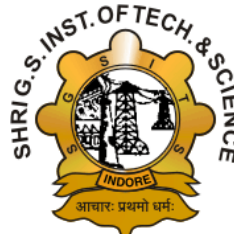


SHRI G S INSTITUTE OF TECHNOLOGY & SCIENCE INDORE



MECHANICAL ENGINEERING DEPARTMENT

NEWSLETTER 2019-2020

Paper Publications

1. Analysis of Heat Transfer Enhancement of a Heated Plate with Rectangle Perforated Fins, V Namdev, **B Agrawal**, , 2019
2. Dynamic compression behavior and modeling of an aluminum alloy, **V Pare**, KN Jonnalagadda, *International Conference on Precision, Meso, Micro & Nano Engineering*.
3. Grey-WPCA Based parametric-optimization and modelling of chromium Powder Mixed Surface electro Discharge Diamond Grinding of Inconel 600 using RSMM Modi, G Agarwal, **SD Chaugaonkar**, *Journal of Mechanical Engineering–Strojnícky časopis* 69 (4), 65-88 3
4. Performance study of solar air heater duct with gap in V-rib with symmetrical gap and staggered ribs, **SS Patel**, A Lanjewar, *Heat and Mass Transfer* 55 (9), 2517-2532 17 2019
5. Experimental and numerical investigation of solar air heater with novel V-rib geometry, **SS Patel**, A Lanjewar, *Journal of Energy Storage* 21, 750-764 45 2019
6. Numerical Model of Micro-Textured Compression Piston Ring for Improving Performance of Sliding Pair, **Ashok Aulkar** at International Conference on Precision, Meso, Micro and Nano, IIT Indore (COPEN 11), Dec. 12-14, 2019.
7. Buckling analysis of a micro-textured drive shaft under torsion, **Ashok Atulkar** at International Conference on Precision, Meso, Micro and Nano, IIT Indore (COPEN 11), Dec. 12-14, 2019.

Expert Talk

- Shri Ashok Atulkar**
- One-week faculty development programme on “Advances in Energy Management Systems” organized by the Department of Mechanical Engineering of GEC Ujjain, under the aegis of Technical Education Quality Improvement Programme, Phase-III, during July 15 to July 19, 2019.
 - Advanced Engineering Thermodynamics and Heat Transfer, at Faculty Development programme conducted by SGSITS Indore, during June 08- June 13, 2019.

Faculty as participants in FDP/Training

Prof. Sudhir Tiwari	FDP on "Outcome-Based Education: A Paradigm for Assessment & Accreditation" held from 24 to 28 Aug 2021
Shri. Ashok Atulkar	<ul style="list-style-type: none">• One week "13th summer school in tribology" 31/8/21 to 4/9/21, by Tribology society of India.• Two-week "Novel Prospective of Smart Materials, Hybrid Machining, and Additive Manufacturing" 26th July to 10th August 2021
Shri. Dinesh Kumar Pasi	Experimental Methods in Engineering, 05-09 July, 2021, Govt. College of Engineering, Karad
Shri. Ravi Jatola	ATAL FDP On Internet of Things 26 July to 30 July 2021
Shri. Anil Mulewa	ATAL FDP On "Computer Assisted Design and Manufacturing (Cad/Cam) In Clinical Diagnosis and Therapeutics From 09/08/2021 To 13/08/2021 At Chettinad Academy of Research and Aducation
Shri. Gangaram Mourya	FDP On Advance Idea-Lab in Smart Manufacturing 3d Printing at Coep, Pune Held 16 To 22 December 2021
Shri Punit Mishra	Thermodynamic Analyses of Energy Systems" 12 -16 July 2021 Under Aicte Training and Learning (Atal) Academy at Institute of Engineering & Technology, Devi Ahilya Vishwavidyalaya.

Student Activities

EVENT- SUPRA SAE INDIA 2019

SUPRA (Super Racing) SAEINDIA is a national-level engineering student competition where teams design and fabricate a Formula- style vehicle as per the design standards of SAE International.

TEAM MEMBERS

1. Mayank Dalvi
2. Priyanshu Tiwari
3. Amal Kanungo
4. Kanav Khanna
5. Syed Faraz Alam
6. Anuj Rawat
7. Abbas Jamdar
8. Vivek Kumar Trivedi
9. Sushant Kumar
10. Divyanshu Parekh



EVENT- EFFICYCLE

Efficycle is an intercollegiate design competition for undergraduate and graduate students where teams have to design and fabricate an energy efficient entirely human powered three-wheeled vehicle. The vehicle must be aerodynamic, highly engineered and ergonomically designed.

