S0217751X21500445	SCI
Analysis of Silica Based Single-Mode Fiber Doped with Germanium at Different Transmission Window	Sharma, Sanjeev, Kumar, A.	Applied Science and Humanities	Silicon	2020-21	1876-9918	https://www.springer.com/journal/12633	https://doi.org/10.1007/s12633-020-00884-6	SCI
(E)-4-((4-hydroxy-2-ox-2H-chromen-3-yl)diazenyl)-N-(6-methoxypyridazine-3-yl)benzenesulfonamide: A new antiviral agent for Herpes Simplex Virus type-2	Ashish Kumar, Brij Kishore Tiwari, Mamta Mishra, R K Mishra	Applied Science and Humanities	Evergreen	2020-21	2189-0420	http://www.tj.kyushu-u.ac.jp/evergreen/	https://doi.org/10.5109/4480717	Scopus
An importance and advancement of QSAR parameters in modern drug design: A Review	B K Tiwari, Ashish Kumar, Dr Subhadra Rajput	Applied Science and Humanities	International Journal of Application or Innovation in Engineering & Management (IJAIEM)	2020-21	2319-4847	www.ijaem.org	https://www.ijaem.org/Volume10Issue6/IJAIEM-2021-06-29-15.pdf	Scopus
PREDICTING THE EFFECT OF FINEPARTICULATE MATTER (PM _{2.5}) ON ANECOSYSTEMINCLUDINGCLIMATE, PLANTS AND HUMAN HEALTH USING MACHINELEARNINGMET HODS	Subhadra Rajput, PrakarshKau shik, DevangPrata psingh ,Brij Kishore tiwari	Applied Science and Humanities	International Journal of Application or Innovation in Engineering & Management (IJAIEM)	2020-21	2319-4847	www.ijaem.org	https://www.ijaem.org/Vol ume10Issue5/IJAIEM-2021-05-06-1.pdf	Scopus

Preparation, Microstructure, Dielectric and Electrical Analysis of Fe modified PZT piezoceramics	Arvind Pal, Vijayeta Pal, S.K.Mishra	Applied Science and Humanities	Journal of Material Science: Materials in Electronics	2020-21	1573-482X	https://www.springer.com/journal/10854	https://doi.org/10.1007/s10854-020-05046-3	SCI
Stability analysis of stochastic fractional-order competitive neural networks with leakage delay	Ali, M.S., Hymavathi, M., Priya, Bandana, Kauser, S.A., Thakur, G.K.	Applied Science and Humanities	AIMS Mathematics	2020-21	2473-6988	https://www.aimspress.com/journal/math	https://www.aimspress.com/article/doi/10.3934/math.20211193	SCI
A comprehensive review on fundamental properties and applications of poly(vinylidene fluoride) (PVDF)	Pooja Saxena, Prashant Shukla	Applied Science and Humanities	Advanced composite and hybrid materials	2020-21	2522-0136	https://www.springer.com/journal/42114	https://doi.org/10.1007/s42114-021-00217-0	SCI
2D photonic crystal based biosensor for the detection of chikungunya virus	Sharma, Sanjeev, Kumar, A., Singh, K.S., Tyagi, H.K.	Applied Science and Humanities	Optik	2020-21	0030-4026	https://www.sciencedirect.com/journal/optik	https://doi.org/10.1016/j.ijleo.2021.166575	SCI
Studies of the effect of temperature on charge accumulation in PVDF-PMMA double layered thin films based on depolarization current measurements	Pooja Saxena, Prashant Shukla	Applied Science and Humanities	Journal of Elastomers and Plastics,	2020-21	0095-2443	https://journals.sagepub.com/home/jep	https://doi.org/10.1177/0095244321996401	SCI
A comparative analysis of the basic properties and applications of Poly (vinylidene Fluoride) (PVDF) and Poly (methyl methacrylate) (PMMA),	Pooja Saxena, Prashant Shukla	Applied Science and Humanities	Polymer Bulletin	2020-21	0170-0839	https://www.springer.com/journal/289	https://doi.org/10.1007/s00289-021-03790-y	SCI
Stability analysis of quasi one-sided Lipschitz non-linear multi-agent system via sampled data control subject to directed switching topology	M S Ali, R Agalya, Banadana Priya, Ganesh Kumar Thakur, Vineet Shekher	Applied Science and Humanities	IMA Journal of Mathematical Control and Information	2020-21	0265-0754	https://academic.oup.com/imamci	https://doi.org/10.1093/imamci/dnab005	Scopus
Finite-time stability analysis of fractional-order memristive fuzzy cellular neural networks with time delay and leakage term	Syed Ali, M., Narayanan, G., Saroha, S., Priya, Bandana, Thakur, G.K.	Applied Science and Humanities	Mathematics and Computers in Simulation	2020-21	0378-4754	https://www.sciencedirect.com/journal/mathematics-and-computers-in-simulation	https://doi.org/10.1016/j.matcom.2020.12.035	SCI
Design of an ODR mirror by using temperature dependance ZNS based 1D photonic crystals	Sanjeev Sharma, Rajesh Tiwari	Applied Science and Humanities	Solid state technology	2020-21	0038-111X	http://solidstatetechnology.us/index.php/JSST	http://solidstatetechnology.us/index.php/JSST/article/view/5289	Scopus
(E)-4-((4-hydroxy-2-ox-2H-chromen-3yl)diazanyl)-N-(6-methoxypuridazine-3-yl)benzenesulfonamide: A new antiviral agent for Herpes Simplex Virus type-1	Ashish Kumar, Brij Kishore Tiwari, Mamta Mishra, R K Mishra	Applied Science and Humanities	Research Journal of Chemistry and Environment	2020-21	0972-0626	https://ores.su/en/journals/research-journal-of-chemistry-and-environment/	https://catalog.lib.kyushu-u.ac.jp/opac_download_md/4480717/351-357.pdf	Scopus
Thermal analysis of polymer blends and double layer by DSC	Pooja Saxena, Prashant Shukla	Applied Science and Humanities	Polymer and Polymer Composite	2020-21	1478-2391	https://journals.sagepub.com/home/ppc	https://doi.org/10.1177/0967391120984606	SCI
Robust stability of Markovian jumping neural networks with time-varying delays	Priya, B., Thakur, G.K., Garg, S.K., Ali, M.S.	Applied Science and Humanities	Nonlinear Dynamics and Systems Theory	2020-21	1813-7385	http://e-ndst.kiev.ua/	https://www.e-ndst.kiev.ua/v20n5/7(75).pdf	Scopus
Microporous Polymer Membrane Assisted Water Induced Electricity Generation Based on Tribo Electrification and Electrostatic Induction	Prashant Shukla, Pooja Saxena, D Madwal, N Bhardwaj, V K Jain	Applied Science and Humanities	RSC Advances	2020-21	2046-2069	https://www.rsc.org/journals-books-databases/about-journals/rsc-advances/	https://doi.org/10.1039/D0R017982K	SCI
Predictive models and analysis of peak and flatten curve values of COVID-19 cases in India	Bhatnagar, P., Kaura, S., Rajan, S.	Applied Science and Humanities	Evergreen	2020-21	2189-0420	http://www.tj.kyushu-u.ac.jp/evergreen/	https://doi.org/10.5109/4150465	Scopus

A Review on Polymer Electrets and its applications	Pooja Saxena, Prashant Shukla	Applied Science and Humanities	Material Performance and Characterization	2020-21	2379-1365	https://www.astm.org/materials-performance-and-characterization.html	https://doi.org/10.1520/MP-C20200126	ESCI/Scopus
Approximation by Q-Analogue of Beta-Szasz Operators	Rupa Rani Sharma Sangeeta Garg	Applied Science and Humanities	Journal of Xidian University	2020-21	1001-2400	https://xadzkjdx.cn/index.php/volume-14-issue-5-may-20-page-4/	https://doi.org/10.37896/ixu.14.5/604	Scopus
Review on friction stir welding	Tribhuvan Singh ¹ , Lawakush Mishra ² , Zakir Ali Hyderi ³ , Rishikesh Kumar Singh ⁴	Applied Science and Humanities	International Journal of Scientific Development and Research - IJSDR	2020-21	2455-2631	https://www.ijedr.org	https://www.ijedr.org/papers/IJSDR2012033.pdf	UGC
Field evaluation of novel insecticides against brown planthopper (Nilaparvata lugens) and white backed planthopper (Sogatella furcifera) in rice	S S DHAKA, MONIKA RAI, M RAI, A YADAV	Applied Science and Humanities	The Indian Journal of Agricultural Sciences	2020-21	0019-5022	https://epubs.icar.org.in/index.php/IJAAS/index	https://doi.org/10.56093/ijas.v9i08.105956	Scopus
On uncertain nodule fuzzy graph and resemblance coefficients	Bandana Priya, Ganesh Thakur, Pawan Kumar Sharma	Applied Science and Humanities	J. Math. Comput. Sci	2020-21	1927-5307	http://scik.org/index.php/jmcs	https://doi.org/10.28919/jmcs/4522	Scopus
Cost-effective product prioritisation technique for software product line testing	Satendra Kumar	Computer Science & Engineering	International Journal of Engineering Systems Modelling and Simulation	2020-21	1755-9766	https://www.inderscience.com/home.php?icode=ijesms	https://doi.org/10.1504/IJESMS.2021.115518	ESCI/Scopus
SafeWomen: A Smart Device to Secure Women Environment Using ATmega328 with an Android Tracking App	Kavita Sharma	Computer Science & Engineering	International Journal of Digital Crime and Forensics	2020-21	1941-6210	https://www.igi-global.com/journal/international-journal-digital-crime-forensics/1112	https://www.igi-global.com/article/safewomen/267149	ESCI/Scopus
Internet of healthcare things security vulnerabilities and jamming attack analysis	Kavita Sharma	Computer Science & Engineering	Expert Systems	2020-21	1468-0394	https://onlinelibrary.wiley.com/journal/14680394	https://doi.org/10.1111/esy.12853	SCIE
Improved Model for the Stability Analysis of Wireless Sensor Network Against Malware Attacks	G Sanyal	Computer Science & Engineering	Wireless Personal Communications	2020-21	0929-6212	https://www.springer.com/journal/11277	https://link.springer.com/article/10.1007/s11277-020-07809-x	SCIE
Blockchain-based e-cheque clearing framework with trust based consensus mechanism	Tarun Kumar	Computer Science & Engineering	Cluster Computing	2020-21	1386-7857	https://www.springer.com/journal/10586	https://link.springer.com/article/10.1007/s10586-020-03163-6	SCIE
Indel-K2P: a modified Kimura 2 Parameters (K2P) model to incorporate insertion and deletion (Indel) information in phylogenetic analysis	Dr. Sanjeev Pippal	Computer Science & Engineering	Cyber-Physical Systems,	2020-21	Print ISSN: 2333-5777 Online ISSN: 2333-5785	https://www.tandfonline.com/toc/tyb20/current	https://www.tandfonline.com/doi/abs/10.1080/23335777.2021.1879274	SCOPUS
Parameter aware utility proportional fairness scheduling technique in a communication network share on	Dr.Kavita Sharma	Computer Science & Engineering	International Journal of Innovative Computing and Applications Volume 12 Issue 2-3	2020-21	ISSN:1751-648X	https://dl.acm.org/toc/iijca/2021/12/2-3	https://dl.acm.org/doi/abs/10.1504/iijca.2021.113749	SCOPUS
Identification of copy-move and splicing based forgeries using advanced SURF and revised template matching	Ms. Anuj Rani	Computer Science & Engineering	Multimedia Tools and Applications	2020-21	1380-7501	https://www.springer.com/journal/11042	https://link.springer.com/article/10.1007/s11042-021-10810-6	SCOPUS
Modeling and simulation of urban air quality with a 2-phase assessment technique	Ms. Anuj Rani	Computer Science & Engineering	Simulation Modelling Practice and Theory	2020-21	1569-190X	https://www.science-direct.com/journal/simulation-modelling-practice-and-theory	https://doi.org/10.1016/j.simpat.2021.102281	SCOPUS

A Non-invasive Approach to Identify Insulin Resistance with Triglycerides and HDL-c Ratio Using Machine learning	Ms. Anuj Rani	Computer Science & Engineering	Neural Processing Letters	2020-21	1370-4621	https://www.springer.com/journal/11063	https://link.springer.com/article/10.1007/s11063-021-10461-6	SCOPUS
CNN-SSPSO: A Hybrid and Optimized CNN Approach for Peripheral Blood Cell Image Recognition and Classification	Dr. Rajiv Kumar	Computer Science & Engineering	<u>International Journal of Pattern Recognition and Artificial Intelligence</u>	2020-21	ISSN (print): 0218-0014 ISSN (online): 1793-6381	https://www.worldscientific.com/worldscinet/ijprai	https://www.worldscientific.com/doi/10.1142/S0218001421570044	SCOPUS
Hybrid DSSCS and convolutional neural network for peripheral blood cell recognition system	Dr. Shivani Joshi	Computer Science & Engineering	IET Image Processing journal	2020-21	Print ISSN 1751-9659, Online ISSN 1751-9667	https://digital-library.theiet.org/content/journals/iet-ipr	https://digital-library.theiet.org/content/journals/10.1049/iet-ipr.2020.0370	SCOPUS
A review of imaging techniques for plant disease detection	Ms. Namita Sharma	Computer Science & Engineering	Artificial Intelligence in Agriculture	2020-21	2589-7217	https://www.sciencedirect.com/journal/artificial-intelligence-in-agriculture	https://www.sciencedirect.com/science/article/pii/S2589721720300295	SCOPUS
CLUSTERING ADAPTIVE ELEPHANT HERD OPTIMIZATION APPROACH-BASED DATA DISSEMINATION PROTOCOL FOR VEHICULAR AD HOC NETWORKS	Mr. Bhoopendra Dwivedy	Computer Science & Engineering	JOURNAL OF MECHANICS OF CONTINUA AND MATHEMATICAL SCIENCES	2020-21	0973-8975	Journal (journalimcms.org)	https://doi.org/10.26782/jimcms.2020.10.00003	SCOPUS
Prediction of Landsliding using Univariate Forecasting Models	Ms. Anuj Rani	Computer Science & Engineering	Internet Technology Letters	2020-21	ISSN:2476-1508	Internet Technology Letters - Wiley Online Library	https://doi.org/10.1002/itl2.209	SCOPUS
Read range optimization of low frequency RFID system in hostile environmental conditions by using rsm approach	Shilpa Choudhary	Electronics & Communication Engg.	Evergreen	2020-21	2189-0420	https://www.tj.kyushu-u.ac.jp/evergreen/	https://doi.org/10.5109/4068619	SCOPUS
Network Planning in Deep Fading Area is a Research Challenge.	Sharma, S., Singh, B.	Electronics & Communication Engg.	Wireless Pers Commun (2021).	2020-21	1572-834X Electronic ISSN 0929-6212 Print ISSN	https://www.springer.com/journal/11277	https://doi.org/10.1007/s11277-020-07971-2	SCI
Qualitative Analysis of Intra-Class and Inter-Class Clustering Routing and Clusterization in Wireless Sensor Network	Arpana Mishra,*, Rashmi Priyadarshini, Shilpa Choudhary, R M Mehra	Electronics & Communication Engg.	EVERGREEN Joint Journal of Novel Carbon Resource Sciences & Green Asia Strategy, Vol. 08, Issue 02, pp358-373, June 2021	2020-21	ISSN:2189-0420(Print) ISSN:2432-5953(Online)	http://www.tj.kyushu-u.ac.jp/evergreen/aim_scope.php	https://catalog.lib.kyushu-u.ac.jp/opac_download/md/4480718/358-373.pdf	Scopus
Analysis of power consumption in standalone 5G network and enhancement in energy efficiency using a novel routing protocol	Deepti Sharma, Sanyam Singhal, Amrita Rai, Amandeep Singh	Electronics & Communication Engg.	Sustainable Energy, Grids and Networks	2020-21	2352-4677 ISSN	https://www.journals.elsevier.com/sustainable-energy-grids-and-networks	https://www.sciencedirect.com/science/article/abs/pii/S2352467720303581	SCI
Nth order Simple Hyperjerk System with unstable equilibrium and Its Application as RPG	Manoj Joshi, Ashish Ranjan	Electronics & Communication Engg.	Circuits, Systems, and Signal Processing	2020-21	1531-5878 (Electronic) 0278-081X (Print)	https://www.springer.com/journal/34	https://link.springer.com/article/10.1007/s00034-021-01752-3	SCI
Pixel based classification for Landsat 8 OLI multispectral satellite images using deep learning neural network	Mohan Singh, Kapil Dev Tyagi	Electronics & Communication Engg.	Remote Sensing Applications: Society and Environment	2020-21	2352-9385 ISSN	https://www.sciencedirect.com/journal/remote-sensing-applications-society-and-environment	https://doi.org/10.1016/j.rsase.2021.100645	SCOPUS
Linearly decreasing inertia weight PSO and improved weight factor-based clustering algorithm for wireless sensor networks	Choudhary, S., Sugumaran, S., Belazi, A., El-Latif, A.A.A.	Electronics & Communication Engg.	Journal of Ambient Intelligence and Humanized Computing	2020-21	1868-5137 (Print ISSN)	https://www.springer.com/journal/12652	https://link.springer.com/article/10.1007/s12652-021-03534-w	SCI

Mitigating the Effect of COVID Lockdown Period on Channel and Bandwidth Utilization in Mobile Communication Network in North Western Rajasthan (India)	Hemant Purohit, Parneet Kaur & Shilpa Choudhary	Electronics & Communication Engg.	Wireless Personal Communications	2020-21	Electronic ISSN 1572-834X Print ISSN 0929-6212	https://www.springer.com/journal/11277	https://doi.org/10.1007/s11277-021-09300-7	SCI
Cooperative Spectrum Sensing Optimization for Cognitive Radio in 6 G networks	Krishna Kant Singh, Piyush Yadav, Akansha Singh, Gaurav Dhiman, Korhan Cengiz	Electronics & Communication Engg.	Computers and Electrical Engineering	2020-21	0045-7906 ISSN	https://www.journals.elsevier.com/computers-and-electrical-engineering	https://www.sciencedirect.com/science/article/pii/S0045790621003475	SCI
Use of RSM Technology for the Optimization of Received Signal Strength for LTE Signals Under the Influence of Varying Atmospheric Conditions	S Choudhary, A Sharma, S Gupta, H Purohit, S Sachan	Electronics & Communication Engg.	EVERGREEN Joint Journal of Novel Carbon Resource Sciences & Green Asia Strategy, Vol. 07, Issue 04, pp500-509, December 2020	2020-21	ISSN:2189-0420(Print) ISSN:2432-5953(Online)	http://www.tj.kyushu-u.ac.jp/evergreen/aim_scope.php	https://catalog.lib.kyushu-u.ac.jp/opac_download_md/4150469/500-509.pdf	Scopus
Modeling of a dual circularly polarized capacitive-coupled slit-loaded truncated microstrip antenna	Singh, D.K., Kanaujia, B.K., Dwari, S., Pandey, G.P.	Electronics & Communication Engg.	Journal of Computational Electronics	2020-21	ISSN: 1877-0509	https://www.springer.com/journal/10825	https://www.springerprofessional.de/en/modeling-of-a-dual-circularly-polarized-capacitive-coupled-slit-/18153002	SCI
Network Planning for Deep Fading Area at 1.8 GHz LTE Network	Piyush Yadav, Kushaagra Maheshwari, Abhijeet Kumar Lal and Rajeev Agrawal	Electronics & Communication Engg.	Wireless Personal Communications Springer US	2020-21	Electronic ISSN 1572-834X Print ISSN 0929-6212	https://www.springer.com/journal/11277	https://doi.org/10.1007/s11277-020-01788-z	SCI
Comparative Study on Modern Multispectral Satellite Image Classification Using Machine Intelligence Approach	Mohan Singh, Kapil Dev Tyagi	Electronics & Communication Engg.	International Journal of Interdisciplinary Global Studies, Volume: 14, Issue No: 04, Oct-Dec 2020.	2020-21	ISSN No.: 2324-7568 (Online), ISSN No: 2324-755X (Print)	https://cgscholar.com/bookstore/cgrn/222/273	https://www.scopus.com/sourceid/21100258851	Scopus
A Transfer Learning approach for AI-based classification of brain tumors	Rajat Mehrotra, M.A. Ansari, Rajeev Agrawal, R.S. Anand	Electrical and Electronics Engineering	Machine Learning with Applications, Volume 2, 2020,100003, ISSN 2666-8270.	2020-21	ISSN: 2666-8270	https://www.sciencedirect.com/journal/machine-learning-with-applications	https://doi.org/10.1016/j.mlwa.2020.100003	SCI
System Approximation via Restructured Hankel Matrix	Jay Singh	Electrical and Electronics Engineering	Circuits, Systems, and Signal Processing, Springer	2020-21	0278-081X	https://www.springer.com/journal/34	https://link.springer.com/article/10.1007/s00034-021-01745-2	SCI
Intelligent Door Lock System	Brijesh Prasad	Electrical and Electronics Engineering	International Research Journal of Engineering and Technology	2020-21	2278-3075	https://www.ijitee.org/	https://www.ijitee.org/wp-content/uploads/papers/v9i10/J75240891020.pdf	Scopus
Compact 2 Å— 2/4 Å— 4 tapered microstrip feed MIMO antenna configuration for high-speed wireless applications with band stop filters	P.C Vashist	Information Technology	International Journal of RF and Microwave Computer-Aided Engineering	2020-21	1099-047X	https://onlinelibrary.wiley.com/journal/1099047x	https://onlinelibrary.wiley.com/doi/abs/10.1002/mmce.22500	SCIE
Toward green computing in wireless sensor networks: prediction-oriented distributed clustering for non-uniform node distribution	Manoj Kumar Tyagi	Information Technology	EURASIP Journal on Wireless Communications and Networking	2020-21	1687-1499	https://wcn-urasipjournals.springeropen.com/	https://wcn-urasipjournals.springeropen.com/articles/10.1186/s13638-020-01788-0	SCI

MCNN: A Deep Learning Based Rapid Diagnosis Method for COVID-19 from the X-ray Images	Ashish Tripathi	Information Technology	Revue d'Intelligence Artificielle (IETA) (SCImago, SCOPUS)	2020-21	0992-499X (Print)/1958-5748(Online)	https://www.iieta.org/Journals/RIA	http://www.iieta.org/journals/ria/paper/10.18280/ria.340601	SCOPUS
A novel intelligent round robin CPU scheduling algorithm	Prem Sagar Sharma, Sanjeev Kumar, Madhu S Gaur	Master of Computer Application	International Journal of Information Technology	2020-21	2511-2112	https://www.springer.com/journal/41870	https://link.springer.com/article/10.1007/s41870-021-00630-0	Scopus
A Significant Review of Surveys Emphasizing on Network Structure Routing in Wireless Sensor Network	Sandeep Srivastava	Master of Computer Application	Solid State Technology	2020-21	0038-111X	http://solidstatetechology.us/index.php/JSST	http://solidstatetechology.us/index.php/JSST/article/view/10228	Scopus
Machining performance and sustainability analysis of PMEDM process using green dielectric fluid	A.K Srivastava	Mechanical Engineering	Journal of the Brazilian Society of Mechanical Sciences and Engineering	2020-21	1806-3691	https://www.springer.com/journal/40430	https://link.springer.com/article/10.1007/s40430-022-03878-0	SCIE
Prediction of an optimum engine response based on different input parameters on common rail direct injection diesel engine: A response surface methodology approach	Abhishek Sharma	Mechanical Engineering	Scientia Iranica	2020-21	1026-3098	https://scientiairanica.sharif.edu/	https://doi.org/10.1007/s40430-022-03878-0	SCIE
Optimization of diesel engine performance and emission characteristics with cerium oxide nanoparticles mixed waste cooking oil biodiesel blends	Abhishek Sharma	Mechanical Engineering	International Journal of Engine Research	2020-21	1468-0874	https://journals.sagepub.com/home/JER	https://doi.org/10.1177/14680874221133223	SCI
Extraction of collagen powder from chrome containing leather waste and its composites with alumina employing different casting techniques	Shashi Prakash Dwivedi	Mechanical Engineering	Materials Chemistry and Physics	2020-21	0254-0584	https://www.sciencedirect.com/journal/materials-chemistry-and-physics	https://www.sciencedirect.com/science/article/abs/pii/S0254058420306441	SCI
Synthesis and mechanical behavior of ball-milled agro-waste rha and eggshell reinforced composite material	Shashi Prakash Dwivedi	Mechanical Engineering	Materials Performance and Characterization	2020-21	2165-3992	https://journals.sagepub.com/home/PIC	https://doi.org/10.1177/09544062211061451	SCIE
Sustainable route for S. Oleosa biodiesel production using response surface methodology	Abhishek Sharma	Mechanical Engineering	Energy Sources, Part A: Recovery, Utilization and Environmental Effects	2020-21	1556-7036	https://www.tandfonline.com/journals/ueso20	https://doi.org/10.1080/15567036.2020.1837298	SCIE
Brucea Javanica: A novel nonedible feedstock for bio-based lubricant application with the effect of ZrO2 nanoparticles	Abhishek Sharma	Mechanical Engineering	Environmental Progress and Sustainable Energy	2020-21	1944-7450	https://aiche.onlinelibrary.wiley.com/journal/19447450	https://aiche.onlinelibrary.wiley.com/doi/abs/10.1002/ep.13602	SCIE
Experimental investigation on electric discharge drilling of titanium alloy (TiO2) with a gas-aided rotary tool	Abhishek Sharma	Mechanical Engineering	Sadhana - Academy Proceedings in Engineering Sciences	2020-21	0256-2499	https://www.springer.com/journal/12046	https://link.springer.com/article/10.1007/s12046-020-01497-w	SCIE
CFD and thermo-hydraulic analysis of multiple arc roughened absorber plate with gaps used in solar air heaters	Navneet Kumar Pandey, VK Bajpai, Abhishek Sharma, Sanjay Yadav	Mechanical Engineering	International Journal of Ambient Energy	2020-21	2162-8247	https://www.tandfonline.com/journals/taen21	https://doi.org/10.1080/01430750.2020.1824941	SCOPUS
Analysis of Performance, Emission and combustion characteristics of a single cylinder VCR engine when run on blends of 1-octanol and Diesel	Ashish Kumar Singh, Amardeep, Vinod Kumar Yadav	Mechanical Engineering	Journal of Engineering Research	2020-21	2307-1885	https://kuwaitjournal.s.org/ier/index.php/JER/home	https://doi.org/10.36909/ier.ICCEMME.15723	SCIE

Development of Marble Dust/Waste PET Based Polymer Composite Material for Environmental Sustainability: Fabrication and Characterizations	A. Islam, S. P. Dwivedi, V. Kumar Dwivedi, S. Sharma, and D. Kozak	Mechanical Engineering	Materials Performance and Characterization	2020-21	2165-3992	https://www.astm.org/materials-performance-and-characterization.html	https://www.bib.irb.hr/1140896	SCIE
Prediction of Performance and Emission Parameters of DI Diesel Engine Running on Kusum Biodiesel- A Combined Application of Neuro-Fuzzy Technique and Genetic Algorithm	Abhishek Sharma	Mechanical Engineering	Fuel	2020-21	0016-2361	https://www.sciencedirect.com/journal/fuel/vol/280/suppl/C	https://doi.org/10.1016/j.fuel.2020.118629	SCIE
Chemical Modification of Juliflora oil with trimethylolpropane (TMP) and effect of TiO2 nanoparticles concentration during tribological investigation	Abhishek Sharma	Mechanical Engineering	Fuel	2020-21	0016-2361	https://www.sciencedirect.com/journal/fuel/vol/280/suppl/C	https://doi.org/10.1016/j.fuel.2020.118704	SCIE
Effect of design parameters on performance and emissions of DI diesel engine running on biodiesel-diesel blends: Taguchi and Utility Theory	Abhishek Sharma, Nagendra Maurya	Mechanical Engineering	Fuel	2020-21	0016-2361	https://www.sciencedirect.com/journal/fuel/vol/280/suppl/C	https://doi.org/10.1016/j.fuel.2020.118765	SCIE
Experimental investigations of A359/Si3N4 surface composite produced by multi-pass friction stir processing	Ashish Kr Srivastava, Nagendra Kumar Maurya, Shashi Prakash Dwivedi, Ambuj Saxena	Mechanical Engineering	Materials Chemistry and Physics	2020-21	0254-0584	https://www.journals.elsevier.com/materials-chemistry-and-physics	https://doi.org/10.1016/j.matchemphys.2020.123717	SCI
Surface Roughness Report and 3D Surface Analysis of Hybrid Metal Matrix Composites (MMC) During Abrasive Water Jet (AWJ) Cutting	Ashish Kumar Srivastava, Shashi Prakash Dwivedi, Nagendra Kumar Maurya , Rohit Sahu	Mechanical Engineering	International Information and Engineering Technology Association (IIETA)	2020-21	1169-7954 (print)	https://www.iieta.org/	doi.org/10.18280/rma.303-407	SCOPUS
Composites Prepared via Friction Stir Processing Technique: A Review	Nagendra Kumar Maurya	Mechanical Engineering	International Information and Engineering Technology Association (IIETA)	2020-21	1169-7954 (print)	https://www.iieta.org/	https://doi.org/10.18280/rma.303-404	SCOPUS
Effect of Graphene nanoparticles on microstructural and mechanical properties of aluminum based nanocomposites fabricated by stir casting	Ashish Kumar Srivastava, Brijesh Sharma, B.R Saju, A Shukla, Ambuj Saxena, Nagendra Kumar maurya	Mechanical Engineering	World Journal of Engineering	2020-21	1708-5284	https://www.emerald.com/insight/publication/issn/1708-5284	https://doi.org/10.1108/WJE-04-2020-0128	SCOPUS
Cognizance on Pandemic Corona Virus Infectious Disease (COVID-19) by using Statistical Technique: A Study and Analysis	Vijay K Yadav, Vinod Kumar Yadav and J. P. Yadav	Mechanical Engineering	Evergreen	2020-21	2189-0420	http://www.tj.kyushu-u.ac.jp/evergreen/	https://catalog.lib.kyushu-u.ac.jp/opac_download_md/4068611/Pages_329-335.pdf	SCOPUS
Kinematic and Kinetic Gait Analysis of bilateral Knee Osteoarthritis and Its Effects on ankle and hip Gait Mechanics	Shailendra Singh Chauhan	Mechanical Engineering	Evergreen	2020-21	2189-0420	http://www.tj.kyushu-u.ac.jp/evergreen/	https://catalog.lib.kyushu-u.ac.jp/opac_download_md/4068617/Pages_359-365.pdf	SCOPUS

Mechanical Strength Enhancement of 3D Printed Acrylonitrile Butadiene Styrene Polymer Components Using Neural Network Optimization Algorithm	Shashi Prakash Dwivedi	Mechanical Engineering	Polymers	2020-21	2073-4360	https://www.mdpi.com/journal/polymers	doi:10.3390/polym12102250	SCI
Microstructure, Mechanical and Thermal Behaviour of Al-Clay Composite Material Developed by Stir Casting Technique	Shashi Prakash Dwivedi, Ambuj Saxena	Mechanical Engineering	Clay Research	2020-21	0974-4509	https://www.indianjournals.com/ijor.aspx	http://dx.doi.org/10.5958/0974-4509.2020.00002.9	SCOPUS
Effect of ZnO nanoparticles concentration as additives to the epoxidized Euphorbia Lathyrus oil and their tribological characterization	Abhishek Sharma	Mechanical Engineering	Fuel	2020-21	0016-2361	https://www.science-direct.com/journal/fuel/vol/280/suppl/C	https://doi.org/10.1016/j.fuel.2020.119148	SCIE
Friction stir additive manufacturing – An innovative tool to enhance mechanical and microstructural properties	Ashish Kr. Srivastava, Nilesh Kumar, Amit Rai Dixit	Mechanical Engineering	Materials Science and Engineering: B	2020-21	0921-5107	https://www.science-direct.com/journal/materials-science-and-engineering-b	https://doi.org/10.1016/j.mseb.2020.114832	SCI
Fabrication of AA7075 Hybrid Green Metal Matrix Composites by Friction Stir Processing Technique	Sanjay Kumar, Ashish Kr. Srivastava, Rakesh Kr. Singh	Mechanical Engineering	Annales de Chimie - Science des Matériaux	2020-21	1958-5934	https://www.iieta.org/Journals/ACSM	https://doi.org/10.18280/acsm.440409	SCOPUS
Mechanical and Metallurgical Characterization of Copper-Based Welded Joint Using Brass as Filler Metal Developed by Microwave Technique	S P Dwivedi, Satpal Sharma, Tanuj Singh, Naresh Kumar	Mechanical Engineering	Annales de Chimie - Science des Matériaux	2020-21	1958-5935	https://www.iieta.org/Journals/ACSM	https://doi.org/10.18280/acsm.440407	SCOPUS
Taguchi S/N and TOPSIS Based Optimization of Fused Deposition Modeling and Vapor Finishing Process for Manufacturing of ABS Plastic Parts	Shashi Prakash Dwivedi	Mechanical Engineering	Materials	2020-21	1996-1944	https://www.mdpi.com/journal/materials	https://pubmed.ncbi.nlm.nih.gov/33212794/	SCI
Effect of friction stir process parameters on tensile strength of eggshell and SiC-reinforced aluminium-based composite	Shashi Prakash Dwivedi	Mechanical Engineering	World Journal of Engineering	2020-21	1708-5284	https://www.emerald.com/insight/publication/issn/1708-5284	https://www.emerald.com/insight/content/doi/10.1108/WJE-08-2020-0387/full/html	SCOPUS
Moringa Oleifera: Bio based lubricant development from a novel feedstock for tribological characterization	Abhishek Sharma	Mechanical Engineering	Advances in Materials and Processing Technologies	2020-21	ISSN: 2374-0698	https://www.tandfonline.com/journals/tmp-t20	https://doi.org/10.1080/2374068X.2020.1829956	SCOPUS
Effect of CuO nanoparticles concentration on the performance and emission characteristics of the diesel engine running on jojoba (Simmondsia Chinensis) biodiesel	Abhishek Sharma	Mechanical Engineering	FUEL	2020-21	0016-2361	https://www.science-direct.com/journal/fuel/vol/280/suppl/C	https://doi.org/10.1016/j.fuel.2020.119358	SCIE
Thermal Performance optimization of Heat pipe using the nanofluid-Response surface methodology	Abhishek Sharma	Mechanical Engineering	Journal of the Brazilian Society of Mechanical Sciences and Engineering	2020-21	1678-5878	https://www.springer.com/journal/40430/	https://doi.org/10.1007/s40430-020-02668-w	SCIE
Application of Taguchi and RSM approach to a sustainable model developed for a CI engine using polanga biodiesel/diesel blends	Abhishek Sharma, Avdesh Tyagi	Mechanical Engineering	Proc IMechE Part I: Journal Systems and Control Engineering	2020-21	0959-6518	https://journals.sagepub.com/home/pii	https://doi.org/10.1177/0959651820965301	SCIE

