



Swami Keshvanand Institute of Technology,
Management & Gramothan (SKIT), Jaipur

Department of **MECHANICAL ENGINEERING**

Innovate. Design. Build.



Newsletter Biannual Bulletin

UPDATES AND INNOVATIONS IN ENGINEERING

December 2023 Edition

Volume 3, Issue 1

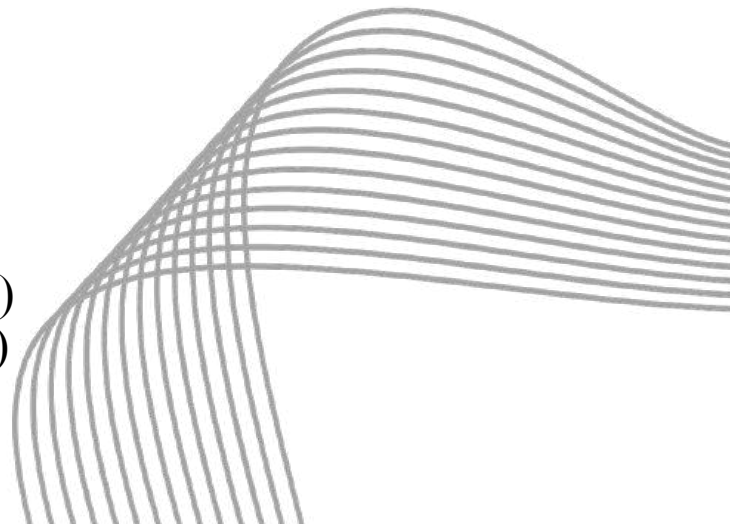
Editors

Namita Soni (Assistant Professor)

Monika Khurana (Assistant Professor)

Priyambada Singh Shekhawat (Student)

Pushpendra Singh Shekhawat (Student)



CONTENTS

- **About the Department**
- **From Editor's Desk**
- **From HOD's Desk**
- **Vision and Mission of the Department**
- **Departmental Activities**
- **Faculty Achievements**
- **Faculty Participations**
- **Student Achievements**
- **Alumni Connect**
- **Contact us**

About the Department

The Department of Mechanical Engineering started its academic activities in the year 2003 with an objective of incorporating excellence in teaching-learning, research and development, entrepreneurship and industry outreach activities. Presently, the department offers B. Tech. (Mechanical Engineering), M. Tech. (Renewable Energy Technology) and PhD programmes. The department has modern laboratories developed and designed from the perspective of the latest requirements of industry and academia. The B.Tech. programme was accredited in 2009 and subsequently re-accredited by NBA.



From the Editor's Desk

We are delighted to bring you this latest edition of the Mechanical Engineering newsletter, a vibrant showcase of the department's academic progress, research innovations, and student-driven initiatives. This edition celebrates the dedication and enthusiasm that define our community. We hope these pages offer insight, inspiration, and a deeper connection to the dynamic spirit of our department.



Ms. Namita Soni
(Chief Editor)

From the HOD's Desk

As the semester unfolds, we embrace new opportunities with renewed purpose and determination. This period marks a time of growth — academically, professionally, and personally. Our students and faculty continue to excel through innovation, collaboration, and a shared passion for mechanical engineering. Let us keep striving toward excellence and shaping a future we can all be proud of.



Dr. Dheeraj Joshi
(Professor and Head)

Vision and Mission of the Department

Vision

To become a nationally visible mechanical engineering department with excellence in teaching-learning, research and development, entrepreneurship and industry outreach activities.

Mission

M1 - To provide facilities and environment conducive to high quality education and research and development in the field of mechanical engineering.

M2 - To inculcate technical, professional and communication skills in students, staff and faculty members.

M3 - To instil innovative skills, critical thinking, leadership & team work in students through various teaching-learning activities and industry linkages

M4 - To inculcate strong ethical qualities in the students and faculty for realizing lifelong learning and serving the society and nation at large.



DEPARTMENTAL ACTIVITIES



Five-Day Pre-Conference Short-Term Training Programme on IC Engine Testing and Simulation (Hybrid Mode) October 10th to October 14th, 2023.

A Five-Day Pre-Conference Short-Term Training Programme (STTP) on IC Engine Testing and Simulation in Hybrid Mode was conducted from October 10th to October 14th, 2023. Over 250 participants from different regions of India actively took part in this event. This comprehensive program featured a series of eight informative sessions, where experts from esteemed institutions and industries across India shared their insights on various aspects of IC engine testing and simulation.

