

S.No.	Event Title	Event Duration	Event Description
1	Recipients of Pratibha	Eaton Excellence Award 2022	<p>Ms. Sanchita Singh (01801042019) and Ms. Dhriti Sood (03501042019) got an Eaton Excellence Award 2022 and received a scholarship of Rs 60,000. Pratibha – the Eaton Excellence Award is the first of its kind scholarship that aims to recognize exceptional women engineering students in leading engineering institutions in India, assessing them not only on academic excellence but also on the basis of their co-curricular achievements.</p>
2	Best Paper Award	11th-13th November, 2021	<p>Ms. Priyanka Singh, research scholar, Department of Mechanical and Automation Engineering got Best Paper Presentation Award for the paper titled “Effect of the Addition of Ductile Phase on Mechanical Properties of Alumina/nano SiC Ceramic Composite” presented in 2nd International Conference on Industrial and Manufacturing Systems (CIMS-2021) 11th-13th November, 2021, jointly organized by Department of Production & Industrial Engineering, Punjab Engineering College, Chandigarh and Department of Industrial & Production Engineering Dr. B.R. Ambedkar National Institute of Technology, Jalandhar. The research</p>

			paper was supervised by Prof. Nathi Ram Chauhan, Head of Department of Mechanical and Automation Engineering and Prof. Rajesha S, Principal, Sahyadri College of Engineering & Management, Mangaluru, Karnataka.
3	Harvard WECODE Scholar'22	2022	Ms. Debasmita Mondal (04510162021) received Harvard WECODE Scholar'22 in 2022. Women Engineers Code is an initiative of Harvard Women in CS with the goal of cultivating the next generation of technical leaders, fostering a network and community among collegiate engineers, and promoting more female representation in the technical industry.
4	Microsoft Engage 2022	2022	Ms. Ishika Mathur (03601042020), Ms. Ishita Batra (03310162020), Ms. Nehal Mishra (04701042020), Ms. Ishita Shukla (00601042020) and Ms. Harsha Narula (00101042020) became Mentee in Microsoft Engage 2022. Which is designed to provide a platform for engineering students to accelerate their growth and foster industry-relevant skills through mentorship, coding challenges, workshops and networking opportunities.

5	AWS Mentorship Program for Asia Pacific and Japan region	2022	Ms. Rishika Bhadani (02510162020) was selected as one of the 50 mentees for AWS She builds Mentorship Program for Asia Pacific and Japan region. The program by Amazon offers recent university graduates around the world paid on-the-job training, mentorship, project-based learning, and real-world problem solving.
6	Smart India Hackathon	2022	Ms. Srishti Agrawal (10301042020) is a finalist of Smart India Hackathon (SIH). It is a nationwide initiative to provide students with a platform to solve some of the pressing problems we face in our daily lives, and thus inculcate a culture of product innovation and a mindset of problem-solving.
7	Jumpstart 2022	2022	Ms. Riya Singh (03901042020) Selected in Top 1000 out of 29000 participants in Jumpstart 2022 by Publicis Sapient. Jumpstart is a 3-day virtual startup competition where students create a tech startup idea, validating assumptions in both business and technology. Jumpstart surrounds students with mentors, resources, and passionate local leaders — all herefor students' success and real learning by doing.

8	Grace Hopper Conference scholar	2022	Ms. Sadaf Khan (02601042020) is GHC'22 Scholar, the Grace Hopper Conference is the largest Annual women in CS conference attended by nearly 21000 female techies in the world.Conference is so prestigious and competitive for speakers as less than 20% of proposals get accepted to speak. At the same time the conference allows full scholarships including round ticket worth any from the world+ Registration fee nearly 1000USD + Accommodation in 5 Star Hotel + ~600USD as a stipend for food andlocal transportation.
9	Industrial Visit	15 th March, 2019	B.Tech. (MAE) pre-final and M.Tech R&A 1 st year students along with Dr.Nathi Ram Chauhan(TPO,MAE) and Ms. Tina Chaudhary (T&P Faculty Coordinator MAE Department) were invited by a very reputed company “Siemens” at Gurgaon on 15 th March, 2019 for interacting and introducing latest technologies trends in Digitalization and Power Generation Products. Siemens visit .docx
10	Veolia Environment S.A visit	12 th March, 2019	Veolia Environment S.A visited on 12 th March, 2019 to interact with students of MAE Department related to placement and internship activities. This company is Branded as Veolia, is a French transnational

