Course Title: Engineering Chemistry and Course Code: CHE101

Activity sessions

A small demonstrative exercise was conducted for 1st year B.Tech students.

The title of the demonstration was Compounding of plastics.

Students were given with a commercial glue which is composed of Polyvinyl acetate for which borax solution was added, half a test tube. It acts as stabilizer and binding agent as well. Boron atoms from borax solution binds different polymeric chains and makes it more viscous. A pinch of corn flour added which plays the role of plasticizer which makes harder and flexible to give any desired shape.







REGISTRAR

Engineering Chemistry (CHE101) Activity 25-01-2020

Activity 1: Corrosion of Iron

In this demonstration, the faculty is provided with 3 types of iron materials namely, cast iron, mild steel and high-speed steel. These materials show stark difference in corrosion resistance. The faculty shall show the real samples of these iron materials to the students "before and after" corrosion.



Students benefit from witnessing the real examples of the effects of corrosion widely used iron materials.



1. Cast Iron:

The impure iron directly obtained from iron ore is re-melted with coke and limestone to give cast iron.

- Cast iron is widely used for water carrying purposes besides mild steel and other metals.
- Many types of sanitary fittings like manholes, sewer pipes, water pipes, cisterns are manufactured using cast iron.
- Rail chairs and carriage wheels are manufactured.
- 4. Several types of agricultural tools are made.

Of the several salts, KCl and NaCl are major contributors for cast iron corrosion than MnSO₄ and Pb(NO₃)₂. Moreover, corrosion of cast iron by NaNO₃ and CaCl₂ is relatively higher than NaHCO₃ and CaCO₃ test solutions.

2. Mild Steel (MS):

Carbon steel is referred to as 'mild steel' or 'plain carbon steel'. The American Iron and Steel Institute defines a carbon steel as having no more than 2 % carbon and no other appreciable alloying element.

Mild steel is widely used material in pipelines for domestic and industrial water utilities and heat exchangers due to its good thermal conductivity and mechanical workability.

MS is more resistant to corrosion than cast iron. However, presence of hardness causing substances especially chloride salts increase the corrosion rate of MS.

MS is also susceptible to galvanic corrosion – Galvanic corrosion of mild steel pipe connected to copper connector.



3. High Speed Steel (HSS):

High Speed Steel is a high carbon tool steel, containing a large dose of tungsten. A typical HSS composition is: 18% tungsten, 4% Chromium, 1% Vanadium, 0.7% carbon and the rest, Iron. It is much superior in all mechanical and chemical properties compared to cast iron and MS. It has excellent corrosion resistance. High-speed steel is a subset of tool steels, commonly used as cutting tool material. It is often used in power-saw blades and drill hite.



Activity II - Demonstration of a Redox reaction

FUN WITH FOAM!!

When hydrogen peroxide is mixed with potassium permanganate, oxygen gas and water vapor are formed, according to the reaction

$$2 \text{MnO}_4^- + 3 \text{H}_2 \text{O}_2 \longrightarrow 2 \text{MnO}_2 + 2 \text{H}_2 \text{O} + 3 \text{O}_2 + 2 \text{OH}^-$$

This reaction is spontaneous, and exothermic. The rapidly released oxygen, in the presence of soap, forms a thick cloud of foam.

The faculties can perform this simple and fun filled experiment before students. Please follow the procedure below and ask the students to observe.

Reagents:

Solution A: Potassium Permanganate Spread Filter paper provided on the table and carry out this demo

Solution B: Soap

Solution C: Hydrogen Peroxide. (Caution! Hydrogen Peroxide is corrosive. Please use gloves and handle with care)

Procedure for demonstration:

Step 1: Add approx. 1-2 ml of Potassium permanganate to test tube

Step 2: Add approx. 1 ml of Soap to the same test tube

Step 3: Mix well

Step 4: Add approx 2 ml of Hydrogen Peroxide

Result:

Observe what happens!! As mentioned above, it's fun.

Note: Please dont bother about volume Just add little each of the solutions

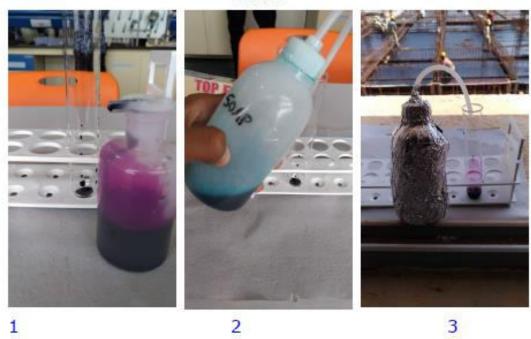
Activities I and II both revolves around same principle - the redox reactions. However, the aftereffect are contradictory. An undesirable formation of rust in case of corrosion while a thought provoking demo in case of Oxygen evolution.

