

XAVIER INSTITUTE OF ENGINEERING

18/03/2023

TE (I.T) SEM VI

Mini Project - Sensor Lab

(AY:2022-23)

NOTICE

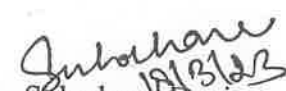
This is to inform all the students that the Mini Project Exhibition of the TEIT class has been scheduled by Department of Information Technology on Tuesday, 28/03/2023. It is mandatory to all project groups to participate and demonstrate their project. Also exhibit the project idea in the form of poster presentation.

Note: Submit the poster to your respective project guide.

Venue: Seminar Hall (2nd Floor)

Time: 11:00 AM - 1:00 PM


Ms. Suvarna Aranjo
(Subject Incharge)


Ms. Sulochana Devi
(Subject Incharge)


Ms. Stella J
(Subject Incharge)


HOD - I.T



XAVIER INSTITUTE OF ENGINEERING

Mahim, Mumbai 400016

Department of Information Technology

(NBA Accredited)

(Approved by AICTE, Govt. of Maharashtra and Affiliated to University of Mumbai)

Bachelor of Engineering-TE (Information Technology)

A. Y 2022-2023

Mini Project Topics - Sensor Lab

Date: 28/03/2023

Day: Tuesday

Time: 11:00 - 1:00PM

Roll. No.	GR No.	Student Name	Topic
1	202003002	AYARE BHARGAV UMESH VRUSHALI UMESH AYARE	Biometric Detector
	202003038	SINGH AMAR MAHESH ANITA	
	202003015	SHETTY VANSHIKA SURESH AMITA	
2	2021032004	HASHMI MOHAMMAD ARFAAT	Smoke Detector
	2021032001	DAKHWAY ASIM	
	2021032006	PAWAR SOHAM	
	2021032007	TRIPATHI RISHIKA	
3	202003025	GUPTA MAHESH MANOJKUMAR USHA	Trash Can Management System
	202003048	MONDAL TANIA KUSHADHWAJ JHUMA REGINA THANGA SELVA	
	202003029	PERUMAL ARUL VEL MURUGAN DEJINA	
	202003063	YADAV PRANJAL BHOLAPRASAD GEETA	
4	202003045	LAGAD SWASTIK RAJU MANISHA	Two way Digital Lock using RFID
	202003047	MISHRA ADITYA RATAN MEENA	
	202003051	RAJPUROHIT MAGHSINGH DEVISINGH CHAMPA	
	202003024	GUPTA BHARATKUMAR RAJENDRA NIRMALA	
5	202003007	MARATHE BHARGAVEE BHAGWAN ANITA	Bluetooth Enabled Home Automation
	202003010	PATIL SARTHAK VINAY SUREKHA	
	202003052	REDIJ RUSHIKESH VIKAS RUTUJA	

6	202003011	POLE ADITYA KIRAN LATA	Smart Door Automation
	2021032005	KHAN SAQUIB	
	2021032002	DESAI SUMIT	
	202003026	GUPTA HARSHITA RAKESH HEMLATA	
7	202003040	CHAVAN SARVESH PANKAJ RACHANA	Home Automation System
	202003035	SHAIKH USAMA GOLAM SARWAR MEHBOOBA CHALFEEN CHALIKU	
	202003057	SUNKA BHANU KISHAN RAMA	
	202003004	DALVI HARSH BHAU BHAKTI	
8	202003005	GARG KRISHNA ANISH PRITA	Smart Drainage System
	202003013	NAMBIRAJAN SANTHOSH - N.SUNDARAJOTHI	
	202003016	TALEKAR ROHAN SACHIN KAVITA	
	202003039	BADIPURAM PRITHVI HARIDARSHAN SUNITA	
9	202003020	BHABAL TANVI NARAYAN NAVITA	PNC Pen Plotter Machine
	202003044	KHAN FARHAN SHAKEEL SABERA	
	202003050	POOJARY SUDEEP SADASHIV SHASHIKALA	
	202003032	PRABHU ANISHA YOGESH SANJANA	
10	202003018	AGRAWAL DHRUV SANDEEP MANISHA	Alarm based system for sensing the water flow of borewell
	202003021	DESAI SOHAM ABHAY KINNARI	
	202003027	JOSHI FALGUNI SANJAY SWATI	
11	202003031	PATIL SANKET VIJAY MIRA	Water Quality Monitor
	202003033	PRAJAPATI AVINASH RAJKUMAR SANGITA	
	202003034	SAGAVEKAR ADITYA SATYAWAN PRERANA	
	202003023	GAWDE SEJAL SUNIL SAYLI	