Madhuca Indica (Mahua): A novel feedstock for bio based lubricant application treated with trimethylolpropane and tribological analysis	Abhishek Sharma	Mechanical Engineering	Australian Journal of Mechanical Engineering	2020-21	2204-2253	https://www.tandfonline.com/toc/tmec20/current	https://doi.org/10.1080/14484846.2020.1842300	SCOPUS
Experimental and computational analysis of mechanical properties of RGD840 material manufactured through PolyJet process	Nagendra Kr. Maurya, Vikas Rastogi, Pushpendra Singh	Mechanical Engineering	Rapid Prototyping Journal	2020-21	1355-2546	https://www.emerald.com/insight/publication/issn/1355-2546	https://doi.org/10.1108/RPJ-03-2020-0049	SCIE
Measurement of Form Errors and Comparative Cost Analysis for the Component Developed by Metal Printing (DMLS) and Stir Casting	Ashish Kumar Srivastava, Akash Dubey, Manish Kumar, Shashi Prakash Dwivedi, Rabesh Kumar Singh, Sanjay Kumar	Mechanical Engineering	Instrumentation Mesure Métrologie	2020-21	1631-4670	https://www.iieta.org/Journals/I2M	https://doi.org/10.1080/i2m.190506	SCOPUS
Optimization of process parameter for commercially pure aluminium alloy during friction stir deformation	Binit Kumar, Rohit Sahu & Mukesh Mishra	Mechanical Engineering	Advances in Materials and Processing Technologies	2020-21	2374-0698	https://www.tandfonline.com/journals/tmp20	https://doi.org/10.1080/2374068X.2020.1860601	SCOPUS
Effect of multiple passes on microstructural and mechanical properties of surface composite Al 2024/SiC produced by Friction stir processing -	Ashish Kumar Srivastava, Nagendra Kr Maurya, Manish Maurya, S P Dwivedi, Ambuj Saxena	Mechanical Engineering	Annales de Chimie - Science des Matériaux	2020-21	1958-5934	https://www.iieta.org/Journals/ACSM	https://doi.org/10.1080/acsm.440608	SCOPUS
Kinematic Analysis of the ABB IRB 1520 Industrial Robot Using RoboAnalyzer Software	S S Chauhan, A K Khare	Mechanical Engineering	EVERGREEN Joint Journal of Novel Carbon Resource Sciences & Green Asia Strategy	2020-21	2432-5953	http://www.tj.kyushu-u.ac.jp/evergreen/	https://catalog.lib.kyushu-u.ac.jp/opac_download_md/4150470/510-518.pdf	SCOPUS
Optimisation of biodiesel production and engine performance from Simarouba oil in compression ignition engine	Avdhesh Tyagi	Mechanical Engineering	Int. J. Oil, Gas and Coal Technology,	2020-21	1753-3309	https://www.inderscience.com/home.php?jcode=ijogct	https://www.inderscienceonline.com/doi/abs/10.1504/IJOGCT.2020.110385	SCIE
Effect of porosity and loading height on the performance of LPG gas stoves	Shivam Teotia, Vinod Yadav, Shubham Sharma, Jagdish Prasad Yadav	Mechanical Engineering	Journal of Process Mechanical Engineering	2020-21	0954-4089	https://journals.sagepub.com/home/pie	https://doi.org/10.1177/0954408920987024	SCIE
Thermodynamic Analysis Of An Aero derivative Gas Turbine Engine System With Ceramic Matrix Composite Rotating Blades	Souvik Singh Rathore, Vishesh Kar, Sanjay, Shivam Mishra	Mechanical Engineering	SAE Technical Papers	2020-21	0148-7191	https://www.sae.org/publications/collections/content/dlibtp	https://www.sae.org/publications/technical-papers/content/2021-01-0033/	SCOPUS
Influence of SAC and eggshell addition in the physical, mechanical and thermal behavior of Cr reinforced aluminum based composite	Shashi Prakash Dwivedi, Ambuj Saxena, Shubham Sharma, A K Srivastava, N K Maurya	Mechanical Engineering	International Journal of Cast Metals Research	2020-21	ISSN 1364-0461	https://www.tandfonline.com/journals/ycmr20	https://doi.org/10.1080/13640461.2021.1877943	SCIE

Comparative Performance of Copper, Graphite, Brass and Aluminium/GraphiteBased Different Tool Electrodes for Optimizing the Material Removal Rate during Die-Sinking EDM of Stir-Casted, Al6061/SiCMMCs for Sustainable Manufacturing and Energy Applications	Hardeep Singh, Jujhar Singh, Shubham Sharma, SP Dwivedi, Ahmad J Obaid	Mechanical Engineering	Journal of Green Engineering (JGE)	2020-21	ISSN: 1904-4720	https://ores.su/en/journals/journal-of-green-engineering/	http://www.igenng.com/wp-content/uploads/2021/1/volume11-issue1-60.pdf	scopus
Exergy analysis of roughened duct using multiple arcs with gaps used in solar air Heaters	Abhishek Sharma	Mechanical Engineering	International Journal of Ambient Energy	2020-21	0143-0750	https://www.tandfonline.com/toc/taen20/current	https://doi.org/10.1080/01430750.2021.1873180	SCI
Effect of SiO2 nanoparticles on the tribological behavior of Balanites Aegytiaca (Desert date) oil-based bio lubricant	Abhishek Sharma	Mechanical Engineering	Environmental Progress & Sustainable Energy AIChE	2020-21	1944-7450	https://aiche.onlinelibrary.wiley.com/journal/19447450	https://link.springer.com/article/10.1007/s40735-020-00451-x	SCI
Synthesis and characterisation of waste SACand RHA-reinforced aluminium-based composite	Shashi Prakash Dwivedi, Adepu Kumaraswamy, Ambuj Saxena, Rohit Sahu	Mechanical Engineering	Green Materials	2020-21	ISSN 2049-1220	https://www.icevirtuallibrary.com/toc/jgrma/current	https://doi.org/10.1680/jgrma.20.00042	SCI
Economic evaluation of a hybrid renewable energy system (HRES) using hybrid optimization model for electric renewable (HOMER) software—a case study of rural India	Shashi Prakash Dwivedi	Mechanical Engineering	International Journal of Low-Carbon Technologies	2020-21	ISSN 1748-1317	https://academic.oup.com/ijlct	https://doi.org/10.1093/ijlct/ctab012	SCIE
Effect of Friction Stir Process Parameters on Mechanical Properties of Chrome Containing Leather Waste Reinforced Aluminium Based Composite	S P Dwivedi, Rajeev Agarwal, Shubham Sharma	Mechanical Engineering	International Journal of Precision Engineering and Manufacturing-Green Technology (2021)	2020-21	ISSN: 2288-6206	https://www.springer.com/journal/40684/	https://link.springer.com/article/10.1007/s40684-021-00312-z	SCI
A detailed review on research, technology, configurations and application of wire ribs as artificial roughness in rectangular solar air heater duct	Mukesh Kr. Sahu, Shivam Mishra, Pardeep Bishnoi	Mechanical Engineering	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering	2020-21	ISSN: 0954-4089	https://journals.sagepub.com/home/pie	https://doi.org/10.1177/0954408921995140	SCIE
Microstructural and Mechanical Properties of AZ31B/Graphene Nanocomposite Produced by Stir Casting	Ashish Srivastava, Ambuj Saxena, N K Maurya, Shashi Prakash Dwivedi	Mechanical Engineering	Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials	2020-21	1169-7954 (print)	https://www.iieta.org/Journals/RCMA	https://doi.org/10.18280/rcma.310107	SCOPUS
Statistical Optimization by Response Surface Methodology of Process Parameters During the CNC Turning Operation of Hybrid Metal Matrix Composite	Ashish Srivastava, Manish Kumar Maurya, Ambuj Saxena, N K Maurya, Shashi Prakash Dwivedi	Mechanical Engineering	Evergreen	2020-21	2189-0420	http://www.ti.kyushu-u.ac.jp/evergreen/	https://doi.org/10.5109/4372260	SCOPUS

Microstructural and fractographic analysis of A359/Si3N4 surface composite produced by friction stir processing	Ashish K. Srivastava , Manish Maurya , Ambuj Saxena , Nagendra K. Maurya , Shashi Prakash Dwivedi , Amit R. Dixit	Mechanical Engineering	Int. J. Mater. Res	2020-21	ISSN: 2195-8556	https://www.degruyter.com/journal/key/ijmr/html?lang=en	https://doi.org/10.1515/ijmr-2020-78277753	SCIE
20th Century Uninterrupted Growth in Friction Stir Processing of Lightweight Composites and Alloys	Ashish Kumar Srivastava , Amit Rai Dixit , Manish Maurya , Ambuj Saxena , Nagendra Kumar Maurya , Shashi Prakash Dwivedi , Rajesh Bajaj	Mechanical Engineering	Materials chemistry and Physics	2020-21	0254-0584	https://www.journals.elsevier.com/materials-chemistry-and-physics	https://doi.org/10.1016/j.matchemphys.2021.124572	SCI
Effect of heat treatment process on microstructure and mechanical behaviour of Al/MgO composite material	Vijay Kumar Dwivedi , Shashi Prakash Dwivedi & Rajat Yadav	Mechanical Engineering	Advances in Materials & Processing Technologies	2020-21	ISSN: 2374-0698	https://www.tandfonline.com/toc/tmpt20/current	https://doi.org/10.1080/2374068X.2020.1829955	SCOPUS
Investigation of effect of process variable on dimensional accuracy of FDM component using response surface methodology	Nagendra kr Maurya, Manish Maurya, Shashi Prakash Dwivedi, Ashish Srivastava, Ambuj Saxena,, Sandeep Chauhan, Aditya Tiwari, Aditva Mishra	Mechanical Engineering	World Journal of Engineering	2020-21	1708-5284	https://www.emerald.com/insight/publication/issn/1708-5284	http://dx.doi.org/10.1108/WJE-08-2020-0347	SCOPUS
Synthesis and Mechanical Behavior of Ball-Milled Agro-Waste RHA and Eggshell Reinforced Composite Material	Rajat Yadav, Shashi Prakash Dwivedi, and V. K. Dwivedi	Mechanical Engineering	Materials Performance and Characterization	2020-21	2165-3992	https://www.astm.org/	https://doi.org/10.1520/MPC20190247	SCIE
Computational and experimental investigation on mechanical behavior of zirconia toughened alumina and nickel powder reinforced EN31 based composite material	Ambuj Saxena S.P. Dwivedi A. Dixit S. Sharma,A.K. Srivastava ,N.K. Maurya	Mechanical Engineering	Material Science and Engineering Technology	2020-21	0933-5137	https://onlineibrary.wiley.com/journal/15214052	https://doi.org/10.1002/mawe.202000152	SCIE
Effects of MgO Powder addition on mechanical, physical and thermal properties of Al waste bagasse composite	Shashi Prakash Dwivedi, Ambuj Saxena and Nitin Srivastava,	Mechanical Engineering	Materials Testing	2020-21	0025-5300	https://www.degruyter.com/journal/key/mt/html?lang=en	https://doi.org/10.1515/mt-2020-0079	SCI

Optimization of FFF Process Parameters by Naked Mole-Rat Algorithms with Enhanced Exploration and Exploitation Capabilities	Jasgurpreet Singh Chohan Nitin Mittal Raman Kumar, Sandeep Singh Shubham Sharma ,Shashi Prakash Dwivedi Ambuj Saxena Somnath Chattopadhyaya , Rushdan A. Ilyas Chi Hieu Leand Szymon Wojciechowski	Mechanical Engineering	Polymer	2020-21	ISSN: 2073-4360	https://www.mdpi.com/journal/polymers	https://doi.org/10.3390/polym13111702	SCIE
Prediction of Transient Temperature Distributions for Laser Welding of Dissimilar Metals	Shashi Parkash Dwivedi, Ambuj Saxena	Mechanical Engineering	Applied Sciences	2020-21	ISSN: 2076-3417	https://www.mdpi.com/journal/applsci	https://doi.org/10.3390/app11135829	SCIE
Investigation on mechanical, tribological and microstructural properties of AleMgeSieT6/SiC/muscovite-hybrid metal-matrix composites for high strength applications	Shubham Sharma Jujhar Singh Munish Kumar Gupta Mozammel Miad Shashi Prakash Dwivedi Ambuj Saxena Somnath Chattopadhyaya Rupinder Singh Danil Y Pimenov Mehmet ErdiKorkmaz h	Mechanical Engineering	Journal of Materials Research & Technology	2020-21	2238-7854	https://www.journals.elsevier.com/journal-of-materials-research-and-technology	https://doi.org/10.1016/j.jmrt.2021.03.095	SCIE
Production of a Sustainable Fuel From Microalgae Chlorella Minutissima Grown in a 1500 L Open Raceway Ponds	Abhishek Sharma	Mechanical Engineering	Biomass and Bioenergy	2020-21	0961-9534	https://www.journals.elsevier.com/biomass-and-bioenergy	https://doi.org/10.1016/j.biombioe.2021.106073	SCI
Tribological characteristics of TiO2 nanoparticles as an additive to the Chemically Modified Nicotiana Tabacum	Abhishek Sharma	Mechanical Engineering	Journal of Bio-and Tribo-Corrosion	2020-21	2198-4220	https://www.springer.com/journal/40735	https://link.springer.com/article/10.1007%2Fs40735-021-00499-3	SCI
Biodiesel yield and properties optimization from Kusum oil by RSM	Abhishek Sharma	Mechanical Engineering	FUEL	2020-21	0016-2361	https://www.science-direct.com/journal/fuel/vol/280/suppl/C	https://doi.org/10.1016/j.fuel.2021.120218	SCIE
Effect of Fuel Injection Pressure and EGR Techniques on Various Engine Performance and Emission Characteristics on A CRDI Diesel Engine running with Linseed Oil Methyl Ester	Abhishek Sharma	Mechanical Engineering	Energy & Environment	2020-21	2048-4070	https://journals.sagepub.com/home/eae	https://doi.org/10.1177/0958305X20983477	SCI
A Comparative Numerical Analysis on the Effect of Welding Consumables on the Ballistic Resistance of SMAW Joints of Armor Steel	Ambuj Saxena, Shashi Prakash Dwivedi	Mechanical Engineering	Applied Sciences	2020-21	2076-3417	https://www.mdpi.com/journal/applsci	https://doi.org/10.3390/app11083629	SCIE
Comparative study of formability characteristics in deep drawing of DP 590 steel using analytical models	Ambuj Saxena	Mechanical Engineering	Advances in Materials and Processing Technologies	2020-21	2374-0698	https://www.tandfonline.com/journals/tmp	https://doi.org/10.1080/2374068X.2021.1945273	SCOPUS

Experimental investigation of fatigue failure in an ASTM A401 compression spring of a passenger car	Ashish Gupta, Vikas Rastogi and Loveleen Kumar Bhagi	Mechanical Engineering	Material testing	2020-21	0025-5300	https://www.degruyter.com/journal/key/mt/html?lang=en	https://doi.org/10.3139/120.111525	SCI
Conceptualisation of biaxial tensile test setup for sheet metal forming application using fuzzy analytical network process	Pranjal Shukla, Konark Joshi, Utkarsh Rastogi, Nitin Kotkunde, Swadesh Kumar Singh & Ambuj Saxena	Mechanical Engineering	Advances in Materials and Processing Technologies	2020-21	2374-0698	https://www.tandfonline.com/journals/tmp20	https://doi.org/10.1080/2374068X.2020.1807244	SCOPUS
Investigation on mechanical properties and deformation behavior of copper-based three-phase metal matrix composite: Experimental and micro-macro-mechanical finite element analysis	Ambuj Saxena, Shashi Prakash Dwivedi, Nagendra Kr. Maurya, Ashish Kr Srivastava	Mechanical Engineering	Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications	2020-21	2041-3076	https://journals.sagepub.com/home/pil	https://doi.org/10.1177/14644207211009254	SCIE
Estimation of a performance parameter of Top-Lit Up-Draft cookstove using locally available wood feedstock	V.K YADAV	Mechanical Engineering	International Journal of Energy for a Clean Environment	2020-21	2150-3621	https://www.begellhouse.com/journals/energy-for-a-clean-environment.html	DOI: 10.1615/InterJEnergyCleanEnv.2021036706	SCOPUS
Influence of Nano-CuO on Synthesis and Mechanical Behavior of Spent Alumina Catalyst and Grinding Sludge Reinforced Aluminum Based Composite	Shashi Prakash Dwivedi, Ambuj Saxena & Shubham Sharma	Mechanical Engineering	International Journal of Metalcasting	2020-21	1939-5981	https://www.springer.com/journal/40962	https://doi.org/10.1007/s40962-021-00597-5	SCI
Mechanical, Physical and Thermal Behaviour of SiC and MgO Reinforced Aluminium Based Composite Material	Shashi Prakash Dwivedi, Manish Maurya, Shailendra Singh Chauhan	Mechanical Engineering	Evergreen	2020-21	2189-0420	http://www.tj.kyushu-u.ac.jp/evergreen/	https://catalog.lib.kyushu-u.ac.jp/opac_detail.md/?lang=1&mode=MD100000&bibid=4480709	SCOPUS
An efficient software source code metrics for implementing for software quality analysis	Anubha Srivastava	Applied Science and Humanities	International Journal of Emerging Trends in Engineering Research	2019-20	2347-3983	https://www.warse.org/IJETER/	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85073524419&doi=10.30534/2fieter%2f2019%2f01792019&partnerID=40&md5=59ca7ae8646e19eea48b6c5b75735084	Scopus
Relationship Between Sumudu and Some efficient integral transforms	Rashmi Mishra, Sudhanshu Agrawal, Lokesh Choudhary, Anuj Kumar	Applied Science and Humanities	International Journal of Innovative Technology and Exploring Engineering	2019-20	2278-3075	https://www.ijitee.org	https://www.ijitee.org/wp-content/uploads/papers/v9i3/87489129219.pdf	UGC
Simultaneous approximation for beta baskakov-Stancu Operators	Rupa Rani Sharma, Sangeeta Garg	Applied Science and Humanities	International Journal of Innovative Technology and Exploring Engineering	2019-20	2278-3075	https://www.ijitee.org	https://www.ijitee.org/wp-content/uploads/papers/v9i4/86459129219.pdf	UGC
Design of tunable DWDM multiplexer using four defect layers of GaAs non linear photonic crystals	Sanjeev Sharma, Kumar A, Singh K.S	Applied Science and Humanities	Optik	2019-20	0030-4026	https://www.sciencedirect.com/journal/optik	https://doi.org/10.1016/j.jlco.2020.164652	SCI
Value of Pressure derivative of bulk modulus at extreme compression	K Dharmendra, Arvind Mishra	Applied Science and Humanities	International Journal of Scientific and Technology Research	2019-20	2277-8616	http://www.ijstr.org/	http://www.ijstr.org/final-print/jan2020/The-Study-Of-Pressure-Derivative-Of-Bulk-Modulus-At-Extreme-Compression-.pdf	Scopus
A novel computation for predicting time series using fuzzy logical distance connectivity function and visibility graph theory	Ganesh Thakur, Bandana Priya	Applied Science and Humanities	Mathematical modelling and computing	2019-20	2415-3788	https://science.lpnu.ua/mmc	https://doi.org/10.23939/mmc2020.01.014	Scopus

Optimal selection of network in heterogeneous environment based on fuzzy approach	Dr Ganesh K. Thakur, Dr Bandana priya, Mr Pawan Sharma	Applied Science and Humanities	J. Math. Comput. Sci	2019-20	1927-5307	http://scik.org/index.php/imcs	https://doi.org/10.28919/imcs/4456	Scopus
Approximation by new family modified bernstein type polynomial	R K Mishra, Sudesh Kr Garg, Rashmi Mishra	Applied Science and Humanities	International Journal of Innovative Technology and Exploring Engineering	2019-20	2278-3075	https://www.ijitee.org/	https://www.ijitee.org/wp-content/uploads/papers/v9i2/B7596129219.pdf	UGC
Neutrosophic logic for software effort estimation: an improvement over fuzzy logic	Arun Sharma, Pankaj Goel, Prachi Singh	Applied Science and Humanities	International Journal of Innovative Technology and Exploring Engineering	2019-20	2278-3075	https://www.ijitee.org/	https://www.ijitee.org/wp-content/uploads/papers/v8i125/L116810812519.pdf	UGC
Advanced Energy Resources	Pooja Rani, Pooja Saxena	Applied Science and Humanities	International Journal of Innovative Technology and Exploring Engineering	2019-20	2278-3075	https://www.ijitee.org/	https://www.ijitee.org/wp-content/uploads/papers/v9i2/B6512129219.pdf	UGC
Temperature Distribution on Sticky non compressible fluid flow using DHPM technology	Rashmi Mishra, Manvinder Singh, Sudesh Kumar Garg	Applied Science and Humanities	International Journal of Engineering and Advanced Technology	2019-20	2249-8958	https://www.ijeat.org/	https://www.ijeat.org/wp-content/uploads/papers/v9i2/B3030129219.pdf	UGC
A comparative study of Mohand and Elzaki Transforms	Sudhanshu Agrawal, Rashmi Mishra, Anuj Kumar	Applied Science and Humanities	Global Journal of Engineering Science and Reserach	2019-20	2348-8034	http://www.gjesr.com/	https://zenodo.org/record/2578915	UGC
Investigation of acoustical parameters of N-(2'-hydroxy-3-nitrobenzylidene)-3-substituted pyridine-2-amine schiff base derivatives in dioxane water mixture at 293, 297 and 300K.	M M Mahajan, P Raghvanshi & Mamta Mishra	Applied Science and Humanities	Global Journal of Engineering Science and Researches	2019-20	2348-8034	https://www.gjesr.com/	http://www.gjesr.com/Issue%20PDF/Archive-2019/November-2019/2.pdf	UGC
Monitoring of anthracene and benzo[Pyrene] in ambient air of merrut area of NCR and purification of air by yagyaroma	Nidhi rani, Abhishek kumar singh	Applied Science and Humanities	International journal of recent technology and engineering	2019-20	2277-3878	https://www.ijrte.org/	https://www.ijrte.org/wp-content/uploads/papers/v8i4/D7376118419.pdf	UGC
Studies on Benzene & Toluene Pollutant & their Removal by Vedic Yagya over Meerut Area of Delhi NCR	Nidhi rani, Abhishek kumar singh	Applied Science and Humanities	International Journal of Scientific Research and engineering	2019-20	2277-3878	https://ijsret.com/	https://ijsret.com/wp-content/uploads/2019/07/IJSRET_V5_issue4_398.pdf	UGC
A comparative study of maintainability versus availability index of open source software	Varun Srivastava, N Chandra Sekhar Reddy, Anubha Shrivastava	Applied Science and Humanities	Indian Journal of Science and Technology	2019-20	0974-5645	https://indjst.org/	https://indjst.org/articles/a-comparative-study-of-maintainability-versus-availability-index-of-open-source-software	UGC
A study on maintainability and availability parametrs using code metrics	Varun Srivastava, N Chandra Sekhar Reddy, Anubha Shrivastava	Applied Science and Humanities	J. Mech. Cont. & Math. Sci.	2019-20	2454-7190	http://www.journalimcms.org/	https://www.journalimcms.org/journal/a-study-on-maintainability-and-availability-parameters-using-code-metrics/	UGC
Deposition of Nanocrystalline Semiconducting Films For Device Applications	Sanjay kumar, M.K.B ansal	Applied Science and Humanities	International Journal of Contemporary Research in Engineering & Technology(IJCRET)	2019-20	2250-0510	https://www.shobhituniversity.ac.in/international-journal-of-contemporary.php		UGC
Resonant Frequencies of ring, circular and triangular patch microstrip X-band antennas in plasma	Arvind Mishra, Pankaj, B P Singh	Applied Science and Humanities	International Journal of Advance Research in Science & Engineering	2019-20	2319-8354	http://ijarse.com/currentissues.php?id=189	http://www.ijarse.com/images/fullpdf/1564483904_IJ237.pdf	UGC

New Trends in Telecommunication	Pooja Rani, Eirty Kapoor	Applied Science and Humanities	International Journal of Innovative Technology and Exploring Engineering	2019-20	2278-3075	https://www.ijitee.org/	https://www.ijitee.org/wp-content/uploads/papers/v8i12/L31981081219.pdf	Scopus
Dualities between Laplace-Carson Transform and Some Useful Integral Transforms	Raman Chahuhn, Nigam Kumar, Sudhanshu Agrawal	Applied Science and Humanities	International Journal of Innovative Technology and Exploring Engineering	2019-20	2278-3075	https://www.ijitee.org/	https://www.ijitee.org/wp-content/uploads/papers/v8i12/L31631081219.pdf	Scopus
Connections between Aboodh Transform and some effective integral transforms	Renu Choudhary, S D Sharma, Nigam Kumar, Sudhanshu Agrawal	Applied Science and Humanities	International Journal of Innovative Technology and Exploring Engineering	2019-20	2278-3075	https://www.ijitee.org/	https://www.ijitee.org/wp-content/uploads/papers/v9i1/A4262119119.pdf	Scopus
An effective code metrics for evaluation of protected parameters in database applications	Varun Srivastava, N Chandra Sekhar Reddy, Anubha Shrivastava	Applied Science and Humanities	International Journal of Advanced Trends in Computer Science and Engineering	2019-20	2395-3519	https://www.warse.org/IJATCSE/	https://www.warse.org/IJATCSE/static/pdf/file/ijatcse16813sl2019.pdf	UGC
Internet of unmanned aerial vehicles: QoS provisioning in aerial ad-hoc networks	Ajay Sikandar	Computer Science & Engineering	Sensors (Switzerland)	2019-20	1424-8220	https://www.mdpi.com/journal/sensors	https://www.mdpi.com/1424-8220/20/11/3160	SCIE
Feature selection inspired by human intelligence for improving classification accuracy of cancer types	Alok Kumar Shukla	Computer Science & Engineering	Computational Intelligence	2019-20	0824-7935	https://onlinelibrary.wiley.com/journal/14678640	https://onlinelibrary.wiley.com/doi/full/10.1111/coin.12341	SCIE
Home automation system using Raspberry Pi Zero W	Deepak Kumar Mishra	Computer Science & Engineering	International Journal of Advanced Intelligence Paradigms	2019-20	1755-0386	https://www.inderscience.com/home.php?icode=ijaij	https://www.inderscience.com/offers.php?id=107023	Scopus
Detecting biomarkers from microarray data using distributed correlation based gene selection	Alok Kumar Shukla	Computer Science & Engineering	Genes and Genomics	2019-20	2092-9293	https://www.springer.com/journal/13258	https://link.springer.com/article/10.1007/s13258-020-00916-w	SCIE
Similarity Search based on Text Embedding Model for detection of Near Duplicates	Ms. Asha Rani Mishra	Computer Science & Engineering	International Journal of Grid and Distributed Computing Vol. 13, No. 2	2019-20	ISSN: 2005-4262 (Online)	https://www.researchgate.net/journal/International-Journal-of-Grid-and-Distributed-Computing-2005-4262	https://www.researchgate.net/publication/353036503_Similarity_Search_based_on_Text_Embedding_Model_for_detection_of_Near_Duplicates	SCOPUS
Knowledge Discovery in Medical and Biological datasets by Integration of Relief –F and Correlation Feature Selection Techniques	Alok Kumar Shukla, Sanjeev Pippal	Computer Science & Engineering	Journal of Intelligent and Fuzzy System vol. 38, no. 5, pp. 6637-6648, 2020	2019-20	1064-1246	https://content.iospress.com/journals/journal-of-intelligent-and-fuzzy-systems/Pre-press/Pre-press	https://content.iospress.com/articles/journal-of-intelligent-and-fuzzy-systems/ifs179743	SCOPUS
Multi-Population Adaptive Genetic Algorithm for Selection of Microarray Biomarkers	Alok Kumar Shukla	Computer Science & Engineering	Neural Computing and Applications 32, pages11897–11918(2020)	2019-20	0941-0643	https://www.springer.com/journal/521	https://link.springer.com/article/10.1007/s00521-019-04671-2	SCOPUS
Fusion of Medical Images in Wavelet Domain: A Hybrid Implementation	Satya Prakash yadav, Sachin Yadav	Computer Science & Engineering	Computer Modeling in Engineering and Science, Vol.122, no. 1, pp. 303-321, 2020	2019-20	1526-1492	https://www.techscience.com/journal/CMES	https://www.techscience.com/CMES/v122n1/38247	SCOPUS
Image Fusion using Hybrid method in Multimodality Medical Images	Satya Prakash yadav, Sachin Yadav	Computer Science & Engineering	Medical and Biological Engineering & Computing, Vol.58, pp.1-19	2019-20	0140-0118	https://www.springer.com/journal/11517	https://link.springer.com/article/10.1007/s11517-020-02136-6	SCOPUS
A Taxonomy and performance comparison of Cryptography Techniques	Dr. Shivani Joshi	Computer Science & Engineering	<u>International Journal of Advanced Science and Technology</u>	2019-20	ISSN: 2005-4238 (Print)	http://serc.org/journals/index.php/IJAST/index	http://serc.org/journals/index.php/IJAST/article/view/24686	SCOPUS