Inauguration: The STTP commenced with a warm welcome note from Prof. S.L. Surana, Director of Academics SKIT. Prof. Ashish Nayyar, the Coordinator of the STTP, elucidated the program's objectives, and Dr. Chandan Kumar, another Coordinator, presented the overarching theme and schedule. The inaugural session received its chief guest, Prof. Dilip Sharma from MNIT Jaipur, who delivered an enlightening talk on IC engine testing and simulation, with a focus on Diesel RK software and the impact of alternative fuels on engine performance.

Techfest Zonal "Technorian-2023" (15 October, 2023)

Tech Fest Zonal "Technorian-2023" was organized on 15 October by the Robotics Club of the Mechanical Department of Swami Keshavanand Institute of Technology, Management and Gramothan, Jagatpura, under the joint aegis of IIT, Bombay. The aim of the event is to organize a zonal for Techfest which has a total of 4 events or competitions and participants from all over India. Interesting competitions like Code-Decode, Cosmo-Clench, Mesmerize, as well as Olympiad were held in the Tech Fest. More than 600 participants from various engineering colleges and schools from different states besides Rajasthan participated in the program. During this event, the Director (Academics) of the Institute, Prof. S. L. Surana distributed prizes and conveyed their best wishes to the participants. The program coordinators were Sudesh Garg (Assistant Professor, ME) and Brij Mohan Sharma (Assistant Professor, ME). The competitions were accomplished under the guidance of Mr. Praveen Saraswat (Asso. Professor, ME), Mr. Arun Beniwal (Assistant Professor, ME), and Mr. Pramod Jain (Assistant Professor, ME). In the end, program coordinator Sudesh Garg delivered a vote of thanks to the participants, guests, and visitors.

DEPARTMENTAL ACTIVITIES



Online Expert Talk on ‘Strategy to Crack GATE & Other Competitive Exams’ (31, October 2023)

The Department of Mechanical Engineering, SKIT, Jaipur organized an expert talk of Mr. Jitendra Tiwari (Education Expert) on “Strategy to Crack GATE & Other Competitive Exams” from 10:00 AM to 11:00 PM on 31, October 2023.

In this talk, the expert explained the importance of the GATE Exam to engineering students and the opportunity to secure good marks. He discussed the effective preparation planning of GATE and other competitive Examinations (i.e., IES, IAS A En, J. En., etc.). He said that self-made notes are very effective for quick revision. He further highlighted following points in the talk:

- Various career opportunities.
- Take advantage of the growing demand for core branches in the government sector.
- There are immense opportunities in the PSU sector for mechanical & electrical engineering students.
- How to face different phases of recruitment (Written Test/GD/Interview).

At the end of the talk, query session was organised and students gave positive feedback for this talk. Vote of thanks was given by Madhukar Kumar. A total of around 200 participants (41 students and faculty of ME) participated in the talk.

DEPARTMENTAL ACTIVITIES



4th International Conference on “New and Renewable Energy Resources for Sustainable Future” (ICONRER-2023).

In the wake of the 4th International Conference on New and Renewable Energy Resources (ICONRER), orchestrated by the esteemed Department of Mechanical Engineering at the Swami Keshvanand Institute of Technology, Management and Gramothan in conjunction with the Institution of Engineers India (IEI) and the Department of Mechanical Engineering at Assuit University, Egypt, the grandeur of this landmark event shone brightly during November 2nd to 4th, 2023. This significant conference marks the fourth installment in the ICONRER Series, an epitome of scholarly discussions, technological advancements, and visionary insights in the realm of renewable energy. Prof. Ashish Nayyar acted as Principal Coordinator for the conference along with Dinesh Kumar Sharma, Ankit Agarwal and Dr. Chandan Kumar as convenors and Mr. Naveen Kumar Sain as organizing secretary. Over 300 papers were submitted, with 110 accepted, and conference proceeding titled "Energy and Sustainability" published. The conference, emphasizing sustainability, marked a significant milestone in advancing renewable energy knowledge.

The 3-day ICONRER conference commenced with a distinguished inaugural ceremony featuring dignitaries like Shri Ajitabh Sharma (CMD, JCTSL), Shri Anil K Narang (BARC), and Dr. Golo Pilz (IndiaCare Trust, Germany). Key discussions emphasized sustainability, nuclear and solar energy, and the global role of India in renewable innovation. Technical sessions included advanced research on HCCI engines, energy storage via capacitors, electric and hydrogen vehicles, and biofuels. Participants also explored a biogas plant at Hingonia Gaushala during an industrial visit. The event inspired meaningful dialogue and reaffirmed the department's commitment to a sustainable future.