Bachelor of Engineering-TE (Information Technology)**A. Y 2022-2023****Mini Project Exhibition Topics****Date: 28/03/2023****Day: Tuesday****Time: 11:00 - 1:00PM**

12	202003001	CHRISTINA ANNE M A KAVITHA	Smart Fan
	201903019	KADAM AVANI DHARMASHRI SANGITA	
	202003017	NADAR WINCY MISPA MERCY RAJAN	
	202003042	DHANGAR SHEKHAR GANESH YASHODA	
13	202003009	NADAR CASTRO SIMON TAMILMANI NADAR	Attendance Generator using RFID
	202003037	SHINDE ISHIKA SANJAY SHWETA	
	202003059	TIWARI OM RAKESH VANDANA	
	202003046	MANJALY JEEVAN VARGHESE MINI	
14	202003060	VAIDYA MRUNAL RAHUL KOMAL	Budgeting Application
	202003054	SHISHODIA ARJUN SINGH SUBHASH SINGH ANITA	
	202003058	TEDDU SHAILESH SUDARSHAN MANISHA	
	202003061	VENGURLEKAR GAURAV MURLIDHAR JAYASHREE	
15	2021032003	DSOUZA LEITH	Secure Parking System
	202003028	MISHRA TUSHAR KAILASH NILU	
	202003003	CHAURASIYA MAHENDRA KUMAR RAJARAM SHARADA	
16	202003019	ANSARI MOHAMMAD WAQIUR RAHMAN MOHAMMAD	Password Door Lock
	202003030	PARDESHI VANRAJ SURESH MEENA	
	201903007	CHALKE RAHUL ATMARAM KAVITA	
	202003055	SINGH ANURAG SUNIL GEETA	
17	202003012	POLE SHUBHAM KIRAN LATA	Smart Floor Cleaning Robot
	202003049	PAWAR TRUPTI CHANDRAKANT SANGITA	
	202003056	SINGH ARADHANA SANTOSH RADHIKA	
	202003053	SABAT KRISHNA RAJENDRA SANJUKTA	

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Mini Project Exhibition Topics

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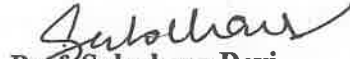
Day: Tuesday

Time: 11:00 - 1:00PM

18	202003014	SHAIKH HAMZA ABDUL HAMID SHAHISTA	Line Following Robot
	202003036	SHARMA ANSHUMAN SHYAMPHAL DEEPSHIKHA	
	202003041	CHINTA VANSH SURESH GEETA	
	202003043	DHAUNDIYAL ANUSHA ASHOK ARCHANA	
19	202003006	PRINCE GUPTA RAGAVRAM REETA	Automatic Stair Light Control
	202003008	REJI MERIN SUJA	
	202003062	VISHWAKARMA ROHIT RAMASHRE RITA	



Prof. Suvarna Aranjio
Subject Incharge



Prof. Sulochana Devi
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Prof. Stella J
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Mini Project Exhibition Attendance