End the session by asking the students for a likely application of the demonstrated phenomena.





THE KIT

































(Private University Estd. in Karnataka State by Act No.41 of 2013)

PRESIDENCY UNIVERSITY School of Engineering Department of Chemistry

Date: 26th May 2022

Ref.No.: PU/SOE/CHE /Student seminar & presentation/2021-22/1st year/CHE1004

Course Name: Smart Materials for IoT

Course Code: CHE 1004

Offered to: AY-2021-2022, II-Semester

Name of the Instructor in Charge: Dr. Saravanan C

Name of the Instructor: Dr. Saravanan C, Dr. Amita Somya and Dr. Aparna Roy

Student seminar presentation was conducted in the 3rd week of May 2022. The students were asked to select the topics related to IoT device fabrications, smart materials preparation and molecular modelling of organic materials for IoT application.

Few specific topics selected are:

- Challenges on fabrication techniques
- Material selections and challenges to design the high performance IOT materials.
- Preparation of smart materials for sensor application (gas and moisture sensor)
- Hybrid materials for internet of things (IOT) applications
- Modeling organic electronic materials for IOT using SCM (software for chemistry and materials)













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Attendance:

Sl.No	Roll No	Student Name	17-May-22	25-May-22
1	20211EEE0002	Shaik Ahammad	Р	Р
2	20211EEE0041	Nayani Poornachandan Royal	Р	Α
3	20211ECE0005	Shaik Mohammed Maaz	Р	Р
4	20211ECE0013	Nallabothula Rahul Dravid	Р	Α
5	20211ECE0017	Raneen	Р	Α
6	20211ECE0020	Saripallli Sri Sai Sukendra Varma	Р	Р
7	20211ECE0023	Koppula Vigneswara Reddy	Р	Р
8	20211ECE0026	Mohith A U	Р	А
9	20211ECE0028	Rama Jashwanthi A	Р	Р
10	20211ECE0082	Harinath B	Р	Α
11	20211ECE0173	Lokesh N	Р	А
12	20211ECE0227	Umme Saniya	Р	Р
13	20211ECE0337	Stanzin Namgial	Р	Р
14	20211CSE0002	Kollagi Reddy Mohith Kumar Reddy	Р	А
15	20211CSE0046	Allu Pravallika	Р	Р
16	20211CSE0059	Lingutla Rachana	Р	Р
17	20211CSE0090	Metla Srinivas	Р	Р
18	20211CSE0091	Bobbepalli Lakshman Pavan Kumar	Р	Р
19	20211CSE0115	Bogireddy Sharath Chandra Reddy	Р	Р
20	20211CSE0116	Bandi Shashidhar Reddy	Р	Р
21	20211CSE0126	METTA SIVA NANDA REDDY	Α	Р
22	20211CSE0152	G Lahari	Р	Р
23	20211CSE0173	Shaik Faiz	Р	Α
24	20211CSE0232	Sneha A	Р	Р
25	20211CSE0277	Gutta Bindu Sree	Р	Р
26	20211CSE0282	Ken John James	Α	Р
27	20211CSE0301	Raunak	Р	Р
28	20211CSE0425	Pragnyan Prasad Satapathy	Р	Р
29	20211CSE0429	Rishabh Singh	Р	Р
30	20211CSE0430	Venkat B M	Р	Р
31	20211CSE0431	Subhasish Mondal	Р	Р
32	20211CSE0440	Karthik Gowda N	Р	Р
33	20211CSE0443	Manaswi B Patil	Р	Р