FACULTY ACHIEVEMENTS

PAPERS PUBLISHED IN JOURNAL

AUTHOR/S	TITLE	JOURNAL
Dharmendra Hariyani, Sanjeev Mishra, Milind Kumar Sharma, Poonam Hariyani	A study of the barriers to the adoption of integrated sustainable-green-lean-six sigma-agile manufacturing system (ISGLSAMS) in Indian manufacturing organizations.	Cleaner Waste Systems, Vol. 5; (2023) pp. 100098
Dinesh Kumar Sharma, Dilip Sharma, Ahmed Hamza H. Ali	Optimization and thermo-economic performance of a solar-powered vapor absorption cooling system integrated with sensible thermal energy storage.	Energy Conversion and Management :X, Vol. 20; (2023) pp. 100440
Vikash Gautam, Deepak Kumar, Ashiwani Kumar, M.J. Pawar	Investigation on dry abrasion wear of natural and synthetic fiber-reinforced polymer composites filled with stone waste.	Materials Today: Proceedings, (2023) pp. 1-6
Raj Kumar, Kedar Narayan Bairwa, and D. R. Reddy	Influence of addition of Al ₂ O ₃ and SiC on tensile and flexural characteristics of epoxy/glass fiber hybrid polymer composite	Materials Today: Proceedings, (2023)
Praveen Saraswat, Dheeraj Joshi, Manoj Kumar Sain, Sandeep Kumar Bhaskar	Experimental Investigation of Surface Roughness and MRR in Rotary-Ultrasonic Machining of Float Glass.	EVERGREEN Joint Journal of Novel Carbon Resource Sciences & Green Asia Strategy, Vol. 10; (2023) pp. 2675-2682.
Praveen Saraswat, Naveen Kumar Sain, Dheeraj Joshi, Sandeep Kumar Bhaskar	Experimental Investigation of Float Glass in Rotary Ultrasonic Machining for Sustainable Manufacturing.	EVERGREEN Joint Journal of Novel Carbon Resource Sciences & Green Asia Strategy, Vol. 10; (2023) pp. 2520-2527
Sandeep Kumar Bhaskar, Manoj Kumar Sain, Manu Augustine, Praveen Saraswat, Brij Mohan Sharma	Process improvement using Six Sigma DMAIC in the bearing component manufacturing industry: a case study.	International Journal of Industrial and Systems Engineering, Vol. 45; (2023) pp. 271-290.

FACULTY ACHIEVEMENTS

PAPERS PUBLISHED IN JOURNAL

AUTHOR/S	TITLE	JOURNAL
Namita Soni, Nitin Goyal, Monika Khurana	Impact of Filler on Mechanical and Dynamic Mechanical Properties of Waste Marble Dust Filled Aramid Fibre Reinforced Polymer Composites.	EVERGREEN Joint Journal of Novel Carbon Resource Sciences & Green Asia Strategy, Vol. 10; (2023) pp. 2632-2637.
Giriraj Mitharwal, Achin Srivastav, Deepak Kumar, Vikash Gautam, Varun Kumar	An Experimental Investigation of Rotary Ultrasonic Machining and Mechanical Property Evaluation on Hand Layup Fabricated Hybrid Composite.	EVERGREEN Joint Journal of Novel Carbon Resource Sciences & Green Asia Strategy, Vol. 10; (2023) pp. 2599-2606.
Deepak Kumar, Vikash Gautam, Achin Srivastav	An Investigation on Thermo-Mechanical Behavior of Injection Moulded PP-Compounds	EVERGREEN Joint Journal of Novel Carbon Resource Sciences & Green Asia Strategy, Vol. 10; (2023) pp. 2614-2619.
Achin Srivastav, Deepak Kumar, Prem Singh, Nidhi Srivastav	Development of Regression Equations for Stochastic Inventory System.	EVERGREEN Joint Journal of Novel Carbon Resource Sciences & Green Asia Strategy, Vol. 10; (2023) pp. 2654-2660.
Mithilesh Kumari, Deepak Kumar, Achin Srivastav	Analysis of process parameter effect on surface roughness and mechanical property during Fused Deposition Modeling on PLA.	SKIT Research Journal, Vol. 13; (2023) pp. 70-76.
Praveen Saraswat, Naveen Kumar Sain, Dheeraj Joshi, Sandeep Kumar Bhaskar	Experimental Investigation of Float Glass in Rotary Ultrasonic Machining for Sustainable Manufacturing.	EVERGREEN Joint Journal of Novel Carbon Resource Sciences & Green Asia Strategy, Vol. 10; (2023) pp. 2520-2527
Deepak Kumar, Achin Srivastav, Vikash Gautam	Morphological Analysis of Injection Molded PP-Alumina Composites.	SKIT Research Journal, Vol. 13; (2023) pp. 65-69.