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Roll. No.	GR No.	Student Name	Topic	Signature
1	202003002	AYARE BHARGAV UMESH VRUSHALI UMESH AYARE	Biometric Detector	
	202003038	SINGH AMAR MAHESH ANITA		
	202003015	SHETTY VANSHIKA SURESH AMITA		
2	2021032004	HASHMI MOHAMMAD ARFAAT	Smoke Detector	
	2021032001	DAKHWAY ASIM		
	2021032006	PAWAR SOHAM		
	2021032007	TRIPATHI RISHIKA		
3	202003025	GUPTA MAHESH MANOJKUMAR USHA	Toash can Smart Restaurant Menu- Ordering System management System	
	202003048	MONDAL TANIA KUSHADHWAJ JHUMA		
	202003029	REGINA THANGA SELVA PERUMAL ARUL VEL		
	202003063	YADAV PRANJAL BHOLAPRASAD GEETA		
4	202003045	LAGAD SWASTIK RAJU MANISHA	Two way Digital Lock using RFID	
	202003047	MISHRA ADITYA RATAN		
	202003051	RAJPUROHIT MAGHSINGH DEVISINGH CHAMPA		
	202003024	GUPTA BHARATKUMAR		
5	202003007	MARATHE BHARGAVEE BHAGWAN ANITA	Bluetooth Enabled Home Automation	
	202003010	PATIL SARTHAK VINAY SUREKHA		
	202003052	REDIJ RUSHIKESH VIKAS RUTUJA		

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Mini Project Exhibition Attendance

Date: 28/03/2023

Day: Tuesday

Time: 11:00 - 1:00PM

6	202003011	POLE ADITYA KIRAN LATA	Smart Door Automation	<u>NA</u>
	2021032005	KHAN SAQUIB		<u>Khan Saquib</u>
	2021032002	DESAI SUMIT		<u>Sumit</u>
	202003026	GUPTA HARSHITA RAKESH HEMLATA		<u>H Gupta</u>
7	202003040	CHAVAN SARVESH PANKAJ RACHANA	Home Automation System	<u>Sarvesh</u>
	202003035	SHAIKH OSAMA GULAM SARWAR MEHBOOBA		<u>Shaikh</u>
	202003057	SUNKA BHANU KISHAN RAMA		<u>AB</u>
	202003004	DALVI HARSH BHAU BHAKTI		<u>Harsh</u>
8	202003005	GARG KRISHNA ANISH PRITA	Smart Drainage System	<u>Krishna</u>
	202003013	NAMBIRAJAN SANTHOSH - N.SUNDARAJOTHI		<u>Santhosh</u>
	202003016	TALEKAR ROHAN SACHIN KAVITA		<u>Rohan</u>
	202003039	BADIPURAM PRITHVI HARIDARSHAN SUNITA		<u>Prithvi</u>
9	202003020	BHABAL TANVI NARAYAN NAVITA	CNC Pen Plotter Machine	<u>Tanvi</u>
	202003044	KHAN FARHAN SHAKEEL SABERA		<u>Farhan</u>
	202003050	POOJARY SUDEEP SADASHIV SHASHIKALA		<u>Sudeep</u>
	202003032	PRABHU ANISHA YOGESH SANJANA		<u>Prabhu</u>
10	202003018	AGRAWAL DHRUV SANDEEP MANISHA	Alarm based system for sensing the water flow of borewell	<u>DA</u>
	202003021	DESAI SOHAM ABHAY KINNARI		<u>SO</u>
	202003027	JOSHI FALGUNI SANJAY SWATI		<u>Falguni</u>

