



RAO PAHLAD SINGH COLLEGE OF ENGG. & TECH.

Approved by AICTE / Govt. of India & Affiliated to I.G.U., Meerpur

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RPS COLLEGE OF ENGINEERING & TECHNOLOGY

Departmental Activities Record

Department of Electronics & communication Engineering

ACTIVITY NO. 1

IETF, DELHI VISIT

ON 17-02-2023

EXECUTED BY : MR. SANDEEP YADAV, MR. SANDEEP KUMAR

PARTICIPANTS : ECE (2ND YEAR AND 3RD YEAR STUDENTS)

IETF 2023

IETF is a platform for buyer seller meets, international conferences and seminars, business networking, technology assessments, strategic partnerships, vendor development and is attended by visitors from around the globe. The categories of visitors include CEOs, decision makers, and technical experts. Sourcing personnel, diplomats, Trade Government Delegations, students from technical background and media.





Focused Shows at IETF 2023:

1. Advanced Building Technologies Show (ABTS) 2023



2. Fluid Power Expo 2023



3. Factory & Plant Expo 2023



4. India Industrial Automation Robotics & Electronics Expo (IIAREE) 2023





5. Logistics 2023



6. MECTECH 2023



7. Metal & Metallurgy Expo 2023






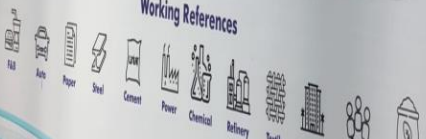
8. Innovative Coating & Paints Expo 2023

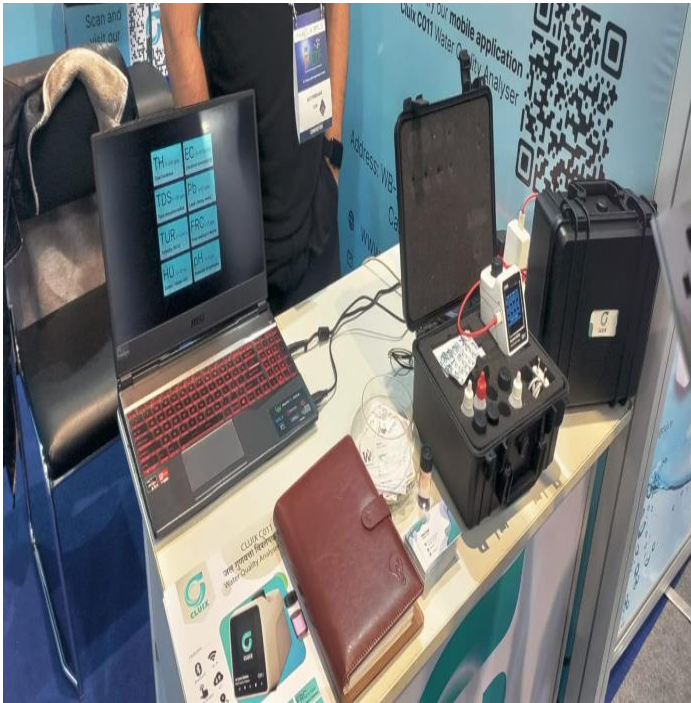


9. Water & Waste Expo 2023



Alternate Sources of Water

Industrial Effluent	Sea Water	Municipal Sewage
 <p>References</p> <ul style="list-style-type: none"> 50+ for Recycle 25+ for ZLD 100+ for ETP 	 <p>14+ References</p> <ul style="list-style-type: none"> 26.4 MLD: Chemta Petroleum Corporation largest Industrial SWRO Plant in Chennai, India 19.8 MLD: NTPC-TNEB largest sea water plant for Power industry in Chennai, India 	 <p>100+ References</p> <ul style="list-style-type: none"> 30 MLD: Treated Sewage reuse for Welspun Ltd., Anjar, India 117 MLD: Treated Sewage reuse for Ratton Power, Nashik, India
<p>Working References</p> 		



Abellon CleanEnergy

A Promise to Clean India



Team Members visited:

1. Mr.Dinesh kr. Yadav
2. Mr. Sandeep
3. Mr. Prashanta kr.
4. Mr. Sajad Ahmed Bhatt
5. Mrs. Monika

Students visited:

1. ECE 4th sem
2. CV 6th sem
3. EE 4th sem

ACTIVITY NO. 2

ELECTRONIC CIRCUIT DESIGN COMPETITION ON 18-02-2023

EXECUTED BY : MR. PANKAJ SONI, SANDEEP YADAV, SANDEEP KUMAR
PARTICIPANTS : ECE (1ST YEAR , 2ND YEAR AND 3RD YEAR STUDENTS)

PHASE 1 : DESIGNING AND EXPLANATION OF CIRCUIT ON PAPER
PHASE 2 : PRACTICAL IMPLEMENTATION OF CIRCUIT



ACTIVITY NO. 3

INDUSTRIAL VISIT TO BHAKRA DAM & GANGUWAL POWERHOUSE ON 20-03-2023

EXECUTED BY : MR. SANDEEP YADAV, Mr. SANDEEP KUMAR
PARTICIPANTS : ECE (2ND YEAR AND 3RD YEAR STUDENTS)

A summary Report on “Industrial Visit to Bhakra Dam & Ganguwal Powerhouse”

On March 19, 2023, a group of students from the Civil, Electrical, and Mechanical Engineering departments, along with faculty members, embarked on an industrial visit to Bhakra Dam and Ganguwal Powerhouse. The visit was intended to provide students with practical exposure to the operation and maintenance of large-scale hydraulic structures and power generation facilities.

The group departed from RPS GOI Campus at 8:15 AM and arrived in Punjab at 5:00 PM. After checking into Mata Naina Devi Temple for the night, the group visited Bhakra Dam and Ganguwal Powerhouse the following morning. Although the students were not allowed to enter the premises of the Bhakra Dam, they were able to see it from a distance and observe its spillways, which were in operation at the time of the visit. This provided the students with a glimpse of the



dam's hydraulic and operational characteristics and how it manages to control and utilize the water resources of the region. The group also visited the

Ganguwal Powerhouse and had the opportunity to see the power generation process.

Later in the day, the group visited Anandpur Sahib Gurudwara, a holy place for the Sikh community. The students learned about the rich history and culture associated with the gurudwara and were impressed by its grandeur.

Next during evening, the group visited Sukhna Lake, a serene and picturesque lake located in Chandigarh. The students enjoyed a boat ride and had a relaxing time amidst the natural beauty of the place.



At the end of the visit during night, the group visited Elante Mall in Chandigarh, where the students had the opportunity to explore and enjoy the amenities of the modern shopping complex. The group then travelled back to the campus and arrived at 8:30 AM the next morning.

Overall, the industrial visit provided the students with a great learning experience and an opportunity to apply their theoretical knowledge to real-world situations. They were able to see the practical aspects of large-scale hydraulic structures, power generation facilities, and historical and cultural sites. The visit was also an enjoyable and memorable experience for the students, and they appreciated the efforts made by the faculty members to organize and coordinate the trip.

ACTIVITY NO. 4

EXPERT LECTURE IN FIELD OF ECE

A WORKSHOP ON “AUTOMATION AND MECHATRONICS”
BY SOFCON INDIA PVT. LTD., NOIDA
ON 25-03-2023

EXECUTED BY : MR. PANKAJ SONI
PARTICIPANTS : ECE (2ND YEAR AND 3RD YEAR STUDENTS)



