



MAHAVEER

INSTITUTE OF SCIENCE & TECHNOLOGY

(Approved by AICTE, New Delhi | Affiliated to JNTUH, Hyderabad)


Hyderabad | PIN: 500005

3.2.1. Institution has created an Ecosystem for innovations and has initiatives for creation and transfer of knowledge

The institution has created an ecosystem for innovation including incubation Centre and other initiatives for creation and transfer of knowledge. The faculty members are empowered to take up research activities utilizing the existing facilities.

Research and Development Cell (R&D Cell) of MAHAVEER Institute of Science and Technology Promotes the students and faculty member of the institute for research and innovations related activities in their respective domains. It aims to nurture research culture and training in research and related skills for enhancing the academic quality and the general research capability of budding entrepreneurs to compete the technical world. R&D Centre try to bridge gap between academics and industries to make education more sustainable. This centre committed to improve the quality of education, in terms of technological based learning and provide the solution for societal problems. Main Objective of R&D Cell is

- To create awareness and Research atmosphere among faculty and students of various departments.
- To inculcate culture among the staff members to undertake Research projects and improve their knowledge, skills and qualifications by registering for Doctoral Programs.
- To motivate the faculty members for R&D activities in the area of their specialization.
- To encourage students and staff to publish technical papers in National and International Journals/Conferences of repute.
- To undertake research activities and development projects offered by funding agencies such as DRDO, RCI, DST, AICTE, UGC, etc.


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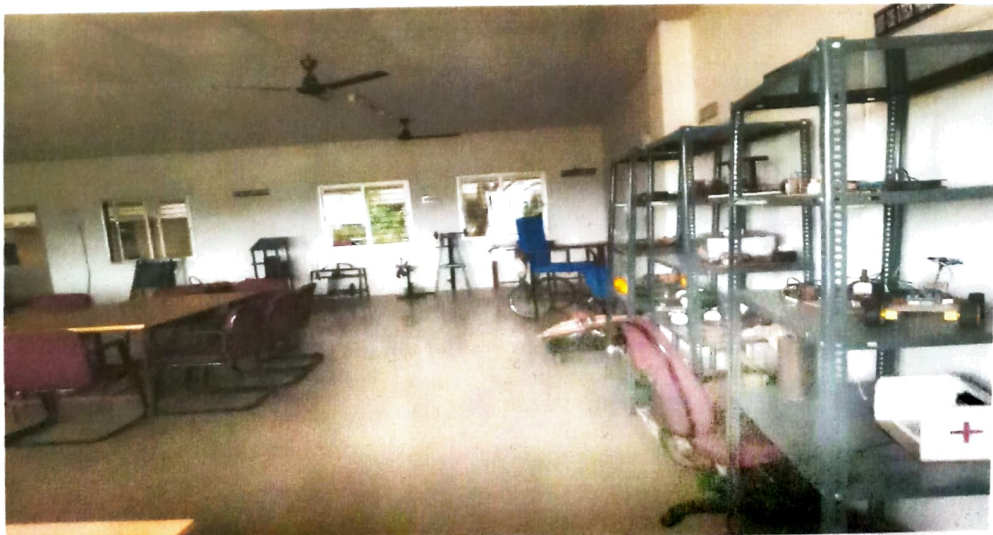
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In order to promote research and development activities, the institute extends its full support to students/ faculty/ staff. Full/Partial financial support is given to all innovative research & development works taken up by the students, faculty and staff members. The college encourages students, faculty and staff to participate in National/International Conferences, Training programs, etc.

The Student Incubation Centres are established in the labs of every department. The R&D cell co-ordinates with Student Incubation Centres of all the Depts of the Institution. Most of the Depts. have MOUs with Industries/Institutions for B.Tech & M.Tech Mini & Major Projects and encourages and rewards students for their incubative ideas in developing Projects

To organize the workshops, Conferences, and FDPs to create awareness about Patent and IPR.