Implementation of adaptive scheme in evolutionary technique for anomaly-based intrusion detection	Shubhra Dwivedi, Manu Vardhan, Sarsij Tripathi, and Alok Kumar Shukla	Computer Science & Engineering	Evolutionary Intelligence volume 13, pages103–117(2020)	2019-20	18645917	https://www.springer.com/journal/12065	https://link.springer.com/article/10.1007/s12065-019-00293-8	SCOPUS
A Study on Metaheuristics Approaches for Gene Selection in Microarray Data: Algorithms, Applications and Open Challenges	Alok Kumar Shukla, Diwakar Tripathi, B.Ramachandra Reddy, and D. Chandramohan	Computer Science & Engineering	Evolutionary Intelligence volume 13, pages309–329(2020)	2019-20	1864-5909	https://www.springer.com/journal/12065	https://link.springer.com/article/10.1007/s12065-019-00306-6	SCOPUS
CGAR: An Energy Efficient Chaotic GA-based Routing Algorithm for Wireless Sensor Networks	Anju Yadav , Payal Garg , *Vivek Kumar Verma , Tarun Jain, Vipin PaL	Computer Science & Engineering	International Journal of Advanced Science and Technology Vol. 29, No. 5, (2020), pp. 9846-9856	2019-20	ISSN: 2005-4238	http://sercs.org/journals/index.php/IJAST/index	http://sercs.org/journals/index.php/IJAST/article/view/19463	SCOPUS
Text Summarization for Light-Weight Web Servers using Unsupervised Methods	Tarun Jain , Abhinay Bhatt, Payal Garg ,Vivek Kumar Verma	Computer Science & Engineering	International Journal of Advanced Science and Technology Vol. 29, No. 6, (2020), pp. 5939 - 5947	2019-20	ISSN: 2005-4238	http://sercs.org/journals/index.php/IJAST/index	http://sercs.org/journals/index.php/IJAST/article/view/19874	SCOPUS
Identification of potential biomarkers on microarray data using distributed gene selection approach	Alok Kumar Shukla and Diwakar Tripathi	Computer Science & Engineering	Mathematical Biosciences, Elsevier 315, pp. 108230, 2019	2019-20	0025-5564	https://www.sciencedirect.com/journal/mathematical-biosciences	https://doi.org/10.1016/j.mbs.2019.108230	SCOPUS
A Hybrid framework for optimal feature subset selection	Alok Kumar Shukla, Pradeep Singh, and Manu Vardhan	Computer Science & Engineering	Journal of Intelligent & Fuzzy Systems, IOS press 36(3), pp. 2247-2259, 2019	2019-20	1064-1246	https://content.iospress.com/journals/journal-of-intelligent-and-fuzzy-systems/Pre-press/Pre-press	https://content.iospress.com/articles/journal-of-intelligent-and-fuzzy-systems/ifs169936	SCOPUS
Identification of Cancerous Gene Groups from Microarray Data by Employing Adaptive Genetic and Support Vector Machine Technique	Alok Kumar Shukla	Computer Science & Engineering	Computational Intelligence, Wiley 2019	2019-20	1467-8640	https://onlinelibrary.wiley.com/journal/14678640	https://doi.org/10.1111/coim.12245	SCOPUS
A robust method to detect car license plate using segmentation and ROI based approach	Akarsh Aggarwal, Anuj Rani, Manoj Kumar	Computer Science & Engineering	Smart and Sustainable Built Environment	2019-20	2046-6099	https://www.emerald.com/insight/publication/issn/2046-6099	https://www.emerald.com/insight/content/doi/10.1108/SASBE-07-2019-0083/full/html	SCOPUS
An Empirical Evaluation of Teaching-learning-based Optimization	Alok Kumar Shukla, Sanjeev Kumar Pippal, and Sansar Singh Chauhan	Computer Science & Engineering	International Journal of Computers and Applications	2019-20	1206212X	https://www.tandfonline.com/journals/tica20	https://doi.org/10.1080/1206212X.2019.1686562	SCOPUS
Stability Enhancement in LEACH(SE-LEACH) for WSN	Pawan Singh Mehra, M. N. Doja, B. Alam	Computer Science & Engineering	EAI Endorsed Transaction on Scalable Information System, Vol. 6, no. 20, feb 2019	2019-20	2032-9407	https://eudl.eu/journal/sis	http://dx.doi.org/10.4108/eai.13-7-2018.156592	SCOPUS
Random Forest with Harmony Search Optimization for Location Based Advertising	Vinita Rohilla, Sudeshna Chakraborty, Rajiv Kumar	Computer Science & Engineering	International Journal of Innovative Technology and Exploring Engineering (IJITEE), Vol. 8 no. 9, July 2019	2019-20	2278-3075	https://www.ijitee.org/	https://www.ijitee.org/wp-content/uploads/papers/v8i9/17761078919.pdf	SCOPUS
Prediction of Loan Approval using Machine Learning	Rajiv Kumar, Vinod Jain, PremSagar Sharma, Shashank Awasthi	Computer Science & Engineering	International Journal of Advanced Science and Technology	2019-20	ISSN: 2005-4238 (Print) 2207-6360 (Online)	<u>International Journal of Advanced Science and Technology (sercs.org)</u>	http://sercs.org/journals/index.php/IJAST/article/view/460	SCOPUS

An Intelligent System For Audio emotion recognition	Rajiv Kumar, Shivani Joshi, Shashank Awasthi	Computer Science & Engineering	International Journal of Advanced Science and Technology, Vol. 28, No. 7, page no. 442-450, 2019	2019-20	ISSN: 2005-4238 (Print) 2207-6360 (Online)	http://sersc.org/journals/index.php/IIAST/index	http://sersc.org/journals/index.php/IIAST/article/view/458	SCOPUS
Image Forensics Based on lighting estimation	Manoj Kumar, Anuj Rani, Sangeet Srivastava	Computer Science & Engineering	International Journal of Image and Graphics, Vol. 19, No. 3, pp. 1-11, July 2019	2019-20	ISSN (print): 0219-4678	https://www.worldscientific.com/worldscinet/ijig	https://doi.org/10.1142/S0219467819500141	SCOPUS
Enhanced Clustering Algorithm Based on Fuzzy Logic (E-CAFL) for WSN	Pawan Singh Mehra, Mohammad Najmud Doja, Bashir Alam	Computer Science & Engineering	Scalable Computing, Vol. 20, no.1, pp. 41-54, 2019	2019-20	1895-1767	https://www.scpce.org/index.php/scpe/index	https://doi.org/10.12694/scpe.v20i1.1443	SCOPUS
Fusion of Medical Images using a wavelet methodology: A survey	Satya Prakash yadav, Sachin Yadav	Computer Science & Engineering	IEEE Transection on Smart Processing and Computing, Vol. 8, no.4, 2019	2019-20	22875255	https://www.dbpia.co.kr/journal/voisDetail?voisId=VOIS00533451	http://www.dbpia.co.kr/journal/articleDetail?nodeId=NODE08766316&language=koKR	SCOPUS
Enabling Green Wireless Sensor Network Networks: Energy Efficient T-MAC Using Markov Chain Based optimization	Mahendra Ram, Sushil Kumar, Vinod Kumar, Ajay Sikandar, Rupak Kharel,	Computer Science & Engineering	Journal of Electronics, Vol. 8, no. 5, pp. 1-14, may 2019. [SCI-Expanded] I.F-1.76	2019-20	2079-9292	https://www.mdpi.com/journal/electronics	https://doi.org/10.3390/electronics8050534	SCOPUS
Experimental Demonstration of single Using 32*32 Pixel OLED Screen and Camera	Geetika Aggarwal, Xuewu Dai, Reza Saatchi, Richard Binns, Ajay Sikandar	Computer Science & Engineering	Journal of Electronics, Vol. 8, no. 7, pp. 1-16, June 2019. [SCI-Expanded] I.F-1.76	2019-20	2079-9292	https://www.mdpi.com/journal/electronics	https://www.mdpi.com/2079-9292/8/7/734	SCOPUS
Sunflower leaf diseases detection using image segmentation based on particle swarm optimization,	Vijai Singh	Computer Science & Engineering	Artificial Intelligence in Agriculture, Volume 3, 2019, Pages 62-68,	2019-20	2589-7217	https://www.sciencedirect.com/journal/artificial-intelligence-in-agriculture	https://doi.org/10.1016/j.iaai.2019.09.002	SCOPUS
AHP based network selection scheme for heterogeneous network in different traffic scenarios	Rajeev Agrawal	Electronics & Communication Engg.	International Journal of Information Technology (Singapore)	2019-20	2511-2104	https://www.springer.com/journal/41870	https://doi.org/10.1007/s41870-019-00352-4	SCOPUS
Identification of Microwave Radiation Effect on Copper Welded Joint with Brass as Filler Material Using Response Surface Methodology	Dwivedi, S.P., Sharma, S., Sharma, S.	Electronics & Communication Engg.	<u>Materials Performance and Characterization</u>	2019-20	ISSN: 2379-1365 E-ISSN: 2165-3992	https://www.astm.org/DIGITAL_LIBRARY/JOURNALS/MPC/index.html	https://www.astm.org/mpc20190253.html	Scopus
Design and implementation of an elastic processor with hyperthreading technology and virtualization for elastic server models	Bir, P., Karatangi, S.V., Rai, A.	Electronics & Communication Engg.	Journal of Supercomputing	2019-20	Electronic ISSN 1573-0484 Print ISSN 0920-8542	https://www.springer.com/journal/11227	https://link.springer.com/article/10.1007/s11227-020-03174-5	SCI
<u>Automatic vehicle detection using spatial time frame and object based classification</u>	Sharma, P., Singh, A., Raheja, S., Singh, K.K.	Electronics & Communication Engg.	<u>Journal of Intelligent and Fuzzy Systems</u>	2019-20	ISSN print 1064-1246 ISSN online 1875-8967	https://www.iospress.com/catalog/journals/journal-of-intelligent-fuzzy-systems	https://content.iospress.com/articles/journal-of-intelligent-and-fuzzy-systems/ifs190593	SCIE
A high gain wideband circularly polarized microstrip antenna	Kumar, A., Dwari, S., Pandey, G.P., Kanaujia, B.K., Singh, D.K.	Electronics & Communication Engg.	International Journal of Microwave and Wireless Technologies Article in Press	2019-20	ISSN: 1759-0787 (Print), 1759-0795 (Online)	https://www.cambridge.org/core/journals/international-journal-of-microwave-and-wireless-technologies	https://www.cambridge.org/core/journals/international-journal-of-microwave-and-wireless-technologies/article/high-gain-wideband-circularly-polarized-microstrip-antenna/1D399EEC9D187A681616E21D1AABB992	SCI

Effect of electromagnetic radiations on Human body	Shivam Kr Tyagi, Shilpa Choudhary, Najmuddin Khan, Awanish Kumar Kaushik	Electronics & Communication Engg.	International Journal of Advanced Science and Technology, Vol. 28, No. 7, (2019), pp. 451-454	2019-20	ISSN: 2005-4238 IJAST	http://sersc.org/journals/index.php/IJAST/issue/view/172	EFFECT OF ELECTROMAGNETIC RADIATION ON HUMAN BODY (BY CELL PHONES) International Journal of Advanced Science and Technology (sersc.org)	UGC Care
A novel method to investigate voltage stability of IEEE-14 bus wind integrated system using PSAT	N.K Sharma	Electrical and Electronics Engineering	Frontiers in Energy	2019-20	2296-598X	https://www.springer.com/journal/11708	https://doi.org/10.1007/s11708-016-0440-8	SCIE
Voltage Sag Mitigation in Distribution Line Using D-STATCOM	Jay Singh	Electrical and Electronics Engineering	International Journal of Future Generation Communication and Networking	2019-20	2233-7857	https://sersc.org/journals/	https://sersc.org/journals/index.php/IJGCN/article/view/28806/16046	Scopus
Home Automation using IoT	Kailash Sharma	Electrical and Electronics Engineering	International Journal of Innovative Technology and Exploring Engineering	2019-20	2278-3075	http://www.ijitee.org	https://www.ijitee.org/wp-content/uploads/papers/v9i9/17040079920.pdf	Scopus
Emission, Mitigation and Estimation through Solar Based Ev Charging Station	Kailash Sharma	Electrical and Electronics Engineering	International Journal of Innovative Technology and Exploring Engineering	2019-20	2278-3075	http://www.ijitee.org	https://www.ijitee.org/wp-content/uploads/papers/v9i9/17052079920.pdf	Scopus
IOT Power Theft Identification and Monitoring	Jay Singh	Electrical and Electronics Engineering	International Journal of Engineering and Advanced Technology	2019-20	2249 – 8958	https://www.ijeat.org	https://www.ijeat.org/wp-content/uploads/papers/v9i5/E1077069520.pdf	Scopus
IOT Based Weather Reporting System	Jay Singh	Electrical and Electronics Engineering	International Journal of Engineering and Advanced Technology	2019-20	2249 – 8958	https://www.ijeat.org	https://www.ijeat.org/wp-content/uploads/papers/v9i5/E1069069520.pdf	Scopus
Forest Fire Detection System using ZigBee	Shivendra Kaura	Electrical and Electronics Engineering	International Journal of Engineering and Advanced Technology	2019-20	2249-8958	https://www.ijeat.org	https://www.ijeat.org/wp-content/uploads/papers/v9i6/F1212089620.pdf	Scopus
Detection and classification of brain tumor in MRI images using wavelet transform and support vector machine	Rajat Mehrotra	Electrical and Electronics Engineering	Journal of Interdisciplinary Mathematics- Taylor & Francis	2019-20	Print ISSN: 0972-0502 Online ISSN: 2169-012X	https://www.tandfonline.com/journals/tjim20	https://doi.org/10.1080/09720502.2020.1723921	Scopus
A Novel Machine to Machine Based Health Monitoring Device using IoT	Rajat Mehrotra	Electrical and Electronics Engineering	IJITEE	2019-20	2278-3075	https://www.ijitee.org/	H6401069820 - International Journal of Innovative Technology and Exploring Engineering (IJITEE)	Scopus
Design and Fabrication of Smart Waste Collection System	Rajat Mehrotra	Electrical and Electronics Engineering	IJEAT	2019-20	2249-8958	https://www.ijeat.org	International Journal of Engineering & Advanced Technology (IJEAT)	Scopus
Intelligent Energy Meter for Optimal Energy Utilization using Mobile Communication	Rajat Mehrotra	Electrical and Electronics Engineering	IJEAT	2019-20	2249-8959	https://www.ijeat.org/	https://www.ijeat.org/wp-content/uploads/papers/v9i5/E1138069520.pdf	Scopus
Support System for Disable People	Nagendra Kumar	Electrical and Electronics Engineering	IJITEE	2019-20	2277-3878	http://www.ijitee.org	http://www.ijitee.org/wp-content/uploads/papers/v9i9/17035079920.pdf	Scopus
Microcontroller Based LPG Detector and Response System	Priyanka Datta	Electrical and Electronics Engineering	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	2019-20	2278-3075	Home - International Journal of Innovative Technology and Exploring Engineering (IJITEE)	I6951079920 - International Journal of Innovative Technology and Exploring Engineering (IJITEE)	Scopus
IOT Based Smart Agriculture Monitoring System	Priyanka Datta	Electrical and Electronics Engineering	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	2019-20	2278-3075	https://www.ijitee.org	http://www.ijitee.org/wp-content/uploads/papers/v9i9/17142079920.pdf	Scopus

Load Frequency Control in a Multi-Area Deregulated Power System with BBBC-based Discrete Fractional Order Control Scheme	Nagendra Kumar	Electrical and Electronics Engineering	WSEAS Transactions on Power Systems	2019-20	2224-350X	https://wseas.org/cms.action?id=4057	https://wseas.com/journals/articles.php?id=1165	Scopus
Feature extraction for brain tumour analysis and classification: a review	Rajat Mehrotra	Electrical and Electronics Engineering	Int. J. Digital Signals and Smart Systems,	2019-20	2398-032X	https://www.inderscience.com/home.php?code=ijds	https://www.inderscience.com/info/inarticle.php?artid=106083	Scopus
Integrated bluetooth/LTE2600 superwideband monopole antenna with triple notched (WiMAX/WLAN/DSS) band characteristics for UWB/X/Ku band wireless network applications	P.C Vashist	Information Technology	Wireless Networks	2019-20	1022-0038	https://www.springer.com/journal/11276	https://doi.org/10.1007/s11276-019-02230-0	SCIE
Nature Inspired Hybrid Optimization Algorithm for Dynamic Environment with Real Parameter Encoding"	Ashish Tripathi	Information Technology	Journal of Reliable Intelligent Environments, Vol. 5, Springer	2019-20	2199-4676	https://www.springer.com/journal/40860	https://doi.org/10.1007/s40860-019-00091-0	SCOPUS
Weighted Optimization Load Balancing Algorithm in Virtualization	Neha Tyagi	Information Technology	Journal of Engineering and Applied Sciences Year: 2019 Volume: 14 Issue: 22 Page No.: 8386-8402 DOI: 10.36478/jeasci. 2019.8386.8402	2019-20	1816-949X	https://medwelljournals.com/journalhome.php?id=1816-949x	https://medwelljournals.com/abstract/?doi=jeasci.2019.8386.8402	SCOPUS
Performance Analysis on Popularity Based, Content Based and Collaborative Filtering Utilizing Recommendation Framework	Deepkiran Munjal, Anju Gera, Pawan Singh	Master of Computer Application	International Journal of EAI Endorsed Transactions on Smart Cities	2019-20	2518-3893	https://eudl.eu/journal/sc	https://eudl.eu/pdf/10.4108/jeai.18-8-2020.166001	Web of Science
Prediction of fracture limits of Ni-Cr based alloy under warm forming condition using ductile damage models and numerical method	Ambuj Saxena	Mechanical Engineering	Transactions of Nonferrous Metals Society of China (English Edition)	2019-20	1003-6326	https://www.sciencedirect.com/journal/transactions-of-nonferrous-metals-society-of-china	https://doi.org/10.1016/S1003-6326(21)65660-1	SCIE
Intelligent hybrid approaches for ensuring better prediction of gas-assisted EDM responses	Abhishek Sharma	Mechanical Engineering	SN Applied Sciences	2019-20	2523-3971	https://www.springer.com/journal/42452	https://doi.org/10.1007/s42452-020-2654-y	ESCI
Synthesis and characterization of ball-milled eggshell and Al ₂ O ₃ reinforced hybrid green composite material	Shashi Prakash Dwivedi	Mechanical Engineering	Journal of Metals, Materials and Minerals	2019-20	8576149	https://www.jmmm.material.chula.ac.th/index.php/jmmm/index	https://doi.org/10.55713/jmmm.v30i2.680	ESCI
Surface Roughness and Material Removal Rate Behaviors of Hard Materials such as Titanium Alloy, Nickel-Based Super Alloy and Tool Steel	Shashi Prakash Dwivedi, Shailendra Singh Chauhan	Mechanical Engineering	TECNICA ITALIANA-Italian Journal of Engineering Science	2019-20	ISSN: 0040-1846	https://www.iieta.org/journals/TI-IJES	https://doi.org/10.18280/ti-ijes.642-420	SCOPUS
Effect of Inert Diluents on Adiabatic Burning Velocities of LPG-Air Mixtures	Vinod Kr. Yadav	Mechanical Engineering	ISME Journal of Thermofluids	2019-20	2581-4435	http://isme.iitd.ac.in/journals/thermofluids/	https://isme.iitd.ac.in/journals/thermofluids/files/published-published-pdf-56-ISME%20log_paper_thermofluid%20journal_revised.pdf	OTHERS
Study of surface integrity and effect of process parameters in wire electrical discharge turning of Ti-6Al-4V	Dr. Ashish Kumar Srivastava	Mechanical Engineering	Indian Journal of Engineering & Materials Sciences	2019-20	0975-1017	http://op.niscpr.res.in/index.php/IJEMS	https://nopr.niscpr.res.in/bitstream/123456789/54866/1/IJEMS%2027(2)%20267-276.pdf	SCIE
Utilization of RHA in Development of Green Composite Material using RSM	Dr. Shashi Prakash Dwivedi	Mechanical Engineering	Journal of the Mechanical Behavior of Materials	2019-20	2191-0243	https://www.degruyter.com/journal/key/jmbm/html?lang=en	https://doi.org/10.1515/jmbm-2019-0004	SCOPUS

Physical, Mechanical and Thermal Behaviour of Recycled Agro Waste GSA Reinforced Green Composite Materials	Dr. Shashi Prakash Dwivedi	Mechanical Engineering	Materials Testing	2019-20	0025-5300	https://www.degruyter.com/journal/key/mt/html?lang=en	https://doi.org/10.3139/120.111399	SCI
Utilization of RHA in Development of Hybrid Composite by Electromagnetic Stir Casting Technique using RSM	Dr. Shashi Prakash Dwivedi	Mechanical Engineering	Journal of Metals, Materials and Minerals	2019-20	2630-0508	http://www.immm.material.chula.ac.th/index.php/immm	https://pdfs.semanticscholar.org/ce47/adb6f0721830442c78298830f2144ea456b87.pdf	SCI
Optimization of Biodiesel Production and Engine Performance from Simarouba Oil in Compression Ignition Engine	Mr. Avadhesh Tyagi	Mechanical Engineering	International Journal of Oil, Gas and Coal Technology	2019-20	1753-3317	https://www.inderscience.com/home.php?code=ijogct	https://doi.org/10.1504/IJOGCT.2020.110385	SCI
Development of Bio-composite Material by Utilizing Chrome Containing Leather Waste with Al ₂ O ₃ Ceramic Particles	Dr. Shashi Prakash Dwivedi	Mechanical Engineering	Materials Research Express	2019-20	2053-1591	https://iopscience.iop.org/journal/2053-1591	https://doi.org/10.1088/2053-1591/ab3f8e	SCOPUS
Constitutive Modelling of high temperature Flow Stress of Armor Steel in Ballistic Applications: A Comparative study	Dr. Ambuj Saxena	Mechanical Engineering	Journal of Materials Engineering and Performance	2019-20	1059-9495	https://www.springer.com/journal/11665	https://doi.org/10.1007/s11665-019-04337-2	SCIE
Process parameters, development and applications of stir casted composite: A review	Mr. Nagendra Kumar Maurya	Mechanical Engineering	Materials Testing	2019-20	0025-5300	https://www.degruyter.com/journal/key/mt/html?lang=en	https://doi.org/10.3139/120.111472	SCI
Effect of SiC Reinforced Particle Parameters in the Development of Aluminium Based Metal Matrix Composite	Mr. Nagendra Kumar Maurya	Mechanical Engineering	Evergreen -	2019-20	2432-5953	http://www.tj.kyushu-u.ac.jp/evergreen/	http://hdl.handle.net/2324/2349295	SCOPUS
Fabricating Copper-Based Composite by using Waste Steel Chips and TiB ₂ Reinforcement Material	Dr. Shashi Prakash Dwivedi	Mechanical Engineering	Clay Research	2019-20	0974-4509	https://www.indianjournals.com/ijor.aspx?target=ijor:cr&type=home	http://www.indianjournals.com/ijor.aspx?target=ijor:cr&volume=38&issue=1&article=002	SCOPUS
Experimental and computational investigation on mechanical properties of reinforced additive manufactured component	Mr. Nagendra Kumar Maurya	Mechanical Engineering	Evergreen -	2019-20	2432-5953	http://www.tj.kyushu-u.ac.jp/evergreen/	http://hdl.handle.net/2324/2349296	SCOPUS
Development of bio-based lubricant from modified desert date oil (balanites aegyptiaca) with copper nanoparticles addition and their tribological analysis	Abhishek Sharma	Mechanical Engineering	Fuel	2019-20	0016-2361	https://www.sciencedirect.com/journal/fuel/vol/280/suppl/C	https://doi.org/10.1016/j.fuel.2019.116259	SCIE
Response surface methodology based optimization of air-film blade cooled gas turbine cycle for thermal performance prediction	Dr. Shivam Mishra, Abhishek Sharma	Mechanical Engineering	Applied Thermal Engineering	2019-20	1359-4311	https://www.journals.elsevier.com/applied-thermal-engineering	https://doi.org/10.1016/j.applthermaleng.2019.114425	SCIE
Utilization of Waste Saw Dust from Wood Industry in Development of Glass Fiber Epoxy Resin Hybrid Green Composite Material	Shashi Prakash Dwivedi	Mechanical Engineering	Annales de Chimie - Science des Matériaux	2019-20	1958-5934	https://www.iicta.org/journals/ACSM	https://doi.org/10.18280/acsm.430405	SCOPUS
Assessment of Hardness on AA2015/Eggshell Composite Produced Via Electromagnetic Stir casting Method	Shashi Prakash Dwivedi, Nagendra Kumar Maurya	Mechanical Engineering	Evergreen -	2019-20	2432-5953	http://www.tj.kyushu-u.ac.jp/evergreen/	https://catalog.lib.kyushu-u.ac.jp/opac_download_md/2547354/Pages_285-294.pdf	SCOPUS
Effect of MgO addition on the Physical, Mechanical and Thermal Behaviour of Al/ Si ₃ N ₄ Composite using Hybrid Casting Technique	Shashi Prakash Dwivedi	Mechanical Engineering	Journal of Ceramic Processing Research	2019-20	1229-9162	https://www.kci.go.kr/kciportal/landing/index.kci	https://www.kci.go.kr/kciportal/landing/article.kci?articleId=ART002534234	SCI

Effects of SiC Particles Parameters on the Corrosion Protection of Aluminium based Metal Matrix Composites using Response Surface Methodology	Shashi Prakash Dwivedi, Rohit Sahu	Mechanical Engineering	Jordan Journal of Mechanical and Industrial Engineering	2019-20	1995-6665	http://ijmie.hu.edu.io/	http://ijmie.hu.edu.io/vol12-4/ijmie_92_18-01.pdf	SCOPUS
Formation of Functionally Graded Hybrid Composite Materials with Al ₂ O ₃ and RHA Reinforcements using Friction Stir Process	Shashi Prakash Dwivedi	Mechanical Engineering	Australian Journal of Mechanical Engineering	2019-20	2204-2253	https://www.tandfonline.com/oc/tmec20/current	https://doi.org/10.1080/14484846.2019.1679583	SCOPUS
Microstructure and Mechanical Behaviour of Al/SiC/Agro-waste RHA Hybrid Metal Matrix Composite	Shashi Prakash Dwivedi, Ashish Kumar Srivastava, Nagendra Kumar Maurya, Rohit Sahu	Mechanical Engineering	Revue des Composites et des Matériaux Avancés	2019-20	1169-7954	https://www.iieta.org/journals/RCMA	https://doi.org/10.18280/rcma.300107	SCOPUS
Sustainability of Aluminium Oxide Nanoparticles Blended Mahua Biodiesel to the Direct Injection Diesel Engine Performance and Emission Analysis	Abhishek Sharma	Mechanical Engineering	Pollution	2019-20	2383-4501	https://jpoll.ut.ac.ir/	https://doi.org/10.22059/po.11.2019.283884.633	Scopus
Comparative study and measurement of form errors for the component printed by FDM and polyjet process	Mr. Nagendra Kumar Maurya	Mechanical Engineering	Instrumentation Mesure Metrologie	2019-20	2269-8485	https://www.iieta.org/journals/IJM	https://doi.org/10.18280/ijm.180404	SCOPUS
Two-Dimensional Analysis of tapered heat flux banner for measuring laminar burning velocity	Dr. Vinod Kumar Yadav	Mechanical Engineering	Energy Sources, Part A: Recovery, Utilization, and Environmental Effects	2019-20	1556-7230	https://www.tandfonline.com/journals/ueso20	https://doi.org/10.1080/15567036.2019.1683650	SCI
Development of the Ethyl Ester from Jatropa Oil through Response Surface Methodology Approach	Abhishek Sharma	Mechanical Engineering	Pollution	2019-20	2383-4501	https://jpoll.ut.ac.ir/	https://doi.org/10.22059/po.11.2019.284612.642	SCOPUS
Microstructure and Mechanical Properties of Al 6061/Al ₂ O ₃ /Fly-Ash Composite Fabricated Through Stir Casting	Shashi Prakash Dwivedi, Ashish Kumar Srivastava, Nagendra Kumar Maurya	Mechanical Engineering	Annales de Chimie - Science des Matériaux	2019-20	1958-5934	https://www.iieta.org/journals/ACSM	https://doi.org/10.18280/acsm.430510	SCOPUS
Sustainability of the polanga biodiesel blends during the application to the diesel engine performance and emission parameters—Taguchi and RSM approach	Abhishek Sharma, Avdhesh Tyagi	Mechanical Engineering	Journal of the Brazilian Society of Mechanical Sciences and Engineering	2019-20	1806-3691	https://www.springer.com/journal/40430/	https://doi.org/10.1007/s40430-019-2102-3	SCIE
Formation of functionally graded hybrid composite materials with Al ₂ O ₃ and RHA reinforcements using friction stir process	Shashi Prakash Dwivedi	Mechanical Engineering	Annales de Chimie - Science des Matériaux	2019-20	1448-4846	https://www.tandfonline.com/journals/tmec20	https://doi.org/10.1080/14484846.2019.1679583	SCOPUS
Physical, Mechanical and Thermal Behaviour of High Entropy Materials	Shashi Prakash Dwivedi	Mechanical Engineering	Annales de Chimie - Science des Matériaux	2019-20	1958-5934	https://www.iieta.org/journals/ACSM	https://doi.org/10.18280/acsm.440208	SCOPUS
Utilization of Chrome Containing Leather Waste in Development of Aluminium Based Green Composite Material	Shashi Prakash Dwivedi, Ashish Kumar Srivastava	Mechanical Engineering	INTERNATIONAL JOURNAL OF PRECISION ENGINEERING AND MANUFACTURING—GREEN TECHNOLOGY	2019-20	2198-0810	https://www.springer.com/journal/40684	https://doi.org/10.1007/s40684-019-00179-1	SCIE

Experimental and Computational Investigation on Dynamic Fracture Toughness (J1d) Behavior of Multi-Pass SMA Armor Steel weldments	Ambuj Saxena, Shashi Prakash Dwivedi, Ashish Kumar Srivastava, Nagendra Kumar Mauryaa	Mechanical Engineering	Theoretical and Applied Fracture Mechanics	2019-20	0167-8442	https://www.sciencedirect.com/journal/theoretical-and-applied-fracture-mechanics	https://doi.org/10.1016/j.tafmec.2020.102502	SCIE
Utilization of Recycled Hazardous Waste Bagasse as Reinforcement to Develop Green Composite Material	Shashi Prakash Dwivedi	Mechanical Engineering	World Journal of Engineering	2019-20	ISSN:1708-5284	World Journal of Engineering Emerald Insight	https://doi.org/10.1108/WJE-03-2019-0069	SCOPUS
An Overview of Mechanical Properties and Form Error for Rapid Prototyping	Nagendra Kumar Mauryaa	Mechanical Engineering	CIRP Journal of Manufacturing Science and Technology	2019-20	ISSN:1755-5817	https://www.sciencedirect.com/journal/cirp-journal-of-manufacturing-science-and-technology	https://doi.org/10.1016/j.cirpl.2020.02.003	SCIE
Development of a System to Control Flow of Coolant in Turning Operation	Rajesh Maurya, Nagendra Maurya, Shashi Prakash Dwivedi	Mechanical Engineering	Journal of Mechanical Engineering	2019-20	ISSN: 1823-5514	https://www.sv-jme.eu/	https://imeche.uitm.edu.my/wp-content/uploads/2020/04/2_RI_17_1_P19_04.pdf	SCOPUS
Effect of ball-milled MgO and Si3N4 addition on the physical, mechanical and thermal behaviour of aluminium based composite developed by hybrid casting technique	Shashi Prakash Dwivedi	Mechanical Engineering	International Journal of Cast Metals Research	2019-20	ISSN: 1364-0461 (Print) 1743-1336 (Online)	https://www.tandfonline.com/journals/ycmr20	https://doi.org/10.1080/13640461.2020.1744370	SCI
Utilization of Groundnut Shell as Reinforcement in Development of Aluminum Based Composite to Reduce Environment Pollution: a review	Shashi Prakash Dwivedi, Manish Maurya, Nagendra Kumar Maurya1, Ashish Kumar Srivastava, Ambuj Saxena	Mechanical Engineering	Evergreen -	2019-20	2432-5953	http://www.tj.kyushu-u.ac.jp/evergreen/	http://dx.doi.org/10.5109/2740937	SCOPUS
Sal biodiesel production using Indian abundant forest feedstock	Abhishek Sharma	Mechanical Engineering	Fuel	2019-20	0016-2361	https://www.sciencedirect.com/journal/fuel/vol/280/suppl/C	https://doi.org/10.1016/j.fuel.2020.117781	SCIE
Effective utilization of tobacco (Nicotiana Tabaccum) for biodiesel production and its application on diesel engine using response surface methodology approach	Abhishek Sharma	Mechanical Engineering	Fuel	2019-20	0016-2361	https://www.sciencedirect.com/journal/fuel/vol/280/suppl/C	https://doi.org/10.1016/j.fuel.2020.117793	SCIE
Experimental and Numerical Investigation of Quasi-Static (10–3 s ⁻¹) Fracture Behavior of Armor Steel	Ambuj Saxena, , Shashi Prakash Dwivedi, Ashish Kumar Srivastava, Nagendra Kumar Maurya, Mahesh Pandey	Mechanical Engineering	Arabian Journal for Science and Engineering	2019-20	1319-8025	https://www.springer.com/journal/13369	https://doi.org/10.1007/s13369-020-04519-1	SCIE
Influence of SD effect on Johnson–Cook hardening constitutive material model: Numerical and experimental investigation for armor steel	Ambuj Saxena, Shashi Prakash Dwivedi, Ashish Kumar Srivastava, Nagendra Kumar Mauryaa	Mechanical Engineering	Mechanics of Advanced Materials and Structures	2019-20	1537-6532	https://www.tandfonline.com/toc/umcm20/current	https://doi.org/10.1080/15376494.2020.1765266	SCIE