FACULTY ACHIEVEMENTS

PAPERS PUBLISHED IN JOURNAL

AUTHOR/S	TITLE	JOURNAL
Vikash Gautam, Deepak Kumar, Ashiwani Kumar, M.J. Pawar	Investigation on dry abrasion wear of natural and synthetic fiber reinforced polymer composites filled with stone waste.	Materials Today: Proceedings, (2023) pp. 1-6.
Devesh Tiwadi, Brij Mohan Sharma, Praveen Saraswat, Sandeep Kumar Bhaskar	Interrelationship Modeling Among Weld Strength Improvement by Parametric Approach in TIG Welding using DEMATEL Software.	EVERGREEN Joint Journal of Novel Carbon Resource Sciences & Green Asia Strategy, (2023), Vol. 10 pp. 2564-2569.
Chandan Kumar, Ankit Agarwal, Aishwarya Sharma Kumari, Prem Singh, Achin Srivastav	Parametric Approach for Making a Building Energy Efficient.	SKIT Research Journal, (2023), Vol. 13 pp. 78-82.
Pramod Jain, Saurabh Gupta, Prem Singh, Manoj Kumar Saini, Jancy C Joshwa, Jalaj Prakash Gupta, Kaelin	Design and Fabrication of a Portable Vertical Axis Wind Turbine for Sustainable Off-Grid Power Generation	SKIT Research Journal, (2023), Vol. 13 pp. 83-92.
Arun Beniwal, Chandan Kumar, Dinesh Kumar Sharma, Amit Jhalani	Thermal Regulation and Performance Enhancement of Solar PV Panel Using PCM OM29	EVERGREEN Joint Journal of Novel Carbon Resource Sciences & Green Asia Strategy, (2023), Vol. 10 pp. 2583-89.
Dinesh Kumar Sharma, Dilip Sharma, Ahmed Hamza H Ali	Experimental Study on Performance of a Solar Thermal-Driven Vapor Absorption System Integrated With Hot Thermal Energy Storage for Milk Chilling	ASME Journal of Solar Energy Engineering, (2023), Vol. 146 pp. 31011.
Praveen Saraswat, Pardeep Kumar, Manoj Kumar Sain, Naveen Kumar Sain, Dinesh Kumar Sharma	Effect of Coil and Pitch Variation on Performance of Wire Coil Insert in Tubes.	SKIT Research Journal, (2023), Vol. 13 pp. 60-64.

FACULTY ACHIEVEMENTS

PAPERS PUBLISHED IN JOURNAL

AUTHOR/S	TITLE	JOURNAL
Abhay Raj, Ashish Nayyar, Arun Beniwal	Overall heat transfer analysis of Shell & Tube Heat Exchanger using CFD	SKIT Research Journal, (2023), Vol. 13 pp. 54-59.
Chandan Kumar, Mukesh Kumar, Umesh Kumar Das, Sumit Sharma	Bibliometric analysis, physical properties, and experimental evaluation of additives-diesel ternary blends.	Environmental Science and Pollution Research, (2023).
Chandan Kumar, Mukesh Kumar, Umesh Kumar Das, Sumit Sharma	Feasibility Evaluation and Numerical Simulation of Diesel– Diethyl Ether– 2–Methoxy Ethyl Ether Blends Fueling in Stationary CI Engine.	IOP Conf. Series: Earth and Environmental Science, (2023).
Chandan Kumar, Akshay Jhingran, Deepak Mathur	Key Challenges of Sustainability Index Development for Urban Transport System of Jaipur City	EVERGREEN Joint Journal of Novel Carbon Resource Sciences & Green Asia Strategy, vol 10; pp. 2583-89 (2023).
Arun Beniwal, Chandan Kumar, Dinesh Kumar Sharma, Amit Jhalani	Thermal Regulation and Performance Enhancement of Solar PV Panel Using PCM OM29	EVERGREEN Joint Journal of Novel Carbon Resource Sciences & Green Asia Strategy, (2023), Vol. 10 pp. 2583-89.
Chandan Kumar, Divyanshi Sharma, Vinod Kumar Modi	Techno-Economic Analysis of Insulating Bricks Used in Educational Building Made by Local Available Agricultural Waste	EVERGREEN Joint Journal of Novel Carbon Resource Sciences & Green Asia Strategy, vol 10; pp. 2583-89 (2023).
Raj Kumar, Kedar Narayan Bairwa, and Trivendra Kumar Sharma	Optimization in Flexural and Physical Behavior of Agricultural Waste Reinforced Epoxy Based Polymer Matrix Composite by Taguchi Technique.	EVERGREEN Joint Journal of Novel Carbon Resource Sciences & Green Asia Strategy, vol 10; pp. 2607-2613 (2023).