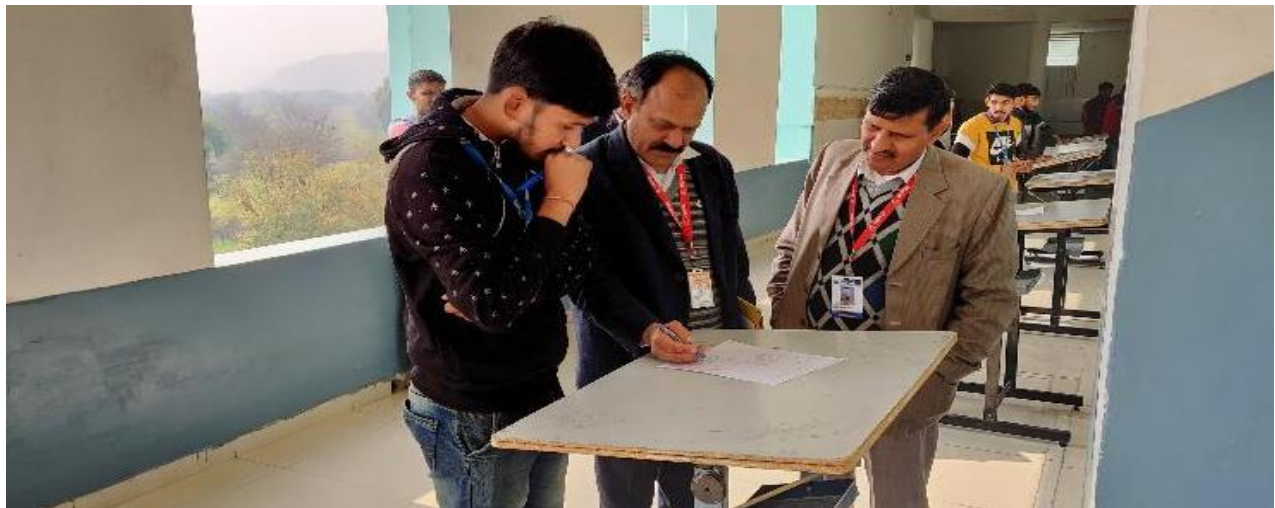
ACTIVITY NO. 5

Technical Paper Presentation Preparation

ON 29-03-2023

EXECUTED BY : MR. SANDEEP

PARTICIPANTS : ECE (2ND YEAR AND 3RD YEAR STUDENTS)



