

Gyanmanjari Institute of technology Bhavnagar

Mechanical Engineering Department



Organized



Engineer's Day celebration

Date: 15th September 2021

At

GMIT campus

Faculty Coordinator: Prof. S.J.Vala

*****During whole event we followed all Covid-19 guidelines**



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Acknowledgement

We are thankful to our college to organize such kind of student chair activity on auspicious day of engineer's day. We are also thankful to our honorable Principal, Dr. H. M. Nimbark and Head of the Department Prof. K. B. Khiraiya and Administrative Head Kamleshbhai Patel and all mechanical department faculties who have given us a great guidance and support regarding this event and also arrange facilities for this event.



General Information

❖ About Engineer's day

- ❖ India celebrates Engineer's Day to commemorate the birth anniversary of the greatest Indian Engineer, Mokshagundam Visvesvaraya, on September 15 every year. Engineer's Day is celebrated to pay rich tributes to Bharat Ratna Visvesvaraya who was regarded as the 'Father of Modern Mysore'.
- ❖ A prolific civic engineer, educationist, economist, scholar of the 20th century, Visvesvaraya made significant contributions in the field of engineering. However, UNESCO celebrates World Engineer's Day on March 4 annually. Engineer's Day is observed to acknowledge the efforts of various engineers who have made contributions in this field to make our present lives comfortable.

➤ **Who was Mokshagundam Visvesvaraya?**



- ❖ On Engineer's Day, the nation pays tribute to Visvesvaraya for his contributions to the society. Born in Karnataka in 1861, Visvesvaraya studied Bachelor of Arts(BA) from the University of Mysore and then studied civil engineering from the College of Science in Pune and went on to become one of the most eminent engineers in the country.

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- ❖ Visvesvaraya started his career as an assistant engineer in the Public Works Department of the Government of Bombay and made significant contributions to many technical projects in Mysore, Hyderabad, Odisha and Maharashtra. He was appointed as the Diwan of Mysore in 1912 and as a chief engineer, he constructed the famous Krishna Raja Sagara Dam in the city.
- ❖ He brought major reforms in the field of banking, education, commerce, agriculture, irrigation and industrialisation and was also a well-known precursor of economic planning in India.

Significant contributions of Mokshagundam Visvesvaraya:

- ❖ His notable contributions include the block system of irrigation in the Deccan canals in 1899 and the flood protection system in Hyderabad.
- ❖ The automatic water floodgates, initially installed at the Khadakwasla reservoir in Pune in 1903, were later patented and the government of India also graced him with 'Bharat Ratna' for his work.
- ❖ He also established the Government Engineering College in Bengaluru in 1917, which was later renamed as University Visvesvaraya College of Engineering. An architect of Krishnaraja Sagar Dam, he also served as one of the chief engineers of the flood protection system in Hyderabad.
- ❖ -He was known for his excellent irrigation techniques and had flood disaster management skills.
- ❖ He also authored various books, such as 'Reconstructing India' and 'Planned Economy of India'.

Awards and Honours:

- ❖ The government of India awarded Mokshagundam Visvesvaraya with the highest possible civilian honour - Bharat Ratna in 1955 for his outstanding contributions to industrial, economic, and social projects. He was also graced with the British Knighthood by the then King George VV, which put 'Sir" before his name.



Purpose of Event

✚ Engineer's day celebration purpose

- Engineer's day celebration is the perfect opportunity for us to pay honour to the Mokshagundam Visvesvaraya.
- The Engineering Community across India is celebrating Engineers Day on 15 September every year as a remarkable tribute to the greatest Indian Engineer Bharat Ratna Mokshagundam Visvesvaraya (popularly known as Sir MV). He is held in high regard as a pre-eminent engineer of India. "Role of Engineers in developing India" was the theme of the event. This event is planned to create awareness to students and faculties on Role of engineers in the development of our Nation.
- Also due to this pandemic Covid-19 students were bored at home with online learning so need to be refresh so we plan a student day celebration at college campus with strictly follow all Covid 19 guidelines.