FACULTY ACHIEVEMENTS

PAPERS PUBLISHED IN CONFERENCE PROCEEDING

AUTHOR/S	TITLE	PROCEEDING
Brij Mohan Sharma, Manu Augustine, Naveen Kumar, Saurabh Gupta	Energy Consumption Analysis of Welding Techniques: A Comparative Review.	ICONRER 2023, organized by the Department of Mechanical Engineering, SKIT Jaipur, 02-04 November 2023.
Naveen Kumar Sain, Chandan Kumar, Praveen Saraswat, Manu Augustine, Ashish Nayyar	Challenges in Battery Thermal Management for Electric Vehicles:A Bibliometric Analysis.	ICONRER 2023, organized by the Department of Mechanical Engineering, SKIT Jaipur, 02-04 November 2023.
Arun Beniwal, Chandan Kumar, Manu Augustine, Naveen Kumar Sain.	Thermal Management Solutions Using PCM for Photovoltaic Panels: A Critical Review of Performance.	ICONRER 2023, organized by Department of Mechanical Engineering, SKIT Jaipur, 02-04 November 2023.
Nitin Goyal, Monika Khurana, Namita Soni, Monu Gupta, Sumita	Performance and Emission of Diesel Engine fueled by blend of additives, biodiesel, and nanoparticles.	ICONRER 2023, organized by Department of Mechanical Engineering, SKIT Jaipur, 02-04 November 2023.
Brij Mohan Sharma, Sandeep Kumar Bhaskar, Manu Augustine, Vinay Singh Marwal, Vikash Gautam.	Recent Advances and Trends in Carbon Dioxide Capture technologies: A review.	ICONRER 2023, organized by Department of Mechanical Engineering, SKIT Jaipur, 02-04 November 2023.
Sandeep Kumar Bhaskar, Manoj Kumar Sain, Praveen Saraswat	Sustainable Machining Practices during Milling Process: A Review.	ICONRER 2023, organized by Department of Mechanical Engineering, SKIT Jaipur, 02-04 November, 2023
Deepak Kumar, Achin Srivastav and Vikash Gautam.	Application of Python software in Improvement of Plastic Injected Mould Thin Shell Components with Taguchi Method and GA	ICONRER 2023, organized by Department of Mechanical Engineering, SKIT Jaipur, 02-04 November 2023.

FACULTY ACHIEVEMENTS

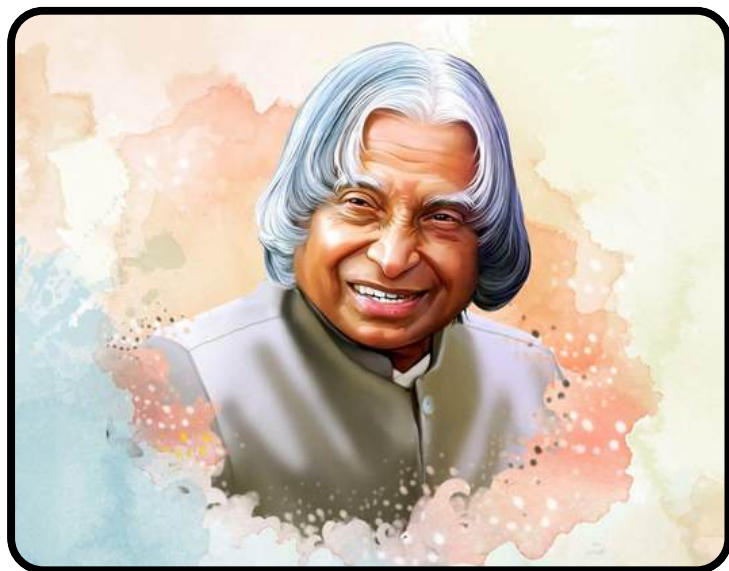
PAPERS PUBLISHED IN CONFERENCE PROCEEDING