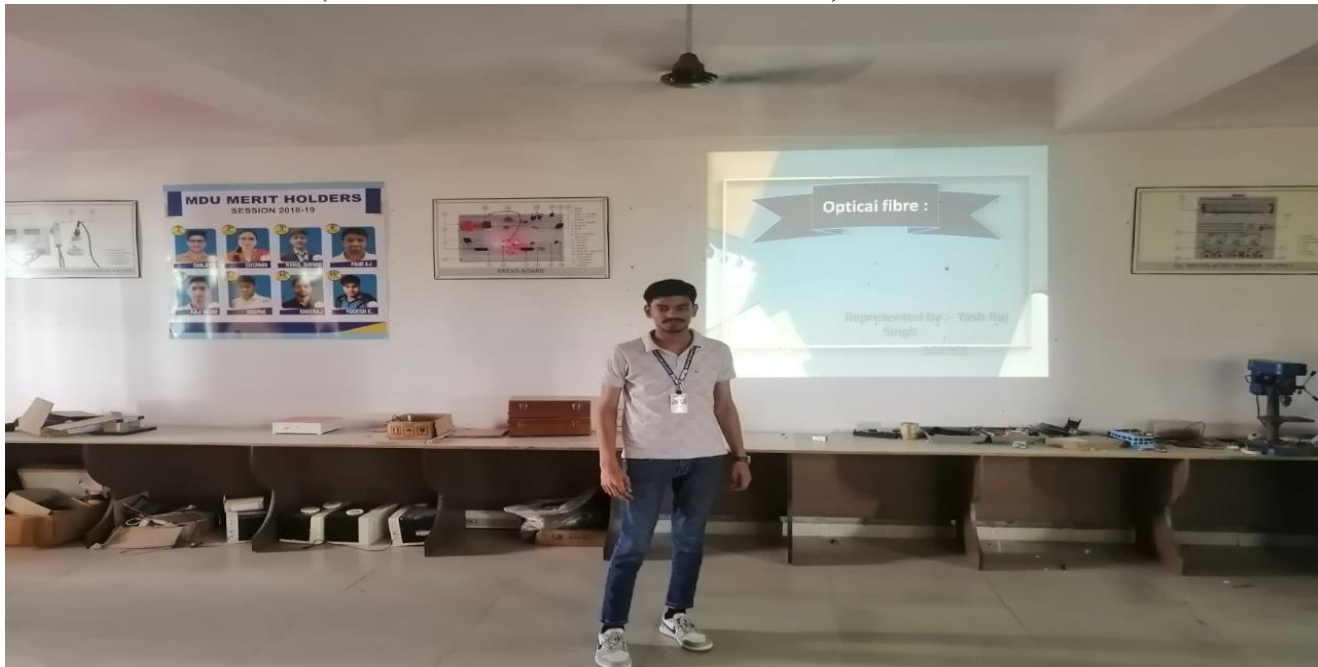
ACTIVITY NO. 6

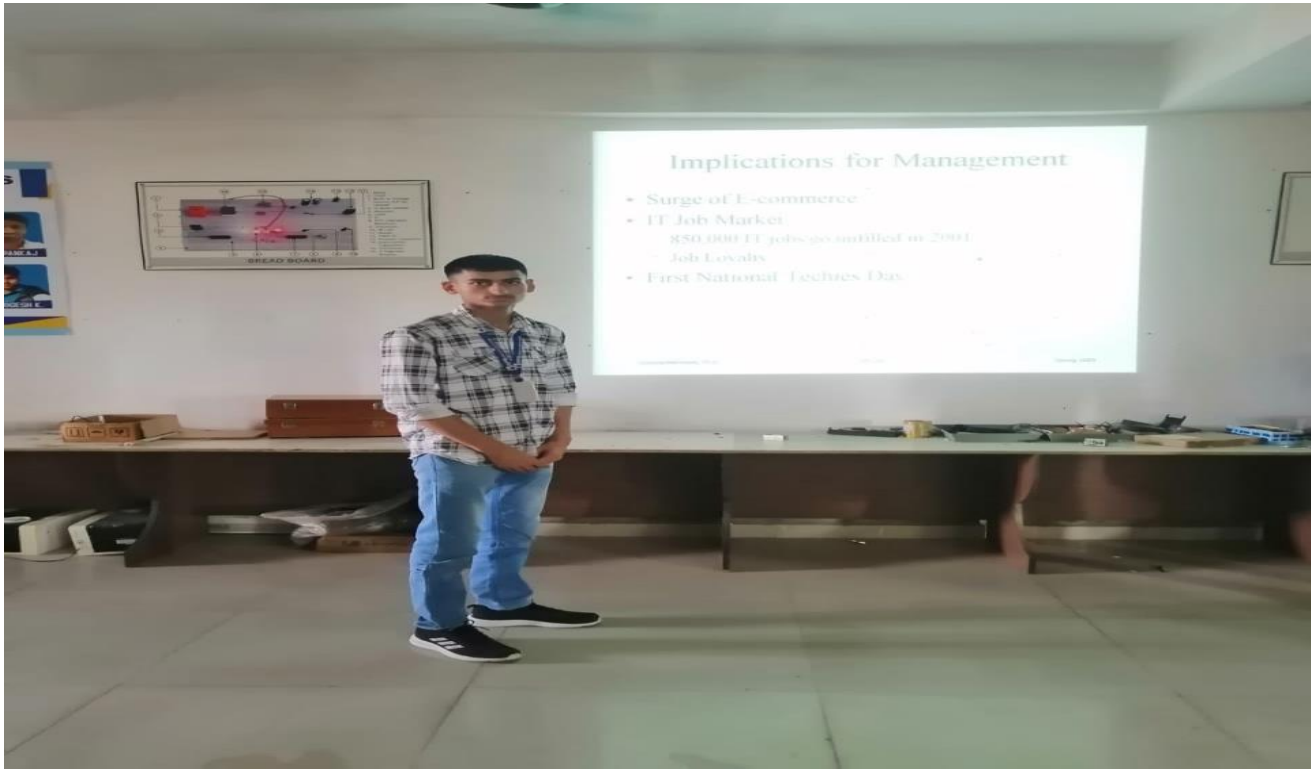
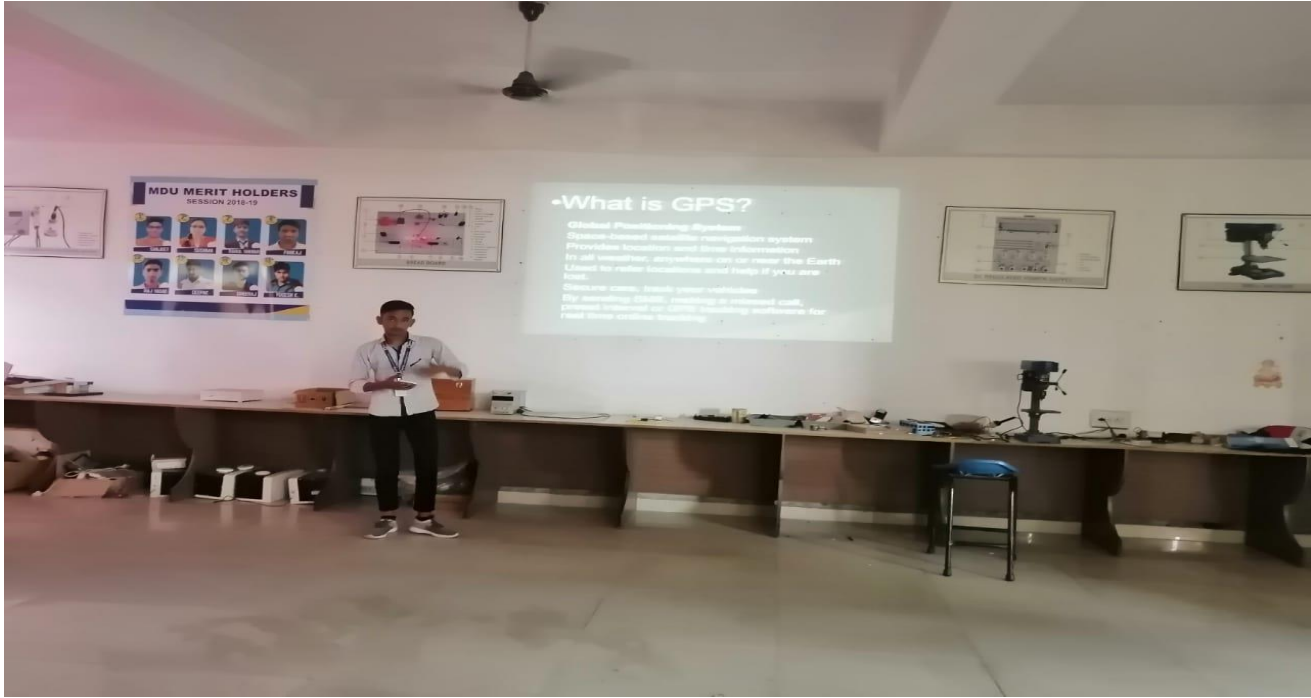
Power Point Presentation Competition