MIST-Institution-R&D and Industry Cell- Room no.131




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Department wise Centre of Excellence, innovation, Incubation and Entrepreneurship Labs



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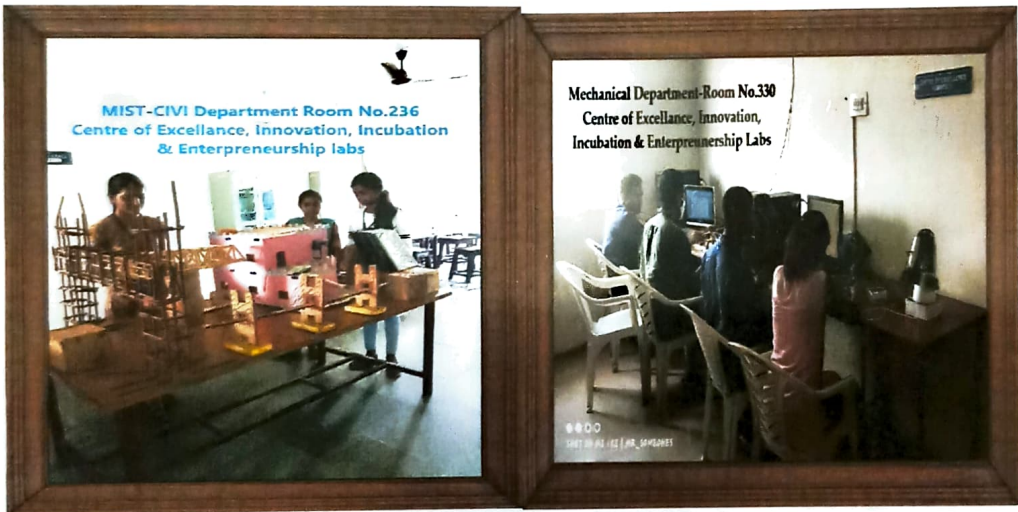



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The following projects designed and developed in MIST Incubation Labs



CNC MACHINE BASED ON LASER ENGRAVER USING ARDUINO UNO

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WIND TURBINE BASE FOR WATER PUMPING AND POWER GENERATION

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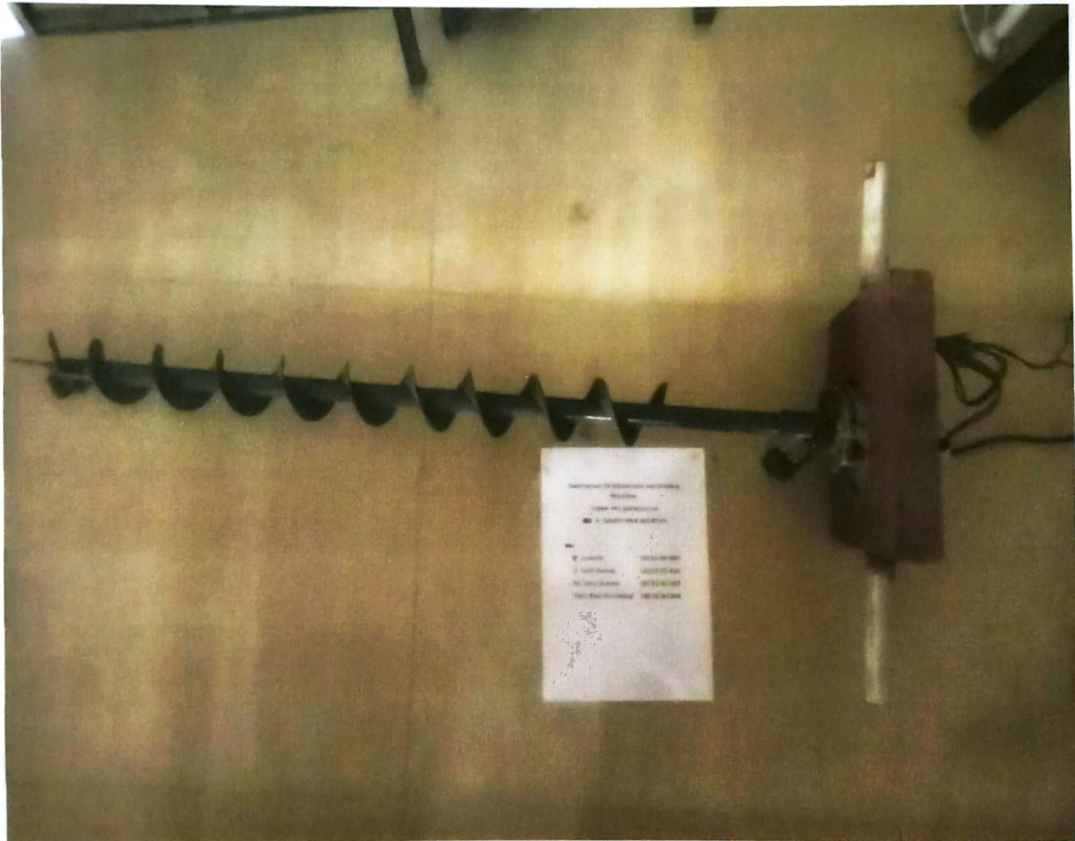