TEAM MEMBERS

1. Devansh Mangal.
2. Samarth Agrawal
3. Ameya Athawale
4. Tejas Adana.
5. Tanushi Hinduja.
6. Pooja Borkar



EVENT- BAJA SAE INDIA

Baja SAE is a Collegiate Design Series competition run by the Society of Automotive Engineers International (SAE International). Teams of students from universities all over the world design and build small off-road cars.



TEAM MEMBERS

Mrigank Yadav, Suyash Shukla
Chirag Rathi, Pragvansh Sharma,
Ubaid Khan, Satvik Jain, Gaurang Shukla,
Yash Raj Dhakad, Piyush Kushwah, Arohan
Shrivastav, Harsh Sharma, Anidhya Verma,
Varun Dutt Saxena, Rishabh Gupta, Shreya Rajput, Ayush Sharma, Soumya Jain, Samarth Jain,
Sanaskar Agrawal, Adarsh Jha, Prachi Prabhune

SAE AEROSPACE DESIGN COMPETITION

SAE Aero Design challenges university students to assume a system engineering approach to design and prototype radio-controlled or autonomous aircraft. Students analyze requirements, perform trade-studies, present a technical design report and build a prototype aircraft to match the requirements.

TEAM FOUNGING MEMBERS

1. Akshat Vyas
2. Gautam Jalori
3. Manisha Tiwari
4. Nancy Jain
5. Prarthana Dwivedi
6. Ranga Aaryan Reddy
7. Vaibhav Ramchandani



MUSIC EVENT (GROUP SONG) 2019

First position in group song participation

1. Khushi Nagar
2. Kalpish Choudhary



PLACEMENTS

S. No.	Enrolment #	Student Name	Company Name
1	0801CE151079	Ravikant Sirvaiya	Reliance Retail Ltd
2	0801EI151010	Ankit Kumar Singh	Asian Paints Ltd
3	0801ME151002	Abhishek Singh	Trident Group
4	0801ME151005	Ajay Gupta	Caparo Engineering India Ltd
5	0801ME151007	Ajay Singh Chouhan	Saras Plywood Products Pvt Ltd
6	0801ME151008	Aman Khare	Renishaw Metrology Systems Pvt Ltd
7	0801ME151012	Ankit Sharma	Quantile Analytics Pvt Ltd (Quantitative Analyst Trainee)
8	0801ME151014	Arpit Jaisinghani	Reliance Retail Ltd
9	0801ME151015	Ashish Kumar Gupta	Pratibha Syntex Ltd
10	0801ME151016	Ashish Singh Parmar	Prakash Asphaltings & Toll Highways India Ltd
11	0801ME151017	Avani Hardikar	Deloitte Consulting India Pvt Ltd (Advisory)
12	0801ME151018	Ayush Agarwal	Trident Group
13	0801ME151020	Bhagwati Kaushik	Renishaw Metrology Systems Pvt Ltd
14	0801ME151023	Chitransh Shrivastava	Renishaw Metrology Systems Pvt Ltd
15	0801ME151026	Geetesh Tiwari	Trident Group
16	0801ME151027	Girish Gaur	Caparo Engineering India Ltd
17	0801ME151028	Jasleen Madan	Principal Global Services Pvt Ltd
18	0801ME151031	Manish Kukreja	Vedanta Ltd
19	0801ME151032	Masnandan Sheen Singh Toor	Principal Global Services Pvt Ltd
20	0801ME151033	Mayank Dalvi	Rajratan Global Wire Ltd
21	0801ME151034	Mokshi Agrawal	Principal Global Services Pvt Ltd
22	0801ME151038	Ojasv Tripathi	Infosys Ltd (Day-1 Sharing)
23	0801ME151039	Pappu Sharma	Vedanta Ltd
24	0801ME151040	Paras Gupta	Vedanta Ltd
25	0801ME151041	Prachee Mishra	Deloitte Consulting India Pvt Ltd (Advisory)
26	0801ME151048	Sagar Mahajan	Infosys Ltd (Day-1 Sharing)
27	0801ME151051	Shamika Pandey	Infosys Ltd (Day-1 Sharing)
28	0801ME151052	Shivam Asati	CG Power and Industrial Solutions Ltd
29	0801ME151053	Shreya Malviya	ResearchInn Investment Advisor
30	0801ME151054	Shubham Moonat	Indian Air Force
31	0801ME151060	Vandana Satpute	Reliance Retail Ltd
32	0801ME163D01	Aman Yadav	Prakash Asphaltings & Toll Highways India Ltd
33	0801ME17ME21	Suraj Prakash Badgujar	Indian Railways (WR)