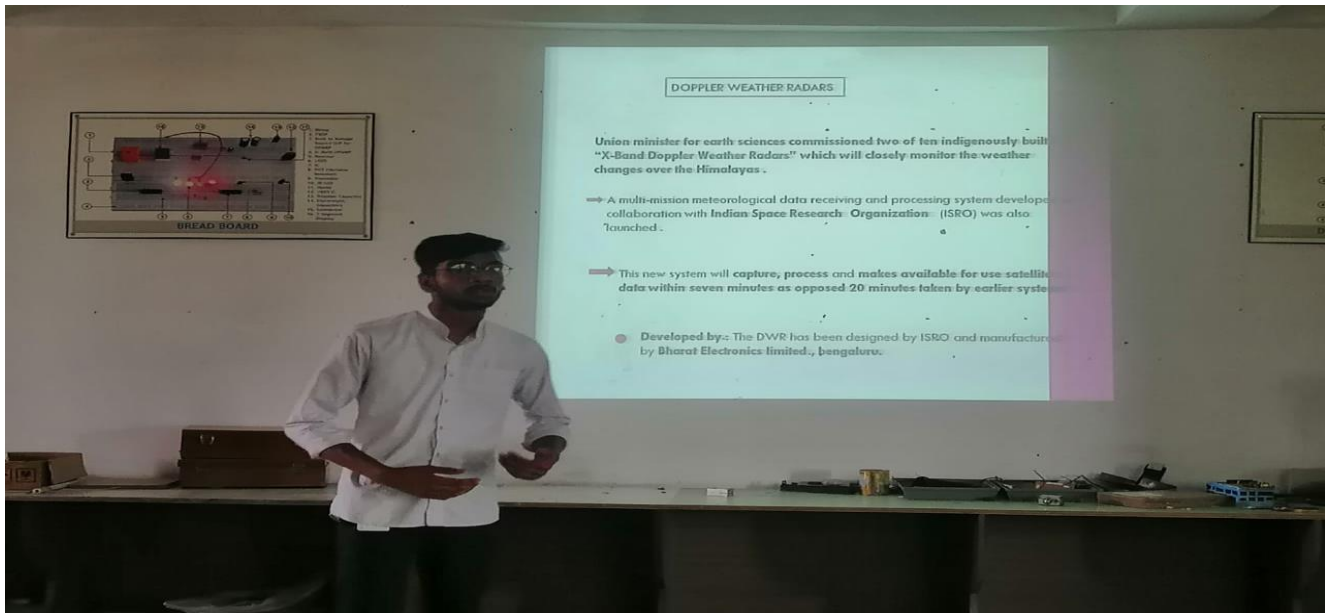
ON 18-04-2023

EXECUTED BY : MR. SANDEEP KUMAR

PARTICIPANTS : ECE (2ND YEAR AND 3RD YEAR STUDENTS)







**With Best Regards
Prof. Sandeep
Head (ECE Deptt.)**