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FAABRICATION OF MOTORISED SOIL DRILLING MACHINE


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SMART WHEEL CHAIR CONTROL USING VOICE WITH APP


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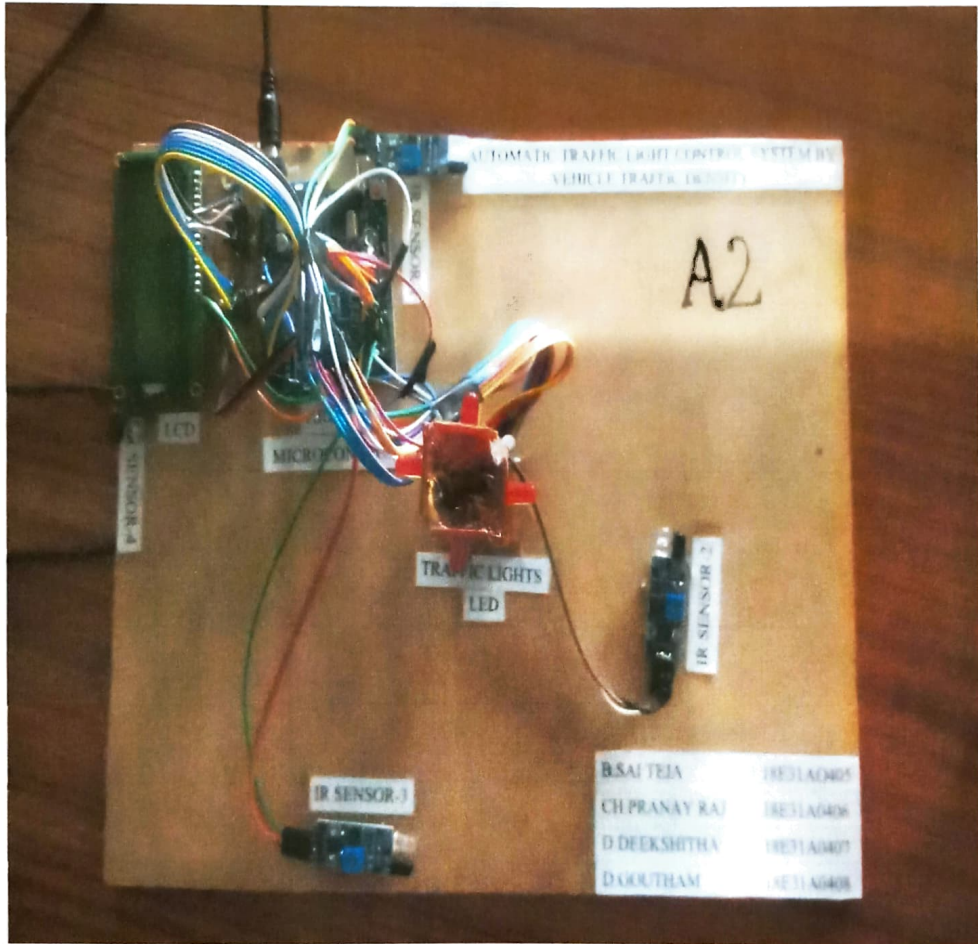