34	20211CSE0476	Vikash Kumar	Р	Р
35	20211CSE0517	Ramakrishna	Р	Α
36	20211CSE0520	Nitya	А	Р
37	20211CSE0524	Priyanshu Priyadarshi	Р	Р
38	20211CSE0530	Kumar Swarnim	Р	Р
39	20211CSE0562	Shantkumar	Р	Р
40	20211CSE0563	Fareedahmed Hullur	Р	Α
41	20211CSE0577	Manoj J	Р	Α
42	20211CSE0606	Vivek	Р	Р
43	20211CSE0610	Mohammed Azeem A	Р	Р
44	20211CSE0703	Tirumalasetti Ganesh Varma	А	Р
45	20211CSE0704	Addanki Venkatesh Varma	А	Р
46	20211CSE0730	Pankaj Silot	Р	Р
47	20211CSE0733	Yarragudi Sai Pragna	Α	Р
48	20211CSE0735	Kanimireddy Sreya	Р	Р
49	20211CSE0754	Chandra Shekhar Reddy Udumala	А	Р
50	20211CSE0762	Bandi Raghavendra	Р	Р
51	20211CSE0763	N Uma	Р	Р
52	20211CSE0765	Sanneboina Anjaneyulu	Р	Α
53	20211CSE0787	Rushiraj Ranparia	Р	Р
54	20211CSE0838	Dosti Lakshmi Niranjan Reddy	А	Р
55	20211CSE0839	Nookala Pavan Kumar	Р	Р
56	20211CSE0870	S Shahaneer	Р	Р
57	20211COM0050	Nithin S	Р	Р
58	20211COM0053	Sanjay Varma S	Р	Р
		PENUKULAPATI DURGA MARUTHI		
59	20211ISR0027	VARA PRASAD	Α	Р
60	20211CAI0037	Mutala Guru Kishan	Р	Р
61	20211CAI0059	Mohamed Azeem Fardeen Pasha	Р	Р
62	20211CAI0074	Dinesh Kumar K	Р	Р
63	20211CAI0106	Ismail Ahmed Khan	А	Р
64	20211CAI0108	Vaibhav V	Р	Р
65	20211CAI0130	Aftab Hussain	Р	Р
66	20211CAI0171	Bachhu Satya Charan	Р	Р
67	20211CAI0184	Charith Devaiah M J	Р	Р
68	20211CBC0005	Mulla Irfan	Р	Р





69	20211CBC0009	Shaik Akbar Basha	Р	Р
70	20211CBC0010	Shaik Arshad Ahamed	Р	Р
71	20211CBC0015	Jayachandran D S	Р	Р
72	20211CBC0046	Dyamalli K	Р	Р
73	20211CBC0047	Muddyreddy Obulsubba Reddy	Р	Α
74	20211CBC0053	Saami	Р	Р
75	20211CCS0042	Kalidindi Charan Varma	Р	Р
76	20211CCS0057	Ashish S	Р	Р
77	20211CCS0060	Mubarak	Р	Α
78	20211CCS0062	A Yuvaraja	Р	Р
79	20211CCS0068	Siddharth Bej	Р	Р
80	20211CCS0142	Mohammed Faizan Ur Raheman	Р	Р
81	20211CCS0153	Hiranmayi R	Р	Р
82	20211CCS0168	Pavan N	Α	Р
83	20211CIT0001	Gopichandu Nooli	Р	Р
84	20211CIT0010	Jampula Vishnuvardhan	Р	Р
85	20211CIT0026	Patil Bhanu Kiran Reddy	Р	Р
86	20211CIT0027	Gali Uday Kiran Reddy	Р	Р
87	20211CIT0028	Pasupuleti Mukesh	Р	Р
88	20211CIT0036	Uluva Anji	Р	Р
89	20211CIT0038	Likith G	Α	Р
90	20211CIT0040	Mallela Umeshchandra	Р	Р
91	20211CIT0041	Veeramreddy Nithin	Р	Р
92	20211CIT0045	Richa A Devarbhavi	Р	Р
93	20211CIT0049	Lakki Reddy Varshitha	Р	Р
94	20211CIT0050	Pothula Obi Reddy	Р	Α
95	20211CIT0051	Rehan Ashraf	Р	Р
96	20211CIT0052	Eranti Sai Kishan	Р	Р
97	20211CIT0053	Eranti Sai Dinesh	Р	Р
98	20211CIT0056	Kalimisetty Sujith	Α	Р
99	20211CIT0057	Nitturu Nikhil Sai	Р	Р
100	20211CIT0067	Pavani M	Р	Р
101	20211CIT0073	R K Raga Manasa	Р	Р
102	20211CIT0078	Pratyaksh Yadav	Р	Р
103	20211CIT0086	Avula Prudhvi Reddy	Р	Р
104	20211CIT0089	Pathan Baba Fakruddin	Р	Р