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11	202003031	PATIL SANKET VIJAY MIRA	Water Quality Monitor	<i>Sanket</i>
	202003033	PRAJAPATI AVINASH RAJKUMAR SANGITA		<i>Avinash</i>
	202003034	SAGAVEKAR ADITYA SATYAWAN PRERANA		<i>Aditya</i>
	202003023	GAWDE SEJAL SUNIL SAYLI		<i>Sejal</i>
12	202003001	CHRISTINA ANNE M A KAVITHA	Smart Fan	<i>Anne</i>
	201903019	KADAM AVANI DHARMASHRI SANGITA		<i>Avani</i>
	202003017	NADAR WINCY MISPA MERCY RAJAN		<i>Wincy</i>
	202003042	DHANGAR SHEKHAR GANESH YASHODA		<i>Shekhar</i>
13	202003009	NADAR CASTRO SIMON TAMILMANI NADAR	Attendance Generator using RFID	<i>Castro</i>
	202003037	SHINDE ISHIKA SANJAY SHWETA		<i>Ishika</i>
	202003059	TIWARI OM RAKESH VANDANA		<i>Om</i>
	202003046	MANJALY JEEVAN VARGHESE MINI		<i>Jeevan</i>
14	202003060	VAIDYA MRUNAL RAHUL	Line Following Robot with Object Detection Budgeting Application	<i>Mrunal</i>
	202003054	SHISHODIA ARJUN SINGH		<i>Arjun</i>
	202003058	TEDDU SHAILESH		<i>Teddu</i>
	202003061	VENGURLEKAR GAURAV MURLIDHAR JAYASHREE		<i>Gaurav</i>
15	2021032003	DSOUZA LEITH	Secure Parking System	<i>Leith</i>
	202003028	MISHRA TUSHAR KAILASH		<i>Tushar</i>
	202003003	CHAURASIYA MAHENDRA		<i>Mahendra</i>
16	202003019	ANSARI MOHAMMAD WAQIUR RAHMAN MOHAMMAD	Password Door Lock	<i>Waqiur</i>
	202003030	PARDESHI VANRAJ SURESH MEENA		<i>Vanraj</i>
	201903007	CHALKE RAHUL ATMARAM		<i>Rahul</i>
	202003055	SINGH ANURAG SUNIL GEETA		<i>Anurag</i>

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Mini Project Exhibition Attendance

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17	202003012	POLE SHUBHAM KIRAN LATA	Smart Floor Cleaning Robot	<i>[Signature]</i>
	202003049	PAWAR TRUPTI CHANDRAKANT SANGITA		<i>[Signature]</i>
	202003056	SINGH ARADHANA SANTOSH RADHIKA		<i>[Signature]</i>
	202003053	SABAT KRISHNA RAJENDRA SANJUKTA		<i>[Signature]</i>
18	202003014	SHAIKH HAMZA ABDUL HAMID SHAHISTA	Line Following Robot	<i>[Signature]</i>
	202003036	SHARMA ANSHUMAN SHYAMPAL DEEPSHIKHA		<i>[Signature]</i>
	202003041	CHINTA VANSH SURESH GEETA		<i>[Signature]</i>
	202003043	DHAUNDIYAL ANUSHA ASHOK ARCHANA		<i>[Signature]</i>
19	202003006	PRINCE GUPTA RAGAVRAM REETA	Automatic Stair Light Control	<i>[Signature]</i>
	202003008	REJI MERIN SUJA		<i>[Signature]</i>
	202003062	VISHWAKARMA ROHIT RAMASHRE RITA		<i>[Signature]</i>

[Signature]
Prof. Suvarna Arango
Subject Incharge

[Signature]
Prof. Sulochana Devi
Subject Incharge

[Signature] 28/3/2023
Prof. Stella J
Subject Incharge



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Title of the event: Mini Project Exhibition - Sensor Lab

Event Date / Time: 28/03/2023 / 10:00 - 12:00 pm

Event Coordinators: Prof. Stella J, Prof. Suvrنا Aranjo and Prof. Sulochana Devi

Evaluator: Prof. Martina D'souza, Prof. Sayali Mane

No. of Participants: 19 Groups

Class/Semester: TE / SEM 06

Objectives:

The objective of a project exhibition for engineering students is to showcase their skills and knowledge and demonstrate their ability to produce a real-world solution to the current needs using their technical knowledge.

Description:

The Department of Information Technology arranged a Mini Project Exhibition on Sensor Lab for Students of TE IT and the event is coordinated by Prof. Stella J, Prof. Suvrنا Aranjo, and Prof. Sulochana Devi on 28th March 2023 at 10 Am. This event is hosted by Prof. Suvrنا Aranjo and is inaugurated by Dr. Y. D Venkatesh. The introduction speech was given by Dr. Y.D. Venkatesh, Principal. A total of 19 Groups participated and showed their projects using Sensors and Controllers.

Through the project exhibition, students can share their research findings, project outcomes, and innovative ideas with their peers, and faculty members. This allows students to receive feedback and suggestions, which can help them to improve their projects and gain valuable insights. Additionally, project exhibitions provide a platform for students to interact with the experts, allowing them to explore future opportunities.

