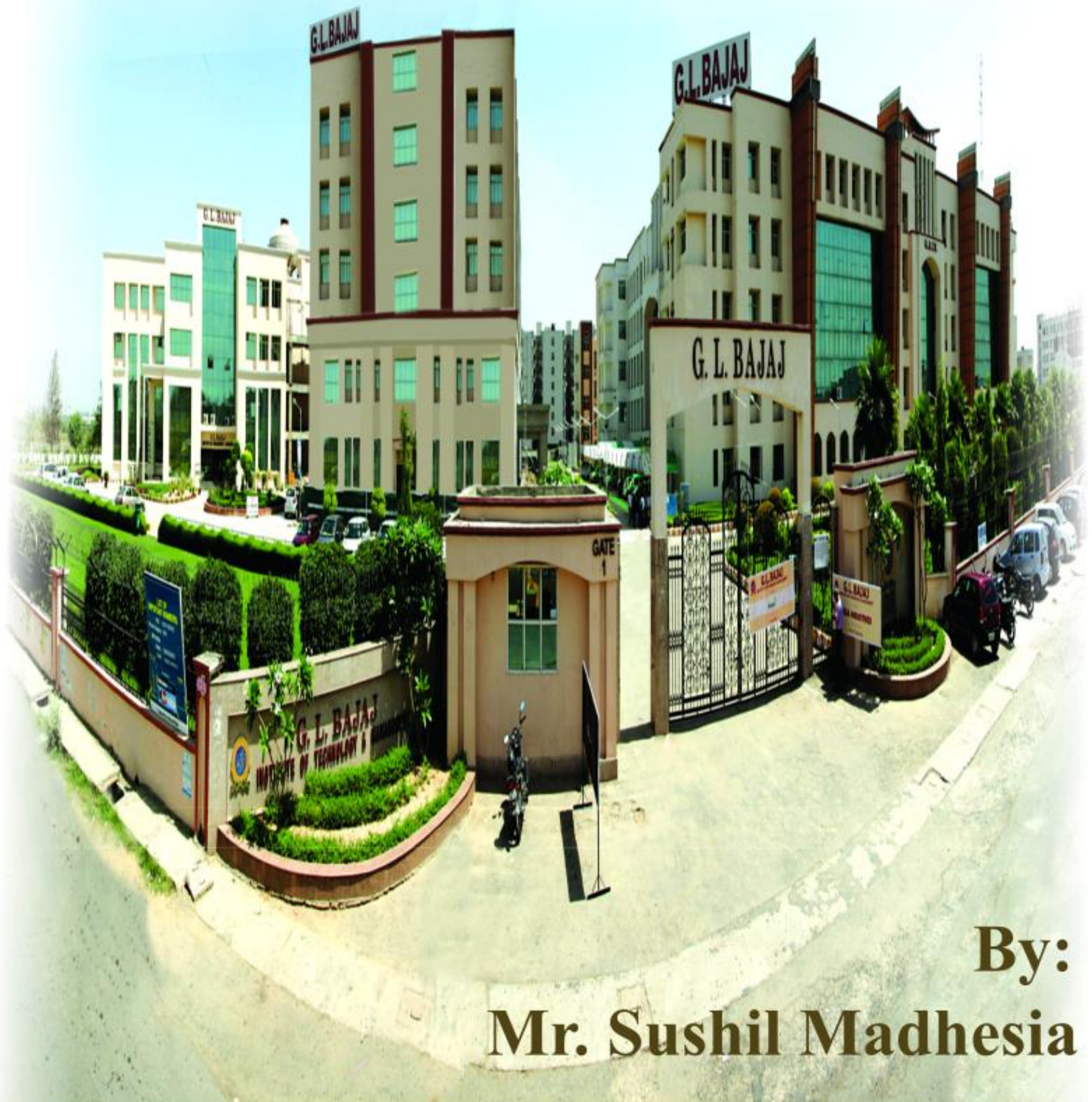




**GL BAJAJ**  
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