105	20211CIT0104	R Manisha	Р	Р
106	20211CIT0119	Godina Sri Manjunath	Р	Р
107	20211CIT0130	Aka Naveen	Р	Α
108	20211CIT0131	Fatimathul Shahana	Р	Р
109	20211CIT0138	Harsha Vardhan P	Р	Р
110	20211CIT0151	Madatala Teja Shree	Р	Р
111	20211CIT0152	Mohammed Faizan Annigeri	Р	Р
112	20211CIT0153	Vinutha V	Р	Р
113	20211CIT0156	Bhuvaneshwar Y	Р	Р
114	20211CIT0158	M Rohan	Р	Р
115	20211CIT0161	Sanjay S	Р	Р
116	20211CIT0162	Nallabothula Rakshitha	Р	Α
117	20211CIT0164	Challa Shalini	Р	Р
118	20211CIT0166	Pathakamuri Durga Prasheena	Р	Р
119	20211CIT0167	Shaik Sadhik	Р	Р
120	20211CIT0169	Verry Jahnavi Reddy	Α	Α
121	20211CIT0170	Chavva Rajeswari	Р	Р
122	20211CIT0178	Boya Maanas Sai	Р	Р
123	20211CBD0001	Somisetty Siva Shravana Srinivas	Р	Р
124	20211CBD0003	Busi Narendra Reddy	Р	Р
125	20211CBD0011	Senthil Kumar Yeshwanth Sai	Р	Р
126	20211CBD0014	Anupama Haridas	Р	Р
127	20211CBD0018	Vadde Vinod	Р	Р
128	20211CBD0025	Vidagutla Dheeraj	Р	Р
129	20211CBD0027	Adithya H Hegde	Р	Р
130	20211CBD0050	Sirisha S	Р	Р
131	20211CBD0059	Atla Peddayagari Maheswar Reddy	Р	Р
132	20211CDV0009	Abdul Manan	Р	Р
133	20211CEI0008	Balakrishnan A	Р	Р
134	20211CEI0010	Basava Rajeshwari M Hakkandi	Р	Р
135	20211CEI0012	Ambavarapu Manvith Reddy	Р	Р
136	20211CEI0014	Jai Guru P	Р	Р
137	20211CEI0018	Sai Lavanya Patnaik	Р	Р
138	20211CEI0024	Indukuri Manvitha Reddy	Α	Р
139	20211CEI0044	Sthuthi R Mohan	Р	Р
140	20211CEI0046	Udayagiri Amzad Hussain	Р	Р





141	20211CEI0047	Kaluva Srujan Kumar	Р	Р
142	20211CEI0048	Ammar Hanif Khatri	Р	Р
143	20211CEI0061	P Dhanush Kumar	Р	Р
144	20211CEI0065	S Harika	Р	Р
145	20211CEI0089	Navneeth S	Р	Р
146	20211CEI0098	Riya	Р	Α
147	20211CEI0102	Abhishek Sairam A	Р	Р
148	20211CEI0106	Munnangi Suma Reddy	Р	Р
149	20211CEI0118	Pokala Siva Mani Reddy	Р	Р
150	20211CEI0119	Valipireddy Venkata Sainath Reddy	Р	Р
151	20211CEI0120	Pullalacheruvu Mahitha	Р	Р
152	20211CEI0132	Darur Tharun	Р	Р
153	20211CEI0147	Giftson Sam Paul B	Р	Р
154	20211CEI9001	Upparapalli Bhavesh Sai	Р	Р
155	20211CSD0005	Prarthana S P	Р	Р
156	20211CSD0023	Rohith R	Р	Р
157	20211CSD0040	Tanishka A	Р	Р
158	20211CSD0054	Harsha G H	Р	Р
159	20211CSD0113	Mohammed Tanseer Hussain	Р	Р
160	20211CSD0145	Kancharla Rishikanth Reddy	Р	Р
161	20211CSD0147	Shashank J K	Р	Р
162	20211CSD0150	A Sanchit	Р	Р
163	20211CSD0190	Aneesh Gagan Raj	Р	Р
164	20211CSD0201	Vijayalakshmi Balaraj	Р	Р
165	20211CSG0014	Harshitha M	Р	Р
166	20211CSG0042	Haani Noorain Shafi	Р	Р
167	20211CSG0067	Monica V	Р	Р
168	20211CST0004	Desu Venkata Naga Sai Sanjay	Р	Р
169	20211CST0008	Parthib Basak	Р	Р
170	20211CST0037	Chilamakuri Syam Sundar Reddy	А	Р
171	20211CST0043	Vennapoosa Sri Manjunath Reddy	Р	Р
172	20211CST0050	Rakshitha. M	Р	Р
173	20211CST0051	Talupula Lisha	Р	А
174	20211CST0052	Guduru Indu Priya	Р	Р
175	20211CST0106	K R Vishnu Kumar	Р	Р
176	20211CST0117	Chandana R	Р	Р





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		No of Students Absent	17	20
		No of Students Present	167	164
184	20211ISR0049	Hemanth Govinda Raj	Р	Р
183	20211ISR0038	Disha R	Р	Р
182	20211ISE0033	Harish G Bagasar	Α	Р
181	20211ISE0026	Nasir H Bagali	Р	Р
180	20211ISE0025	Vikas Angadi	Р	Р
179	20211CST0135	Vignesh R	Р	Р
178	20211CST0119	Tejo Sai Yaswanth Kemisette	Р	Р
177	20211CST0118	Shreyas Rn	Р	Р

Remarks: The students have actively participated in the seminar and presented topics related to fabrication process and preparation of smart materials for sensor application. The session was very interactive and beneficial to students.