Utilization of Waste Spent Alumina Catalyst and Agro-Waste RHA as Reinforcement Materials with Scrap Aluminium alloy Wheel Matrix	Shashi Prakash Dwivedi, Ambuj Saxena	Mechanical Engineering	Journal of Process Mechanical Engineering (imeche-part E)	2019-20	9544089	https://journals.sagepub.com/home/pie	https://doi.org/10.1177/0954408920930634	SCIE
Comparative energy, exergy and economic analysis of a cascade refrigeration system incorporated with flash tank (HTC) and a flash intercooler with indirect subcooler (LTC) using natural refrigerant couples	Kaushalendra Kumar Singh	Mechanical Engineering	Sustainable Energy Technologies and Assessments	2019-20	2213-1388	https://www.journals.elsevier.com/sustainable-energy-technologies-and-assessments	https://doi.org/10.1016/j.seta.2020.100716	SCI
Experimental investigation and statistical modeling of air-assisted EDM of Al-SiC composite with an improvised tool	Abhishek Sharma	Mechanical Engineering	Journal of the Brazilian Society of Mechanical Sciences and Engineering	2019-20	1806-3691	https://www.springer.com/journal/40430/	https://doi.org/10.1007/s40430-020-02404-4	SCI
Performance and emission characteristics of the diesel engine running on neem (Azadirachta indica) biodiesel with effect of exhaust gas recirculation at optimum injection strategies	Abhishek Sharma	Mechanical Engineering	Pollution	2019-20	2383-4501	https://jpoll.ut.ac.ir/	https://doi.org/10.22059/poll.2020.300881.781	SCOPUS
Effect of distributed damping on the dynamic behaviour of flexible chassis of heavy road vehicle under standardized random road response	Ashish Gupta	Mechanical Engineering	Iranian Journal of Science and Technology, Transactions of Mechanical Engineering	2019-20	2364-1835	https://www.springer.com/journal/40997	https://doi.org/10.1007/s40997-020-00366-5	SCIE
Fabrication of Prototype Connecting rod of PLA plastic material using FDM Prototype Technology	Nagendra Kumar Maurya	Mechanical Engineering	Indian Journal of Engineering and Materials Sciences	2019-20	0975-1017	http://op.niscair.res.in/index.php/IJEMS	https://nopr.niscair.res.in/bitstream/123456789/54860/1/IJEMS%2027%28%29%20333-343.pdf	SCIE
Experimental investigation of the behaviour of a DI diesel engine fuelled with biodiesel/diesel blends having effect of raw biogas at different operating responses	Abhishek Sharma	Mechanical Engineering	Fuel	2019-20	0016-2361	https://www.sciencedirect.com/journal/fuel	https://doi.org/10.1016/j.fuel.2020.118460	SCIE
Structural analysis of a Four-bar linkage mechanism of Prosthetic knee joint using Finite Element Method	Shailendra Singh Chauhan	Mechanical Engineering	Evergreen -	2019-20	2432-5953	http://www.tj.kyushu-u.ac.jp/evergreen/	https://catalog.lib.kyushu-u.ac.jp/opac_download_md/4055220/Pages_209-215.pdf	SCOPUS
EFFECTS OF CuO/WATER NANOFLUID APPLICATION ON THERMAL PERFORMANCE OF MESH WICK HEAT PIPE	Abhishek Sharma	Mechanical Engineering	Heat Transfer Research	2019-20	2162-6561	https://www.dl.begellhouse.com/references/46784ef93dddf272f9a2e9537eeacbb_5a2ade4969ecb40b.html	https://dl.begellhouse.com/journals/46784ef93dddf272f9a2e9537eeacbb_5a2ade4969ecb40b.html	SCI
Effect of SiC nanoparticles concentration on novel feedstock Moringa Oleifera chemically treated with neopentylglycol and their tribological behavior	Abhishek Sharma	Mechanical Engineering	Fuel	2019-20	0016-2361	https://www.sciencedirect.com/journal/fuel/vol/280/suppl/C	https://doi.org/10.1016/j.fuel.2020.118630	SCIE
Structural characterization of iron doped layered YBCO superconductor	Pooja Rani, Pooja Saxena	Applied Science and Humanities	Journal of Integrated Science and Technology	2018-19	2321-4635	http://www.pubs.iscience.in/journal/index.php/jist/index	http://www.pubs.iscience.in/journal/index.php/jist/article/view/881	SCOPUS
An investigation on Transient Current characteristics in polymeric double layer Thin Films	Pooja Saxena, Prashant Shukla, M S Gaur	Applied Science and Humanities	Journal of Integrated Science and Technology	2018-19	232-4635	http://www.pubs.iscience.in/journal/index.php/jist/index	http://www.pubs.iscience.in/journal/index.php/jist/article/view/847	SCOPUS

Acomparative Study of Mohand And Elzaki Transforms	Rashmi Mishra	Applied Science and Humanities	Global Journal of Engineering Science and Researches	2018-19	2348-8034	http://www.gjesr.com/	http://www.gjesr.com/Issues%20PDF/Archive-2019/February-2019/30.pdf	UGC
Rate of approximation for (P,Q)- Durrmeyer type operators	Rupa Rani Sharma	Applied Science and Humanities	Adalya Journal	2018-19	1301-2746	https://adalyajournal.com/	41A25, 41A28.	UGC
Dielectric behaviour and Structural Characterization of polymeric double layer thin films.	Pooja Saxena, Prashant Shukla, M S Gaur	Applied Science and Humanities	Journal of applied polymer Science	2018-19	1097-4628	https://onlinelibrary.wiley.com/journal/10974628	https://doi.org/10.1002/app.47724	SCI
an efficient coloring algorithm for tme detracton of sign image segmentation based on fuzzy graph theory	Ganesh Thakur, Bandana Priya and R K Mishra	Applied Science and Humanities	Journal of Applied Security Research	2018-19	1936-1629	https://www.tandfonline.com/toc/wasr20/current	DOI:10.1080/19361610.2019.1581880	ESCI/Scopus
A Novel Fuzzy Graph theory based approach for image representation and segmentation via graph coloring	Ganesh Thakur, Bandana Priya and Sharma Pawan Kumar	Applied Science and Humanities	Journal of Applied Security Research	2018-19	1936-1629	http://www.informaworld.com/openurl?genre=journal&issn=1936-1630	https://doi.org/10.1080/19361610.2019.1545273	ESCI/Scopus
Enhanced ODR Reflection by using SiO2 exponentially graded materials for ID photonics crystals	Sanjeev Sharma, Vimal	Applied Science and Humanities	International Journal of Advanced Science and Technology	2018-19	2207-6360	http://serc.org/journals/index.php/IJAST	http://serc.org/journals/index.php/IJAST/article/view/1883	SCOPUS
Higher education sector in India: Challenges of sustainability	Rubee Singh, Archana Raj, Ankita Pratap	Applied Science and Humanities	American Journal of Research	2018-19	2573-5624	https://journalofresearch.us/	https://journalofresearch.us/wp-content/uploads/2019/05/04-16.pdf	UGC
Transient Current Characteristics in PVDF-PSF blend samples	Pooja Saxena, P. Shukla, M S Gaur	Applied Science and Humanities	Journal of Integrated Science and Technology	2018-19	2321-4635	https://pubs.science.in/journal/index.php/ijst	http://pubs.science.in/journal/index.php/ijst/article/view/817	UGC
Investigation on Optical Bistability and Excited State Absorption in Laser Grade Coumarine Dye	Pooja Rani, Pooja Saxena	Applied Science and Humanities	Journal of Integrated Science and Technology	2018-19	2321-4635	https://pubs.science.in/journal/index.php/ijst	http://pubs.science.in/journal/index.php/ijst/article/view/797	UGC
studies of benzene and toluene in ambient air of ghaziabad area of delhi NCR and their carcinogenic effect	Nidhi rani, Abhishek kumar singh	Applied Science and Humanities	International journal of Environmental chemistry	2018-19	2640-1460	https://chemical.journalspub.info/index.php?journal=JCPDS&page=index	https://chemical.journalspub.info/index.php?journal=JCPDS&page=article&op=view&path%5B%5D=546	UGC
Modeling and 3D QSAR Study of TIBO Derivatives as Potent Reverse Transcriptase Inhibitors	BRIJ K . TIWARI , KAPIL TIWARI , P.K. SAXENA, ASHISH KUMAR	Applied Science and Humanities	International Journal of Innovative Research in Engineering & Multidisciplinary Physical Sciences	2018-19	2349-7300	https://www.ijrmps.org/	https://www.ijrmps.org/research-paper.php?id=442	UGC
Erucic acid and glucosinolate variability in Brassica juncea L.	Subha Laxshmi Saikia, Gyanendra Kumar Rai, RK Salgotra, SK Rai, Monika Singh, Pk Rai	Applied Science and Humanities	International Journal of Chemical Science	2018-19	2523-2843	https://www.chemicaljournals.com/	https://www.chemjournal.com/archives/2018/vol6issue6/PartU/6-6-142-897.pdf	UGC
Ascorbate Peroxidase and Superoxide Dismutasesgenes Alteration in Tomato (Solanum Lycopersicum Mill) under Drought Stress Condition.	Rai, G.K. Mahajan, O., Kotwal, Sonalika, Bano, Muneeba., Singh, M., Rai, P.K., Sinha, B.K..	Applied Science and Humanities	International Journal of Current Microbiology and Applied Science	2018-19	2319-7706	https://www.ijcmas.com/	https://www.ijcmas.com/7-82018/Gyanendra%20Kumar%20Rai,%20et%20al.pdf	UGC
Hirarchical Cluster Analysis of Brassica juncea L. Genotype Using Morphological Traits.	Saikia, S.L., Rai, G.K., Salgotra, Rai, R.K., Singh, Monika and Rai, P.K.	Applied Science and Humanities	International Journal of Current Microbiology and Applied Science	2018-19	2319-7706	https://www.ijcmas.com/index.php	https://www.ijcmas.com/abstractview.php?ID=11047&vol=7-12-2018&SNo=85	UGC

Fatty acid profiling in Rapeseed Mustard (Brassica species)	Rai, G.K. Bagati S., Rai, P.K. Rai, S., Singh M.	Applied Science and Humanities	International Journal of Current Microbiology and Applied Science	2018-19	2319-7706	https://www.ijcmas.com/index.php	https://www.ijcmas.com/abstractview.php?ID=7720&vol=7-5-2018&SNo=19	UGC
kinetics and Mechanism of Oxidation of Mixture of Oxalic Acid and Adipic Acid by Chromic Acid in Presence of Hydrochloric Acid	Mamta Mishra	Applied Science and Humanities	Journal Pub-International Journal of Thermodynamics And Chemical	2018-19	2456-6977	https://chemical.journalspub.in/fo/index.php?journal=JTCK	http://www.ijarse.com/images/fullpdf/1513845682_863ijarse.pdf	UGC
Studies Of Optical And Electrical Properties Of Gamma Irradiated Polyethersulfone (PES) Polymer	Manvinder Singh,Arvind Mishra,Vimal Yadav, A.K.Srivastava	Applied Science and Humanities	International Journal Of Advance Reserch In Engineering Technology & Science	2018-19	9766-480	https://www.ijarets.org/	NA	UGC
Surface Morphological Study And Structural Analysis Of PES Polymer Irradiated with 1.25 Mev Gamma Ray	P.R.Deen,Manvinder Singh,A.K.Tiwari	Applied Science and Humanities	International Journal Of Advance Reserch In Engineering Technology & Science	2018-19	9766-480	https://www.ijarets.org/	NA	UGC
Optical and Chemecial Response Of 60 Mev Carbon Ion Irradiated Kapton-H Polymer	Sanjay Kumar,Ajeet Srivastava, Manvinder Singh	Applied Science and Humanities	International Journal Of Advance Reserch In Engineering Technology & Science	2018-19	9766-480	https://www.ijarets.org/	NA	UGC
An Informative Literature Review on Inventory Control System	Rashmi Mishra, Puneet Shukla	Applied Science and Humanities	Journal of Emerging Technologies and Innovative Research	2018-19	2349-5162	https://ijetir.org/?gclid=Cj0KCCQwnMwKbDlARIsAHBOftp7PAb7eTnnV3-eY-yaKPEuubS5SHKhE0kojzyxG3TCYeMSSlqrZtwaAsV9EALw_wcB	https://www.ijetir.org/view?paper=JETIRA006108	UGC
an eoq model for supply chain with variable deterioration, shortages and partial backloging	Pankaj Agrawal,Tarun Singh, Sudesh Garg	Applied Science and Humanities	Resaerch Guru	2018-19	2349-266X	https://www.researchguru.net/	https://www.researchguru.net/volume/Volume%2012/Issue%202/RG84.pdf	UGC
Relaiability estimation of a hybrid geothermal conventional power plant by using algebra of logcs	Pawan Sharma, Ganesh Thakur, Bandana Priya	Applied Science and Humanities	International journal of applied engineering and research	2018-19	9766-480	https://www.ripublication.com/ijaer.htm	https://www.ripublication.com/ijaer18/ijaerv13n20_13.pdf	UGC
Flames structure of burner stabilized laminar pre mixed flames	Vinod Kr Yadav, Prabhat Ranjan, Vijay Yadav, OM Prakash Yadav	Applied Science and Humanities	Internationla journal of engineering and technology	2018-19	2227-524X	https://www.sciencepubco.com/index.php/ijet/index	https://www.sciencepubco.com/index.php/ijet/article/view/23835	UGC
An analytical and predictive approach of statistical technique for air pollutants	Viajy Kumar Yadav, V K Yadav, P Goel, Akansha Singh	Applied Science and Humanities	Internationla journal of engineering and technology	2018-19	2227-524X	https://www.sciencepubco.com/index.php/ijet/index	https://www.sciencepubco.com/index.php/ijet/article/view/23826	UGC
Unravelling Non-Differentiable Manifold problems based on Lagrange Duality	Dr Bandana priya ,Dr Ganesh Thakur,Dr Sudesh Garg	Applied Science and Humanities	International journal of applied engineering research	2018-19	0973-9769	https://www.ripublication.com/Volume/ijaerv13n6.htm	https://www.ripublication.com/ijaer18/ijaerv13n6_39.pdf	UGC
Study of Scour around different configuration of L-Shaped Groynes in Open Channels	Devesh Tyagi and T Vijaya Kumar	Civil Engineering	IJRAR	2018-19	EISSN:2348-1269	https://www.ijrar.org/	https://ijrar.org/viewfull.php?&p_id=IJRAR19K6615	ugc
Inventory classification using multi-level association rule mining	Reshu Agarwal and Mandeep Mittal	Computer Science & Engineering	International Journal of Decision Support System Technology (IJDSST)	2018-19	1941-6296	https://www.igi-global.com/journal/international-journal-decision-support-system/1120		SCOPUS
Codeword Authenticated Key Exchange (CAKE) Light Weight Secure Routing for WSN	Pawan Singh Mehra, Mohammad Najmud Doja, Bashir Alam	Computer Science & Engineering	International Journal of Communication and Systems, Vol. 32, no. 3, pp.1-27, Dec 2018. [SCI]	2018-19	1099-1131	<u>International Journal of Communication Systems - Wiley Online Library</u>	https://onlinelibrary.wiley.com/doi/abs/10.1002/dac.3879	SCOPUS

Effect of Quarantine and Recovery on infectious nodes in Wireless Sensor Network	Shashank Awasthi	Computer Science & Engineering	International Journal of Sensors, vol.8, no.1, pp. 26-36, 2018. [SCOPUS]	2018-19	2210-3287(Online), 2210-3279(Print)	International Journal of Sensors Home :: Remedy Publications LLC	https://www.eurekaselect.com/161269/article	SCOPUS
A Novel heuristic algorithm based watermarking technique	Ankur Saxena	Computer Science & Engineering	Journal of telecommunication, electronics and Computer Engineering, 9(3-6), 2018.	2018-19	ISSN: 2180-1843 eISSN: 2289-8131	https://itec.utem.edu.my/itec	https://myjournal.mche.gov.my/public/article-view.php?id=116655	SCOPUS
Robust Information Control Panel	Pawan Kumar, Ganesh Pal	Computer Science & Engineering	International Journal of Engineering and Technology (UAE), vol. 7, no. 4.39, pp. 217-221, 2018. [Scopus]	2018-19	2227-524X	https://www.sciencepubco.com/index.php/ijet/index	https://www.sciencepubco.com/index.php/ijet/article/view/23935	SCOPUS
Path Span in VANETs Using Position Based Routing Protocol	Ritu Sharma, payal Garg, Anuj Rani	Computer Science & Engineering	International Journal of Engineering and Technology (UAE), vol. 7, no. 4.39, pp. 213-216, oct2018. [Scopus]	2018-19	2227-524X	https://www.sciencepubco.com/index.php/ijet	https://www.sciencepubco.com/index.php/ijet/article/view/23934	SCOPUS
Outlier in Data Mining: Approaches and Detection	Deepti Mishra, D. soni	Computer Science & Engineering	International Journal of Engineering and Technology (UAE), vol. 7, no. 4.39, pp. 189-198, oct2018. [Scopus]	2018-19	2227-524X	International Journal of Engineering & Technology (sciencepubco.com)	https://www.sciencepubco.com/index.php/ijet/article/view/23930	SCOPUS
prioritization Regression Testing technique: a review	Nitin Sondhi, Vimal Singh	Computer Science & Engineering	International Journal of Engineering and Technology (UAE), vol. 7, no. 4.39, pp. 177-180, oct2018. [Scopus]	2018-19	2227-524X	International Journal of Engineering & Technology (sciencepubco.com)	https://www.sciencepubco.com/index.php/ijet/article/view/23936	SCOPUS
Approach for Detection of selfish Nodes in MANET	Ishu Varshney, Bhairve Singh	Computer Science & Engineering	International Journal of Engineering and Technology (UAE), vol. 7, no. 4.39, pp. 206-209, oct2018. [Scopus]	2018-19	2227-524X	International Journal of Engineering & Technology (sciencepubco.com)	https://www.sciencepubco.com/index.php/ijet/article/view/23932	SCOPUS
Fake Currency Detection using Image Processing	Ankur Saxena Pawan Kumar Singh, Ganesh Prasad Pal, Ravi Kumar Tewari	Computer Science & Engineering	International Journal of Engineering and Technology (UAE), vol. 7, no. 4.39, pp. 199-205, oct2018. [Scopus]	2018-19	2227-524X	International Journal of Engineering & Technology (sciencepubco.com)	https://www.sciencepubco.com/index.php/ijet/article/view/23931	SCOPUS
Network Reduction Impact on Optimization Algorithms by predicting Robot Movement	Ishu Varshney, Bhairve Singh	Computer Science & Engineering	International Journal of Engineering and Technology (UAE), vol. 7, no. 4.39, pp. 210-212, oct2018. [Scopus]	2018-19	2227-524X	International Journal of Engineering & Technology (sciencepubco.com)	https://www.sciencepubco.com/index.php/ijet/article/view/23933	SCOPUS

Design a Client – side Application with Automatic Real- Time Phishing Detection Mechanism Based on the White- Lists	Shashank Awasthi	Computer Science & Engineering	International Journal of Engineering and Technology(UA E), vol. 7, no. 4.39, oct2018. [Scopus]	2018-19	2227-524X	International Journal of Engineering & Technology (sciencepubco.com)	https://www.sciencepubco.com/index.php/ijet/article/view/23828	SCOPUS
A review Study- In Image Retrieval Bridging of semantic Gap	Rajat Pratap, Arti Gautam, Annu Malik, Reshu Agarwal, Govind Kumar Rahul, Shylaja Karatangi	Computer Science & Engineering	Journal of information technology and science, Volume 4, no. 3, pp. 11-15, 2018.	2018-19	e-ISSN: 2581-849X	Journal of Information Technology and Sciences (e-ISSN: 2581-849X) (matjournals.in)	https://zenodo.org/record/1473555#.X3bqmmgzblU	SCOPUS
A methodology for the Essential Unification of RAID and Agents	Sheetu Jain	Computer Science & Engineering	Indian Journal of Science and Technology, Vol. 11, no. 48, pp.1-9, 2018.	2018-19	ISSN (Print) : 0974-6846	https://dx.doi.org/10.17485/ijst/2018/v11i48/140627	https://indjst.org/articles/a-methodology-for-the-essential-unification-of-raid-and-agents	WOS
An Intelligent Approach to Optimize Link State Routing Protocol in Vehicular Ad- Hoc Network	Bhoopendra Dwivedy, Anoop Kumar Bholia	Computer Science & Engineering	Journal of Electronics and Communication System, Volume - 3, no. 3, pp.1-10, 2018.	2018-19	2582-7804	https://matjournals.com/journal-of-Electronics-and-Communication-Systems.html	https://zenodo.org/record/1453792#.X3bslGgzblU	UGC
Fusion of Medical Images in Wavelet Domain: A Discrete Mathematical Model	Sachin Yadav	Computer Science & Engineering	Ingeniería Solidaria Journal of Engineering And Education, june 2018.[ESC]	2018-19	ISSN: 2357-6014	Ingeniería Solidaria (ucc.edu.co)	https://revistas.ucc.edu.co/index.php/in/article/view/2236	SCOPUS
The Impact of “FUZZY” models on Hardware Architecture	Pawan Kumar Singh	Computer Science & Engineering	International Journal of Science and Technology, Volume. 11, no.48, 2018.	2018-19	Print ISSN : 0974-6846 Online ISSN : 0974-5645	http://www.ijst.co.in/	https://indjst.org/articles/the-impact-of-fuzzy-models-on-hardware-and-architecture	SCOPUS
Data Aggregation in Wireless Multimedia Sensor Network: A Survey	Rajat Singhal, Pancham Singh, Pulkit Agarwal, Shashank Awasthi	Computer Science & Engineering	Recent Trends in Sensor Research and Technology, Vol. 5, no. 2, pp. 6-11, aug 2018.	2018-19	2393-8765	http://stmjournals.com/Recent-Trends-in-Sensor-Research-and-Technology.html	http://engineeringjournals.stmjournals.in/index.php/RTS/article/view/963	SCOPUS
A Novel Approach for Wireless Penetration Testing	Shashank Awasthi Mayank Prajapati, Vipul Narayan	Computer Science & Engineering	Gyancity Journal of Electronics and Computer Science, Vol. 3, pp. 11-20, sept 2018.	2018-19	ISSN:2446-2918	https://giecs.gyancity.com/	http://giecs.gyancity.com/Vol3No2/wireless_penetration_testing.pdf	SCOPUS
A Study on Sensing Text and Retrieval from Image	Shashank Awasthi, Anshum Sharma, Sangeeta Chaudhary, Mr. Ankur Saxena	Computer Science & Engineering	Gyancity Journal of Electronics and Computer Science, Vol. 3, no. 2, Pages 21-28, sep 2018.	2018-19	ISSN:2446-2918	https://giecs.gyancity.com/	https://www.giecs.gyancity.com/Vol3No2/A_STUDY_ON_SENSING_TEXT.pdf	SCOPUS
A Novel Approach for System Hacking in Windows and Linux System	Shashank Awasthi Mayank Prajapati, Vipul Narayan	Computer Science & Engineering	International Journal of Innovative Research in Engineering & Management (IJIREM), Vol. 5, no. 4, pp. 146-153, july 2018.	2018-19	2350-0557	https://www.ijirem.org/	https://www.ijirem.org/view_abstract.php?title=A-Novel-Approach-for-System-Hacking-in-Windows-And-Linux-System&year=2018&vol=5&primary=QVJULTIONw==	SCOPUS

A game-theoretic approach to maximise payoff and customer retention for differentiated services in a heterogeneous network environment	Singh, P., Agarwal, R.	Electronics & Communication Engg.	International Journal of Wireless and Mobile Computing 16(2), pp. 146-159	2018-19	ISSN online 1741-1092 ISSN print 1741-1084	https://www.inderscience.com/home.php?code=ijwmc	https://www.inderscience.com/info/inarticle.php?article=99017	Scopus
<u>Experimental Analysis on Time Varied Signal for Inconsistent Traffic in Fixed WiMAX Network</u>	Sharma, S., Singh, D.K., Awashthi, S.	Electronics & Communication Engg.	<u>International Journal of Advanced Science and Technology</u>	2018-19	ISSN: 2005-4238 IJAST	http://sersc.org/journals/index.php/ijast	http://sersc.org/journals/index.php/IJAST/article/view/461	Scopus
<u>Development of a Stand-Alone Independent Graphical User Interface for Neurological Disease Prediction with Automated Extraction and Segmentation of Gray and White Matter in Brain MRI Images</u>	Goyal, A., Tirumalasetty, S., Hossain, G., (...), Agrawal, D., Murala, S.	Electronics & Communication Engg.	<u>Journal of Healthcare Engineering</u>	2018-19	ISSN: 2040-2295 (Print) ISSN: 2040-2309 (Online)	https://www.hindawi.com/journals/jhe/	https://www.hindawi.com/journals/jhe/2019/9610212/	SCIE
Wireless Communication Technologies – A Review	Shilpa Choudhary, Smriti Sachan, Arpana Mishra, Mudita Vats	Electronics & Communication Engg.	International Journal of Emerging Technologies and Innovative Research (www.jetir.org),	2018-19	ISSN:2349+G54:G60-5162, Vol.6, Issue 4, page no.398-402, April-2019	https://www.jetir.org/	https://www.jetir.org/view?paper=JETIR1904F63	UGC Approved Journal
Channel Designing for underground Wireless Sensor Network (UWSN)	Arpana Mishra, , Shilpa Choudhary Mudita Vats, Smriti Sachan	Electronics & Communication Engg.	Journal of Emerging Technologies and Innovative Research	2018-19	ISSN-2349-5162	https://www.jetir.org/	http://www.jetir.org/view.php?papers=JETIR1905A13	UGC Approved Journal
Data Duplicity Reduction model for WSN	Shilpa Choudhary	Electronics & Communication Engg.	International Research Journal of Engineering and Technology (IRJET)	2018-19	e-ISSN: 2395-0056 p-ISSN: 2395-0072	https://www.irjet.net/	https://www.irjet.net/archives/V6/15/IRJET-V6I51028.pdf	Google Scholar
Network Selection for Maximum Coverage using Regression Analysis in Deep Fading Environment	Piyush Yadav and Rajeev Agrawal	Electronics & Communication Engg.	Wireless Personal Communications Springer	2018-19	Electronic ISSN 1572-834X Print ISSN 0929-6212	https://www.springer.com/journal/11277	https://link.springer.com/article/10.1007/s11277-019-06203-6	SCI
IMPLEMENTATION OF FULL ADDER USING CMOS AND DFAL ADIABATIC LOGIC	Amrita Rai	Electronics & Communication Engg.	Journal of Electronic Design Engineering ,vol 5,issue1;1-8p	2018-19	2581-639	https://matjournals.com/journal-of-Electronic-Design-Engineering.html	http://matjournals.in/index.php/JOEDE/article/view/3206	Google Scholar
"Multi band multi polarized reconfigurable circularly polarized monopole antenna with simple biasing network	Dinesh Kumar Singh, B. K. Kanaujia, S. Dwari, G. P. Pandey	Electronics & Communication Engg.	International Journal of Electronics and Communications (AEÜ)	2018-19	ISSN: 1434-8411	https://www.sciencedirect.com/journal/aeu-international-journal-of-electronics-and-communications	https://doi.org/10.1016/j.aeue.2018.08.016	SCI
Wide band Circularly Polarized Magneto-Electric Dipole Antenna with I-slot for C-band Applications	Abhishek Jain, Binod Kumar Kanaujia, Santanu Dwari, Ganga Prasad Pandey, Dinesh Kumar Singh	Electronics & Communication Engg.	Journal of Computational Electronics (Springer)	2018-19	Electronic ISSN 1572-8137 Print ISSN 1569-8025	https://www.springer.com/journal/10825	https://link.springer.com/article/10.1007%2Fs10825-018-01295-y	SCI
Implementation And Design Of SR Flip Flop Using Adiabatic Technique	Kirti Sharma, Himanshu Pahwa, Shylaja V Karatangi, Amrita Rai	Electronics & Communication Engg.	International journal of advance research in Science and Engineering, Vol. no-7, Special issue no-5, April 2018	2018-19	ISSN: 2319-8354	http://www.ijarse.com/indexg.html	http://www.ijarse.com/images/fullpdf/1523963911_IJMT14.pdf	Google Scholar

Dynamic Threshold MOSFET for Low Power VLSI Circuit Design	Puneet Kumar Mishra , Amrita Rai , Mayank Rai , Amit Sehgal	Electronics & Communication Engg.	International Journal of Engineering & Technology, 2018	2018-19	ISSN: 2227-524X	https://www.sciencepubco.com/index.php/ijet/about	Vol. 7 No. 4.39 (2018): Special Issue 39 International Journal of Engineering & Technology (sciencepubco.com)	SCOPUS
A Novel Approach to Design a BCD Adder Using Complimentary Logic Gate	Awanish Kaushik , Shilpa Choudhary , Divya Bhardwaj	Electronics & Communication Engg.	International Journal of Engineering & Technology, 7 (4.39) (2018) 393-395	2018-19	ISSN: 2227-524X	https://www.sciencepubco.com/index.php/ijet/about	View of A Novel Approach to Design a BCD Adder Using Complimentary Logic Gate (sciencepubco.com)	SCOPUS
Design of 2x6 Butler Matrix for Smart Antennas	Mudita Vats, Arpana Mishra, Mayank Rai, Shilpa Choudhary	Electronics & Communication Engg.	International Journal of Engineering & Technology, 7 (4.39) (2018) 401-403	2018-19	ISSN: 2227-524X	https://www.sciencepubco.com/index.php/ijet/about	Vol. 7 No. 4.39 (2018): Special Issue 39 International Journal of Engineering & Technology (sciencepubco.com)	SCOPUS
Protocols Performance Investigation using Ad Hoc WLAN for healthcare Applications	Piyush Yadav, Rajeev Agrawal, Komal Kashish	Electronics & Communication Engg.	Pertanika Journal of Science and Technology (JST), UPM Press	2018-19	ISSN: 0128-7680	http://www.pertanika.upm.edu.my/pjst/introduction	Pertanika Journal (upm.edu.my)	SCOPUS
Heterogeneous Network Access for seamless Data Transmission in Remote Healthcare	Piyush Yadav, Rajeev Agrawal, Komal Kashish	Electronics & Communication Engg.	International Journal of Grid and Distributed Computing	2018-19	ISSN: 2005-4262 (Online)	http://sersc.org/journals/index.php/ijgdc	https://doi.org/10.14257/ijgdc.2018.11.8.07	ESCI
A multihoming Based Framework Against Denial of Service Open Threat Signaling in Healthcare Environment	Piyush Yadav and Rajeev Agrawal	Electronics & Communication Engg.	International Journal of Control and Automation	2018-19	ISSN: 2005-4297	https://nadiapub.com/journals/ijca/	IJCA Vol. 11, No. 11, 2018 – NADIA (nadiapub.com)	SCOPUS
Efficient Network Selection Algorithm for Heterogeneous Networks	Rohit Kumar Gupta, Tanisk Jaiswal, Suyash Dwivedi, Aditya Kumar Kashyap, Piyush Yadav	Electronics & Communication Engg.	International Journal of Advance Research in Science and Engineering	2018-19	ISSN- 2319-8354	http://www.ijarse.com/indexing.html	https://www.ijarse.com/images/fullpdf/1523964199_IIMT23.pdf	Google Scholar
Vehicular safety using Medium Access Control and Particle Swarm Optimization	Shilpa Choudhary, Awanish Kaushik , Mudita Vats , Arpana Mishra	Electronics & Communication Engg.	International Journal of Engineering & Technology, 7 (4.39) (2018) 710-713	2018-19	ISSN: 2227-524X	https://www.sciencepubco.com/index.php/ijet/article/view/25585/13024	https://www.sciencepubco.com/index.php/ijet/article/view/25585/13024	SCOPUS
SIGNAL CONDITIONING CIRCUITS(SCC) FOR NON ELECTRICAL HEALTH CARE SENSOR INSTRUMENT	Ms Anshul Chopra,Mr Puneet kumar mishra,Dr Pankaj Pathak	Electronics & Communication Engg.	Journal of Control System and Control Instrumentation Volume 4 Issue 3	2018-19	ISSN (Online): 2229-6972. ISSN (Print): 2347-7237	https://zenodo.org/record/1453776	https://zenodo.org/record/1453776	Google Scholar
Unsupervised change detection in remote sensing images using fusion of spectral and statistical indices	Krishna Kant singh	Electronics & Communication Engg.	<u>Egyptian Journal of Remote Sensing and Space Science</u>	2018-19	ISSN: 1110-9823	https://www.sciencedirect.com/journal/the-egyptian-journal-of-remote-sensing-and-space-science	https://www.sciencedirect.com/journal/the-egyptian-journal-of-remote-sensing-and-space-science	ESCI
Prospects of open source software for maximizing the user expectations in heterogeneous network	Singh, P., Agrawal, R.	Electronics & Communication Engg.	<u>International Journal of Open Source Software and Processes</u>	2018-19	ISSN:1942-3926 EISSN:1942-3934	https://www.igi-global.com/gateway/journal/1123	https://www.igi-global.com/gateway/article/217411	SCOPUS
<u>A customer centric best connected channel model for heterogeneous and IoT networks</u>	Singh, P., Agrawal, R.	Electronics & Communication Engg.	<u>Journal of Organizational and End User Computing</u>	2018-19	ISSN:1546-2234 EISSN:1546-5012	https://www.igi-global.com/gateway/journal/1071	https://www.igi-global.com/gateway/article/210162	SCOPUS