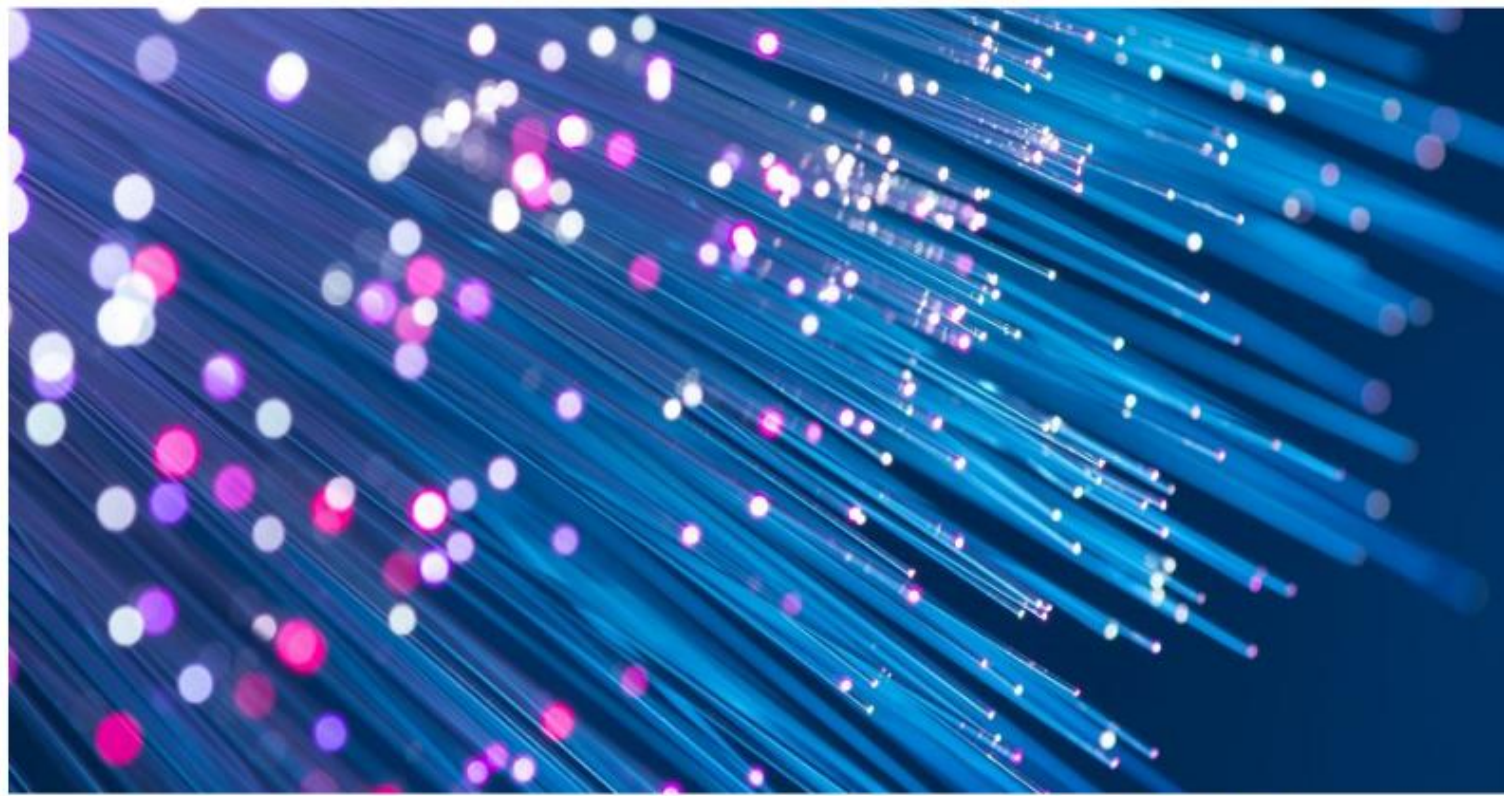
**DEPARTMENT OF  
MECHANICAL  
ENGINEERING**