(Dr. Saravanan C)

Signature of Instructor In-Charge

(Dr. Shashikala A R) HOD





SCHOOL of ENGINEERING DEPARTMENT OF CHEMISTRY

Ref.No.:PU/SOE/CHE /Student seminar & presentation/2021-22/1st year/CHE1006

Course Title: Introduction to Nanotechnology

Course Code: CHE1006

Name of the Instructor in Charge: Dr. Dileep R

Name of the Instructor: Dr. Dileep R, Dr. Ranganatha S, Dr. Amita Somya, Dr. Sunil Kumar K R

Student seminar presentation was conducted in the 4th week of May 2022. The students were asked to select the topics related to plating methods, specifications and measurement techniques.

Few specific topics selected are:

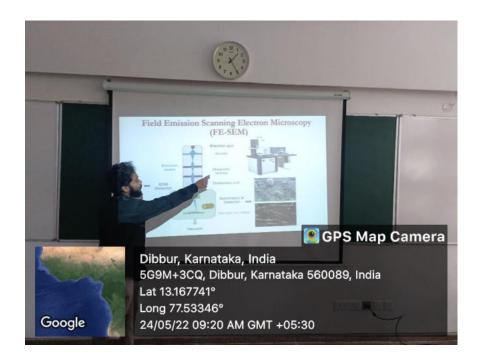
- 1. Characterization of nanomaterials
- 2. Nanomaterials and their advantages
- 3. Field emission scanning electron microscopy (FESEM) Principle and working
- 4. Scanning tunneling microscope Principle and working
- 5. Nanomaterials for data storage
- 6. Nanomedicine and nanobiotechnology

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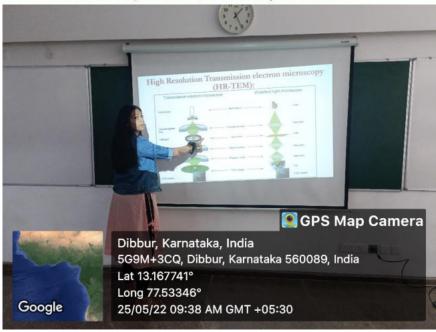
Campus: Presidency University, Itgalpur, Rajankunte, Bengaluru - 560064 Phone: + 80 4925 5533 / 5599 Email ID:

anne

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Attendance:

Sl.	ID	Name	24 May 2022	25 May 2022
No.				
1	20211ECE0106	Sunil Kumar S	P	P
2	20211ECE0135	Abilash S	P	P
3	20211ECE0148	Dinesh P	P	P
4	20211ECE0157	Vamshi Kiran Gongle	P	P
5	20211ECE0178	Sudip J T	P	P
6	20211ECE0210	Darshan G R	P	P
7	20211ECE0230	Vignesh S	A	P
8	20211ECE0244	Chandini R	P	P
9	20211ECE0255	Akshith G M	P	A
10	20211ECE0258	Surya K	P	A
11	20211ECE0259	Praveen C	P	P
12	20211ECE0261	Akashkumar Yalawantgi	P	P
13	20211ECE0262	Palugula Likhith Kumar	A	P
14	20211ECE0264	Manoj T S	P	P
15	20211ECE0265	Nishanth T G	P	P
16	20211ECE0269	Sai Kumar Patil	P	P
17	20211ECE0273	Harshith Gowda H A	P	A

City Office: University House, 8/1, King Street, Richmond Town, Bengaluru - 560025

Campus: Presidency University, Itgalpur, Rajankunte, Bengaluru - 560064 Phone: + 80 4925 5533 / 5599 Email ID:

REGISTRAR Registrar



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10	00011ECE0070	Private University Estd. in Karnataka State by Act No. 41 o		P.
18	20211ECE0278	Nagesh	Р	Р
19	20211ECE0282	Ganesh Nandi	Р	P
20	20211ECE0283	Srijeet Marpalli	P	P
21	20211ECE0284	Manu Kiran S	P	P
22	20211ECE0293	Kiran N	P	P
23	20211ECE0294	Dhanush Babu K S	P	A
24	20211ECE0299	Akash B	P	P
25	20211CAI0001	Prithu Banik	P	P
26	20211CAI0029	Muhammad Hasnain Akram Khan	P	P
27	20211CAI0033	Abi Roshan	P	P
28	20211CAI0038	Sharon Johny	P	P
29	20211CAI0050	Duggempudi Rahul Kumar Reddy	A	P
30	20211CAI0053	Guruguntla Sunil Kumar Reddy	P	P
31	20211CAI0055	Vidhul V	P	A
32	20211CAI0056	Pranay Srinivas	P	P
33	20211CAI0060	Jampana Venkata Arjun Varma	P	P
34	20211CAI0061	Madhumita R Aradhya	A	P
35	20211CAI0082	Darshan S R	P	P
36	20211CAI0093	Nikith Murali	P	P
37	20211CAI0131	Preethi N	P	P
38	20211CAI0136	Anurag Kumar	A	P
39	20211CAI0160	Sangati Siva Anjaneyulu	A	P
40	20211CAI0161	Shilpa Nagaraj	P	P
41	20211CAI0162	Challa Yogesh	P	P
42	20211CAI0164	Ganugapenta Muralidhar Reddy	A	P
43	20211CAI0174	Sane Venkata Charan	A	P
44	20211CAI0177	Sohan S	P	P
45	20211CAI0183	A M Chethan Kumar	P	P
46	20211CAI0185	S Y Soorajabinav	P	A
47	20211CAI0196	Eyyuri Lokesh	P	P
48	20211CAI0198	Talla Sunil Kumar	P	P
49	20211CBC0003	Tessa Mariam T	P	A
50	20211CBC0007	Rayankula Nani Naidu	P	P
51	20211CBC0008	Vaykuntam Pramod Kumar	P	A
52	20211CBC0011	Kusam Hari Teja Reddy	P	P
53	20211CBC0013	Annareddy Venkata Sivananda Reddy	A	A
54	20211CBC0017	Nagesh S	P	P
	0:4 0:5:-	University Herres 0/4 King Otyant I		1

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55	20211CBC0020	Koka Lokesh	P	P
56	20211CBC0022	Somala Nithya Sai	P	P
57	20211CBC0023	Kothacheruvu Viswa Teja	P	P
58	20211CBC0027	Sanda Naveen Reddy	A	P
59	20211CBC0033	Aishwarya R	P	A
60	20211CBC0034	Podaralla Akshay Kumar	P	P

Sl. No.	ID	Name	24 May 2022	25 May 2022
1	20211CBC0039	Y Harshitha Reddy	P	P
2	20211CBC0051	Yash Kumar Singh	A	P
3	20211CBC0055	Lochan S	A	P
4	20211CBC0061	Rupalagudi Likhitha	P	P
5	20211CBD0002	Shreya Paul	P	P
6	20211CBD0006	Mopuri Sai Sujith Reddy	A	P
7	20211CBD0021	Vijayeendra N	A	P
8	20211CBD0022	Mohammed Taif	P	P
9	20211CBD0044	Udaya Tk	P	P
10	20211CBD0047	Gowtham	P	A
11	20211CCS0003	Devatheertha E	P	P
12	20211CCS0006	S Varun Kumar	A	P
13	20211CCS0008	Deepak R	P	P
14	20211CCS0010	Hazil Ahammed C	P	P
15	20211CCS0011	Arun Prakash J	P	P
16	20211CCS0012	Sreerag A	A	P
17	20211CCS0019	Shuvajit Biswas	P	P
18	20211CCS0027	Bokka Sudheer	P	P
19	20211CCS0038	Adeeb Awez Ahmed	P	P
20	20211CCS0047	Adithya R	P	P
21	20211CCS0056	Venkat Deepak J	P	P
22	20211CCS0073	Ashirwad Bhadola	P	P
23	20211CCS0087	Harshith Reddy Mannem	P	P
24	20211CCS0090	Bandi Mokshagna Reddy	P	P
25	20211CCS0102	Chandan Kumar M S	P	P
26	20211CCS0103	Gautham C N	P	P
27	20211CCS0119	Shreyas Y.S	P	P
28	20211CCS0127	Mohamed Huzaif	P	A