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AUTOMATIC TRAFFIC LIGHT CONTROL SYSTEM BY VEHICLE TRAFFIC DENSITY

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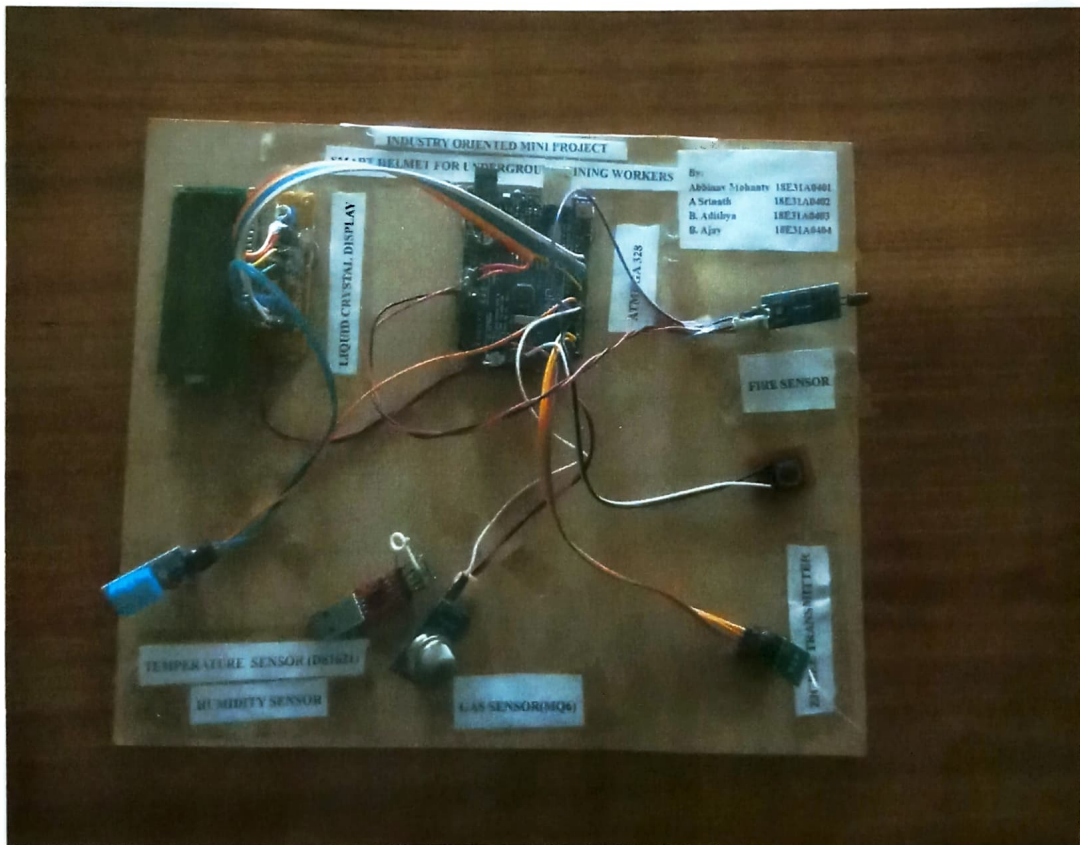


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SMART HELMET FOR UNDER GROUND MINING WORKERS


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POWER GENERATION USING SPEED BRAKER

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SMALL SCALE POWER WEEDER

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PEDAL OPERATED BENCH GRINDING MACHINE

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No. of Students participated in Hackathons


CSE&IT Department:

Six students participated in Spirit of Go-Kart in 2019 February hosted by KL University-Andhra Pradesh.

S.No	Year	HT No.	Name of the Student	Project Title	Guide
1	2020	16E31A1206	CH.CHAITANYA	CONTEXT AWARE FAKE NEWS DETECTION USING HIERARCHICAL DISCOURSE LEVEL STRUCTURE	Dr A NANDAGOPAL REDDY

1. Syed Omer Ali




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T.Aditya Narayana



Ashna Ahmed




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