Event detail

✚ Event Poster :



Gyanmanjari Institute of Technology

Mechanical Engineering Department

One day workshop on IPR and its role in Research & Innovation

On the auspicious occasion of Engineer's day



Expert Name :
Dr. Hitesh Panchal



Featured in the Top 2% Indian scientist in Energy category, published by Stanford University Featured in AD Scientific Index Fellow Member of I2OR LMISTE, MISTE, LMISH, LMISME, LMSOPTER, LMISHARE, LMI2OR Currently Assistant Professor in Mechanical Engineering Department at GEC, Patan

Registration Link : <https://forms.gle/32ja2n5exuuTGg9N6>

Date : 15-09-2021 Time: 10:30 AM to 05: 30 PM

Venue
Ground floor, seminar hall, GMIT campus

Feel free to reach out for any queries



Program coordinator
Prof. Jay Bhatt
(8200727717)



In association with



Student Startup Innovation Policy



Scheme for Promoting Interests, Creativity & Ethics among Students (SPICES) Team
Institutional Development Cell
All India Council for Technical Education, New-Delhi

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Event registration link : <https://forms.gle/32ja2n5exuuTGg9N6>

Event schedule :

Sr. No	Activity	Presented By	Time
Inauguration ceremony (10:30 am to 11:00 am)			
01	National anthem	All Respected Delegates and Students	10.30 AM –10: 35 AM
02	Welcoming & Lightning of Lamp	All Respected Delegates	10:35 AM –10:45 AM
03	Guest of honor speech	Dr. H. M. Nimbark (Executive director GMGC)	10:45 AM –10:55 AM
04	Objective of Event	Prof. Jay Bhatt	10:55 AM –11:00 AM
05	session-01 (Expert talk)	Dr. Hitesh Panchal	11:00 AM to 12:15 PM
Lunch Break (12:15 PM to 1:15 PM)			
06	Fun activities	Prof. Jay Bhatt	01:15 AM – 03:00 PM
Tea Break (03:00 PM to 03:15 PM)			
07	Alumni connect	Prof. Jay Bhatt	03:15 PM – 04:15 PM
08	Conclude speech	Prof. K.B. Khiraiya (HOD –Mech.Dept. GMIT)	04:15 PM – 04:25 PM
09	Vote of Thanks	Prof. Jay Bhatt	04:25 PM – 03:30 PM

Press Note:

FRIDAY, 24•09•2021

જ્ઞાનમંજરી ઇન્સ્ટિટ્યૂટ ઓફ ટેકનોલોજી ખાતે પરિસંવાદ બૌદ્ધિક સંપદામાં વધારો કરી દેશને ઉત્તમ બનાવવામાં છાત્રોનો સૌથી મહત્વનો ફાળો

વિષય નિષ્ણાંતો દ્વારા પરિસંવાદમાં છાત્રોને માર્ગદર્શન અપાયું

। ભાવનગર (સંદેશ પ્રતિનિધિ) ।

વિશ્વની અંદર ભારત દરેક ક્ષેત્રે પ્રગતિમાં આગવું સ્થાન ધરાવે છે. દરેક ક્ષેત્રમાં પ્રગતિ સાધવા માટે નવીનતા અને સર્જનાત્મકતાને પ્રોત્સાહન માટેનું વાતાવરણ પૂરું પાડવું એ ભારતની આગવી ઓળખ છે. આ પ્રગતિની સાથે માનવ ઉત્કર્ષના વિકાસમાં બૌદ્ધિક સંપદામાં પણ વધારો થયો છે. આ બૌદ્ધિક સંપદામાં વધારો કરી દેશને ઉત્તમ બનાવવા માટે સૌથી અગત્યનો ફાળો વિદ્યાર્થીઓનો છે. તે હંતુથી વિદ્યાર્થીઓમાં જાગૃતતા લાવવા માટે જ્ઞાનમંજરી એન્જિનિયરિંગ કોલેજના મિકેનિકલ ભાગ દ્વારા બૌદ્ધિક સંપત્તિ અધિકારો (IPR) અને સંશોધન અને વિકાસમાં તેની ભૂમિકાએ વિષય પર એક દિવસીય પરિસંવાદ યોજાયો હતો. આ અંગે સંસ્થાના મુરોશ મકવાણાએ જણાવ્યું હતું કે, પરિસંવાદમાં આ ક્ષેત્રના