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29	20211CCS0128	Sahariah Aiit Vyman	P	P
		Sabarish Ajit Kumar		
30	20211CCS0170	Syed Shallal Shakeer	P	P
31	20211CCS0181	Parvatha Reshma Reddy	P	P
32	20211CCS0184	Prakruthi S	P	P
33	20211CCS0188	Shashank M	P	P
34	20211CCS0190	V Vishwa Kiran Reddy	P	A
35	20211CCS0191	Shaik Mohammed Nayeem	P	P
36	20211CCS0192	Arathi Shree V	P	P
37	20211CDV0010	Ontri Deekshitha	A	P
38	20211CDV0019	Abhijeet Ranjan	A	P
39	20211CDV0024	Abdul Kalam	P	A
40	20211CDV0025	Pavan Singh	P	P
41	20211CDV0026	Naveen Kumar M	P	P
42	20211CDV0027	Om Vinayak Tripathy	A	P
43	20211CDV0035	Kiran G K	P	P
44	20211CDV0045	Vinay Patil	P	P
45	20211CDV0050	Syed Ubada	P	P
46	20211CDV0051	Atmakuri Vamshi	P	P
47	20211CDV0062	Chethas R	P	P
48	20211CDV0063	Bathini Vasanthe	P	P
49	20211CDV0068	Ruthwick Ss	P	P
50	20211CEI0055	Prakash Singh	P	P
51	20211CEI0066	Bhavani Tribhuvan	P	P
52	20211CIT0008	Dumpa Srivardhan Reddy	P	P
53	20211CIT0021	Devaguptapu Rahul Raj	P	A
54	20211CIT0022	Chaparala Jaya Prakash	P	P
55	20211CIT0034	Thanu Shree M	P	A
56	20211CIT0042	Venkat Navya S	P	P
57	20211CIT0046	Abdul Aman Khan	A	P
58	20211CIT0059	Likith K	P	P
59	20211CIT0088	Mihir Suman P	A	P
60	20211CIT0097	Babu Vinay N	P	P

Sl.	ID	Name	24 May 2022	25 May 2022
No.				

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Private University Estd. in Karnataka State by Act No. 41 of 2013

1	20211CITTO000	Private University Estd. in Karnataka State by Act No. 41 c	T	
1	20211CIT0098	Vinay Gowda R	P	P
2	20211CIT0118	Darsi Sai Shashank	P	P
3	20211CIT0122	Shreesha R	P	P
4	20211CIT0137	Devika N	A	P
5	20211CIT0143	Aryan Rajesh	A	P
6	20211CIT0146	Mithun S	P	A
7	20211CIT0179	Jala Srikanth	P	P
8	20211CIT0180	Narati Teja	P	P
9	20211CIT0181	Shiva S	P	P
10	20211CIT0182	Gannapureddy Yeshwanth Reddy	A	P
11	20211CIT0183	Afnankhan B	P	A
12	20211CSD0010	Leena Zawahir	P	P
13	20211CSD0022	Yashas R	P	P
14	20211CSD0024	Kavyashree M	P	P
15	20211CSD0030	Madhusudhan P	A	P
16	20211CSD0035	Sanchita Goswami	P	P
17	20211CSD0042	Ullas Gowda M	P	P
18	20211CSD0047	Nishith Adithya	P	P
19	20211CSD0052	Swarna Lohit	P	P
20	20211CSD0079	Nihal Gagan Kunte	P	P
21	20211CSD0080	Ramanujam D K	A	P
22	20211CSD0084	Gokul B L	P	P
23	20211CSD0104	Mahesh Gowda S	P	P
24	20211CSD0106	Hanfaa Khanum	A	P
25	20211CSD0120	Gangadhar V Gudimath	A	P
26	20211CSD0124	Jeevitha M	P	P
27	20211CSD0204	Bindushree S	P	P
28	20211CSG0036	Chandan R	P	P
29	20211CSG0038	Sunitha Gahana	P	A
30	20211CSG0041	Arfath Ahmed	A	P
31	20211CSG0054	Yogesh Chavan	P	P
32	20211CSG0059	Darshan S Gejji	P	A
33	20211CST0002	Janga Durga Venkata Sathya Sai Mallika	P	P
34	20211CST0017	Ronuru Mukesh	P	P
35	20211CST0020	Eete Abhishek	A	P
36	20211CST0024	Mohammed Rahim	P	P
37	20211CST0026	Syamala Mohan Kumar Reddy	P	A
	0.1 0.1.	o: University House 9/1 King Street	D'	

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Private University Estd. in Karnataka State by Act No. 41 of 2013