Automatic Railway Bridge for Disabled Persons	Shivendra Kaura	Electrical and Electronics Engineering	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	2018-19	2278-3075	https://www.ijitee.org	https://www.ijitee.org/wp-content/uploads/papers/v8i8/H6736068819.pdf	Scopus
Automatic Cooking Machine using Arduino	Priyanka Datta	Electrical and Electronics Engineering	International Journal of Recent Technology and Engineering (IJRTE)	2018-19	2277-3878	https://www.ijrte.org	https://www.ijrte.org/wp-content/uploads/papers/v8i2/B1659078219.pdf	Scopus
End-to-End Packet Delay Analysis and Modeling Concept in Multi-Hop Wireless Network	Arun Pratap Srivastava	Information Technology	Indian Journal of Engineering & Technology	2018-19	2227-524X	http://www.enggjournals.com/ijet/	https://www.sciencepubco.com/index.php/ijet/article/view/23925/12014	Other
A Powerful Web Benefit Positioning Strategy by Means of Investigating Client Conduct	Arun Pratap Srivastava	Information Technology	International Journal of Engineering & Technology	2018-19	2227-524X	http://www.enggjournals.com/ijet/	https://www.sciencepubco.com/index.php/ijet/article/view/27727/14397	Other
Effectual Recommendations Using Concealed Feature Method	Arun Pratap Srivastava	Information Technology	International Journal of Engineering & Technology	2018-19	2227-524X	http://www.enggjournals.com/ijet/	https://www.sciencepubco.com/index.php/ijet/article/view/27733	other
YURI (Rid' in Comfort)	Arun Pratap Srivastava	Information Technology	International Journal of Innovative Research in Engineering & Management	2018-19	2350-0557	https://www.ijirem.org/	https://ijirem.org/DQC/6_yuri-(rid-in-comfort).pdf	UGC
Optimal ordering policy with inventory classification using data mining techniques.	Dr. Reeshu Agarwal	Master of Computer Application	Handbook of Research on Promoting Business Process Improvement Through Inventory Control Techniques	2018-19	ISBN: 9781522532323	https://www.igi-global.com/book/handbook-research-promoting-business-process/179852	https://www.igi-global.com/chapter/optimal-ordering-policy-with-inventory-classification-using-data-mining-techniques/198697	Scopus
"Recent Trends in Health Insurance Sector: Opportunities and Challenges in India"	Dr. Shivi Mittal	Master of Business Administration	International Journal of Research and Analytical Reviews (IJRAR)	2018-19	2349-5138	http://ijrar.org/viewfull.php?&p_id=IJRAR19K1793	http://ijrar.org/viewfull.php?&p_id=IJRAR19K1793	UGC
The Human Resource Accounting: An Unseen aspect of employee Turnover Ratio	Dr. Rohit Kaushik	Master of Business Administration	Global Journal Of Enterprise Information System (GJEIS),	2018-19	ISSN: 0975-153X)	https://www.gjeis.com/index.php/GJEIS/article/view/46	https://www.gjeis.com/index.php/GJEIS/article/view/46	EBSCO
"Micro-Entrepreneurship: The Role of Micro-finance and Entrepreneurship in empowering and elevating the status of Rural Women in India"	Dr. Shivi Mittal	Master of Business Administration	Global Journal Of Enterprise Information System (GJEIS),	2018-19	ISSN: 0975-153X)	https://www.gjeis.com/index.php/GJEIS/article/view/47	https://www.gjeis.com/index.php/GJEIS/article/view/47	EBSCO
A Review paper on brands evolved form previous brands	VATS.RUCHIKA	Master of Business Administration	International Journal of Management And Social Science Research Review (IJMSRR-UGC)	2018-19	ISSN:2349-6746	http://ijmsrr.com/admin/archive.php?m=072018	http://ijmsrr.com/admin/archive.php?m=072018	UGC
Genetic Model for Supply Chain Inventory Optimization.	Dr. Reeshu Agarwal	Master of Computer Application	International Journal of Supply Chain and Operations Resilience	2018-19	ISSN : 2052-8698	https://iopscience.iop.org/article/10.1088/1742-6596/2007/1/012055	https://www.inderscience.com/info/inarticle.php?artid=93280	Other
Ordering Policy using multi-level association rule mining.	Dr. Reeshu Agarwal	Master of Computer Application	International Journal of Information Systems and Supply Chain Management	2018-19	ISSN: 1935-5726	https://www.igi-global.com/journal/international-journal-information-systems-supply/1097	https://www.igi-global.com/article/ordering-policy-using-multi-level-association-rule-mining/211220	Web of Science Emerging Sources Citation Index (ESCI), SCOPUS

Design and Implementation of Smart Market Infrastructure	Dr. Reeshu Agarwal	Master of Computer Application	Journal of Microcontroller Engineering and Applications	2018-19	ISSN: 2455-197X	http://stmjournals.com/Journal-of-Microcontroller-Engineering-and-Applications.html	http://engineeringjournals.stmjournals.in/index.php/JoMEA/article/view/596	Other
Metric based Self Assessing Internal Architecture for Security Cloud(MESASIA)	Mr.Deepak Gupta	Master of Computer Application	IJRD	2018-19	ISSN: 2455-7838	https://eprajournals.com/IJSR/about	https://eprajournals.com/panel/uploads/120pm_15.Deepak%20Gupta-2799-1.pdf	Other
Status of biofuel in India with production and performance characteristics: a review	Abhishek Sharma	Mechanical Engineering	International Journal of Ambient Energy	2018-19	2162-8248	https://www.tandfonline.com/journals/taen22	https://doi.org/10.1080/01430750.2019.1630298	SCOPUS
Application of artificial neural networks for the fault detection and diagnosis of active magnetic bearings	Dr. Satish Chand	Mechanical Engineering	International Journal of Mechatronics and Automation	2018-19	2045-1067	https://www.inderscienceonline.com/journal/ijma	10.1504/IJMA.2018.094489	SCOPUS
FRICITION AND ADHESIVE WEAR STUDY OF HVOF SPRAYED Ni-WC-Co-BASED POWDER COATING	Dr. Shashi Prakash Dwivedi	Mechanical Engineering	Powder metallurgy and Metal Ceramics	2018-19	1573-9066	https://www.springer.com/journal/11106	https://link.springer.com/article/10.1007/s11106-018-9987-8	SCIE
Hardness measurement of surfaces on hybrid metal matrix composite created by turning using abrasive water jet and WED	Dr. Ashish Kumar Srivastava	Mechanical Engineering	Measurement	2018-19	0263-2241	https://www.journals.elsevier.com/measurement	https://doi.org/10.1016/j.measurement.2018.09.026	SCIE
Surface integrity in wire-EDM tangential turning of in-situ hybrid metal matrix composite A359/B4C/Al2O3	Dr. Ashish Kumar Srivastava	Mechanical Engineering	Science and Engineering of Composite Materials	2018-19	2191-0359	https://www.degruyter.com/journal/kev/secm/html?lang=en	https://doi.org/10.1515/secm-2017-0391	SCIE
Performance and emission analysis of a diesel engine implementing polanga biodiesel and optimization using taguchi method	Abhishek Sharma	Mechanical Engineering	Process safety and environment protection	2018-19	0957-5820	https://www.sciencedirect.com/journal/process-safety-and-environmental-protection	https://doi.org/10.1016/j.psep.2018.09.009	SCI
Optimization of diesel input parameters running on plonga biodiesel to improve performance and exhaust emission using MOORA technique with standard deviation	Abhishek Sharma	Mechanical Engineering	ENERGY SOURCE: PART A	2018-19	1556-7230	https://www.tandfonline.com/journals/ueso20	https://doi.org/10.1080/15567036.2018.1511647	SCI
Prospects of inedible plant oil driven bio-lubricants for an automotive application –A review	Abhishek Sharma	Mechanical Engineering	International journal of ambient energy	2018-19	0143-0750	https://www.tandfonline.com/journals/taen20	https://doi.org/10.1080/01430750.2018.1517684	SCI
Optimization of performance and emission parameters of direct injection diesel engine fuelled with pongamia methyl esters-response surface methodology approach	Abhishek Sharma	Mechanical Engineering	Industrial Crops and Products	2018-19	0926-6690	https://www.sciencedirect.com/journal/industrial-crops-and-products	https://doi.org/10.1016/j.indcrop.2018.10.035	SCOPUS
Numerical and experimental investigation of hydrogen enrichment	Mr.Vinod Yadav	Mechanical Engineering	International journal of renewable energy research	2018-19	1309-0127	https://www.ijrer.org/ijrer/index.php/ijrer	https://www.ijrer.org/ijrer/index.php/ijrer/article/view/7562	SCOPUS
Experimental and computational investigation of laminar burning velocity	Dr. Vinod Kr. Yadav	Mechanical Engineering	Fuel	2018-19	0016-2361	https://www.sciencedirect.com/journal/fuel	https://doi.org/10.1016/j.fuel.2018.08.068	SCIE
Stiffness mapping of a 12 dof parallel manipulator with flexible base and top platforms	Dr. V. R. Mishra	Mechanical Engineering	International Journal of Engineering and Technology(UA E)	2018-19	2227-524X	https://www.sciencepubco.com/index.php/ijet	https://www.sciencepubco.com/index.php/ijet/article/view/24359	J-GATE
Application of Central Composite Design in Turning Operation of Composite Material for Better Surface Finish with Appropriate Rake Angle	Shashi Prakash Dwivedi, Abhishek Sharma, V.R. Mishra, Ashish Kumar Srivastava	Mechanical Engineering	International Journal of Engineering and Technology(UA E)	2018-19	2227-524X	https://www.sciencepubco.com/index.php/ijet	https://www.sciencepubco.com/index.php/ijet/issue/view/432	J-GATE

Microstructure and Mechanical Behaviour of SiC and MgO Reinforced Aluminium Based Composite	Shashi Prakash Dwivedi, Rohit Sahu, Abhishek Sharma, V.R. Mishra	Mechanical Engineering	International Journal of Engineering and Technology(UA E)	2018-19	2227-524X	https://www.sciencepubco.com/index.php/ijet	https://www.sciencepubco.com/index.php/ijet/issue/view/432	J-GATE
Effects of Friction Stir Welding Parameters on Hardness of Welded Al 6082 and Al 8011 Plates	S.P. Dwivedi	Mechanical Engineering	International Journal of Engineering and Technology(UA E)	2018-19	2227-524X	https://www.sciencepubco.com/index.php/ijet/index	Effects of Friction Stir Welding Parameters on Hardness of Welded Al 6082 and Al 8011 Plates International Journal of Engineering & Technology (sciencepubco.com)	J-GATE
Hardness of Welded Al 6082 and Al 8011 Plates by Controlling Tilt Angle of Tool in FSW	S.P. Dwivedi	Mechanical Engineering	International Journal of Engineering and Technology(UA E)	2018-19	2227-524X	https://www.sciencepubco.com/index.php/ijet/index	Hardness of Welded Al 6082 and Al 8011 Plates by Controlling Tilt Angle of Tool in FSW International Journal of Engineering & Technology (sciencepubco.com)	J-GATE
Cogeneration Possibilities in Academic Institutions: An Experimental Study	Sumit Tiwari, Ashish Gupta, Om Prakash Yadav	Mechanical Engineering	International Journal of Engineering and Technology(UA E)	2018-19	2227-524X	https://www.sciencepubco.com/index.php/ijet/index	Cogeneration Possibilities in Academic Institutions: an Experimental Study International Journal of Engineering & Technology (sciencepubco.com)	J-GATE
Study of building aerodynamics for designing natural ventilation system	Anuj Gupta, Bhavyanidhi Vats , Anwer Ahmed, Sushant Verma, Vipul Kumar Sharma	Mechanical Engineering	International Journal of Engineering and Technology(UA E)	2018-19	2227-524X	https://www.sciencepubco.com/index.php/ijet/index	Study of Building Aerodynamics for Designing Natural Ventilation System International Journal of Engineering & Technology (sciencepubco.com)	J-GATE
FEM Formulation to Solve Hyperelastic Problem upto Large Strain	Sushant Verma, Anwer Ahmed, Vipul Kumar Sharma, Anuj Gupta	Mechanical Engineering	International Journal of Engineering and Technology(UA E)	2018-19	2227-524X	https://www.sciencepubco.com/index.php/ijet/index	FEM Formulation to Solve Hyperelastic Problem up to Large Strain International Journal of Engineering & Technology (sciencepubco.com)	J-GATE
A review on role of Biofuel in India- Potential & Technology	Vipul Kumar Sharma, Anuj Gupta, Anwer Ahmed, Sushant Verma	Mechanical Engineering	International Journal of Engineering and Technology(UA E)	2018-19	2227-524X	https://www.sciencepubco.com/index.php/ijet/index	A review on Role of Biofuel in India- Potential & Technology International Journal of Engineering & Technology (sciencepubco.com)	J-GATE
Optimal Design of Heavy Vehicle Suspension System Subjected to Random Road Input	Ashish Gupta, Sumit Tiwari, Nagendra Maurya	Mechanical Engineering	International Journal of Engineering and Technology(UA E)	2018-19	2227-524X	https://www.sciencepubco.com/index.php/ijet/index	Optimal Design of Heavy Vehicle Suspension System Subjected to Random Road Input International Journal of Engineering & Technology (sciencepubco.com)	J-GATE
An Experimental Investigations for improving part strength in Fused Deposition Modeling	Nagendra Kumar Maurya,	Mechanical Engineering	International Journal of Engineering and Technology(UA E)	2018-19	2227-524X	https://www.sciencepubco.com/index.php/ijet/index	An Experimental Investigations for Improving Part Strength in Fused Deposition Modeling International Journal of Engineering & Technology (sciencepubco.com)	J-GATE
Fabrication and Experimental Analysis of Geothermal Energy Resources	Sushil Kumar Madheshiya ¹ , V. R. Mishra, Rohit sahu, Pradeep kumar sharma, avdhesh tyagi	Mechanical Engineering	International Journal of Engineering and Technology(UA E)	2018-19	2227-524X	https://www.sciencepubco.com/index.php/ijet/index	https://www.sciencepubco.com/index.php/ijet/article/view/23829	J-GATE
An Introduction to Hybrid Machining Technology	Anwer Ahmed, Sushant Verma, Vipul Kumar Sharma Anuj Gupta	Mechanical Engineering	International Journal of Engineering and Technology(UA E)	2018-19	2227-524X	https://www.sciencepubco.com/index.php/ijet/index	An Introduction to Hybrid Machining Technology International Journal of Engineering & Technology (sciencepubco.com)	J-GATE
Optimum Selection of Process Parameters in EN-31Alloy Steel for Surface Roughness and MRR using Taguchi Method	Rajesh Kumar Maurya, M.S.Niranjan, Nagendra Kumar Maurya	Mechanical Engineering	International Journal of Engineering and Technology(UA E)	2018-19	2227-524X	https://www.sciencepubco.com/index.php/ijet/index	Optimum Selection of Process Parameters in EN-31Alloy Steel for Surface Roughness and MRR using Taguchi Method International Journal of Engineering & Technology (sciencepubco.com)	J-GATE

Experimental Investigation of Counter Flow Heat Exchanger with Swirling	Omprakash Yadav, Vinod Kumar Yadav, Sumit Tiwari	Mechanical Engineering	International Journal of Engineering and Technology(UA E)	2018-19	2227-524X	https://www.sciencepubco.com/index.php/ijet/index	https://www.sciencepubco.com/index.php/ijet/article/view/23834	J-GATE
INFLUENCE OF SLIDING SPEED ON THE TRIBOLOGICAL CHARACTERISTICS OF PONGAMIA OIL WITH TIO2 NANOPARTICLES	Abhishek Sharma, S.P. Dwivedi, V.R.Mishra, Ashish Kumar Srivastava	Mechanical Engineering	International Journal of Engineering and Technology(UA E)	2018-19	2227-524X	https://www.sciencepubco.com/index.php/ijet/index	https://www.sciencepubco.com/index.php/ijet/article/view/23830	J-GATE
EFFECT OF ALUMINA NANOPARTICLES AS ADDITIVE ON THE FRICTION AND WEAR BEHAVIOR OF POLANGA BASED LUBRICANT	Abhishek Sharma, S.P. Dwivedi, Ashish Kumar Srivastava	Mechanical Engineering	International Journal of Engineering and Technology(UA E)	2018-19	2227-524X	https://www.sciencepubco.com/index.php/ijet/index	Effect of Alumina NANOPARTICLES as Additive on the Friction and Wear Behavior of POLANGA based Lubricant International Journal of Engineering & Technology (sciencepubco.com)	J-GATE
Influence of power additives in liquid and gaseous dielectric fluids on Electrical Discharge Machining with aerospace sector applications-A Review	Abhishek Sharma, V.R. Mishra, S. P. Dwivedi	Mechanical Engineering	International Journal of Engineering and Technology(UA E)	2018-19	2227-524X	https://www.sciencepubco.com/index.php/ijet/index	https://www.sciencepubco.com/index.php/ijet/article/view/23831	J-GATE
DESIGN OF FIXED WING UNMANNED AERIAL VEHICLE BASED ON MAGNIFICENT FRIGATEBIRD	Abhishek Sharma	Mechanical Engineering	International Journal of Engineering and Technology(UA E)	2018-19	2227-524X	https://www.sciencepubco.com/index.php/ijet/index	https://www.sciencepubco.com/index.php/ijet/article/view/23833	J-GATE
APPROACH FOR MACHINE HEALTH MONITORING SYSTEM OF A MACHINE	Abhishek Sharma, V.R. Mishra	Mechanical Engineering	International Journal of Engineering and Technology(UA E)	2018-19	2227-524X	https://www.sciencepubco.com/index.php/ijet/index	Approach for Machine Health Monitoring System of a Machine International Journal of Engineering & Technology (sciencepubco.com)	J-GATE
Buckling of Circular Cylinder under Axial Load	Sandeep Chauhan, Azad Ahmad	Mechanical Engineering	International Journal of Engineering and Technology(UA E)	2018-19	2227-524X	https://www.sciencepubco.com/index.php/ijet/index	Buckling of Circular Cylinder under Axial Load International Journal of Engineering & Technology (sciencepubco.com)	J-GATE
A DESCRIPTION OF SURFACES CREATED ON THE HYBRID MMC BY THE AWJ CUTTING TECHNOLOGY	Dr. Ashish Kumar Srivastava	Mechanical Engineering	International Journal of Mechanical and Production Engineering Research and Development	2018-19	2249-8001	http://www.tjprc.org/journals/journal-of-mechanical-engineering	tjprc.org/view_full_paper.php?id=10806&type=html	SCOPUS
STATISTICAL OPTIMIZATION OF WIRE-EDM DURING PROCESSING OF HYBRID MMC	Dr. Ashish Kumar Srivastava	Mechanical Engineering	International Journal of Mechanical and Production	2018-19	2249-8001	http://www.tjprc.org/journals/journal-of-mechanical-engineering	http://paper.researchbib.com/view_paper/201118	SCOPUS
Optimization of diesel engine performance and emission parameters employing cassia tora methyl esters-response surface methodology approach	Dr. Abhishek Sharma	Mechanical Engineering	Energy	2018-19	0360-5442	https://www.journals.elsevier.com/energy	https://doi.org/10.1016/j.energy.2018.12.013	SCI
Experimental Investigation of Solar Room Heater for Commercial Purpose	V. R. Mishra, Akash Nigam Saurabh Kushwaha6	Mechanical Engineering	International Journal of Engineering and Technology(UA E)	2018-19	2227-524X	https://www.sciencepubco.com/index.php/ijet	https://www.sciencepubco.com/index.php/ijet/article/view/25587	UGC
Comparative Assessment of Performance and Emission Characteristics of a C.I. Engine Using Biodiesel and Gtl (Gas to Liquid) Fuel	Anurag Tripathi , V.R. Mishra , Akash Nigam	Mechanical Engineering	International Journal of Engineering and Technology(UA E)	2018-19	2227-524X	https://www.sciencepubco.com/index.php/ijet	Comparative Assessment of Performance and Emission Characteristics of a C.I. Engine Using Biodiesel and Gtl (Gas to Liquid) Fuel International Journal of Engineering & Technology (sciencepubco.com)	UGC
Influence of Supply Chain Management on Production Cost and Productivity-A Case Study	Akash Nigam	Mechanical Engineering	International Journal of Engineering and Technology(UA E)	2018-19	2227-524X	https://www.sciencepubco.com/index.php/ijet	Influence of Supply Chain Management on Production Cost and Productivity-A Case Study International Journal of Engineering & Technology (sciencepubco.com)	UGC

Utilization of waste eggshell to reduce soil pollution in development of composite using central composite design	Dr. Shashi Prakash Dwivedi	Mechanical Engineering	Revue des Composites et des Matériaux Avancés	2018-19	1169-7954	https://www.iieta.org/journals/RCMA	https://www.iieta.org/journals/rcma/paper/10.3166/RCMA.28.421-438	SCOPUS
Effect of Magnesium Addition on Mechanical Properties of Al -Fly Ash Green Composite Produced under Green Ultrasonic Vibration Process	Dr. Shashi Prakash Dwivedi	Mechanical Engineering	INTERNATIONAL JOURNAL OF PRECISION ENGINEERING AND MANUFACTURING-GREEN TECHNOLOGY	2018-19	2198-0810	https://www.springer.com/journal/40684	https://doi.org/10.1007/s40684-019-00044-1	SCIE
Physico-chemical, Mechanical and Thermal Behaviour of Agro Waste RHA Reinforced Green Emerging Composite Material	Shashi Prakash Dwivedi, V. R. Mishra	Mechanical Engineering	Arabian Journal for Science and Engineering	2018-19	2191-4281	https://www.springer.com/journal/13369	https://doi.org/10.1007/s13369-019-03784-z	SCIE
Effect of fuel injection pressure and timing on Polanga (Calophyllum Inophyllum) biodiesel blends for engine performance and emissions analysis	Dr. Abhishek Sharma	Mechanical Engineering	ENERGY SOURCE: PART A	2018-19	1556-7230	https://www.tandfonline.com/journals/ueso20	https://doi.org/10.1080/15567036.2019.1583696	SCI
Status of Bio Fuel in India with Production and Performance Characteristics: A Review	Dr. Abhishek Sharma	Mechanical Engineering	International journal of Ambient Energy	2018-19	0143-0750	https://www.tandfonline.com/toc/taen20/current	https://doi.org/10.1080/01430750.2019.1630298	SCI
Utilization of Organic Waste and Inorganic Waste in Development of Green Hybrid Composite Material	Dr. Shashi Prakash Dwivedi	Mechanical Engineering	Materials Performance and Characterization	2018-19	2379-1365	Materials Performance and Characterization (astm.org)	Utilization of Organic Waste and Inorganic Waste in Development of Green Hybrid Composite Material (astm.org)	SCIE
Experimental studies on performance and exhaust emission characteristics of a diesel engine fuelled with diesel-linseed oil methyl ester (LOME) blends	Dr. Abhishek Sharma	Mechanical Engineering	Energy Sources, Part A: Recovery, Utilization, and Environmental Effects	2018-19	1556-7230	https://www.tandfonline.com/toc/ueso20/current	https://doi.org/10.1080/15567036.2019.1632978	SCI
Comparative study of statistical and soft computing based predictive models for material removal rate and surface roughness during helium-assisted EDM of D3 die steel	Dr. Abhishek Sharma	Mechanical Engineering	SN Applied Sciences	2018-19	2523-3971	https://www.springer.com/journal/42452	https://doi.org/10.1007/s42452-019-0545-x	Scopus
Effect of biogas on the performance and emissions of diesel engine fuelled with biodiesel-ethanol blends through response surface methodology approach	Dr. Abhishek Sharma	Mechanical Engineering	Renewable Energy	2018-19	0957-5820	https://www.journals.elsevier.com/renewable-energy	https://doi.org/10.1016/j.renene.2019.04.031	SCI
Energy, Exergy and Emission Performance Analysis of Air-Film Blade Cooled Turbo Prop Turbine for Heavy Duty Cargo Aircrafts	Dr. Shivam Mishra	Mechanical Engineering	SAE Technical Papers	2018-19	1487191	https://www.sae.org/publications/collections/content/dlibtp	https://doi.org/10.4271/2019-01-1389	Scopus
Non-edible vegetable oil-based feedstocks capable of bio-lubricant production for automotive sector applications—a review	Dr. Abhishek Sharma	Mechanical Engineering	Environmental Science and Pollution Research	2018-19	9441344	https://www.springer.com/journal/11356	https://doi.org/10.1007/s11356-019-05000-9	SCI
Application of Response Surface Methodology to Optimize Diesel Engine Parameters fuelled with Pongamia Biodiesel/Diesel Blends	Dr. Abhishek Sharma	Mechanical Engineering	ENERGY SOURCE: PART A	2018-19	1556-7230	https://www.tandfonline.com/journals/ueso20	https://doi.org/10.1080/15567036.2019.1623949	SCI

Effect of addition of copper nanoparticles on the tribological behavior of macadamia oil at different sliding speeds	Dr. Abhishek Sharma	Mechanical Engineering	Energy Sources, Part A: Recovery, Utilization, and Environmental Effects	2018-19	1556-7230	https://www.tandfonline.com/journals/ueso20	https://doi.org/10.1080/15567036.2019.1582734	SCI
Sustainability of jojoba biodiesel/diesel blends for DI diesel engine applications- taguchi and response surface methodology concept	Dr. Abhishek Sharma	Mechanical Engineering	Industrial Crops and Products	2018-19	0926-6690	https://www.journals.elsevier.com/industrial-crops-and-products	https://doi.org/10.1016/i.indcrop.2019.111587	Scopus
Effect of Uncarbonized Eggshell Weight Percentage on Mechanical properties of Green Composite Material Developed by Electromagnetic Stir Casting Technique	Dr. Shashi Prakash Dwivedi and Nagendra maurya	Mechanical Engineering	Revue des Composites et des Matériaux Avancés	2018-19	1169-7954	https://www.iieta.org/journals/RCMA	https://doi.org/10.18280/rcma.290205	Scopus
Preparation microstructure and relaxor ferroelectric characteristics of BLNT-BCT lead free piezoceramics	Pal V, Kumar A, Thakur OP, Dwivedi RK, Prasad NE	Applied Science and Humanities	Journal of Alloys and Compounds	2017-18	1873-4669	https://www.sciencedirect.com/journal/journal-of-alloys-and-compounds	https://www.sciencedirect.com/article/abs/pii/S0925838817314457	SCI
Synthesis, Spectral Characterization and Biocidal Activities of Triphenyl Antimony (V) Halide and Methoxide Complexes	Ashish Kumar ,Brij Kishore Tiwari Tasneem Sultan, Narendra Deo Pandey Sahid Suhail Narvi	Applied Science and Humanities	International Journal of Chemical Synthesis & Chemical Reactions	2017-18	2582-5917	https://chemical.journalspub.info/index.php?journal=JCSCR	https://chemical.journalspub.info/index.php?journal=JCSCR&page=article&op=view&path%5B%5D=273	UGC
Anti-tubercular activity of dioxo molybdenum (VI) metal complexes of 2-((E)-(1,5-dimethyl-2-phenyl-3-((Z)-(quinoline-8-ylimino)methyl)-2,3-dihydro-1H-pyrazole-4-ylimino)methyl)phenol	Ashish Kumar ,Brij Kishore Tiwari Tasneem Sultan, Anuj Sharma	Applied Science and Humanities	International Journal of Chemical Synthesis & Chemical Reactions	2017-18	2582-5917	https://chemical.journalspub.info/index.php?journal=JCSCR	https://www.academia.edu/35735217/Anti-tubercular_Activity_of_Dioxo_Molybdenum_VI_Metal_Complexes_of_2-((E)-(1,5-Dimethyl-2-phenyl-3-((Z)-(quinoline-8-ylimino)methyl)-2,3-dihydro-1H-pyrazole-4-ylimino)methyl)phenol	UGC
Minimize the Cost of Two-Tier Cellular Network Using Genetic Algorithm	Pankaj Goel and D. K. Lobiyal	Applied Science and Humanities	Malaya Journal of Matematik	2017-18	0974-5572	https://www.malayajournal.org/archive/	https://doi.org/10.26637/MJM0501/03	UGC
Modeling of Two-Tier Cellular Network Using Channel Sub Rating CAC	Pankaj Goel and D. K. Lobiyal	Applied Science and Humanities	International Journal of Emerging Technology and Advanced Engineering	2017-18	2250-2459	https://ijctet.org/	https://ijctet.org/assets/upload/5785UJCTET41280204.pdf	UGC
Cavity Model Based Analysis of Gunn Loaded Annular Ring Microstrip Patch Antenna	Arvind Mishra1 , Km Pankaj2 , B P Singh	Applied Science and Humanities	International Journal of Applied Science & Technology Research Excellence	2017-18	2250-2726	IJARSE - UGC Approved Journal	http://www.ijarse.com/images/fulpdf/1498203167_IJMT_326_ijarse.pdf	UGC
Effect of ionised plasma medium on radiation characteristic of 6*6 element planar array of circular patch microstrip antenna.	Km Pankaj, Arvind Mishra, B P Sing	Applied Science and Humanities	International Journal of Advance Research in Science & Engineering	2017-18	2250-2726	http://www.ijarse.com/	http://www.ijarse.com/images/fulpdf/1498302429_IJMT_329_ijarse.pdf	UGC
A study of Mental Attitude of Engineering college Teachers towards their profession of private Engineering colleges of Ghaziabad	Dr Ganesh K. Thakur,Dr Bandana priya ,Mr Pawan Sharma Mrs Mamta Bhardwaj and Rishu Gupta	Applied Science and Humanities	International journal of Emerging Technology and Advanced Engineering	2017-18	2250-2459			UGC
Mathematical Implementation of fusion of medical images in continuous wavelet domain	Satya Prakash Yadav, SachinYadav	Computer Science & Engineering	Journal of Advanced Research in dynamical and control system	2017-18	1943-023X	https://ores.su/en/journals/journal-of-advanced-research-in-dynamical-and-control-systems/	https://www.researchgate.net/publication/330752161_Mathematical_Implementation_of_Fusion_of_Medical_Images_in_Continuous_Wavelet_Domain	SCOPUS

Study of Image Enhancement Techniques Using Histogram Equalization	Gunjan Bansal, Sachin Yadav	Computer Science & Engineering	International Journal of Advances In Engineering Research, Volume. 14, No. 1, July 2017.	2017-18	2231-5152	https://www.ijaer.com/	https://ijaer.com/admin/upload/1547448009_Gunjan_Bansal_3.pdf	SCOPUS
Secure Key Management schemes for optimizing the Energy of Manets	Inderpreet Kaur, A.L.N Rao	Computer Science & Engineering	International Journal of Computer Science and Information Security, October 2017.[Scopus]	2017-18	1947-5500	https://independent.academia.edu/JournalofComputerScienceIJCIS/	https://www.academia.edu/35334360/Secure_Key_Management_schemes_for_optimizing_the_Energy_of_Manets	SCOPUS
A Review on Implementation of Digital Filters on FPGA	Seema Nayak and Amrita Rai	Electronics & Communication Engg.	International journal of advance research in Science and Engineering, Vol. no-7, Special issue no-5, April 2018	2017-18	ISSN: 2319-8354	http://www.ijarse.com/indexing.html	http://www.ijarse.com/images/fullpdf/1523964415_IJMT24.pdf	Google Scholar
Design and Analysis of Low Noise Optimization Amplifier Using Reconfigurable Slotted Patch Antenna	Dinesh Kumar Singh, Anil Kumar Gautam	Electronics & Communication Engg.	Wireless Personal Communications	2017-18	Electronic ISSN 1572-834X Print ISSN 0929-6212	https://www.springer.com/journal/11277	https://link.springer.com/article/10.1007%2Fs11277-017-4774-2	SCI
A Review on Evaluation of BER in CDMA using SGA Technique	Smriti Sachan, Ajmeet Singh, Rajveer Marwal	Electronics & Communication Engg.	International Journal of Recent and Innovations Trends in Computing and Communication	2017-18	ISSN: 2321-8169	https://ijritcc.org/index.php/ijritcc/indexing	https://ijritcc.org/download/1458725784_23-03-2016.pdf	Google scholar
Real Assessment of State Owned Indian Electric Utilities	Jay Singh	Electrical and Electronics Engineering	Advances in Energy and Power Systems	2017-18	1876-1100	https://link.springer.com/book/10.1007/978-981-13-0662-4	https://link.springer.com/chapter/10.1007/978-981-13-0662-4_8	Scopus
Modelling and Analysis of Novel Topology for Multilevel Inverter With Reduce Number of Switches	Shivendra Kaura	Electrical and Electronics Engineering	International Journal of Engineering & Technology	2017-18	2278-3075	https://www.sciencepubco.com/index.php/ijet/article/view/20111	https://doi.org/10.14419/ijet.v7i4.5.20111	Scopus
Design and implementation of automatic car washing system using PLC	Shivendra Kaura	Electrical and Electronics Engineering	International Research Journal of Engineering and Technology (IRJET)	2017-18	2395-0056	https://www.irjet.net	https://www.irjet.net/archives/V5/i5/IRJET-V5I5933.pdf	Google Scholar
Wireless And Automatic Bomb Detection And Disposal Robot	Shivendra Kaura	Electrical and Electronics Engineering	International Research Journal of Engineering and Technology (IRJET)	2017-18	2395-0056	https://www.irjet.net	https://www.irjet.net/archives/V5/i5/IRJET-V5I5799.pdf	Google Scholar
ARCHITECTURE FOR OVERLOAD PROTECTION IN ELECTRICAL CIRCUITS	Kailash Sharma	Electrical and Electronics Engineering	JETIR	2017-18	2349-5162	http://www.jetir.org	http://www.jetir.org/papers/JETIR1605020.pdf	Google Scholar
Electrification in Rural Areas Using Realistic Equipments	Jay Singh	Electrical and Electronics Engineering	Int. Journal of Engineering & Technology	2017-18	2227-524X	https://www.sciencepubco.com/index.php/ijet/pages/view/indexing	https://www.sciencepubco.com/index.php/ijet/article/view/23965	Scopus
A Mixed Approach for Approximation of Higher Order Linear Time Invariant Systems	Jay Singh	Electrical and Electronics Engineering	Int. Journal of Engineering & Technology	2017-18	2227-524X	https://www.sciencepubco.com/index.php/ijet/pages/view/indexing	https://www.sciencepubco.com/index.php/ijet/article/view/23966	Scopus
Low Order Mathematical Representation of a Power System via modified Hankel Matrix Approach	Jay Singh	Electrical and Electronics Engineering	International Journal on Recent Technologies in Mechanical and Electrical Engineering	2017-18	2349-7947	http://www.ijrme.org	http://www.ijrme.org/download/browse/Volume_5_Issues/May_18_Volume_5_Issue_5/1527673396_30-05-2018.pdf	Scopus