**REVISTA**  
(JULY-SEPT 2018)



**By:  
Mr. Sushil Madhesia**





## MAGAZINE CONTENT:

- BAJA SAE INDIA VIRTUALS 2019
- Team Synergy Racing participation in SUPRA 19
- SAE Orientation Program-2018
- Industrial Visit
- Design your career in Start-up
- Student Achievements

## MAGAZINE CREDITS:

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Shantanu Das(ME – 3<sup>rd</sup> Year)

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# BAJA SAE INDIA VIRTUALS 2019

The main aim was to present an ATV which incorporates various simulation, testing and prototyping of the Vehicle embedding all the calculations and Analysis with the strict specification of the Rule Book Our Team has achieved a new barrier by securing 28<sup>th</sup> Rank out of 363 Teams in BAJA SAE INDIA VIRTUALS 2019 held at CHITKARA UNIVERSITY, CHANDIGARH on 13<sup>th</sup> and 14<sup>th</sup> July, 2018. Student representatives were Hasham Abbas , Aditya Sharma , Raghav Mishra, Anurag Abhishek, Rohit Nair. Faculty advisors were Mr. Vinod Kumar Yadav , Mr. Ashish Kumar Singh.



## Team Synergy Racing participation in SUPRA 19

TEAM SYNERGY RACING conducted a presentation in august presence of Honorable Director Sir, Vice - President (T&P Cell) , HOD ME, and Senior Faculty Advisor(SAEINDIA GLBITM CLUB). The presentation was delivered by Aditya Sharma, Student Chairperson of SAEINDIA GLBITM CLUB. It highlighted the importance of participation in the National level Student Formula competition SUPRA SAEINDIA.



Honorable Director Sir appreciated the efforts of Team Synergy Racing and encouraged them to participate more and more in these types of competition.

**Venue-** DIC LAB on 18<sup>th</sup> September, 2018 (4PM onwards)





# SAE-GLBITM COLLEGIATE CLUB Orientation Program-2018

SAEINDIA GLBITM COLLEGIATE CLUB organized an orientation program for 2<sup>nd</sup> year students which includes a felicitation ceremony for members of Team Synergy Racing for their achievement in BAJA SAEINDIA 2018 Virtual held at Chitkara University on 13<sup>th</sup> and 14<sup>th</sup> July 2018.

The program highlighted the importance of joining SAEINDIA GLBITM COLLEGIATE CLUB and Team synergy Racing encouraging the m to participate in MEGA ATV CHAMPIONSHIP (2019) for a step to carry on the legacy of Team Synergy Racing to the juniors.

The event was presided over by the Head of Mechanical Engineering department Dr. V.R Mishra for his vision towards projectbased learning. Mr. V.K Yadav ,Senior Faculty Advisor,delivered his speech about SAE,mentioning the benefits of joining the SAE Society followed by Mr. Ashish Kumar Singh, BAJA Faculty Advisor,cncluding the orientation.