Overall, all the groups performed very well in their projects.

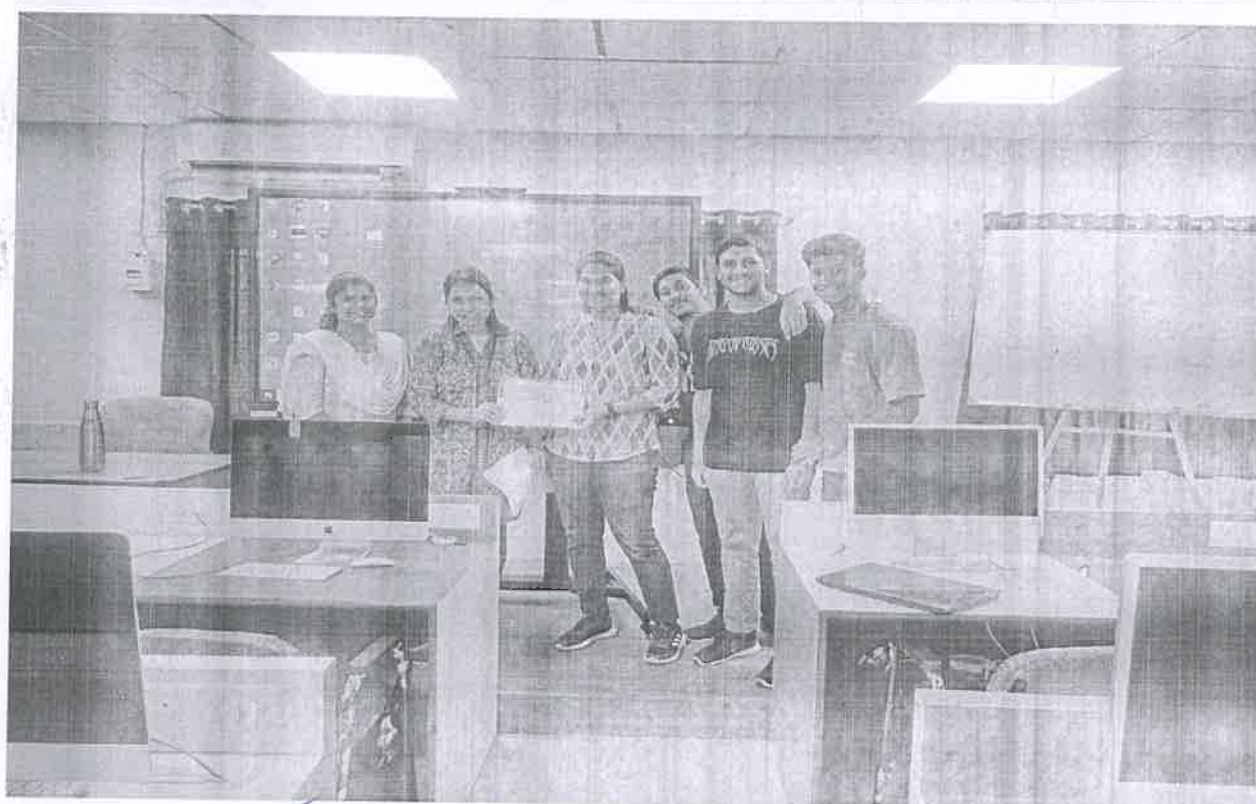
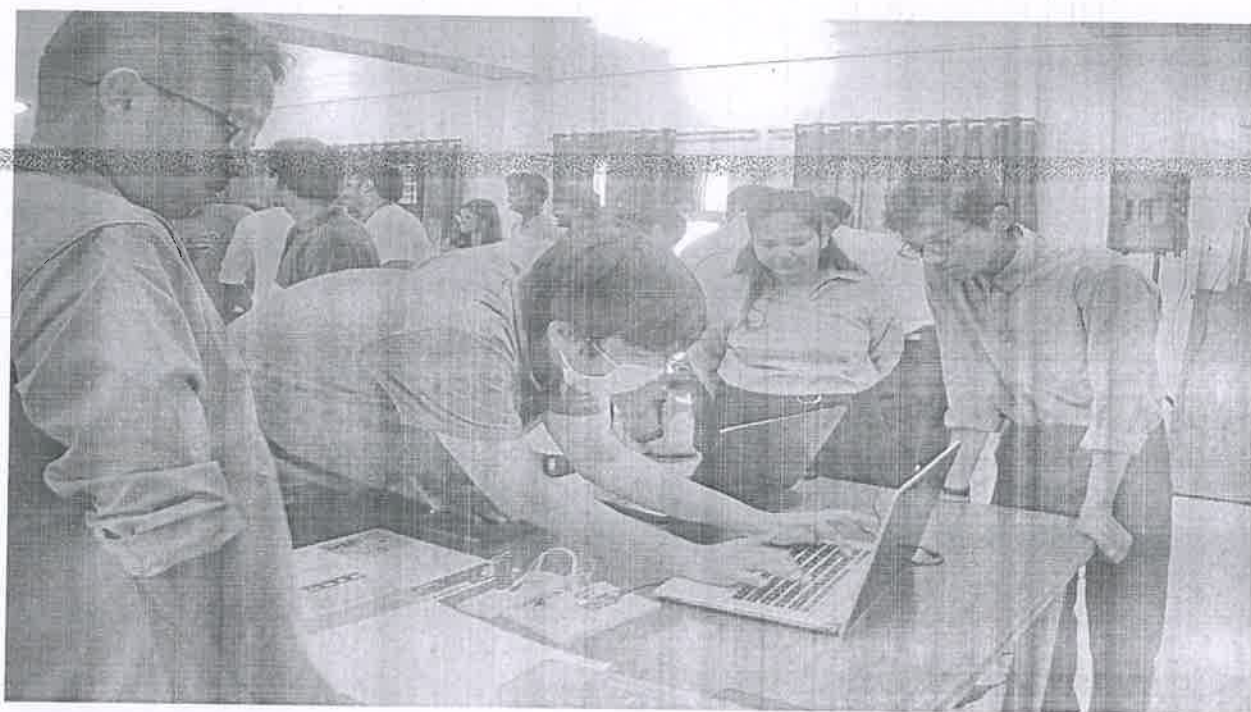
Finally, The Guest Lecture ended with a vote of thanks by Prof. Suvrنا Aranjo and prize distribution to the winners.