			<p>company with activities in three main service and utility areas traditionally managed by public authorities – water management, waste management and energy services. Veolia also conducted an event “Girls on the Move” as an initiative of International Women’s Day. Veolia team also interacted Dr.Nathi Ram Chauhan (TPO, MAE), Ms. Tina Chaudhary (T&P Faculty Coordinator MAE Department), Mr. Vivek Chawla (Faculty Advisor, ASME and SAE Student Chapter, IGDTUW), and other faculty members of Department.Veolia Environment visited.docx</p>
11	Participation in 'Mechatronics Cup'	March 12, 2019	<p>SMC Corporation (India) Pvt. Ltd. organized a 'Mechatronics Cup' in association with NSDC on Tuesday, March 12, 2019, in IGDTUW campus. Ms. Hansa Gaur and Ms. Pranjali Sharma, final year students of MAE Department, won the competition and were awarded a cheque of Rs. 10,000 for being a winner of the campus-level I. In final level, both the students won the 'Mechatronics Cup' and a cheque of Rs. 50,000/- .mechatronics cup.docx</p>
12	Participation in battery run	2019	<p>A team of students of MAE Department named as Team</p>

	vehicle Competition		Panthera participated in battery run vehicle Competition in Malaysia.
13	Recipients of Pratibha Fellowship award	2019	Prestigious Pratibha Fellowship that is sponsored by Eaton foundation India worth Rs 60000 was awarded to 3 students of MAE Department.
14	Participation in International Annual Conference	2019	A student from the Department of MAE represented India with her conference paper at 2019 International Annual Conference, organized by Polymer Processing Society in Turkey.
15	Participation in BAJA India Virtuals	2019	Team Yantriki from the Department of MAE stood 2 nd in Delhi state in BAJA India Virtuals 2019 organized by SAE.
16	Participation in International Conference of Experimental and Computational Methods in Mechanical Engineering	2019	A student from the Department of MAE got 'Third Best Paper' Award at 2019 International Conference of Experimental and Computational Methods in Mechanical Engineering.
17	Participation in Echo National Summit 2019	2019	Greensphere, the eco club of IGDTUW won the Echo National Summit 2019 organized by World Wide Fund (WWF) India.
18	Participation in ATVC National Championship	2019	Team Yantriki from the Department of MAE won the Award for 'Best Women Participation' and cash prizes at 2019 ATVC National Championship powered by Infileague

			Motorsports.
19	Role of IoT in Manufacturing	2019-03-26 to 2019-03-26	MAE Department organized a Seminar by APTRON Noida on 26th March 2019 in Mechanical block. The topic of seminar was Role of IoT in Manufacturing.
20	ICT based STC on CAD/CAM	2019-03-18 to 2019-03-22	The department of MAE organized an ICT based STC on CAD/CAM from 18 March 2019 to 22 March 2019 in collaboration with NITTTR, Chandigarh. The faculty coordinators were Dr. NR. Chauhan and Mr. Vivek Chawla.
21	Indian school of business	2019-01-28 to 2019-01-28	Indian school of business conducted an information session for pre final and final year students of MAE department to enlighten them about their young leaders program. This session was held on 28 Jan 2019 at 1pm to 2pm.
22	Short Term Training Programme Organized in Department	2019-01-14 to 2019-01-18	A short term training programme in ICT mode titled Advances in Manufacturing in collaboration with NITTTR, Chandigarh was organized in the department from 14th January-18th January, 2019. The programme was attended by faculty members of various departments and students along with the undersigned. The course focussed on emergence of new materials, advanced technologies of manufacturing being used