**Venue-** SBG Hall Academic Block-2 on 30<sup>th</sup> July 30, 2018 (3PM onwards)





# Design your career in Start-up

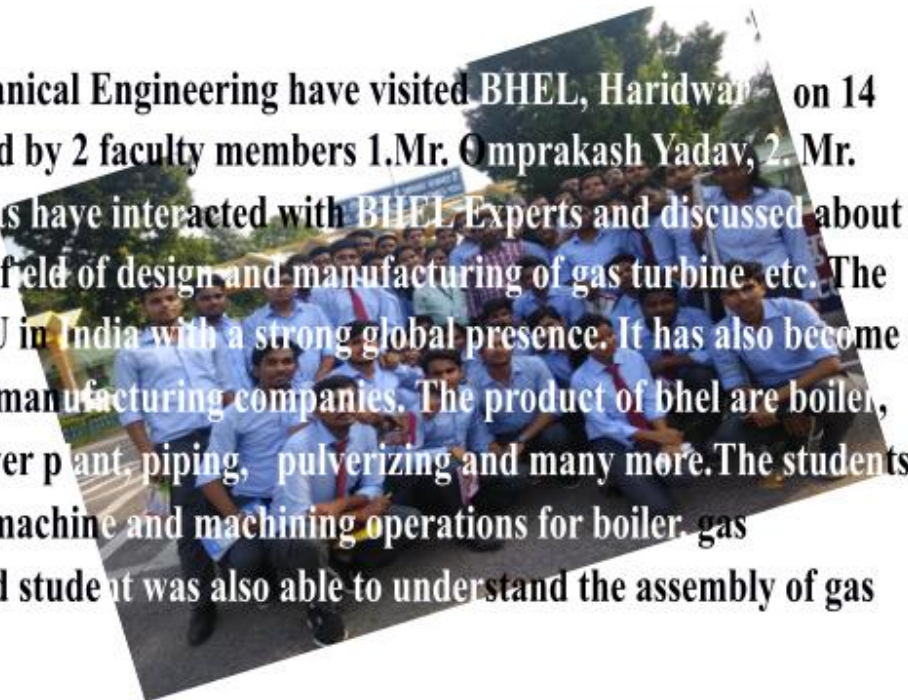
An event for motivating students in the domain of design engineering was organized by department of mechanical engineering dated 10 August 2018 with the presence of Mr. Rajeev Gupta, Chief Operating Officer, IHD-ERC.

Objective of the seminar is to teach students that design engineers research and develop ideas for new products and the systems used to make them. They also work to improve the performance and efficiency of existing products.