POs achieved: PO5, PO6, PO8, PO9, PO10, PO12

PSOs achieved: PSO1, PSO2

Event Photos:






Ms. Stella J

Event Coordinator

Dr. Jaychand U.

HOD-IT

Dr. Y.D. Venkatesh

Principal



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A. Y 2022-2023

Mini Project Exhibition - Winner List

Date: 28/03/2023

Day: Tuesday

Time: 11:00 - 1:00PM

Roll. No.	GR No.	Student Name	Topic
13	202003009	NADAR CASTRO SIMON TAMILMANI NADAR	Attendance Generator using RFID
	202003037	SHINDE ISHIKA SANJAY SHWETA	
	202003059	TIWARI OM RAKESH VANDANA	
	202003046	MANJALY JEEVAN VARGHESE MINI	
17	202003012	POLE SHUBHAM KIRAN LATA	Smart Floor Cleaning Robot
	202003049	PAWAR TRUPTI CHANDRAKANT SANGITA	
	202003056	SINGH ARADHANA SANTOSH RADHIKA	
	202003053	SABAT KRISHNA RAJENDRA SANJUKTA	
18	202003014	SHAIKH HAMZA ABDUL HAMID SHAHISTA	Line Following Robot
	202003036	SHARMA ANSHUMAN SHYAMPAL DEEPSHIKHA	
	202003041	CHINTA VANSH SURESH GEETA	
	202003043	DHAUNDIYAL ANUSHA ASHOK ARCHANA	