			<p>in the industry. Lectures on special machining processes, unconventional machining processes, micro machining process and nano fabrication processes were conducted. Experts from IIT Mandi, PEC Chandigarh conducted sessions on microwave machining, sheet metal operations, EDM and LBM. Simulations on NX software for part modelling and computer aided manufacturing were demonstrated. Some glimpses of the programme:</p>
23	Workshop Organized in Department	2018-12-29 to 2019-01-04	<p>Workshop on IoT was organized in Department of MAE from 29th Dec, 2018 to 4th Jan, 2019 and was attended by M.Tech. (R&A) students along with undersigned. It was conducted by ETI Labs Pvt. Ltd. who provided interactive sessions along with handson practical sessions on Internet of Things, communication with sensors placed at remote location and introduction to programming in Python. The students were made aware of the interfacing peripherals and communication modules with IoT Development board and further application on Hardware available in department. At the end of workshop students were able to access devices through android application locally via Bluetooth and remotely via</p>

			internet. Some glimpses of the workshop:
24	Received 'ISIE Future Award'	2018	Team Stellaris from the Department of MAE won the Award 'ISIE Future Award' at Electric Solar Vehicle Championship 2018.
25	Won prize in World Skill India	2018	3 students from the Department of MAE won 2 nd prize in World Skill India.
26	1st National Conference on Innovations in Mechanical and Automation Engineering (NCIMAE-2020) in Online Mode	2020-09-18 to 2020-09-18	
227	Industrial Visit Report	2018-08-24 to 2018-08-24	An Industrial visit to Daikin Air Conditioning India, Neemrana was organized by the Mechanical and Automation Engineering Department, IGDTUW for the 5th semester students on 24th August, 2018. 48 students along with 3 faculty members visited the plant for a factory tour. The tour started with a brief interaction with one of the executives who started with an introduction about Daikin and the milestones they have achieved over the years being one of the leading air conditioning company in the world. He informed the students about the various aspects of air conditioning and how Daikin is offering a wide range of energy efficient

			<p>and environmental friendly air conditioning solutions to the Indian costumers. The students were then taken for a tour of the assembly line where they were briefed about the processes and operations undertaken by the plant. They became more aware about how the assembly line works and could actually see processes such as brazing about which they only had theoretical knowledge. Afterwards, they were taken for a tour of the R&D centre, where the person in-charge showed the students the various labs where the air conditioners were developed and tested. The curiosity of the students was satisfied by the question answer session afterwards. The visit was finally concluded and proved to be a very enriching experience for the students in getting practical exposure of the industry related to their field. We request the college authorities to organize more such visits which help the students to gain insights into their chosen field of engineering as well as get practical knowledge along with classroom learning</p>
28	Model United Nations Workshop	2012-01-28 to 2012-01-29	<p>A model United Nations Workshop is going to be organized by MAE Department under SAE Collegiate Club on 28-29th January 2012. A Model United Nations (MUN) conference is a student</p>

			<p>model simulation of the actual United Nations proceedings. In this the students act as representatives of various member nations of United Nations and debate and discuss the agenda that is provided to them in advance while keeping in mind the foreign policies of the respective nations. These students are judged on the basis of their research regarding the agenda and knowledge regarding the world affair and the United Nations. The following councils will be simulated at IGDTUW MUN 2012: NSG-Nuclear Supplier Group, UNCSTD-United Nation Commission on Science and Technology for Development</p>
29	Ethical Hacking Workshop	2011-11-12 to 2011-11-13	<p>MAE Department conducted a workshop on Ethical Hacking on 12th and 13th November 2011 organized by SAE Collegiate Club. SAE conducts many projects which require knowledge of software, operating systems, and their information securities. Thus ethical hacking workshops provides a unique opportunity to learn and get clear perspective of ethical hacking, information security and cyber crime investigation. It would be an ideal platform to acquire the required knowledge to take counter measures and deal with cyber crime in an organization and personal</p>

			<p>life. The following issues were discussed in the workshop: Cyber ethics, Trojans and backdoors, Google Hacking, Web application attacks, Cyber crime investigation & information security & many more. There was live demonstration of latest hacking techniques and tools, hands on practice sessions, interaction of students with the hacking expert. The certificates were distributed to the students jointly by Tech fest IIT Bombay, Tech Defence & IGDTUW.</p>
30	Workshop on AUTO CAD	2011-01-19 to 2011-01-20	<p>A 3 level Workshop on AUTOCAD was organized by MAE Department under SAE Collegiate Club whose first level was conducted on 19-20th Nov 2011. The next two levels will be conducted in January. AUTOCAD is a Computer Aided Design software used by 1st-year students for designing and drafting. This workshop will help to increase productivity of Mechanical engineering students as designers. It was conducted by an expert from MITSU CAD CAM Solutions Pvt Ltd.</p>