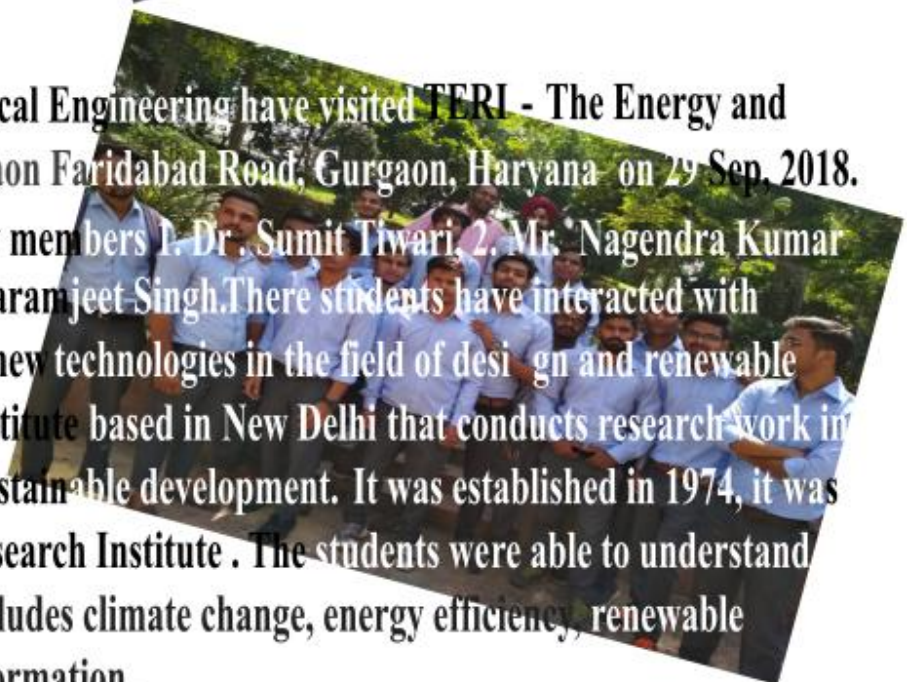
## Industrial Visit BHEL

48 students of B.Tech, III year, Mechanical Engineering have visited BHEL, Haridwar on 14 Sep, 2018. Students were accompanied by 2 faculty members 1.Mr. Omprakash Yadav, 2. Mr. Rajesh kumar Maurya. There students have interacted with BHEL Experts and discussed about the new era of the technologies in the field of design and manufacturing of gas turbine etc. The Industry is one of the Maharatna PSU in India with a strong global presence. It has also become one of the world's largest design and manufacturing companies. The product of bhel are boiler, gas turbine, preheater, fan hydro power plant, piping, pulverizing and many more. The students were able to understand the basic of machine and machining operations for boiler, gas compressor and gas turbine blade and student was also able to understand the assembly of gas turbine blade.



## TERI

57 students of B.Tech, III year, Mechanical Engineering have visited TERI - The Energy and Resources Institute, Gual Pahari, Gurgaon Faridabad Road, Gurgaon, Haryana on 29 Sep, 2018. Students were accompanied by 4 faculty members 1. Dr. Sumit Tiwari, 2. Mr. Nagendra Kumar Maurya 3. Mr. Ashish Kr.Singh 4. Dr. Paramjeet Singh. There students have interacted with TERI Experts and discussed about the new technologies in the field of design and renewable energy recourses. TERI is a research institute based in New Delhi that conducts research work in the fields of energy, environment and sustainable development. It was established in 1974, it was formerly known as Tata Energy and Research Institute. The students were able to understand scope of the organization's activities includes climate change, energy efficiency, renewable energy, biotechnology, and social transformation.





# Student Achievements

Student Name: Pankaj Bhati

ME 4<sup>th</sup>yr (Roll no. 1519240140)

Batch:2015-19

S.No	Event Name	Location	Position	Level	Remark	date
1	IIM Calcutta Innovation Park smarty fifty challenge	IIM Calcutta, West Bengal	Top 3000	National level	Among top 3000 projects and win a benefits of worth Rs.60,000.	16/02/2018
2	Ideation challenge 2k16	GLBITM Greater Noida,U.P	1st	College level	Win cash prize of worth Rs.10,000.	02/07/16
3	MastishkAbhati 2k17	GLBITM Greater Noida,U.P	1st	Zonal level	Win cash prize of worth Rs 10,000.	14/10/17
4	Kalam-Centre for Innovation and Incubation of Startups	Lucknow ,U.P	Top 50 Projects	State level	To present the project in front of "Honorable chief minister of U.P shri Yogi Adityanath".	1/01/16
5	Navonmesh-2k17	R.B public school Greater Noida,U.P	1st	Zonal level	Win cash prize worth Rs 15,000.	20/01/17
6	Innovation path of future	GH Academy of Engineering and Technology, Nagpur.	3rd	City level	Win benefits worth Rs.10,000.	22/06/15
7	ASME-2018 Power and Energy Conference	Walt Disney World in Florida.	2 <sup>nd</sup> stage	International level	Abstract get selected.	01/2/18
8	Dr.Abdul Kalam Technical literary and management fest 2018-19	Greater noida	1 <sup>st</sup> rank	Zonal level	Business plan	30/01/19
9	Dr.Abdul Kalam Technical literary and management fest 2018-19	Lucknow	2 <sup>nd</sup> rank	State level	Business plan	15/02/19
10	IGNITE IILM CET TECHFEST 2019	GREATER NOIDA	1 <sup>st</sup>	City level	Pitch an idea Won benifits of 5000	8/03/19

## Welcoming our new faculty members

S.No	Name
1.	Dr. S P. Dwivedi
2.	Dr. Ashish Kr. Srivastava
3.	Dr. Abhishek Sharma
4.	Mr. Sandeep Chauhan

## Research Publications

In the session 2018-19 our esteemed faculty members have published 71 research papers in mechanical and other engineering domains which have contributed a lot in the up scaling of current standards of engineering technology.