Two degree of freedom internal model control-PID design for LFC of power systems via logarithmic approximations	Jay Singh	Electrical and Electronics Engineering	ISA Transaction, Elsevier	2017-18	0019-0578	https://www.journals.elsevier.com/isa-transactions	https://doi.org/10.1016/j.isatra.2017.12.002	SCI
Identification of Weak Bus using Load Variation	Brijesh Prasad	Electrical and Electronics Engineering	International Research Journal of Engineering and Technology	2017-18	2395-0056	https://www.ijet.net/	https://www.ijet.net/archives/V5/i6/IRJET-V5I6161.pdf	Google Scholar
A Novel Hybrid Contrast Enhancement Technique	Prem Chand Vashist	Information Technology	Journal of 3D Research (3DR) by Springer	2017-18	2092-6731	https://link.springer.com/article/10.1007/s13319-018-0178-7	https://doi.org/10.1007/s13319-018-0178-7	Scopus
A MODEL FOR SUCESS OF AN INTERNATIONAL JOINT VENTURE IN INDIA: VALIDATED THROUH ANALYTICAL HIERARCHY PROCESS	Kaushik. R, VATS.RUCHI KA	Master of Business Administration	International Journal of Engineering & Technology	2017-18	ISSN:2227-524X	https://www.sciencepubco.com/index.php/ijet/index	https://www.sciencepubco.com/index.php/ijet/article/view/27735	Scopus
Factors predicting Entrepreneurial Intent among Delhi-NCR students"	Dr. Shivi Mittal	Master of Business Administration	International Journal of Innovative Research in Engineering & Management (IJIREM)	2017-18	ISSN: 2350-0557)	https://www.ijirem.org	https://www.ijirem.org/view_abstract.php?title=Factors-Predicting-Entrepreneurial-Intent-Among-Delhi-NCR-Students&year=2018&vol=5&primary=QVJULTIOMA==	Other
Optimal order quantity and inventory classification using Clustering	Dr. Reeshu Agarwal	Master of Computer Application	International Journal of Applied Management Sciences and Engineering (IJAMSE)	2017-18	ISSN: 2327-7483	https://www.igi-global.com/journal/international-journal-applied-management-sciences/68203	https://www.igi-global.com/article/optimal-order-quantity-and-inventory-classification-using-clustering/185493	Other
Pervasive m-Healthcare Framework for Diabetes	Dr. Madhu Sharma Gaur	Master of Computer Application	Journal of Graphic Era University	2017-18	ISSN: 0975-1416	https://www.igi-global.com/journal/international-journal-applied-management-sciences/68203	https://www.journal.riverpublshers.com/index.php/IJGEU/article/view/100	Other
Optimization and Analysis for Reduction in Process Rejection of Sway Bar	Shivani Bhadoria	Mechanical Engineering	IJARSE	2017-18	2319-8354	http://www.ijarse.com/currentissue.php?id=144	http://www.ijarse.com/images/fulpdf/1514974123_IE04-013.pdf	UGC
Velocity field and streamline in a square section test duct by Particle Image Velocimetry system	Omprakash Yadav	Mechanical Engineering	IJARSE	2017-18	2319-8355	http://www.ijarse.com/	http://www.ijarse.com/images/fulpdf/1514969668_TE01-014.pdf	UGC
Sensitivity Analysis of CO2 Diluted and H2Enriched Methane for Stoichiometric Combustion	Vinod Kumar Yadav	Mechanical Engineering	IJARSE	2017-18	2319-8356	http://www.ijarse.com/	http://ijarse.com/images/fulpdf/1514969754_TE01-016.pdf	UGC
Impact of temperature and moisture on thermal conductivity and diffusivity of stones using one dimensional steady state heat flow: An experimental study	Rahul Sharma	Mechanical Engineering	IJARSE	2017-18	2319-8357	http://www.ijarse.com/	http://www.ijarse.com/images/fulpdf/1514969832_TE01-018.pdf	UGC
Performance investigation of N2O transcritical refrigeration cycle using dedicated mechanical subcooling	Pradeep Kumar	Mechanical Engineering	IJARSE	2017-18	2319-8358	http://www.ijarse.com/	http://www.ijarse.com/images/fulpdf/1514969967_TE01-021.pdf	UGC
A Review of Coal Gasification Process, Byproducts and Its Environmental Impact	Devendra Kumar Gupta	Mechanical Engineering	IJARSE	2017-18	2319-8359	http://www.ijarse.com/	http://www.ijarse.com/images/fulpdf/1514970013_TE01-022.pdf	UGC
THE HEAT TRANSFER ENHANCEMENT TECHNIQUES –A REVIEW	Kuber Dwivedi	Mechanical Engineering	IJARSE	2017-18	2319-8360	http://www.ijarse.com/	http://www.ijarse.com/images/fulpdf/1514970280_TE01-029.pdf	UGC
A Computational Approach for Attic Space Designing	Anuj Gupta	Mechanical Engineering	IJARSE	2017-18	2319-8361	http://www.ijarse.com/	http://www.ijarse.com/images/fulpdf/1514970445_TE01-033.pdf	UGC
Performance and Emission characteristics of Medium Capacity Diesel Engine fuelled with Isopropyl alcohol- Diesel Blends	Amardeep	Mechanical Engineering	IJARSE	2017-18	2319-8362	http://www.ijarse.com/	http://www.ijarse.com/images/fulpdf/1514970484_TE01-034.pdf	UGC
Scope of Quasi Turbine:A Review Analysis	Pranjal Yadav	Mechanical Engineering	IJARSE	2017-18	2319-8363	http://www.ijarse.com/	http://data.conferenceworld.in/IEEEGLB/25.pdf	UGC

The optimum condition for rapid mixing of two fluid streams in turbulent pipe flow were investigated for different velocity ratio and different angles (45 0 ,90 0 and 135 0) et injection)	Rishikesh Kumar Singh	Mechanical Engineering	IJARSE	2017-18	2319-8364	http://www.ijarse.com/	http://www.ijarse.com/images/fullpdf/1514970944_TE01-041.pdf	UGC
Study of water falling film over horizontal drop shaped and inverted drop shaped tubes	Vipul Kumar Sharma	Mechanical Engineering	IJARSE	2017-18	2319-8365	http://www.ijarse.com/	http://www.ijarse.com/images/fullpdf/1514971056_TE01-042.pdf	UGC
Experimental Analysis of A Multi-Purpose Refrigerator System	Avdhesh Tyagi	Mechanical Engineering	IJARSE	2017-18	2319-8366	http://www.ijarse.com/	http://www.ijarse.com/images/fullpdf/1514971340_TE01-043.pdf	UGC
Review of Solar Ejector Expansion Refrigeration System	Rahul Sharma	Mechanical Engineering	IJARSE	2017-18	2319-8367	http://www.ijarse.com/currentissue.php?id=144	1514971518_TE01-046.pdf (ijarse.com)	UGC
Finite Element Analysis of Multidisc Magnetorheological Brake with B-H curve Using ANSYS	Satish Kumar	Mechanical Engineering	IJARSE	2017-18	2319-8368	http://www.ijarse.com/	http://www.ijarse.com/images/fullpdf/1514971567_MD02-010.pdf	UGC
Static Analysis of Smart Pizolaminated Plate using Finite Element Method	Pramod Singh	Mechanical Engineering	IJARSE	2017-18	2319-8369	http://www.ijarse.com/currentissue.php?id=144	http://www.ijarse.com/images/fullpdf/1514971694_MD02-013.pdf	UGC
Experimental Investigation of Effect of Concentration on Head Losses at Different Size Particle in Pipe Flow	Nagendra Kumar Maurya	Mechanical Engineering	IJARSE	2017-18	2319-8370	http://www.ijarse.com/	http://www.ijarse.com/images/fullpdf/1514971960_MD02-019.pdf	UGC
Taguchi Method - A Tool for Total Product Design in Concurrent Engineering	Pankaj Kumar Chauhan	Mechanical Engineering	IJARSE	2017-18	2319-8371	http://www.ijarse.com/	http://www.ijarse.com/images/fullpdf/1514972026_MD02-021.pdf	UGC
HERTZIAN CONTACT ANALYSIS OF SPUR GEAR	Akash Deep	Mechanical Engineering	IJARSE	2017-18	2319-8372	http://www.ijarse.com/	http://www.ijarse.com/images/fullpdf/1514972060_MD02-022.pdf	UGC
NUMERICAL COMPUTATION OF STRESSES ON BUTTERFLY VALVE	Ujjwal Kumar	Mechanical Engineering	IJARSE	2017-18	2319-8373	http://www.ijarse.com/	http://www.ijarse.com/images/fullpdf/1514972212_MD02-025.pdf	UGC
Finite Element Analysis of Magnet or heological Brake having Three Electromagnet using ANSYS	Satish Kumar	Mechanical Engineering	IJARSE	2017-18	2319-8374	http://www.ijarse.com/currentissue.php?id=144	http://www.ijarse.com/images/fullpdf/1514972286_MD02-026.pdf	UGC
COMPARISON OF NORMAL AND PATHOLOGICAL GAIT USING EMG SIGNAL	Ashish Mishra	Mechanical Engineering	IJARSE	2017-18	2319-8375	http://www.ijarse.com/	http://www.ijarse.com/images/fullpdf/1514972508_MD02-030.pdf	UGC

Application of Reverse Engineering on CAD Modelling Using Least Square Fitting Technique	Ranjeet Kumar Singh	Mechanical Engineering	IJARSE	2017-18	2319-8376	http://www.ijarse.com/	http://www.ijarse.com/images/fulpdf/1514972602_MDO2-032.pdf	UGC
Impact of layer thickness and Build orientation on Tensile Strength of a Component manufactured by 3DP	Rohit Sahu	Mechanical Engineering	IJARSE	2017-18	2319-8377	http://www.ijarse.com/currentissue.php?id=144	http://www.ijarse.com/images/fulpdf/1514972786_MDO2-036.pdf	UGC
Effect of Rotational Speed on Friction stir deformation of Al 6061 alloy	Binit Kumar	Mechanical Engineering	IJARSE	2017-18	2319-8378	http://www.ijarse.com/	http://www.ijarse.com/images/fulpdf/1514972834_MM03-010.pdf	UGC
Effect of Cutting Forces on Machining Process Parameters in Ultrasonic Vibration-assisted Turning	Pawan Kumar Singotia	Mechanical Engineering	IJARSE	2017-18	2319-8379	http://www.ijarse.com/	http://www.ijarse.com/images/fulpdf/1514973021_MM03-011.pdf	UGC
Fabrication of A359 Alloy Reinforced With B4C Particulates & Characterization of Mechanical Properties	Manish Maurya	Mechanical Engineering	IJARSE	2017-18	2319-8380	Current Issues of IJARSE	1514973125_MM03-014.pdf (ijarse.com)	UGC
A Review on Effects of Cutting Tool Parameters on Surface Roughness	Rajesh Kumar Maurya	Mechanical Engineering	IJARSE	2017-18	2319-8381	Current Issues of IJARSE	1514973162_MM03-015.pdf (ijarse.com)	UGC
Characterization of aluminum metal matrix-composite based on silicon carbide (SiC) Particles and Lubricated with molybdenum disulphide (MoS ₂)	Mohd. Arif	Mechanical Engineering	IJARSE	2017-18	2319-8382	http://www.ijarse.com/	http://www.ijarse.com/images/fulpdf/1514973202_MM03-016.pdf	UGC
LCF Behavior of IN718 with NaCl Salt Coating at 550°C	Mukesh Kumar	Mechanical Engineering	IJARSE	2017-18	2319-8383	http://www.ijarse.com/	http://www.ijarse.com/images/fulpdf/1514973383_MM03-020.pdf	UGC
Crystal Structure and Dielectric Properties of La and Cr Modified BaTiO ₃ Ceramic	Arvind Kumar	Mechanical Engineering	IJARSE	2017-18	2319-8384	http://www.ijarse.com/	http://www.ijarse.com/images/fulpdf/1514973420_MM03-021.pdf	UGC
Effect of Process Parameter on diametric deviation during CNC lathe turning of EN-31 Steel	Vishal Shankar Srivastava	Mechanical Engineering	IJARSE	2017-18	2319-8385	http://www.ijarse.com/	https://www.researchgate.net/publication/322635781_Effect_of_Process_Parameter_on_diametric_deviation_during_CNC_lathe_turning_of_EN-31_Steel	UGC
Surface roughness a measurement of in-situ metal matrix composite Al7075/B 4 C	Vishal Shankar Srivastava	Mechanical Engineering	IJARSE	2017-18	2319-8386	Current Issues of IJARSE	1514973573_MM03-025.pdf (ijarse.com)	UGC
Finite Element Formulation for Large Deformation Problem	Sushant Verma	Mechanical Engineering	IJARSE	2017-18	2319-8387	http://www.ijarse.com/	http://www.ijarse.com/currentissue.php?id=144	UGC
Mechanical Stir Casting For the Fabrication and Characterization of Metal Matrix Composite	Sushil Kumar Madheshiya	Mechanical Engineering	IJARSE	2017-18	2319-8388	http://www.ijarse.com/	http://www.ijarse.com/images/fulpdf/1514973853_MM03-033.pdf	UGC
MOBILE ROBOT PATH PLANNING AND TRAJECTORY TRACKING USING ARTIFICIAL POTENTIAL FIELD METHOD	Jitender Kumar	Mechanical Engineering	IJARSE	2017-18	2319-8389	http://www.ijarse.com/currentissue.php?id=144	1514974088_IE04-012.pdf (ijarse.com)	UGC
Condition Based Maintenance of Automotive Air Conditioners	Anurag Jha	Mechanical Engineering	IJARSE	2017-18	2319-8391	http://www.ijarse.com/	http://www.ijarse.com/images/fulpdf/1514974159_IE04-014.pdf	UGC
A Review of Various M-Commerce Adoption Techniques	Ashutosh Kumar Gupta	Mechanical Engineering	IJARSE	2017-18	2319-8392	http://www.ijarse.com/	http://www.ijarse.com/images/fulpdf/1514974330_IE04-020.pdf	UGC
ELECTRICITY GENERATION USING VERTICAL AXIS WIND TURBINE: DESIGN AND DEVELOPMENT	Mahesh Pandey	Mechanical Engineering	IJARSE	2017-18	2319-8394	http://www.ijarse.com/	http://www.ijarse.com/images/fulpdf/1514970807_TE01-037.pdf	UGC

2.4 List of Patents

Sr. No	Patent Application No.	Status Of Patent (Published / Granted)	Inventor/S Name	Title Of The Patent	Applicant/S Name	Patent Published Date / Granted Date (Dd/Mm/Yy)
1	2020102250	Granted	Babu, G. Venkata Suresh ; Sivappagari, Chandra Mohan Reddy ; Goyal, Ankur ; Kaushik, Shivkant ; Bansal, Rohit ; Meera, M. R. ; Manjunath, T.C. ; Islam, Saiful ; Guduru, Rama Krishna Reddy ; Kamatham, Harikrishna ; Kshirsagar, Pravin R. ; Kumar, Sanjeev ; Gaur, Madhu Sharma ; Garnayak, Mahendra Kumar ; Singla, Diwan Sher ; Goyal, Ayush ; Bangar, Parvinder ; H., Girish ; Gupta, Shubhi ; Vashisht, Swati ; Yaseen, Syed Mufassir ; Hassan, Muntaha	An Artificial Intelligence And Iot Based Covid-19 Early Warning System For Senior Citizens	Kumar, Sanjeev ; Gaur, Madhu Sharma	14-10-2020
2	2020102908	Granted	Kavita Sharma, Namita Sharma, Shashank Awasthi	Iotm- Class Monitoring System: Iot And Ai Based Monitoring System For Faculty And Their Course Materials Availability	Kavita Sharma, Namita Sharma, Shashank Awasthi	09-12-2020

3	20201034 46	Granted	Lalitha, K.; Rajkumar, K.; Shanmugam, Raju; Pippal, Sanjeev Kumar; Dhanaraj, Rajesh Kumar; Hariharan, U.; Chandraprabha, M. And Balusamy, Balamurugan	Soil Quality Monitoring And Enhancing The Soil Nutrients To Bring The Good Quality Crops Using Cps And Machine Learning Techniques	Lalitha, K.; Rajkumar, K.; Shanmugam, Raju; Pippal, Sanjeev Kumar; Dhanaraj, Rajesh Kumar; Hariharan, U.; Chandraprabha, M. And Balusamy, Balamurugan	13-01-2021
4	20201040 34	Granted	Prakash Shukla, Anand; Singh, Satyendr; Saxena, Sandeep; Bhardwaj, Ankur; Kumar Yadav, Pramod; Bhardwaj, Manish; Sharma, Arti; Sharma, Saurabh; Sharma, Sanjiv; Singh, Amar; Vaishali Rastogi, Km And Kumar Sarkar, .(Dr.) Biplab	Iml-Cloud Data Performance: Cloud Data Performance Improved Using Machine Learning	Prakash Shukla, Anand; Singh, Satyendr; Saxena, Sandeep; Bhardwaj, Ankur; Kumar Yadav, Pramod; Bhardwaj, Manish; Sharma, Arti; Sharma, Saurabh; Sharma, Sanjiv; Singh, Amar; Vaishali Rastogi, Km And Kumar Sarkar, .(Dr.) Biplab	10-02-2021
5	20211009 20	Granted	Choudhary, Shweta; Rani, Sunita; Deepkiran, Ms.; Singh, Samender; Kumar, Bhupendra; Raghuwanshi, Sudhasnhu; Singh, Rajesh Kumar And Tyagi, Pardeep	Intelligent Pen Drive* : Highest Data Security (Auto Data Share Your Gmail & Link Share Your Mobile No) Using Ai- Based Programming	Choudhary, Shweta; Rani, Sunita; Deepkiran, Ms.; Singh, Samender; Kumar, Bhupendra; Raghuwanshi, Sudhasnhu; Singh, Rajesh Kumar And Tyagi, Pardeep	14-04-2021

6	20211012 12	Granted	A, Ambikapathy; Dinesh, Supriya; Atmakuri, Aparna Rajesh; Laxya; Rai, Amrita; Shahid, Mohammad; Equbal, Danish; A, Annai Theresa; N, Vithyalakshmi; R, Pandian; S, Lalithakumari; Shaik, Mahaboob And Mohammed, Arshad	Smart Public Transport Disinfection And Sterilization System	A, Ambikapathy; Dinesh, Supriya; Atmakuri, Aparna Rajesh; Laxya; Rai, Amrita; Shahid, Mohammad; Equbal, Danish; A, Annai Theresa; N, Vithyalakshmi; R, Pandian; S, Lalithakumari; Shaik, Mahaboob And Mohammed, Arshad	28-04-2021
7	20211036 43	Granted	Singh, Pankaj; Shukla, Abhishek; Mishra, Pradeep; Pandey, Ritesh; Ali, Kunwar Babar; Srivastava, Prabhat Kumar; Upmanu, Vishal; Dwivedi, Avinash; Pippal, Sanjiv Kumar; Gupta, Ganesh And Joshi, Shivani	A System For Exchanging Media Between Entities	Singh, Pankaj; Shukla, Abhishek; Mishra, Pradeep; Pandey, Ritesh; Ali, Kunwar Babar; Srivastava, Prabhat Kumar; Upmanu, Vishal; Dwivedi, Avinash; Pippal, Sanjiv Kumar; Gupta, Ganesh And Joshi, Shivani	04-08-2021
8	20211045 64	Granted	Hemalatha, S.; Mohanty, Dipak Kumar; Siddique, Mohammed; Singh, Saubhagyalaxmi; Mahapatra, Sheila; Raj,Saurav; Vedik, B.; Shiva, Chandan Kumar; Yadav, Sachin; Yadav, Ranjeeta; Tewari, Ranjana; Singh, Rana AndYadav, Deepika	Smart Framework For Providing Privacy And Protection In Block Chain Based PrivateTransactions Using Cloud Computing Approach	Hemalatha, S.; Mohanty, Dipak Kumar; Siddique, Mohammed; Singh, Saubhagyalaxmi; Mahapatra, Sheila; Raj,Saurav; Vedik, B.; Shiva, Chandan Kumar; Yadav, Sachin; Yadav, Ranjeeta; Tewari, Ranjana; Singh,	08-09-2021

					Rana AndYadav, Deepika	
9	20181104 1212	Published	Prabhat Ranjan	Apparatus And Method For Transferring Hazardous Fluid	Gl Bajaj Institute Of Technology & Management	23-11-2018
10	20181104 1213	Published	Dr. Prasant Mukerjee, Ranjeet Singh	Eco- Friendly Incineration Of Waste Material	Gl Bajaj Institute Of Technology & Management	23-11-2018
11	20181104 1216	Published	Vinod Yadav, Rama Kant Pandey	Quantity Based Automatic Lubbrication System	Gl Bajaj Institute Of Technology & Management	23-11-2018
12	20181104 1217	Published	D. Satendra Sharma, Dr. Rajeev Agrawal	Digital Locking System	Gl Bajaj Institute Of Technology & Management	23-11-2018
13	20181104 1218	Published	Shivendra Kaura, Dr. Mohit Bansal	Protective Seal For Liquid Samplers	Gl Bajaj Institute Of Technology & Management	23-11-2018
14	20181104 1725	Published	Dr. Vishwa Ratan Mishra, Ranjit Singh	Method For Treatment Of Spent Liquid Using Fly Ash	Gl Bajaj Institute Of Technology & Management	30-11-2018
15	20181104 1726	Published	Kailash Sharma, Priyanka Datta	Collapsible Two Wheeler Vehicle	Gl Bajaj Institute Of Technology & Management	30-11-2018
16	20181104 1727	Published	Dr. Ashish Gupta, Dr Vishwa Ratan Mishra	Device For Preserving Fluid Leaked From A Duct	Gl Bajaj Institute Of Technology & Management	30-11-2018
17	20181104 1728	Published	Ashish Singh	Method For Converting Biomass To Liquids	Gl Bajaj Institute Of Technology & Management	30-11-2018

18	20181104 1729	Published	Dr. Sumit Tiwari, Vinod Yadav	Apparatus And Method For Formation Of Biofilms On Surfaces Of Various Materials	Gl Bajaj Institute Of Technology & Management	30-11-2018
19	20181104 4728	Published	Vishwas,Agrawal, Rinku Sharma,, Shashank Tripathi,,Pankaj Pathak,	System And Method For Smart Parking For Revenue Generation	Gl Bajaj Innovation Centre, Glbim	14-08-2020
20	20181104 5183	Published	Amiya Prakash	System And Method For E-Waste Management	Gl Bajaj Institute Of Technology & Management	28-12-2018
21	20181104 5483	Published	Dr. Abhishek Sharma, Varun Kumar	Sugarcane Harvesting Mechine	Gl Bajaj Institute Of Technology & Management, Dr. Abhishek Sharma	28-12-2018
22	20181104 5484	Published	Vinod Kr Yadav	Smart Chair For Receiving Back Pain	Gl Bajaj Institute Of Technology And Management, Vinod Kr Yadav	28-12-2018
23	20181104 5487	Published	Satyaprakash Maurya, Ujjawal, Dr. Amit Sehgal, Dr. Piyush Yadav	Smart Card Basmart Card Based Automous Relation Distributionsed Automous Ration Distribution	Gl Bajaj Institute Of Technology & Management	15-02-2019
24	20181104 5490	Published	Vinod Kr Yadav, Manish Kr. Singh	System And Method For Gasification Of A Biomass Material	Gl Bajaj Institute Of Technology & Management, Vinod Kr Yadav	28-12-2018
25	20181104 5491	Published	Dr. Satyendra Sharma, Dr. Amit Sehgal, Dr. Piyush Yadav	System For Detecting Pollution In Water	Gl Bajaj Institute Of Technology & Management	28-12-2018
26	20181104 5518	Published	Dr. Amit Sehgal, Dr. Rajeev Agarwal, Dr. Pradeep Bhardwaj, Mr. Puneet Kr. Mishra	The Therapeutic System	Gl Bajaj Institute Of Technology & Management	12-06-2020
27	20181104 5827	Published	Anshul Chopera	An Anti-Theft And Accident Reduction System And Method For A Vehicle	Gl Bajaj Institute Of Technology & Management	28-12-2018

28	20181104 5828	Published	Rinku Sharma, Pankaj Pathak	System And Method For Operating A Firearm	Gl Bajaj Institute Of Technology & Management	28-12-2018
29	20181104 6071	Published	Dr. Rajeev Agrawal	System And Method For Memory Management In A Memory Device	Gl Bajaj Institute Of Technology & Management	28-12-2018
30	20181104 6072	Published	Shashank Tripathi	System For Real Time Traffic Congestion Management	Gl Bajaj Institute Of Technology & Management	28-12-2018
31	20191103 2733	Published	Ranjeet Kumar Singh Ashish Gupta Vishwa Ratan Mishra Sparsh Jain Shrikant Garg Naman Shroff	Digitalised Fuel Gauge	Ranjeet Kumar Singh Ashish Gupta Vishwa Ratan Mishra Sparsh Jain Shrikant Garg Naman Shroff	19-02-2021
32	20191103 7065	Published	Vinod Singh Yadav, Vineet Singh, Manoj Kumar Singh, Niraj Kumar, Anurag Maheswari, Vishwa Ratna Mishra, Vinod Yadav, Akash Nigam,	A Solar Heating Apparatus	Vinod Singh Yadav, Vineet Singh, Manoj Kumar Singh, Niraj Kumar, Anurag Maheswari, Vishwa Ratna Mishra, Vinod Yadav, Akash Nigam,	20-09-2019
33	20191104 0834	Published	Anshul Chopra, Pankaj Pathak, Rajeev Agarwal	A Multifunctional Device To Detect Obstruction Or Nonuniform Surfaces And Method	Gl Bajaj Institute Of Technology And Management	16-04-2021
34	20191104 0835	Published	Jignesh, Pulkit, Rinku Sharma, Pankaj Pathak	Intelligent Parking System And Method Thereof	Gl Bajaj Institute Of Technology And Management	16-04-2021

35	20191104 6972	Published	Dr. D Rajesh Kumar, Dr. A Suresh Kumar, Dr. Raju Shanmugam, Mr. Gopi A, Mr. Samson Ebenezar, Mr. Soumya Ranjan Jena, Mr. Saurabh Sharma	Computer Implemented Method For Urban Traffic Management Using Machine Learning	Dr. D Rajesh Kumar, Dr. A Suresh Kumar, Dr. Raju Shanmugam, Mr. Gopi A, Mr. Samson Ebenezar, Mr. Soumya Ranjan Jena, Mr. Saurabh Sharma	22-11-2019
36	20191105 1419	Published	Dr. Shivani Joshi Dr. Avinash Dwivedi Dr. Vikas Chaudhary Dr. Pankaj Singh	Pest Detection And Control System In Smart Farming Using Iot	Dr. Shivani Joshi Dr. Avinash Dwivedi Dr. Vikas Chaudhary Dr. Pankaj Singh	20-12-2019
37	20201100 1246	Published	Dr. Ashish Kumar Srivastava, Nilesh Kumar,Prakash Mani, Nikhil Gupta	A System And Method For Electric Generation	Gl Bajaj Institute Of Technology And Management	16-07-2021
38	20201101 6364	Published	Dr. Manju Khari Dr. Kavita Sharma, Dr. Deepti Mishra, Shiv Naresh Shivhare, Himanshu Sharma, Prof. (Dr) Biplab Kumar Sarkar	Digital Identity Tracking: Digital Identity Tracking To Any Mobile With High Security Using Machine Learning Programming.	Dr. Manju Khari Dr. Kavita Sharma, Dr. Deepti Mishra, Shiv Naresh Shivhare, Himanshu Sharma, Prof. (Dr) Biplab Kumar Sarkar	26-06-2020
39	20201102 7393	Published	Pragya Singh,Rashika Singh,Dr. Pushpa Choudhary	To Find The Lost Items	G. L. Bajaj Institute Of Technology And Management	31-12-2021
40	20201102 7394	Published	Dr. Shailendra Singh Chauhan , Dr. Nagendra Kumar Maurya	Development Of Glass Fiber Epoxy/ Saw Dust Composite And Evaluation Of Their Mechanical Properties	G. L. Bajaj Institute Of Technology And Management , Dr Shailendra Singh Chauhan , Dr Nagendra Kumar Maurya	31-12-2021

41	20201102 7395	Published	G. L. Bajaj Institute Of Technology And Management , Dr Shailendra Singh Chauhan Dr. Mohit Bansal , Mr. Shivendra Kaura	Systems And Methods For Detection And Notification Of Earthquake	G. L. Bajaj Institute Of Technology And Management , Dr Shailendra Singh Chauhan Dr. Mohit Bansal , Mr. Shivendra Kaura	31-12-2021
42	20201102 7396	Published	Shivendra Kaura, Dr. Mohit Bansal	System And Method For Hazard Detection And Management	G. L. Bajaj Institute Of Technology And Management	31-12-2021
43	20201102 7397	Published	G. L. Bajaj Institute Of Technology And Management	System And Method For An Iot Based Health Monitoring Device	G. L. Bajaj Institute Of Technology And Management	31-12-2021
44	20201102 7398	Published	G. L. Bajaj Institute Of Technology And Management	System And Method For Remote Health Monitoring Of Heritage Structures Using Remote Sensors	G. L. Bajaj Institute Of Technology And Management	31-12-2021
45	20201102 7399	Published	G. L. Bajaj Institute Of Technology And Management , Dr. Rajeev Agrawal ,Dr. Amit Sehgal	System And Method For Agri-Kiosk For Farm Inputs And Outputs System	G. L. Bajaj Institute Of Technology And Management , Dr. Rajeev Agrawal ,Dr. Amit Sehgal	31-12-2021
46	20201102 7400	Published	G. L. Bajaj Institute Of Technology And Management , Dr. Dinesh Kumar Singh , Dr. Amit Sehgal	System And Method For Rectenna Based Energy Harvesting Device	G. L. Bajaj Institute Of Technology And Management , Dr. Dinesh Kumar Singh , Dr. Amit Sehgal	31-12-2021
47	20201102 7401	Published	Dr. Ashish Tripathi,Mr. Gaurav Singh,Mr. Fahad Khan,Dr. Prem Chand Vashist	System And Method For Smart Waste Management	G. L. Bajaj Institute Of Technology And Management	31-12-2021

48	20201102 7427	Published	Pawan Kumar Gupta , Abhishek Gupta , G. L. Bajaj Institute Of Technology And Management	Outdoor Air Filter Without Solid Filter	Pawan Kumar Gupta , Abhishek Gupta , G. L. Bajaj Institute Of Technology And Management	11-05-2021
49	20201102 7428	Published	Dr. Pushpa Choudhary,Suchita Pandey,Sakshi Tripathi,Shubham Chaurasiya	System And Method For Detecting Fake News Using Machine Learning And Natural Language Processing	G. L. Bajaj Institute Of Technology And Management	31-12-2021
50	20201102 7429	Published	G. L. Bajaj Institute Of Technology And Management , Amit Pandey	System And Method For Monitoring Battery Status Of Two Wheeler Vehicles	G. L. Bajaj Institute Of Technology And Management , Amit Pandey	31-12-2021
51	20201102 7430	Published	G. L. Bajaj Institute Of Technology And Management , Gaurav Bhatia	Medical Device And Method For Assessing And Monitoring User's Health In Real Time	G. L. Bajaj Institute Of Technology And Management , Gaurav Bhatia	31-12-2021
52	20201102 7431	Published	G. L. Bajaj Institute Of Technology And Management, Prem Sagar Sharma, Saurabh Kumar Shandilya	System And Method For On-Demand Blood Donation Using A Live Blood Bank	G. L. Bajaj Institute Of Technology And Management, Prem Sagar Sharma, Saurabh Kumar Shandilya	31-12-2021
53	20201102 7432	Published	G. L. Bajaj Institute Of Technology And Management , Dhruv Chaturvedi , Gagan Singh , Soumya Jain , Vikanksh Pundhir	System And Method For An Anti-Theft Automobile Security Device	G. L. Bajaj Institute Of Technology And Management , Dhruv Chaturvedi , Gagan Singh , Soumya Jain , Vikanksh Pundhir	31-12-2021
54	20201102 7433	Published	G. L. Bajaj Institute Of Technology And Management Sanjeev Kumar Dr. Madhu Sharma Gaur	System And Method To Detect Diabetes And Hypertension Status Of Person	G. L. Bajaj Institute Of Technology And Management Sanjeev Kumar	31-12-2021