તજજ ડો. હિતેશ પંચાલ (પ્રોફેસર, ગવર્નમેન્ટ એન્જિનિયરિંગ કોલેજ પાટણ) દ્વારા માર્ગદર્શન પૂરું પાડવામાં આવ્યું હતું. આ પરિસંવાદમાં નિષ્ણાત દ્વારા બૌદ્ધિક સંપદા અધિકાર જેવા કે એકાધિકાર હકો (પેટન્ટ), પ્રકાશનાધિકાર (કોપીરાઈટ), વ્યાપારી ચિન્હો (ટ્રેડમાર્ક) તથા તેનું સંશોધન અને વિકાસની અંદર શું ભૂમિકા છે તેની વિસ્તૃત છણાવટ કરી હતી. એક

વિદ્યાર્થી તરીકે દેશના વિકાસમાં આ ક્ષેત્રે યોગદાન આપવાની પ્રેરણા અને પ્રતિજ્ઞા નિષ્ણાંત દ્વારા આ પરિસંવાદમાં આપવામાં આવી હતી.આ સમગ્ર કાર્યક્રમનું સંચાલન પ્રો. જય ભટ્ટ દ્વારા કરવામાં આવ્યું હતું.આ પ્રસંગે મિકેનિકલ શાખાના વડા પ્રો. કુણાલ ખીરિયા અને સંસ્થાના એકિઝક્યુટિવ ડાયરેક્ટર ડો. એચ. એમ. નિમ્બાર્કએ આ કાર્યને બિરદાવ્યું હતું.



Event detail

Expert talk (IPR and its role in research & innovation)

After inauguration we started a Expert talk. More than 132 students register their name for this event.

All faculties of mechanical department and HOD were present during this event.

Expert profile



Dr. Hitesh Panchal

LMISTE, MISTE, LMISH, LMISME, LMSOPTER, LMISHARE ,PGDIT

Currently work at Gujarat Education Service (GES) CL-II Assistant Professor,
Mechanical Engineering Department Government Engineering College, Patan.

A Workshop on intellectual Property Rights was conducted at GMIT campus. The workshop was jointly organized by SSIP. The venue was the seminar hall of the college. 132 participants were attended the Workshop. The workshop was inaugurated by our principal sir and HOD of mechanical at 10 am. College Principal Dr.H.M.Nimbark presided the session. Welcome speech was by prof. K.B. Khraiya

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,HOD ,Dept of mechanical. The Key note Address was delivered by Dr.Hitesh Panchal (Assistant professor GEC Patan)

His lecture started with the topic ,‘What is Intellectual Property’. Then he discussed on different aspects of Intellectual Properties like What is a Patent, Patent Rights, Trademarks, Industrial Design, Geographical Indication, IC Layout (Semiconductor, Trade Secret ,Copyright, Protection of plant varieties, Farmers’ Rights and Researchers’ Rights. then he explained the various aspects of copy right. he discussed in detail about the topics like ‘ What is copyright?’, What do we mean by author or creator?’ Originality of Literary works, Judicial decisions(Copyright in judgments produced by courts vs. government) etc. also he explain the term Trademark”, “Service Mark and Collective mark. His presentation was much informative as he cited interesting case studies. also the presentation with explaining ‘what is patent’ .He discussed the matter with the Instant camera story of Poloroid VS Kodak. He distinguished Patentable and Non patentable inventions in India. He gave various examples of patents in Life Science. The procedure for the application of patents and the various steps of granting of patents are described. He concluded the session by explaining about post grant oppositions and Claims.

He concluded the talk by explaining the rationale of protection and the nature of IPR. IPR are monopoly rights. He emphasized that IPR have to be renewed from time to time for keeping them enforced except in case of copyright and trade secrets. Also he explain its important in research field .



🌈 Fun activities

Many short Fun Activities were carried out in which students enjoyed a lot. The activities were having both fun and message in it. The activities were like Pass the message in chain, Copy the action in chain, Musical Chair, Push ups challenge, hold the brick challenge, Quiz on general topics apart from technical. In the activities pass the message and copy the action, they learned the hidden message that there is a high possibility of misunderstandings when message is passed from person to person especially when more people are included in chain.

In quiz, there were four rounds. Each round were having different rules like compulsory questions, press the buzzer etc.. Questions from general awareness were also included and some from Bollywood industries too, to maintain constant interest of students. Some questions were also based on audio visual presentation. Overall the event was successful and the winner's names were announced from all the activities and students cheered them with enthusiasm.



