



G H PATEL COLLEGE OF ENGINEERING & TECHNOLOGY, V V NAGAR

Mechatronics Department

Mechatronics Department has organized one day technical tour and visit for BBIT, V V Nagar Students. The visit was organized on 1st March, 2023 during 10 am- 4.30 pm. Around 26 students have participated in visit. The main focus of the visit is skill development through AICTE – Idea Lab and to make them aware about the lab facilities and courses offered by the Department.

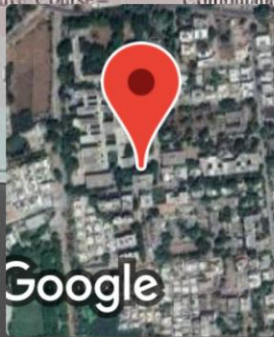
The students were accompanied with 3 faculty members from BBIT, mechanical department. In the beginning phase Dr Vinod Patel (Head, Mechatronics) had explained them the course structure and career opportunities after graduation in mechatronics. Various other topics like recent advancement in Automation, Robotics, Sensors and Hydraulics and Pneumatics were discussed by various faculty members. Then students were shown various laboratories and few hands on sessions were performed. The Projects done under the department were shown to them.

There was a small refreshment break where all the students were given a chance to interact with all the department faculties and able to discuss their area of interest. In the session from 2; 00 pm to 4.30 pm , they have had different hands on sessions in AICTE idea lab.



Course Group	Course Name	Cr	T	P	Tu	Hrs	Passing	Passing	Passing	Pass
Internship	Industrial Internship	16	0	32	0	32	NA	NA	150/75	150/75
	OR									
Professional Elective Course – V	Production Optimization Techniques	4	3	0	2	5	50/18	50/17	25/9	25/9
Professional Elective Course – V	Quality Assurance and Reliability	4	3	0	2	5	50/18	50/17	25/9	25/9
Professional Elective Course – V	Renewable Energy Sources	4	3	0	2	5	50/18	50/17	25/9	25/9
Professional Elective Course – V	Advanced Manufacturing and Metrology	4	3	2	0	5	50/18	50/17	25/9	25/9
Professional Elective Course – V	Artificial Intelligence for Mechatronics	4	3	2	0	5	50/18	50/17	25/9	25/9
Professional Elective Course – V	Computational Fluid Dynamics	4	3	2	0	5	50/18	50/17	25/9	25/9

 **GPS Map Camera**



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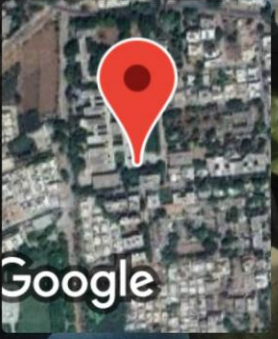
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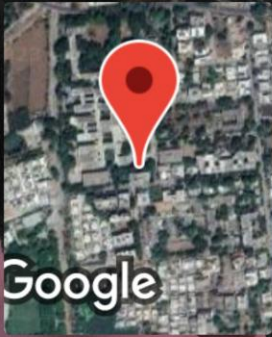
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