					Dr. Madhu Sharma Gaur	
55	20201102 7434	Published	Dr. Amrita Rai	System And Method For The Development And Deployment Of A Wireless Sensor Network For Climate Smart Agriculture Through Big Data Analysis	G. L. Bajaj Institute Of Technology And Management Dr. Amrita Rai	31-12-2021
56	20201102 7435	Published	G. L. Bajaj Institute Of Technology And Management Dr. Pushpa Choudhary Dr. Ashish Tripathi Dr. Arun Kumar Singh	System And Method For Remote And Secure Monitoring Of Healthcare Information Of Patients Suffering From Virus	G. L. Bajaj Institute Of Technology And Management Dr. Pushpa Choudhary Dr. Ashish Tripathi Dr. Arun Kumar Singh	31-12-2021
57	20201102 7615	Published	G. L. Bajaj Institute Of Technology And Management, Ms. Anju Mishra	System And Method For Initiating Patient Health Monitoring Alert And Anticipating Patient's Health Remotely	G. L. Bajaj Institute Of Technology And Management, Ms. Anju Mishra	31-12-2021
58	20201102 7616	Published	G. L. Bajaj Institute Of Technology And Management Vinay Soni Jayveer Singh Akansh Jaiswal	Cnc Milling System And Its Method Of Operation	G. L. Bajaj Institute Of Technology And Management Vinay Soni Jayveer Singh Akansh Jaiswal	31-12-2021
59	20201102 7617	Published	Dr. Ganesh Gupta Dr. Sanjeev Kumar Pippal	The Height Adjuster Urinal Flush	G. L. Bajaj Institute Of Technology And Management Dr. Ganesh Gupta Dr. Sanjeev Kumar Pippal	11-05-2021

60	20201102 7618	Published	G. L. Bajaj Institute Of Technology And Management Rishabh Pratap Singh	Iot Based Straw Management	G. L. Bajaj Institute Of Technology And Management Rishabh Pratap Singh	31-12-2021
61	20201102 9521	Published	Mr. Chinmay Jain Mr Pallav Jain Mr. Mukesh Kumar Dr Pankaj Kumar Goswami Dr Garima Goswami Dr. Rakesh Kumar Dwivedi Dr. Mudita Juneja Mrs Sakshi Singh Mr. Rahul Vishnoi Dr. Jay Singh Dr Vikas Singh Bhadoria	An Internet Of Things Based Smart Hi-Tech Building System For Covid Protection	Mr. Chinmay Jain Mr Pallav Jain Mr. Mukesh Kumar Dr Pankaj Kumar Goswami Dr Garima Goswami Dr. Rakesh Kumar Dwivedi Dr. Mudita Juneja Mrs Sakshi Singh Mr. Rahul Vishnoi Dr. Jay Singh Dr Vikas Singh Bhadoria	21-08-2020
62	20201103 3220	Published	Parikshit Singh,Ruchika Gupta,Pratyush Sharma,Aditya Raj,Prashant Singh Rawal,Vinod Kumar Yadav	Hybrid Exercise Machine (Hem) For Spine Related Problems	G. L. Bajaj Institute Of Technology And Management Vinod Kumar Yadav	11-05-2021
63	20201103 3225	Granted	G. L. Bajaj Institute Of Technology And Management, Vinod Kumar Yadav, Rajeev Agrawal	Ventilated Personal Protection Equipment	G. L. Bajaj Institute Of Technology And Management, Vinod Kumar Yadav, Rajeev Agrawal	11-05-2021

64	20201103 3226	Published	G. L. Bajaj Institute Of Technology And Management Dr. Prem Chand Vashist Dr. Shashank Awasthi Neha Tyagi Aman Raj Ashish Kumar Singh	Waste Management For New India	G. L. Bajaj Institute Of Technology And Management Dr. Prem Chand Vashist Dr. Shashank Awasthi Neha Tyagi Aman Raj Ashish Kumar Singh	11-05-2021
65	20201103 3231	Published	G. L. Bajaj Institute Of Technology And Management Nilesh Kumar Dr. Ashish Kuma Srivastava Dr. Vishwa Ratna Mishra Dr. Rajeev Agrawal	Self-Sanitizing Door Handle Assembly	G. L. Bajaj Institute Of Technology And Management Nilesh Kumar Dr. Ashish Kuma Srivastava Dr. Vishwa Ratna Mishra Dr. Rajeev Agrawal	11-05-2021
66	20201103 7758	Published	Dr. Rama Kant Prof. (Dr.) Anish Gupta Prof. (Dr.) Ruchika Gupta Prof. (Dr.) Lalit Kumartyagi	Voice Control Circuit Breaker: Intelligent Voice Control Circuit Breaker For Household Appliances	Dr. Rama Kant Prof. (Dr.) Anish Gupta Prof. (Dr.) Ruchika Gupta Prof. (Dr.) Lalit Kumartyagi	10-09-2020
67	20201103 7761	Published	Prof. (Dr.) Lalit Kumartyagi Prof. (Dr.) Ruchika Gupta Prof. (Dr.) Anish Gupta Dr. Rama Kant	Drone Aerial Vehicle: Drone Aerial Vehicle To Detect The Object And Provide The Notification.	Prof. (Dr.) Lalit Kumartyagi Prof. (Dr.) Ruchika Gupta Prof. (Dr.) Anish Gupta Dr. Rama Kant	10-09-2020
68	20201103 8833	Published	Mr. Manish Bhardwa, Mr. Saurabh Sharma, Mrs. Arti Sharma Et Al	Smart Electronic Induction Stove	Mr. Manish Bhardwa, Mr. Saurabh Sharma, Mrs. Arti Sharma Et Al	09-10-2020

69	20201105 0849	Published	Rohit Tripathi, Tushit Gupta, Sachin Yadav Et Al.	Self-Checkout Method Using An Iot Based Shopping Cart	Rohit Tripathi, Tushit Gupta, Sachin Yadav Et Al.	04-12-2020
70	20201105 2004	Published	Piyush Yadav Gaurav Dhiman Bharti Sharma Anuradha Pushpa	Deep Learning Based Framework For Locating And Tracking Of Abductee.	Piyush Yadav Gaurav Dhiman Bharti Sharma Anuradha Pushpa	04-12-2020
71	20201105 3273	Published	Mr. Saurabh Sharma, G. Murugesan, Amar Singh, Dr. Sushil Kumar Upadhyay Et Al.	A Charged Device For Cleaning Dust	Mr. Saurabh Sharma	11-12-2020
72	20201105 5422	Published	Dr Amrita Rai Dr Om Prakash	Smart Autonomous Wheelchair For Visually Impaired Persons	Dr Amrita Rai Dr Om Prakash	01-01-2021
73	20202100 6286	Published	Sulochana Balwant Sonkamble, Shreetej Balwant Sonkamble, Dr. Kavita Sharma, Dr. Soumitra Das, Dr. Manju Khari, Ms. Nirupma Pathak, Dr. Om Prakash Sahu	Iada- Iot- Based Technology: Intelligent Automotive Device, System And Process Using Iot- Based Technology	Sulochana Balwant Sonkamble, Shreetej Balwant Sonkamble, Dr. Kavita Sharma, Dr. Soumitra Das, Dr. Manju Khari, Ms. Nirupma Pathak, Dr. Om Prakash Sahu	21-02-2020
74	20204103 3007	Published	Dr. R.Narasimhan, Dr. K. R. Vijaya Kumar, Saurabh, Mohit Goyal Et Al	Wearable Child Monitoring Device With Inbuilt Heart Rate Measurement To Protect Falling Into Abandoned Deep Bore Well	Dr. R.Narasimhan, Dr. K. R. Vijaya Kumar, Saurabh, Mohit Goyal Et Al	21-08-2020
75	20204104 6926	Published	Mrs. Arti Sharma, Mr. Manish Bhardwaj, Mr. Saurabh Sharma Et Al	Digital Gadget To Monitor Petrol Theft In Vehicles	Mrs. Arti Sharma, Mr. Manish Bhardwaj, Mr. Saurabh Sharma Et Al	13-11-2020

76	20211100 0134	Published	Mr. Sumit Sharma Mr. Amar Singh Kapil Tomar Sachin Kumar Tyagi Mr. Rohit Kumar Gupta Mrs. Prachi Pundhir Mr. Manish Gupta Dr. Akhilesh Latoria Ms. Anjali Yadav Mr. Saurabh Sharma Mrs. Arti Sharma Ms. Shivangi Tyagi Dr. Vineet Kumar Sharma	Iot Based Real Time Infant Monitoring And Alerting System	Mr. Sumit Sharma Mr. Amar Singh Kapil Tomar Sachin Kumar Tyagi Mr. Rohit Kumar Gupta Mrs. Prachi Pundhir Mr. Manish Gupta Dr. Akhilesh Latoria Ms. Anjali Yadav Mr. Saurabh Sharma Mrs. Arti Sharma Ms. Shivangi Tyagi Dr. Vineet Kumar Sharma	01-08-2021
77	20211100 3796	Published	Dilkeshwar Pandey, Deepti Seth, Anil Kumar, K.P Mishra, Dharmendra Kumar, Rashmi Mishra, Diksha Srivastava, Kanika	System And Method Of Real -Time Image Retrieval	Dilkeshwar Pandey, Deepti Seth, Anil Kumar, K.P Mishra, Dharmendr a Kumar, Rashmi Mishra, Diksha Srivastava, Kanika	12-02-2021
78	20211100 4183	Published	Anaam Singh, Anshica Singh, Shylaja Vinaykumar Karatangi, Dr. Amrita Rai	Systems And Methods For Generation Of Electrical Power From A Sludge	G. L. Bajaj Institute Of Technology And Management	12-11-2021
79	20211100 5346	Published	Dr. Pinki Yadav Dr. Amrita Rai	System And Method For Continuous Charging Using Piezoelectric Material	Dr. Pinki Yadav Dr. Amrita Rai	12-02-2021

80	20211100 6557	Published	Dr. Abhinav Saxena Dr. Nirmal Kumaragarwal Dr.Md. Abul Kalam Mr. Rajesh Kumar Mr. Abhishek Kumar Singh Mr. Prashant Dr. Amit Kumar Sharma Dr. Nitin Kumar Pal Dr. Sunil Kumarchaudhary Mr. Kailash Sharma Dr. Devendra Singh	Intelligent Monitoring And Controlling Of Charging And Discharging Of Electric Vehicles Batteries By Solar Pv Array	Dr. Abhinav Saxena Dr. Nirmal Kumaragarwal Dr.Md. Abul Kalam Mr. Rajesh Kumar Mr. Abhishek Kumar Singh Mr. Prashant Dr. Amit Kumar Sharma Dr. Nitin Kumar Pal Dr. Sunil Kumarchaudhary Mr. Kailash Sharma Dr. Devendra Singh	26-02-2021
81	20211100 7240	Published	Prachi Panwar Prakhar Gupta Prachi Roshan Monika Rai Rajat Singh	Systems And Methods For Inattentive/Attentive Driving Style	G. L. Bajaj Institute Of Technology And Management	12-11-2021
82	20211100 8148	Published	G L Bajaj Institute Of Technology And Management, Dr Shailendra Singh Chauhan	Systems And Methods For Recycling Of Plastic Waste To Manufacture An Object	G L Bajaj Institute Of Technology And Management, Dr Shailendra Singh Chauhan	12-11-2021
83	20211100 9704	Published	Dr. Deepti Seth Dr. Dilkeshwar Pandey Mr. Hriday Kumar Gupta Dr. Seema MaitreyAnurag Tewari Dr. Ravi Kant SharmaDr. Pramod Kumar Srivastava Dr. Rashmi MishraKaushal Kishor	An Automated Healthcare System With Medical ServicesAssistance	Dr. Deepti Seth Dr. Dilkeshwar Pandey Mr. Hriday Kumar Gupta Dr. Seema MaitreyAnurag Tewari Dr. Ravi Kant SharmaDr. Pramod Kumar Srivastava Dr. Rashmi MishraKaushal Kishor	19-03-2021

84	20211101 2052	Granted	Dr. Tarun Kumar Gupta, Dr. Shailendra Singh Chauhan, Sandeep Chauhan	Shoulder Heating Pad	G. L. Bajaj Institute Of Technology And Management	12-11-2021
85	20211101 2053	Published	Somya Singh, Sahil Soni, Dr. Piyush Yadav, Dharmender, Dr. Satyendra Sharma	Thermo Distance Anti-Theft Device With Person Entry/Exit Limitation During The Pandemic	G. L. Bajaj Institute Of Technology And Management	12-11-2021
86	20211101 2084	Published	Aditya Kumar Singh, Aman Kumar, Manas Singh, Chandresh Singh, Dr. Amrita Rai, Shylaja Vinaykumar Karatangi	Smart Mirror For Virtual Dressing Used In Shopping Complex	G L Bajaj Institute Of Technology And Management	12-11-2021
87	20211101 9348	Published	Mr. Gaurav Gupta Mr. Kamal Kant Sharma Mr. Lucknesh Kumar Mr. Vivek Tomar Dr. Manvinder Singh Dr. Gaurav Aggarwal Mr. Anubhav Kumar Ms. Divya Saxena Dr. Ajay Dixit Dr. Archana Sharma Mr. Om Prakash Dr. Aanjey Mani Tripathi Mr. Rahul Singh Mr. Sumit Sharma	Generation Of Electronic Bill For Transaction Reference Number Using Blockchain Technology	Mr. Gaurav Gupta Mr. Kamal Kant Sharma Mr. Lucknesh Kumar Mr. Vivek Tomar Dr. Manvinder Singh Dr. Gaurav Aggarwal Mr. Anubhav Kumar Ms. Divya Saxena Dr. Ajay Dixit Dr. Archana Sharma Mr. Om Prakash Dr. Aanjey Mani Tripathi Mr. Rahul Singh Mr. Sumit Sharma	05-07-2021

88	20211102 0437	Published	Sharda University G L Bajaj Institute Of Technology And Management Iimt College Of Engineering Dr. Sibaram Khara Dr. Sandeep Kumar Shukla Dr. Rudra Pratap Ojha Dr. Pallavi Gupta Jyothsna Chintalapati Dharm Raj Ajay Kumar Gupta	Rfid Based Position Identification In A Playing Arena	Sharda University G L Bajaj Institute Of Technology And Management Iimt College Of Engineering Dr. Sibaram Khara Dr. Sandeep Kumar Shukla Dr. Rudra Pratap Ojha Dr. Pallavi Gupta Jyothsna Chintalapati Dharm Raj Ajay Kumar Gupta	05-07-2021
89	20211103 2910	Published	Dr. Sudhir Kumar Vaibhav Gangwar Girendra Bhati Prateek Gupta Amit Surya Rohit Sahu	Rain Sensing Umbrella: Rain Sensing Hands Free Auto Open Closed Umbrella Bag.	Dr. Sudhir Kumar Vaibhav Gangwar Girendra Bhati Prateek Gupta Amit Surya Rohit Sahu	20-08-2021
90	20211103 4313	Published	Dr.Abhinav Saxena Dr.Amit Kumar SharmaDr.Nitin Kumar Pal Dr.Sunil Kumar ChaudharyDr.Puneet Chandra Srivastava Dr.Kiran Srivastava Dr.Neeraj Kumar Mr. Chandan Choubey Mrs. Priyanka Datta Dr. Bharat Singh Mr. Manoj Kumar Mr. Gyanesh Singh	Optimal Interference Minimization Between CommunicationAnd Transmission Line Using Artificial Intelligence BasedElectromagnetic Waves Method	Dr.Abhinav Saxena Dr.Amit Kumar SharmaDr.Nitin Kumar Pal Dr.Sunil Kumar ChaudharyDr.Pune et Chandra Srivastava Dr.Kiran Srivastava Dr.Neeraj Kumar Mr. Chandan Choubey Mrs. Priyanka Datta Dr. Bharat Singh Mr. Manoj Kumar Mr. Gyanesh Singh	10-09-2021

91	20211103 9300	Published	Dr. Ashish Tripathi, Vaibhav Tyagi , Dr. Arun Kumar Singh , Arjun Choudhary, Kiran Kumar, Dheerendra Kumar Tyagi, Eirrtty Kapoor	System And Method For Iot Sensors Based E-Wallet Management	Dr. Ashish Tripathi, Vaibhav Tyagi , Dr. Arun Kumar Singh , Arjun Choudhary, Kiran Kumar, Dheerendra Kumar Tyagi, Eirrtty Kapoor	10-09-2021
92	20211104 6144	Published	Dr. Rajenderkumar Dr. Kanta Prasadsharma Dr. Sanjay Kumar	Internet Of Thing (Iot) Based System And Method For Monitoring Agriculture	Dr. Rajenderkumar Dr. Kanta Prasadsharma Dr. Sanjay Kumar	29-10-2021
93	20211105 2168	Published	Dr. Ashish Tripathi, Mr. Vaibhav Tyagi Dr. Arun Kumar Singh Dr. Pushpa Choudhary Dr. Sanjeev Sharma Mr. Dheerendra Kumar Tyagi Ms. Eirrtty Kapoor	Iot Based Health Monitoring	G L Bajaj Institute Of Technology And Management	26-11-2021
94	20211105 2169	Published	Rajat Mehrotra, Alok Ojha, Devansh Solanki	Method And System To Manage Electronic Medical Record	G L Bajaj Institute Of Technology And Management	26-11-2021
95	20211105 2170	Published	Dr. Pushpa Choudhary, Mr. Arjun Singh, Mr. Naman Abhishek, Mr. Aniket Jaiswal	System And Method To Track An Outbreak Of A Pandemic Disease	G L Bajaj Institute Of Technology And Management	26-11-2021
96	20211105 2171	Published	Priyanka Datta, Omkareshwar Tripathi, Pankhuri Srivastava, Arjun Chakraverty, Nivedita Ranjan, Jay Singh, Nagendra Kumar	Method And System To Detect A Face Mask Wearing Status	G L Bajaj Institute Of Technology And Management	26-11-2021

97	20211105 2172	Published	Khushal Verma , Savita Chauhan, Jay Singh, Priyanka Datta, Nagendra Kumar	Method And System To Authenticate A Person	G L Bajaj Institute Of Technology And Management	26-11-2021
98	20211105 2173	Published	Mr. Rajat Mehrotra, Dr. Mohit Bansal	Method And System To Detect The Vital Health Parameters Of A Person	G L Bajaj Institute Of Technology And Management	26-11-2021
99	20211105 2174	Published	Nagendra Kumar, Ms. Reda Ansari, Mr. Shubham Kumar, Ms. Tannu Singh, Mr. Mayank Rai	Method And System To Detect An Atmospheric Condition Of An Ambience	G L Bajaj Institute Of Technology And Management	26-11-2021
100	20211105 4171	Published	Dr. Pushpa Choudhary, Mr. Arjun Singh, Dr. Arun Pratap Srivastava, Dr. Sanjeev Sharma	Method And System To Manage An Elevator Of A High-Rise Building	G L Bajaj Institute Of Technology And Management	03-12-2021
101	20211105 4176	Published	Dr. Pushpa Choudhary, Mr. Arjun Singh, Mr. Arun Kumar Singh, Dr. Ashsih Tripathi, Mr. Dheerendra Tyagi	Method And System To Enhance Yield Of The Crops	G L Bajaj Institute Of Technology And Management	03-12-2021
102	20211105 4177	Published	Dr. Pushpa Choudhary, Mr. Arjun Singh, Dr. Sanjeev Sharma	Method And System To Manage A Dry Waste Material And Wet Waste Material	Gl Bajaj Institute Of Technology & Management, Dr. Pushpa Choudhary	03-12-2021
103	20211105 4178	Published	Mr. Arjun Singh, Dr. Pushpa Choudhary	Automated Management Of Railway Crossing At A Railroad-Crossing Junction	G L Bajaj Institute Of Technology And Management	03-12-2021
104	20211105 4179	Published	Mohd Faraz Ansar, Asha Rani Mishra, Dr. Sanjeev	Iot Based Water Distribution System	G L Bajaj Institute Of Technology And Management	03-12-2021

			Kumar Pippal,Dr. Amrita Rai			
105	20211105 4180	Published	Mr. Arjun Singh, Dr. Pushpa Choudhary	Method And System To Notify An Accident Event	G L Bajaj Institute Of Technology And Management	03-12-2021
106	20211105 4181	Published	Dr. Pushpa Choudhary,Mr. Arjun Singh,Mr. Arun Kumar Singh,Mr. Mahesh Kumar Singh	Method And System To Record A Traffic Violation Event	G L Bajaj Institute Of Technology And Management	03-12-2021
107	20211105 4298	Published	Dev Parihar,Dr. Amrita Rai,Dr. Satyendra Sharma	Semi Automated Robot For Disinfection	G L Bajaj Institute Of Technology And Management	03-12-2021
108	20211105 4299	Published	Dr. Ashish Tripathi,Dr. Arun Kumar Singh,Dr. Prem Chand Vashist,Mr. Anand Bhushan Pandey,Mr. Kiran Kumar	System And Method For Crop Management	G L Bajaj Institute Of Technology And Management	03-12-2021
109	20211105 4300	Published	Dr. Amrita Rai, Dr. Sanjeev Sharma, Shylaja Vinaykumar Karatangi,Asha Rani Mishra	Method And System To Monitor An Agricultural Field	Gl Bajaj Institute Of Technology & Management, Dr. Amrita Rai, Dr. Sanjeev Sharma, Shylaja Vinaykumar Karatangi	03-12-2021
110	20211105 4301	Published	Dr. Ashish Tripathi Dr. Arun Kumar Singh G L Bajaj Institute Of Technology And Management	Iot Based Intelligent Surveillance System	Dr. Ashish Tripathi Dr. Arun Kumar Singh G L Bajaj Institute Of Technology And Management	03-12-2021

111	20211105 4302	Published	Kailash Sharma,Rajat Mehrotra,Chitra Sharma,Purnima Pandey,Ravi Prakash,Shivam Saurav	Fire-Fighting Robot	Gl Bajaj Institute Of Technology & Management	03-12-2021
112	20211105 4303	Published	Dr. Ashish Tripathi,Fahad Ali Khan,Dr. Arun Kumar Singh,Kavya Agrawal,Vaibhav Tyagi	Smart Waste Management System	Gl Bajaj Institute Of Technology & Management	03-12-2021
113	20211105 4304	Published	Dr. Arun Kumar Singh,Dr. Ashish Tripathi,Dr. Pushpa Choudhary,Mr. Arjun Singh,Mr. Kiran Kumar,Dr. Prem Chand Vashist	Iot Based Smart Parking	Gl Bajaj Institute Of Technology & Management	03-12-2021
114	20211105 7737	Published	Prof. (Dr.) Anil KumarDr. Rashmi Mishra Dr Adarsh Mangal Dr Hambeer Singh Dr. Sachin Kumar Dr.Ruchi Gupta Dr Sajjan Lal Dr Rupa Rani Sharma	A System For Mathematical Representation Of VariousPhysical Systems Using Interactive Graphic User InterfaceAnd Method Thereof	Prof. (Dr.) Anil KumarDr. Rashmi Mishra Dr Adarsh Mangal Dr Hambeer Singh Dr. Sachin Kumar Dr.Ruchi Gupta Dr Sajjan Lal Dr Rupa Rani Sharma	17-12-2021
115	20211105 8841	Published	Dr. Dharamvir Mangal Dr. Tarun Kumar Gupta Dr Dalvinder Kaur Mangal Sarika Gupta	Smart Cooking Appratus	Dr. Dharamvir Mangal Dr. Tarun Kumar Gupta Dr Dalvinder Kaur Mangal Sarika Gupta	31-12-2021

116	20214102 6441	Published	S. Sweetline Shamini Mala Yadav Rajesh Narayan Deo Amit Kumar Kesarwani Nand Kishore Dr. Suresh Seetharaman Dr. Theresa Cenate C F Dr. N. Manikandan Chandan Kumar Dr. B. Muthuvel	Embedded Based Smart Gardening System	S. Sweetline Shamini Mala Yadav Rajesh Narayan Deo Amit Kumar Kesarwani Nand Kishore Dr. Suresh Seetharaman Dr. Theresa Cenate C F Dr. N. Manikandan Chandan Kumar Dr. B. Muthuvel	02-07-2021
117	20221103 1374	Published	Shashank Awasthi,Rudra Pratap Ojha,Satya Prakash Yadav,Mahaveer Singh Naruka,Sachin Yadav	Federated Learning Method For Empowered Internet Of Vehicles In Smart City Sensing	G.L. Bajaj Institute Of Technology And Management	10-06-2022
118	20221103 1413	Published	Mahaveer Singh Naruka,Shashank Awasthi,Satya Prakash Yadav,Rudra Pratap Ojha,Sachin Yadav	Fog Assisted Intelligent Intrusion Detection/Prevention System For Iot Networks	G. L. Bajaj Institute Of Technology And Management	10-06-2022
119	20221103 1429	Published	Aditya Kumar Singh,Dr. Amrita Rai,Mr. Puneet Mishra,Dr. Sanjeev Sharma	System And Method For Wireless Charging Of A Battery	G. L. Bajaj Institute Of Technology And Management	10-06-2022
120	20221103 1456	Published	Khushi Goel	Waste Management System And Method	G. L. Bajaj Institute Of Technology And Management	24-06-2022
121	20221103 1482	Published	Prakhar Gupta,Ankit Singh,Prabhat Kumar Rai,Anuj Yadav,Dr. Rajiv Kumar	Goods Delivery Human Efforts Reducing App Platform System And Method Thereof	G. L. Bajaj Institute Of Technology And Management	10-06-2022

122	20221103 2122	Published	Birendra Kumar Saraswat, Prof. (Dr.) P.C. Vashist, Dr. Sanjeev Sharma, Aman Chaturvedi, Subhashi, Sonam Tomar, Hari Om Verma	Smart Dustbin	G. L. Bajaj Institute Of Technology And Management	10-06-2022
123	20221103 2123	Published	Satya Prakash Yadav, Shashank Awasthi, Rudra Pratap Ojha, Mahaveer Singh Naruka, Sachin Yadav	Underwater Sensor Network	G. L. Bajaj Institute Of Technology And Management	10-06-2022
124	20221103 2124	Published	Shubhi Sharma, Nikhil Mishra	Vehicle Fleet Modernization Plan	G. L. Bajaj Institute Of Technology And Management	10-06-2022
125	20221103 2126	Published	Ratnesh Chandra, Manish Rajpoot	Uv Sanitization And Monitoring System	G. L. Bajaj Institute Of Technology And Management, Dr. Shashank Awasthi, Dr. Rudra Pratap Ojha	10-06-2022
126	20221103 6509	Published	Ms. Smriti Sachan, Dr. Shilpa Choudhary	Dual-Material, Gate-Oxide-Stack Tfet Based No2 Gas Sensor And Method For Manufacturing Thereof	G. L. Bajaj Institute Of Technology And Management	08-07-2022
127	20221103 6521	Published	Kaushlesh Kumar, Dr. Shashank Awasthi	Smart Water Table Management System	G. L. Bajaj Institute Of Technology And Management	08-07-2022
128	20221103 6528	Published	Aman Pratap Singh, Himanshu Sahu, Vikrant Singh	Drone For Agriculture	G. L. Bajaj Institute Of Technology And Management	08-07-2022
129	20221103 6530	Published	Rajat Mehrotra, Rajeev Agrawal, M.A. Ansar	System And Method For Detection And Classify Lungs Of Covid-19 Using Cxr	G. L. Bajaj Institute Of Technology And Management	08-07-2022
130	20221103 6537	Published	Dev Parihar, Dr. Amrita Rai, Dr. Satyendra Sharma	Compressor Less Vaccine Cooling Box	G. L. Bajaj Institute Of	08-07-2022

					Technology And Management	
--	--	--	--	--	------------------------------	--

3. Infrastructure Facilities at GL Bajaj

Auditorium/ Seminar Halls/Conference Halls

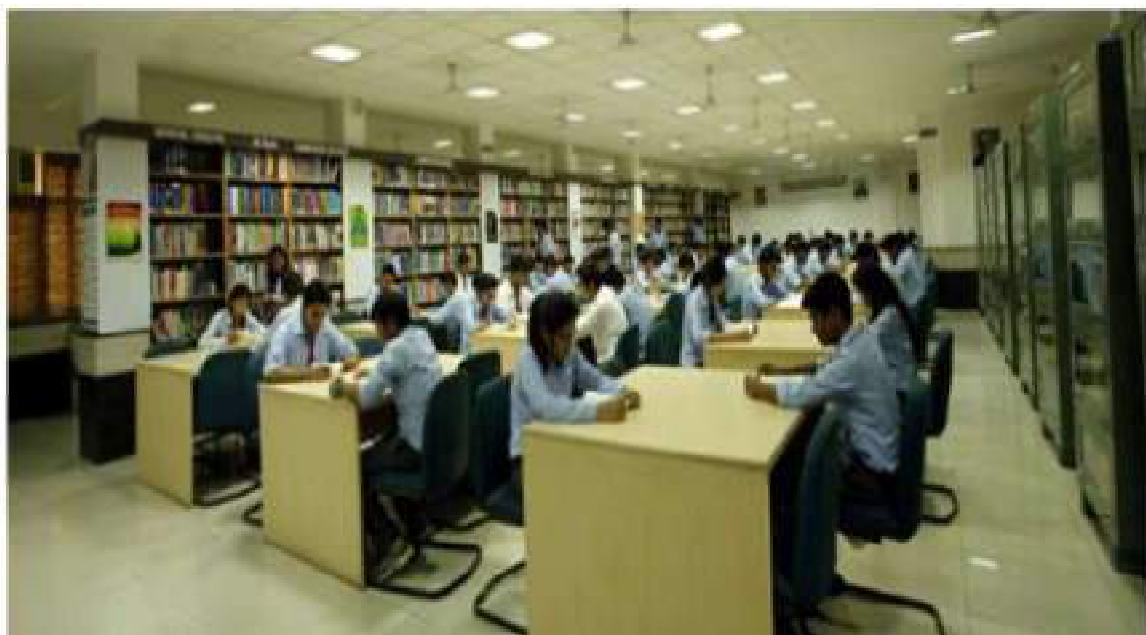




Offices



Library





RFID based fully automatic Library

Incubation Centre



Simulation Lab



Automation Lab



Industrial Automation Lab, Department of Electrical & Electronics Engineering helps in spreading awareness about projects on automation



iOS Lab



iOS Lab was inaugurated by Mr. Sumal Abraham Varghese, Chief Group Manager - Human Resources Adventz Group (formerly K K Birla Group).

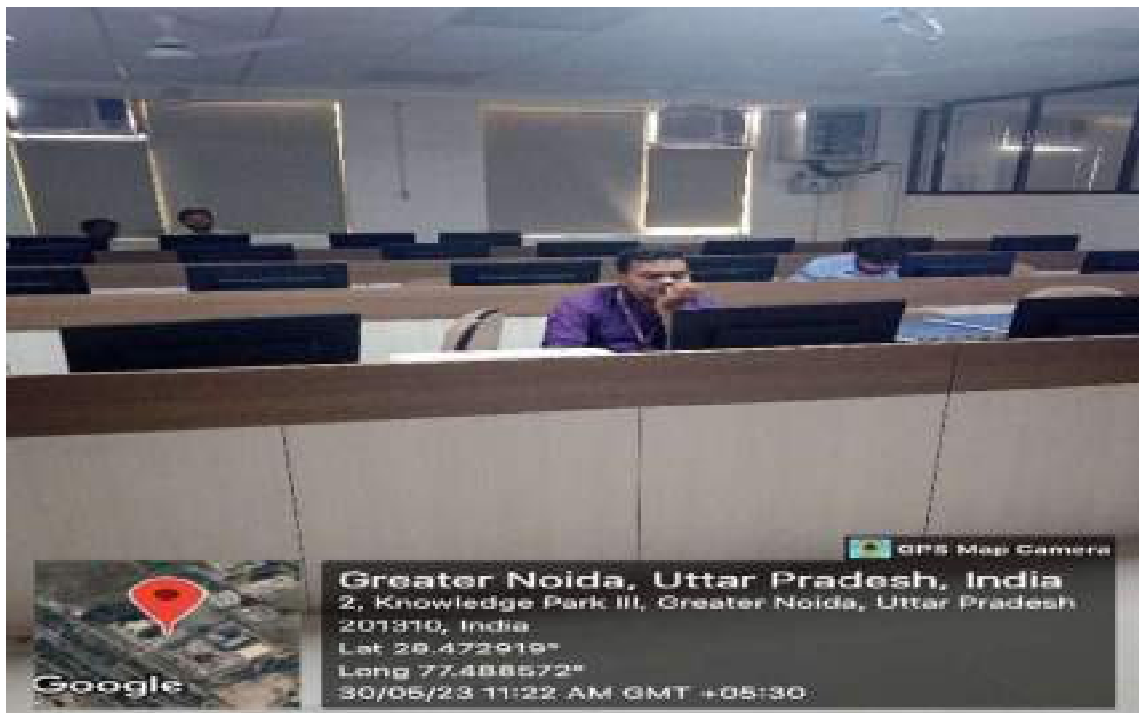


Advanced Centres

ABB Centre for Robotic Welding



ABB Centre for Robotic Welding was setup in partnership with ABB by GL Bajaj Institute of Technology and Management, in order to provide a world class exposure to the changing production scenario in industries.