✚ Alumni connect

We invited our two students from 2016 Batch who completed their Bachelors in 2019. Jay Trivedi and Manas Pandit were invited at campus and they eagerly accepted the invitation. Jay Trivedi is currently working in QC Department at well known company of Bhavnagar, Acrysil Ltd. Manas Pandit has recently completed his Masters degree successfully.

Both of them shared their views about college life and life after bachelors. They also gave tips to students of do's and don'ts. Manas appreciated efforts of faculties in GMIT and said students that after bachelors, one will never find these kind of faculties who are multi tasking and providing guidance to students at each point of time. He also suggested how to choose stream if you want to study further after bachelors. Students asked questions on reference books, different PG coeres in India and Manas answered each one justifiably.

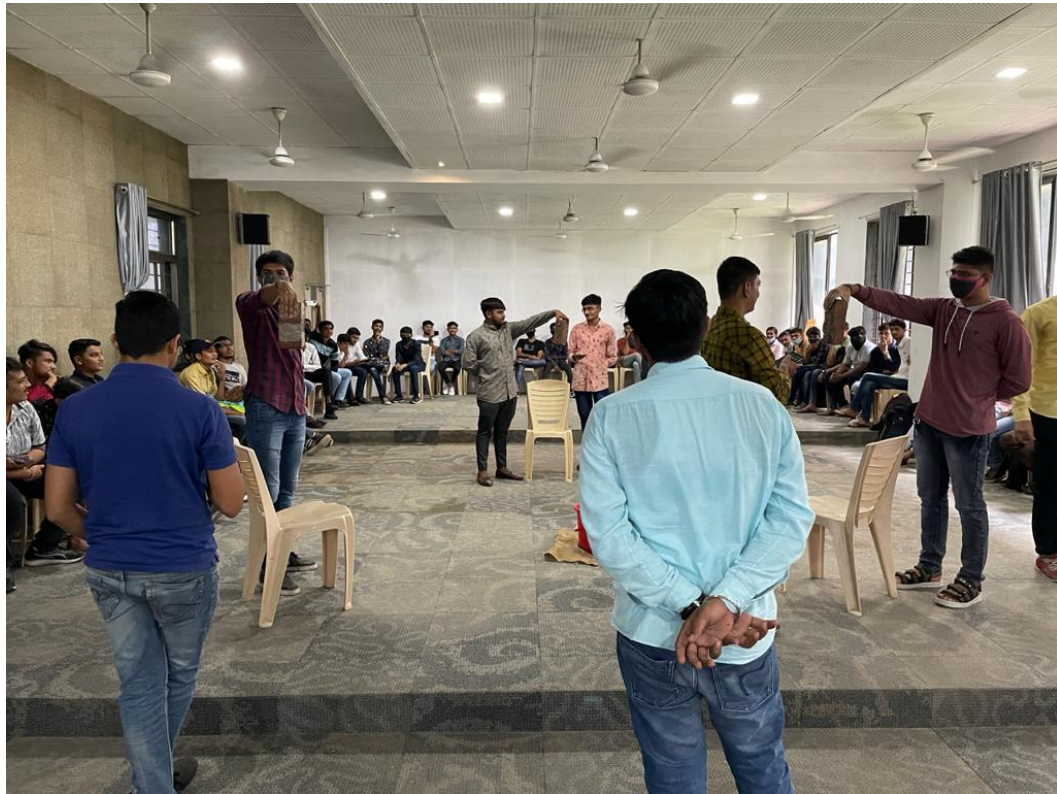
Jay trivedi shared his views on working environment of current industries, suggested some tips to stdents during interview and also some Do's and don'ts if you want to successfully survive in industry. He also added he is missing college days and the way faculties helped them during their study. Students asked him about interviews, different field of expertise in which they should go, etc.. and Jay answered all the questions politely and satisfied the students.

Overall, the session was informative, little bit of emotional, motivating and definitely successful.



Event snaps





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Conclusion

After such imaging Engineer's day celebration students The students were very happy and joyful. The expert talk will gives motivate to the students for IPR field. Alumin connect was to

Reviews from students said that this event has highly motivated them and they also enjoyed to participate in all Technical events and fun activities.