AUTHOR/S	TITLE	PROCEEDING
Achin Srivastav, Deepak Kumar, Prem Singh, Chandan Kumar and Nidhi Srivastav	Forecasting of Carbon Emissions and Development of Renewable Energy in India.	FIP WG 8.6 Conference 2023 on 15-16 December 2023 at IIM Nagpur.
Brij Mohan Sharma, Arun Beniwal, Vinay Singh Marwal, Avinash Mittal	A Review of Nuclear Energy: Sustainability and Environmental Friendliness for the Future	ICONRER 2023, organized by the Department of Mechanical Engineering, SKIT Jaipur, 02-04 November 2023.
Chandan Kumar, Mukesh Kumar, Umesh Kumar Das, K. B. Rana, Sumit Sharma, Achin Srivastav and Naveen Kumar Sain	Exploration of diesel-oxygenated fuel blends: An experimental investigation and numerical simulation.	ICONRER 2023, organized by Department of Mechanical Engineering, SKIT Jaipur, 02-04 November 2023.
Trivendra Kumar Sharma , Madhukar K Raichand, Chandra Mohan Kumar, Prem Singh, Sanjay Choudhary, Sanjay Bairwa.	Vibration behavior analysis of functionally graded annular piezoelectric plate for free-free boundary conditions.	Proceedings of ICONRER-2023; pp. 187-189 (2023).
Sanjay Choudhary, Dinesh Kumar Sharma, Dilip Sharma, Digambar Singh, Saurabh Gupta.	Experimental Insights into Charging and Discharging Behavior of a Triplex Tube Heat Exchanger-Based Latent Thermal Energy Storage System	Proceedings of ICONRER-2023; pp. 145-148 (2023).
Dinesh Kumar Sharma, Dilip Sharma, Ahmed Hamza H Ali, Vishnu Agarwal, Hemant Raj Singh	Solar Surge: Accelerating Sustainability through the Expansion of Solar Energy Installations	National Summit on Green and Digital Technology for Sustainable Future organized by IIT Roorkee Alumni Association Jaipur Chapter, February 17, 2024, at Rajasthan International Center (RIC), Jaipur-Rajasthan.

FACULTY ACHIEVEMENTS

NPTEL ACHIEVEMENTS

NAME OF FACULTY	ACHIEVEMENT
Dr. Achin Srivastav	Topper of 2% (Elite + Gold) (12 weeks) (Work System Design)
Dr. Prem Singh	Topper of 1% (Elite + Silver) (12 weeks) (Basics of Mechanical Engineering - 1)
Sumita	Topper of 5% (8 weeks) (Elite + Gold) (Introduction to Internet of Things)
Vinay Singh Marwal	Topper of 2% (12 weeks) (Elite + Gold) (Engineering Metrology)
Vishnu Jangid	Topper of this course (12 weeks) (Elite + Silver) (Production Technology: Theory and Practice)



**“Knowledge without action
is useless and irrelevant.
Knowledge with action
converts adversity into
prosperity.”
— A.P.J. Abdul Kalam**

FACULTY ACHIEVEMENTS

BOOK PUBLISHED

TITLE: Elementary Mechanical Engineering
AUTHOR/S: Raj Kumar, Kedar Narayan Bairwa, Amit Jhalani
PUBLISHER: Iterative International Publishers, Oct 2023

PATENT PUBLISHED

TITLE: Formulation of newly synthesized Gomutra in diesel emulsion
NAME: Amit Jhalani, Dilip Sharma, SL Soni
PATENT FILED DATE: Application No. 202011044179; 10 Oct 2020
PATENT PUBLISHED DATE: 14 September, 2023

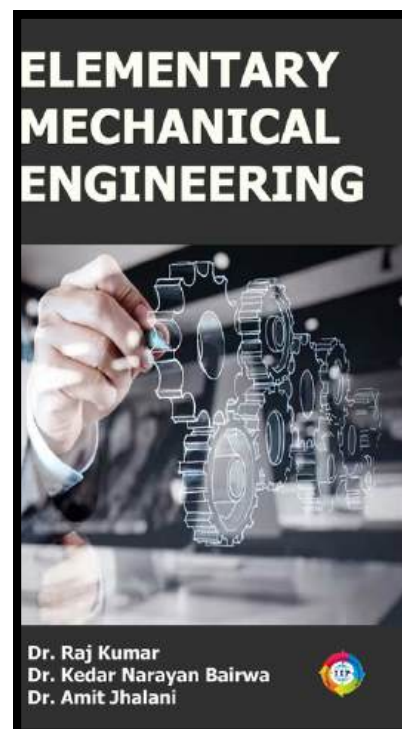
OTHER ACHIEVEMENTS

TITLE: Participated as Judge-SIH 2023
DATE: 23 September, 2023
ACHIEVED BY: Vinay Singh Marwal
ORGANISED BY: SKIT, Jaipur

TITLE: Session co-ordinator during the SKIT HACKATHON, Internal Preliminary Round for SIH-2023,
DATE: 23 September, 2023
ACHIEVED BY: Sudesh Garg
ORGANISED BY: SKIT, Jaipur

TITLE: Eminent Engineer Award
DATE: 15 August, 2023
ACHIEVED BY: Amit Jhalani
ORGANISED BY: The Institution of Engineers (India), Rajasthan State Centre Jaipur

TITLE: Member of the Organizing Committee of our upcoming program titled "Contribution of Scientist and Scientific Institutions in Indian Freedom Struggle: Prof. S.N. Bose."
DATE: 21 Oct, 2023
ACHIEVED BY: Amit Jhalani
ORGANISED BY: The Ministry of Culture and Vigyan Bharati



FACULTY PARTICIPATIONS

FDP ATTENDED

TITLE: FDP on R software

DATE: 21 to 25 August, 2023.