Prof. Suvarna Arango
Subject Incharge

Prof. Sulochana Devi
Subject Incharge

Prof. Stella J
Subject Incharge

UNIVERSITY OF CALIFORNIA

Department of Chemistry

San Diego, California

Report of the Department of Chemistry

for the year 1965-1966

Volume 1

Faculty	Research	Teaching	Administration
Dr. J. H. Goldstein	Research in the field of organic chemistry	Teaching of organic chemistry	Administration of the department
Dr. R. M. Waymouth	Research in the field of organometallic chemistry	Teaching of organometallic chemistry	Administration of the department
Dr. R. G. W. Norrish	Research in the field of physical chemistry	Teaching of physical chemistry	Administration of the department
Dr. R. H. Michel	Research in the field of physical chemistry	Teaching of physical chemistry	Administration of the department
Dr. R. H. Michel	Research in the field of physical chemistry	Teaching of physical chemistry	Administration of the department
Dr. R. H. Michel	Research in the field of physical chemistry	Teaching of physical chemistry	Administration of the department
Dr. R. H. Michel	Research in the field of physical chemistry	Teaching of physical chemistry	Administration of the department
Dr. R. H. Michel	Research in the field of physical chemistry	Teaching of physical chemistry	Administration of the department
Dr. R. H. Michel	Research in the field of physical chemistry	Teaching of physical chemistry	Administration of the department
Dr. R. H. Michel	Research in the field of physical chemistry	Teaching of physical chemistry	Administration of the department

Department of Chemistry
University of California
San Diego, California

Topic :- Smart Floor Cleaning Robot

Group No. 17

Group Members :- Trupti, Shubham, Krishna, Aradhana

28-03-2023

SENSOR LAB PROJECT EXHIBITION TE-JT		
Name	Feedback	Sign
Sumit Vishwakarma	Very nice project	Sumit
Haresh Sharma	Amazing work! Keep it up	Haresh
Sumedh	Nice talk! Excellent	Sumedh
Jayesh	Amazing Project.	Jayesh
Vedant Ghawate	Excellent project	Vedant
Meena Ugale	Excellent execution	Meena
Stella	Innovation Realtime Idea	Stella
Divyajothi	Very Interesting. Excellent Idea	Divyajothi
Kunal Singh	Good & interesting project	Kunal
Siddharth Shinde	Very useful and interesting project	Siddharth
Ganesh Samant	Loved driving the vehicle and nice idea.	Ganesh
Abhaya	Customize for housewife.	Abhaya
Madhav D.	Good project	Madhav
Lalita M.	Good Project Can	Lalita
Prathamesh	Very useful	Pratham
Shivam Sahu	very useful for hospital cleanliness, it need to more improvement.	Shivam
Saish Raw	Excellent Project	Saish
Manjivi Tare	It is very helpful	Manjivi
Anushka	It's very convenient	Anushka
Dipali	Very Excellent	Dipali
SUSMARR	Very Good Excellent	SUSMARR
Alisha	Very nice execution Good work	Alisha
Subhane	Good work	Subhane
Shivan	Excellent Idea	Shivan
Krishna	Excellent & Amazing work	Krishna
Avani	Awesome project! great for busy ppl like me	Avani
Rakshita	Nice project	Rakshita
Mangesh	Nicely presented	Mangesh
Rahul	Good idea	Rahul

SENSOR LAB PROJECT EXHIBITION TE-IT

Name	Feedback	Sign
Taychard U.	Very good	
SARAHAM	GOOD, SCOPE OF IMPROVEMENT	
Sarvesh	Very good	
Aditya	Very nice	
Stine	Impressive Idea	
Shouti	Excellent	
Riya	Nice	
Anshu	Good work	
Lekha	Amazing	
Alib	Amazing Project	
Ishay	Nice	
Anand	Very good	
Priya	Very useful / Creative / Economical	
Licce	Very Nice	
Aanya	Very useful product	
Amar	Best project of XIF till date in history	
Beatrice	Excellent	
Vedant	Innovative	
Prishiti	Helpful for daily work	
Jordan	Unique Thought	
Saman	Something out of the box	
Anne	Very nice & interesting	
Swastik	Excellent, A great product	
Bharat	Best project in XIF	
Sumit	Nice project nice used w/ IOT	
Maghsingh	A good project, one of the best	
Wincy	Interesting Project	
Sejal	Excellent project	
Ahne	Innovative	