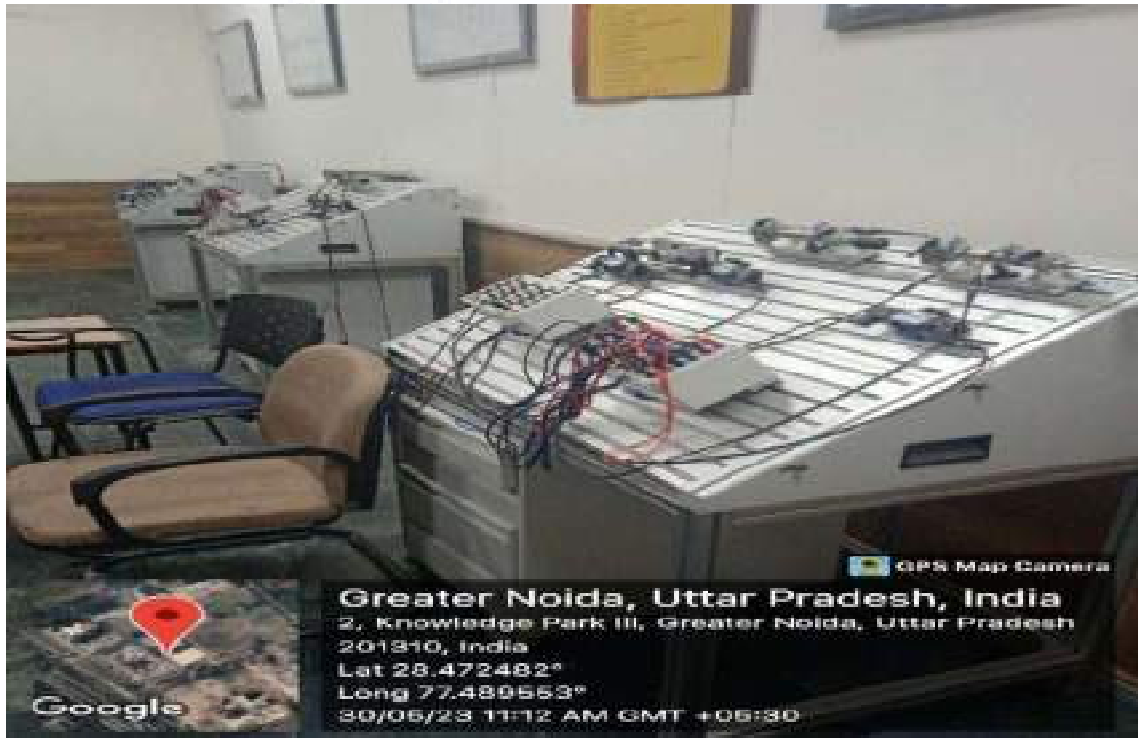
SAP Lab



Industry 4.0



CIM Lab



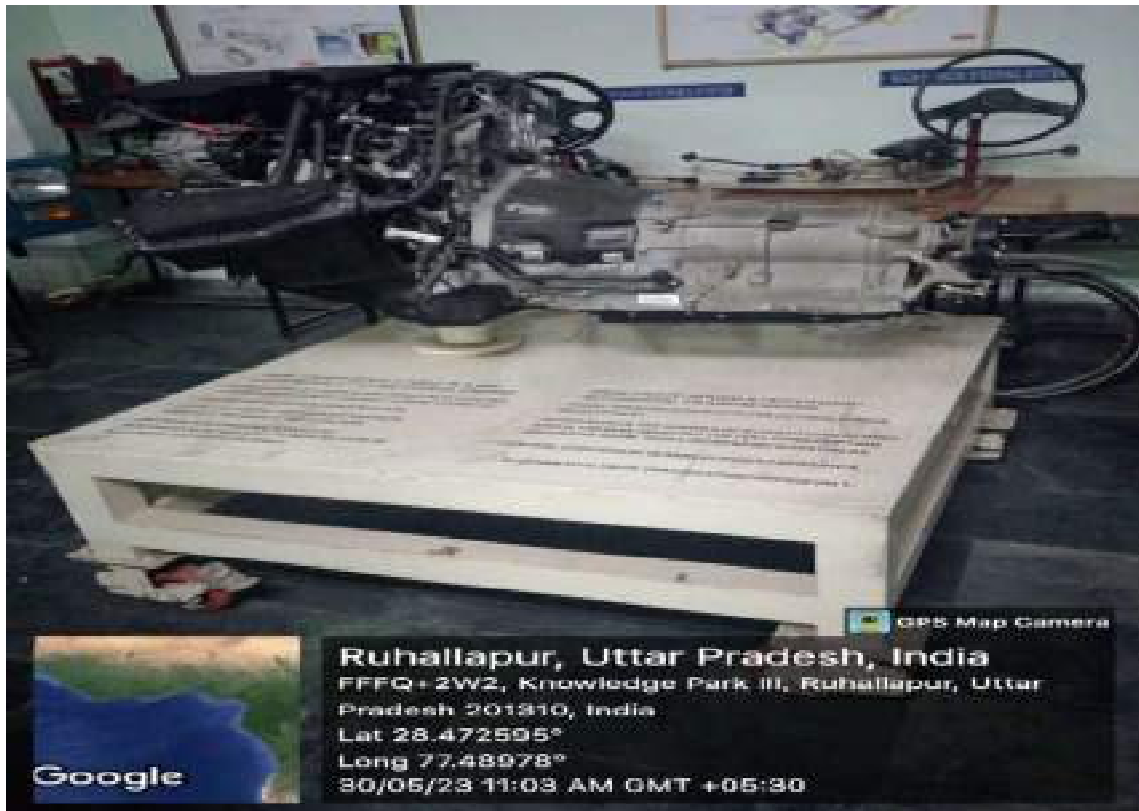
Pneumatic and Automation Lab



Additive Manufacturing Lab

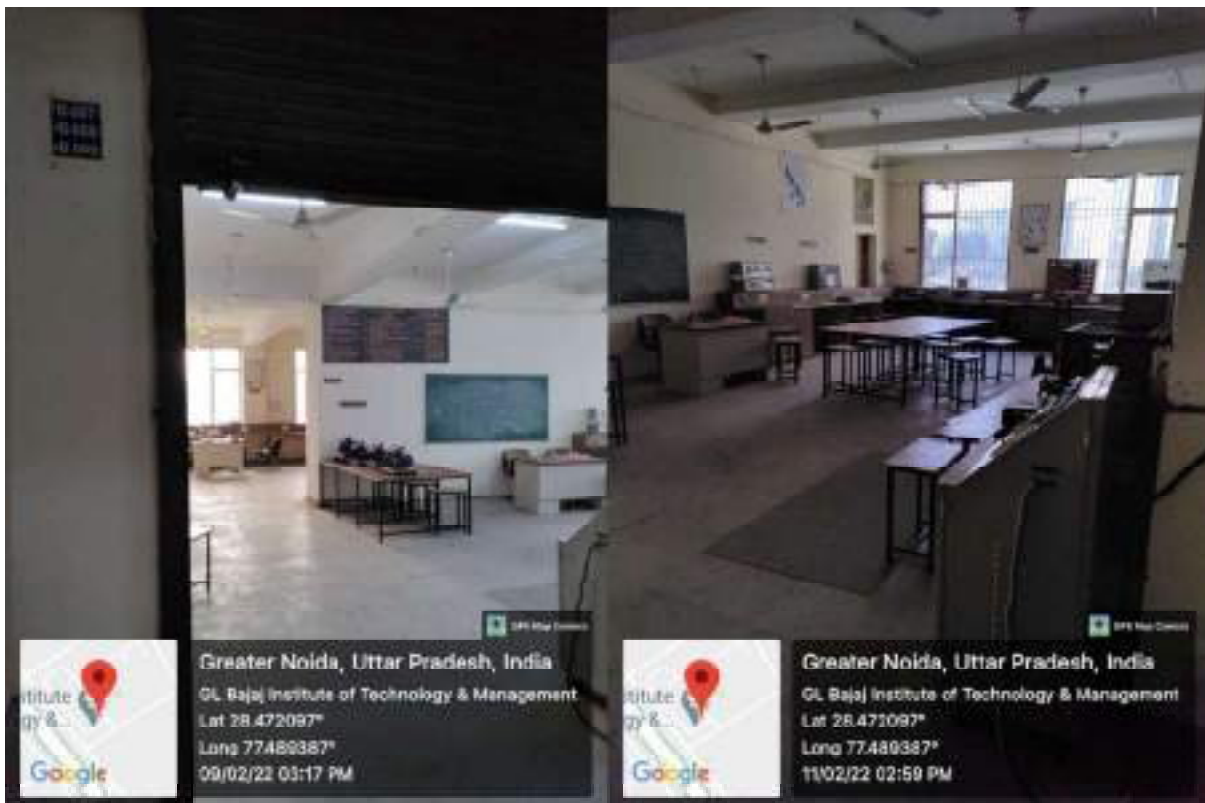


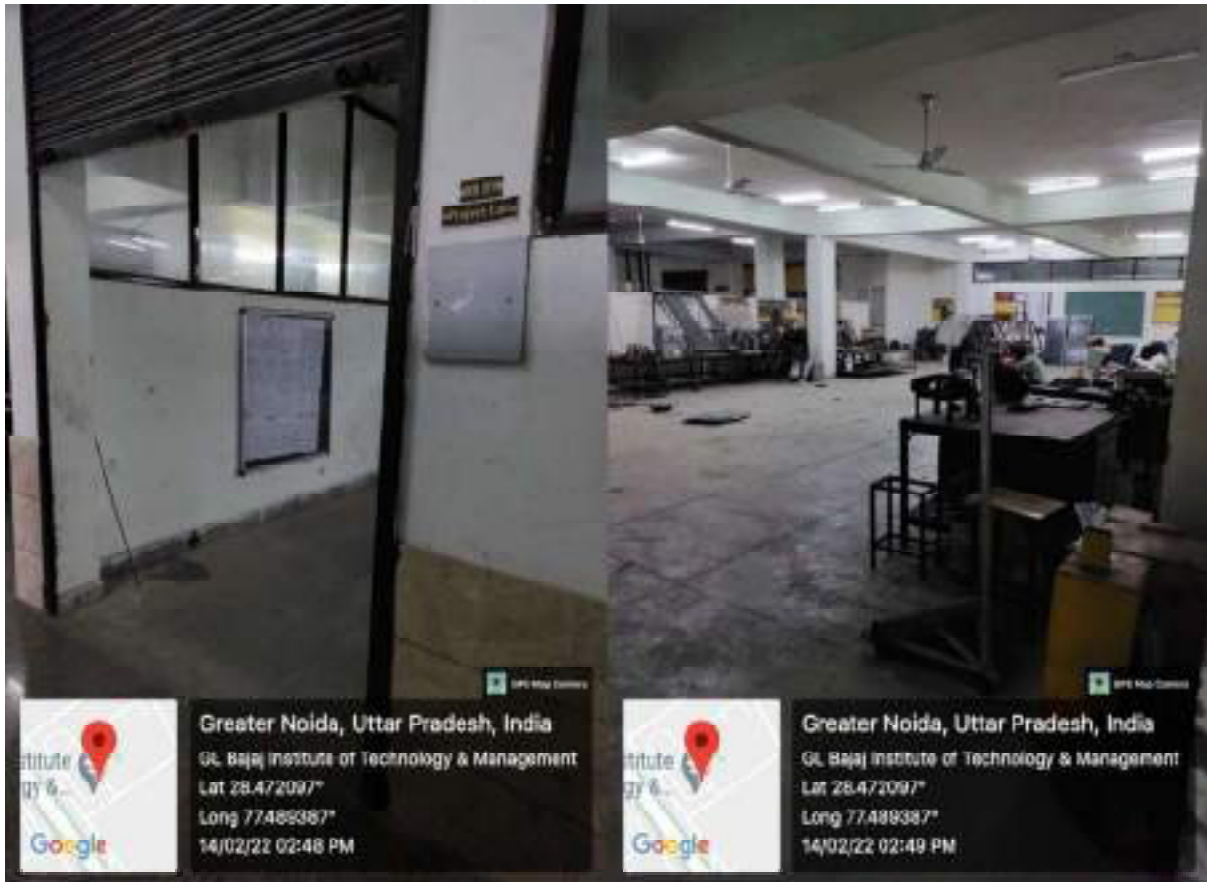
Material Processing Lab



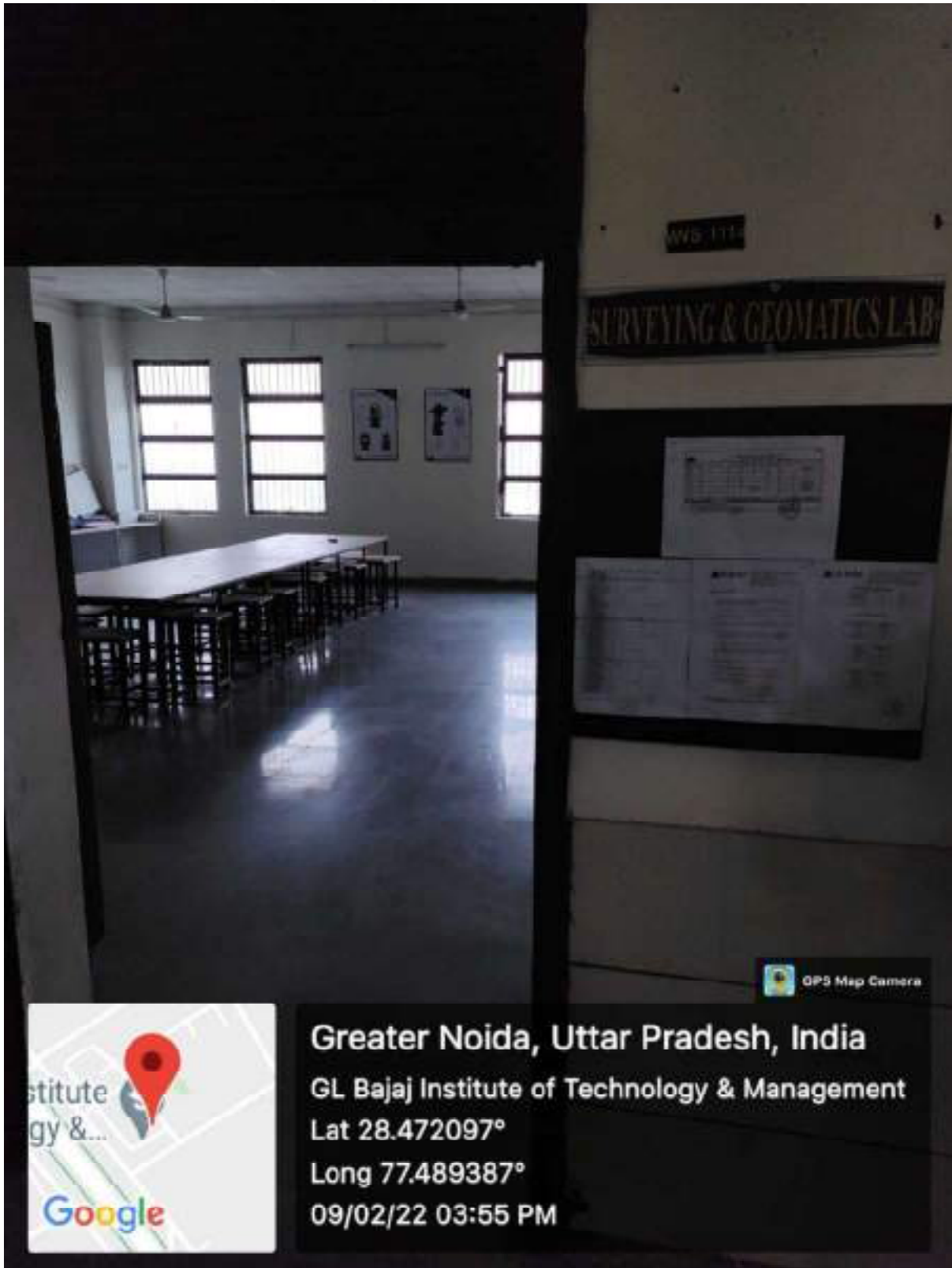
BMW Skill Next Generation Lab

Various Labs









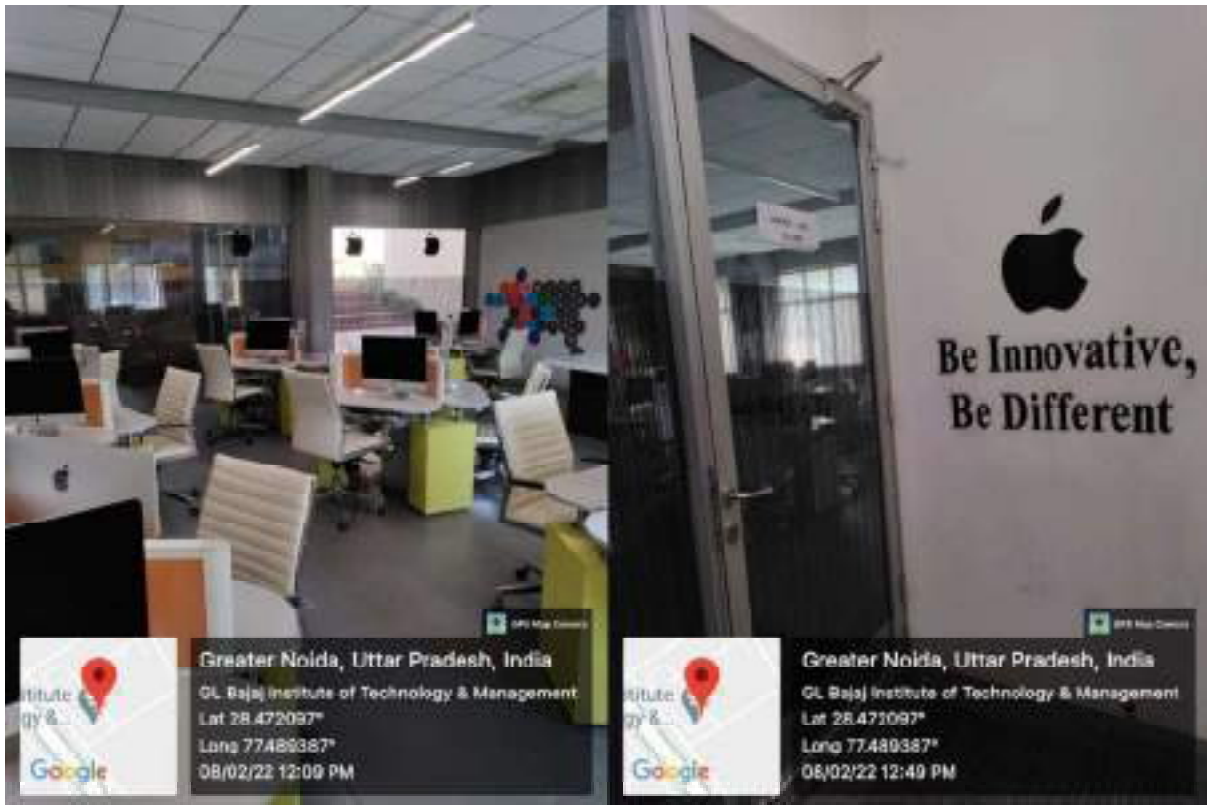
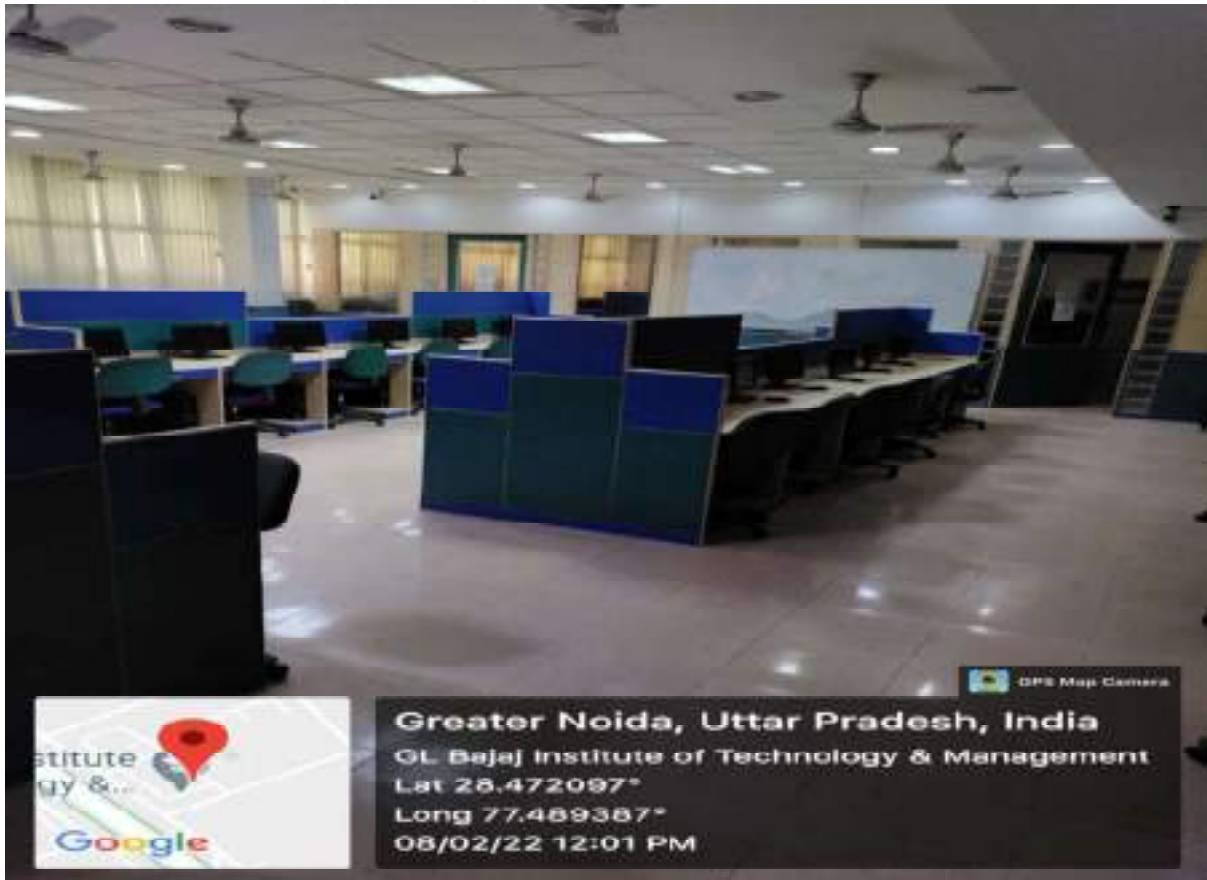
Greater Noida, Uttar Pradesh, India

GL Bajaj Institute of Technology & Management

Lat 28.472097°

Long 77.489387°

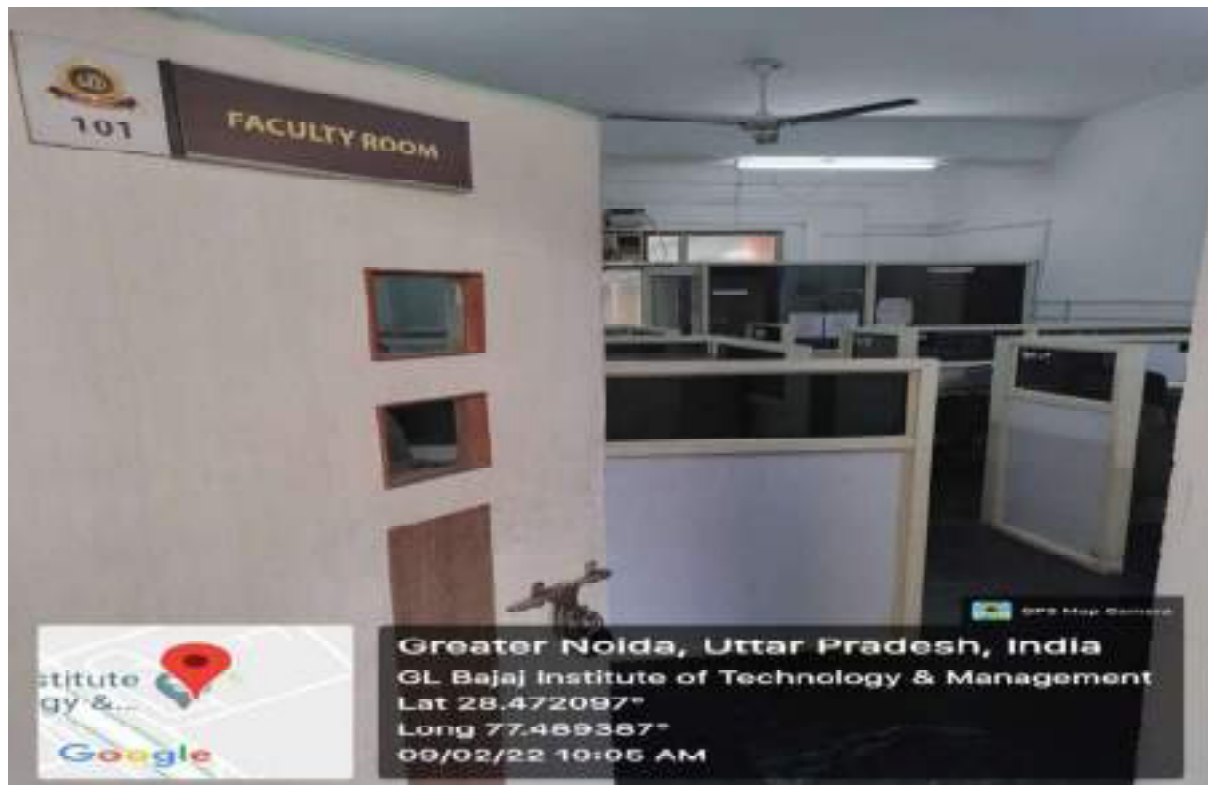
09/02/22 03:55 PM







Faculty rooms



Class rooms



Boys Hostel





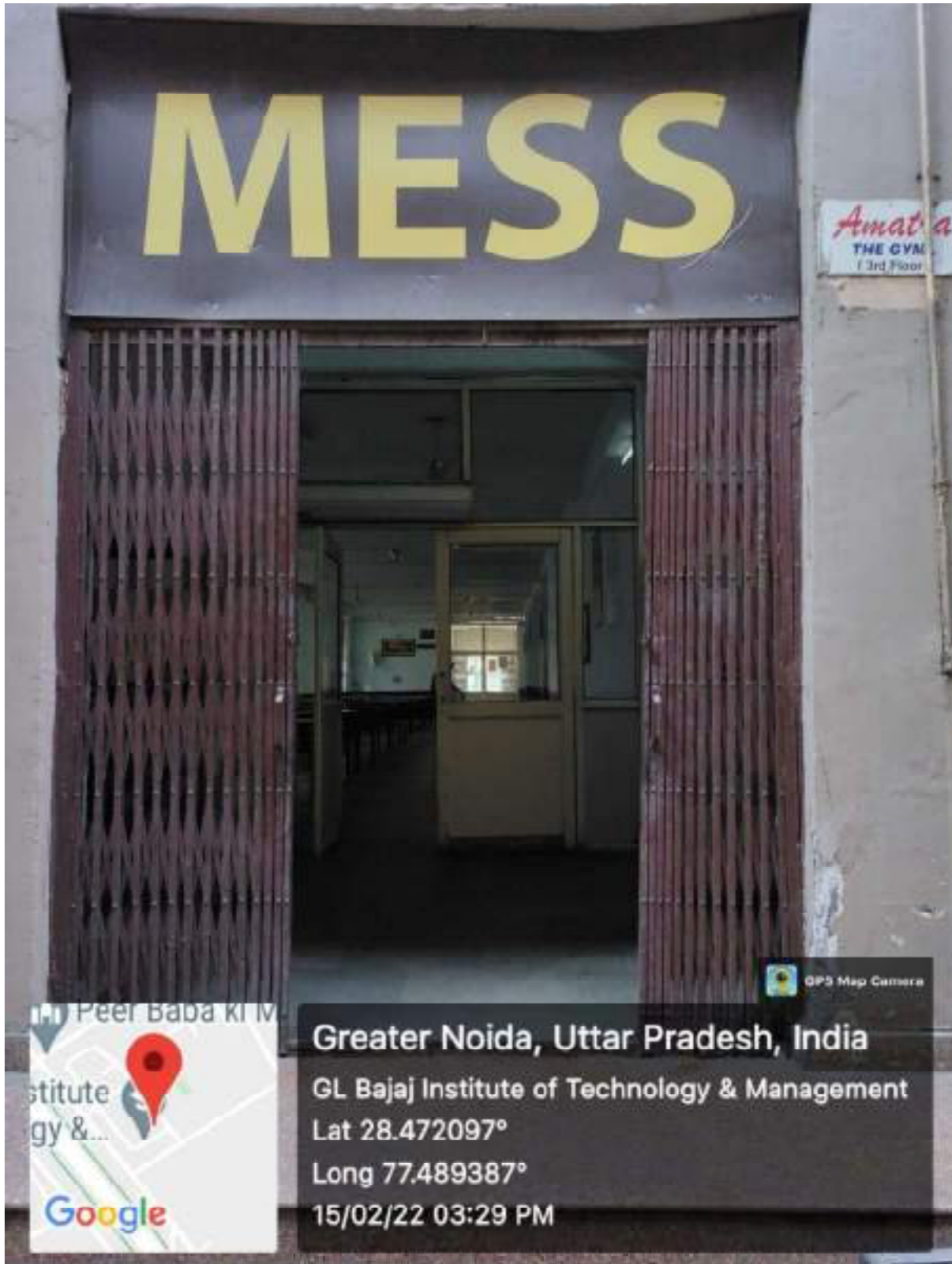
GYM Facility

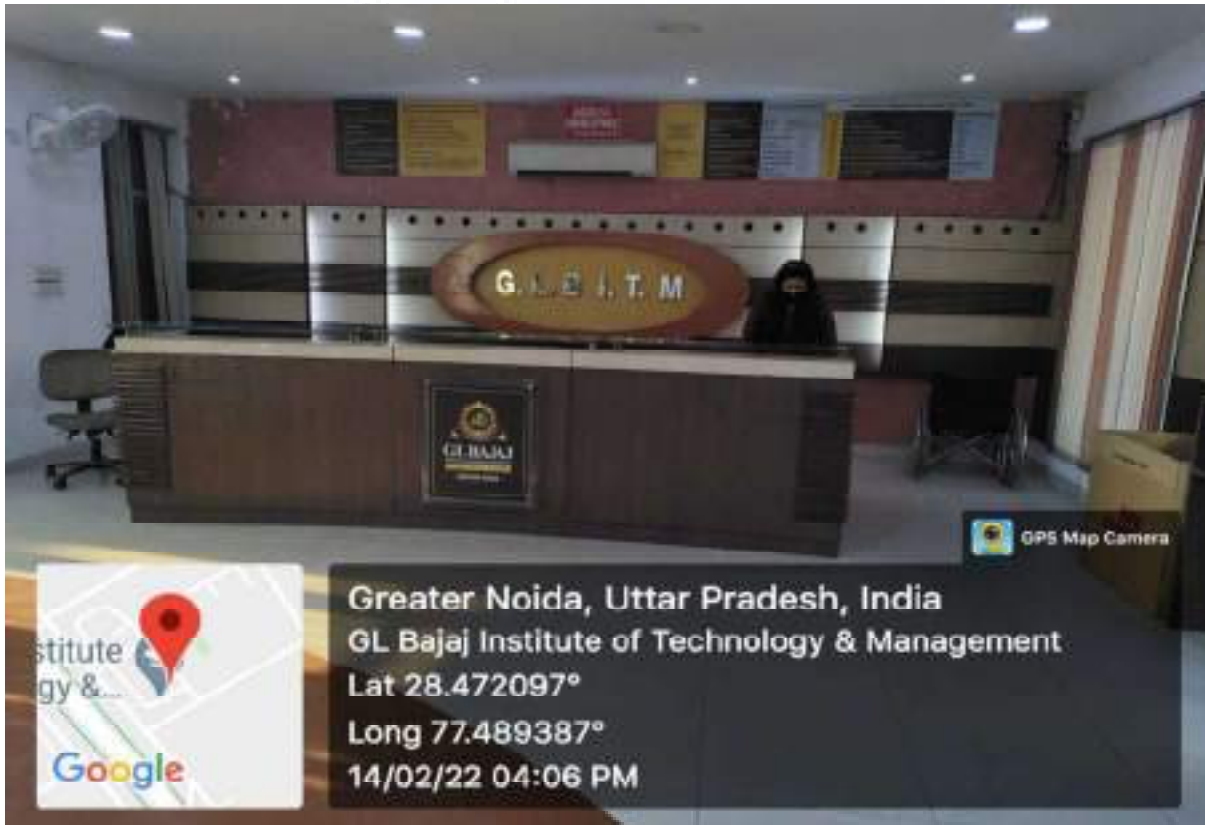


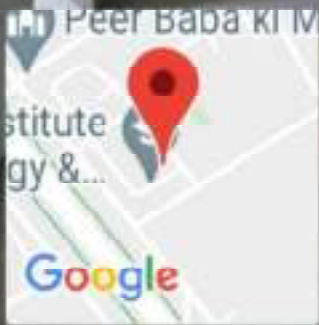
Mess, Cafeteria and Sport Club











Greater Noida, Uttar Pradesh, India
GL Bajaj Institute of Technology & Management
Lat 28.472097°
Long 77.489387°
15/02/22 03:26 PM