ATTENDED BY: Manu Augustine, Amit Kumar Bansal, Achin Srivastav, Raj Kumar, Sandeep Kumar Bhaskar, Monu Gupta, Madhukar Kumar

ORGANIZED BY: Department of Mechanical Engineering, SKIT, Jaipur.

TITLE: Recent Trends and Issues in Mechanical Engineering

DATE: 26 to 30 September, 2023

ATTENDED BY: Manoj Kumar Sain, Dharmendra Hariyani, Deepak Kumar, Praveen Saraswat, Chandan Kumar, Monika Khurana, Nitin Goyal, Brij Mohan Sharma, Sandeep Kumar Bhaskar, Monu Gupta, Sanjay Bairwa, Namita Soni, Sumita

ORGANIZED BY: Department of Mechanical Engineering, SBCET, Jaipur

TITLE: Manufacturing Strategy

DATE: 26 July to 24 September, 2023

ATTENDED BY: Dharmendra Hariyani

ORGANIZED BY: NPTEL, IITR

TITLE: Contemporary & Innovative Teaching Pedagogy and Essential Skills for Educators.

DATE: 24 to 31 July, 2023

ATTENDED BY: Achin Srivastav

ORGANIZED BY: Maharishi University, Information Technology, Lucknow

TITLE: Unleashing Emerging Research Trends and Advancements in Computer Science

DATE: 01 to 05 August, 2023

ATTENDED BY: Achin Srivastav, Prem Singh, Sanjay Bairwa, Yogesh Kumar Sharma

ORGANIZED BY: SKIT, Jaipur

TITLE: Soft skill development

DATE: 26 July to 24 September, 2023

ATTENDED BY: Nitin Goyal

ORGANIZED BY: NPTEL, IIT Madras

TITLE: Integrating Autodesk fusion- 360 in Engineering Subjects

DATE: 26 June to 01 July, 2023

ATTENDED BY: Vishnu Jangid, Sanjay Bairwa

ORGANIZED BY: Lendi Institute of Technology.

TITLE: FDP on Cloud Infrastructure (Brains-Vision)

DATE: 21 to 25 August, 2023

ATTENDED BY: Vishnu Jangid

ORGANIZED BY: M.O.P. VAISHNAV COLLEGE FOR WOMEN (AUTONOMOUS), Tamil Nadu.

TITLE: FDP on Cloud Infrastructure

DATE: 21 to 25 August, 2023

ATTENDED BY: Vishnu Jangid

ORGANIZED BY: Department of CSE, GMR INSTITUTE OF TECHNOLOGY, Rajam, Andhra Pradesh.

TITLE: Finite Element Methods for Engineering Applications

DATE: 17 to 21 August, 2023

ATTENDED BY: Raj Kumar

ORGANIZED BY: MBM University

TITLE: Cloud Infrastructure and AWS Technologies

DATE: 21 to 25 August, 2023

ATTENDED BY: Madhukar Kumar

ORGANIZED BY: Manipal University

FACULTY PARTICIPATIONS

FDP ATTENDED

TITLE: Fundamentals of Machine Learning and Deep Learning

DATE: 25 to 29 September, 2023

ATTENDED BY: Namita Soni, Sumita

ORGANIZED BY: NITTTR, Kolkata

TITLE: Recent Developments in Nano-Electronics devices challenges and opportunities

DATE: 11 to 16 December, 2023.

ATTENDED BY: Manoj Kumar Sain, Ankit Kumar Agarwal, Praveen Saraswat, Chandan Kumar, Sudesh Garg, Madhukar Kumar

ORGANIZED BY: AICTE ATAL and SKIT, Jaipur

TITLE: Additive Manufacturing Advancements in Different Applications (AMADA-23).

DATE: 26 to 31 December, 2023.

ATTENDED BY: Manoj Kumar Sain, Dharmendra Hariyani, Ankit Kumar Agarwal, Amit Kumar Bansal, Vinay Singh Marwal, Achin Srivastav, Prem Singh, Monika Khurana, Nitin Goyal, Saurabh Gupta, Sudesh Garg, Chandra Mohan Kumar, Brij Mohan Sharma, Vishnu Jangid, Amit Jhalani, Monu Gupta, Sunil Kumar, Namita Soni, Madhukar Kumar, Nikhil Sharma, Manoj Kumar, Mohd. Suhaib

ORGANIZED BY: SRM Institute of Science and Technology, Chennai

TITLE: Entrepreneurship Essentials.

DATE: 4 to 16 December, 2023.

ATTENDED BY: Deepak Kumar, Ankit Kumar Agarwal, Achin Srivastav, Prem Singh, Monu Gupta, Sanjay Bairwa, Trivendra Kumar Sharma

ORGANIZED BY: Chitkara University, Punjab

STTPs/SUMMER SCHOOLS/ REFRESHER COURSES ATTENDED

TITLE: IC Engine Testing and Simulation

DATE: 10 to 14 Oct, 2023

ATTENDED BY: Ashish Nayyar, Deepak Kumar, Manu Augustine, Manoj Kumar Sain, Ankit Kumar Agarwal, Praveen Saraswat, Amit Kumar Bansal, Chandan Kumar, Vinay Singh Marwal, Achin Srivastav, Prem Singh, Monika Khurana, Nitin Goyal, Sudesh Garg, Brij Mohan Sharma, Vishnu Jangid, Raj Kumar, Sandeep Kumar Bhaskar, Monu Gupta, Sumita Hemrom, Sanjay Bairwa, Sunil Kumar, Namita Soni, Yogesh Kumar Sharma, Madhukar Kumar, Naveen Kumar Sain

ORGANISED BY: Department of Mechanical Engineering, SKIT Jaipur.

TITLE: Indian Knowledge System IKS

DATE: 16 to 21 Oct, 2023

ATTENDED BY: Monika Khurana, Amit Kumar Bansal

ORGANISED BY: UGC in collaboration with the IKS Division of Ministry of Education

TITLE: e-STTP on Green and Sustainable Energy Technologies (GSET-2023)

DATE: 27 to 31 December, 2023.

ATTENDED BY: Manu Augustine, Praveen Saraswat, Amit Kumar Bansal, Achin Srivastav, Prem Singh, Saurabh Gupta, Sudesh Garg, Chandra Mohan Kumar, Brij Mohan Sharma, Sanjay Bairwa, Madhukar Kumar, Trivendra Kumar Sharma

ORGANIZED BY: Department of Mechanical Engineering, NIT – Hamirpur.

STUDENT ACHIEVEMENTS

NAME OF THE STUDENT	NAME OF THE AWARD/MEDAL	TEAM/INDIVIDUAL	UNIVERSITY/STATE /NATIONAL/INTERNATIONAL	SPORTS/CULTURAL /TECHNICAL
Rohan Singh	First position in Kabbadi Inter college tournament at PCE Jaipur	Team	University	Sports
Yash R Thakur	First Price in SKIT Got Talent	Individual	University	Cultural
Jashanjeet Singh	Third position in poster competition organised by renewable energy club at SKIT Jaipur	Individual	University	Cultural
Aaditya Sharma	Secured gold medal in 2nd state sambo championship at Bikaner	Individual	State	Sports
Aditya Sharma	First place at Bikaner district sambo championship 2023	Individual	State	Sports
Abhishek Kulariya	First position in Kabbadi Inter college tournament at PCE Jaipur	Team	University	Sports
Hana Kazi	Second position in poster competition organised by renewable energy club at SKIT Jaipur	Individual	University	Cultural

ALUMNI CONNECT

INTERACTION WITH ALUMNI

“Career in BIM Technology after Mechanical Engineering” on September 12, 2023

About the event:

- Motivated the students for the mechanical Branch.
- Future scope in the BIM (Building Information Modeling) sector after mechanical engineering.
- Tools required in BIM technologies and supporting software.
- How the curriculum activities play a great role in personality and skills enhancement.
- Don't be nervous with your first start.
- Make a track to achieve your goals in the next 3 years.

Name of event coordinators: -

Dr. Ashish Nayyar
Vishnu Jangid



“How to prepare for GATE examination & career opportunities in PSU” on September 26, 2023

About the Speaker:

Gaurav Jain

Batch: 2019-23

Current Position: M. Tech (IIT Delhi)

Specialization: Energy & Environment

Top Skills: Generative AI, SAM, PVSyst

Key Points shared with students:

- Motivated the students for the mechanical Branch.
- Guided the students how to prepare for GATE examination.
- Various job opportunities after mechanical engineering.
- Discussed various opportunities after GATE examination regarding PSU and higher studies.
- Also asked students to study hard and to avoid backlogs in their respective semesters.
- Don't keep salary as a target bar at the time of first opportunity in your career.
- Discussed paper pattern of GATE.
- Also discussed the subject weightage of subjects in GATE examination.

Name of event coordinator: -

Dr. Ashish Nayyar
Yogesh Sharma
Vishnu Jangid



alumniconnect



Contact Us

HOD

Prof. Dheeraj Joshi

Email: hodme@skit.ac.in

Deputy HOD

Dr. Vikash Gautam

Email: vikash.gautam@skit.ac.in

Chief Editor

Ms. Namita Soni

Email: namita.soni@skit.ac.in