		The state of the s	2010	
38	20211CST0036	Deepika B R	P	P
39	20211CST0046	Ashiqur Rahaman	P	P
40	20211CST0062	Yeshas H Rao	P	P
41	20211CST0077	Veeresh	P	P
42	20211CST0124	Akshatha. K S	P	P
43	20211ISD0002	Sanjay N	P	P
44	20211ISD0008	Tummalapalli Abhinav Kishan	P	P
45	20211ISD0015	Gajjala Akhila	P	P
46	20211ISD0018	Maddipatla Adharsh	P	P
47	20211ISD0020	Pinisetty Sushmanth	P	P
48	20211ISD0022	Aluru Pavan Kumar Reddy	P	P
49	20211ISD0026	Tanneru Rahul Chowdary	A	P
50	20211ISD0040	Richard Sylvester Ramesh	P	P
51	20211ISE0004	Harsha V	A	P
52	20211ISE0009	Ayush Aryan	P	P
53	20211ISE0018	Hemalatha K	P	P
54	20211ISE0019	Pruthvi Bhat	A	P
55	20211ISR0014	Darshan S Reddy	P	A
56	20211ISR0017	P L Thiyagarajan	P	P
57	20211ISR0044	M D Sailesh	P	P
58	20211ISR0054	Bhavana A	P	P
59	20211IST0006	K Rahul	P	P
60	20211IST0010	Tejashwini K T	P	P

Sl.	ID	Name	24 May 2022	25 May 2022
No.				
1	20211COM0007	NIKHIL N	P	P
2	20211COM0008	RASHMITHA K B	P	P
3	20211COM0010	MEGHANA N	P	Р
4	20211COM0015	VINAY KUMAR G R	P	P
5	20211COM0023	SATHVIK SRIVATHSAN	A	P
6	20211COM0032	TAANISHQKA P	P	Р
7	20211COM0033	JANANI G	P	P
8	20211COM0037	SAMUEL R	P	Р
9	20211COM0038	PRAVEEN KUMAR G S	A	P
10	20211COM0039	SHARAN D	P	P
11	20211COM0042	YERRAMILLI SAI PRATEEK	P	P

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12	20211COM0052	MISBAH ANUM	P	P		
13	20211COM0056	VAISHNAVI A H	P	P		
14	20211COM0065	ADVI S R	A	P		
15	20211COM0066	K.M.MADHUSHREE	P	P		
16	20211COM0074	VAISHNAVI A L	A	Р		
17	20211COM0085	SAKSHI S	P	P		
18	20211COM0088	CHANCHAL K	P	P		
19	20211COM0097	P AYEESHA ANJUM	P	P		
20	20211CSE0019	POLDAS RAHUL	A	P		
21	20211CSE0041	AADITYA S KULKARNI	A	P		
22	20211CSE0043	ANTHAPU CHARAN KUMAR REDDY	P	P		
23	20211CSE0050	SWASTIK RATNA GURUNG	P	P		
24	20211CSE0061	CHENNAM REDDY VINAY KUMAR REDDY	A	Р		
25	20211CSE0063	VENNAPUSA DAMODHAR REDDY	P	P		
26	20211CSE0076	HARIHANTH M	P	P		
27	20211CSE0082	ANANDHU PRADEEP	P	P		
28	20211CSE0089	MALYAVANTHAM GOWTHAM SAI	P	P		
29	20211CSE0093	THOTA YASWANTH RAM	P	P		
30	20211CSE0097	KUMMARA CHARAN SAI	P	P		
31	20211CSE0104	YALAMANDALA GOWTHAM NAIDU	A	P		
32	20211CSE0110	CHINTHAKUNTA GANESH KUMAR REDDY	A	Р		
33	20211CSE0120	TADIPATHRI LIKHITH GANESH	P	P		
34	20211CSE0135	DASARI SOYASREE	A	P		
35	20211CSE0192	MANDLA NAVEEN KUMAR	A	P		
36	20211CSE0215	RAHUL MUTHANNA	P	P		
37	20211CSE0224	NEHA R	P	P		
38	20211CSE0227	ALLEN CONROY D'SOUZA	A	P		
39	20211CSE0229	SHREYA RAVI KUMAR	P	P		
40	20211CSE0242	ZOYA ALAM	A	P		
41	20211CSE0321	BOINI RAHUL YADAV	P	P		
42	20211CSE0351	AKASH M	P	P		
43	20211CSE0470	GAVIREDDY YOGESWAR REDDY	P	P		
44	20211CSE0479	MALLEBOINA LOKESH YADAV	P	P		
45	20211CSE0526	DEEKSHITHA M	P	P		
46	20211CSE0540	YOGESHWAR L	P	P		
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47	20211CSE0586	HARSH KUMAR BANSAL	P	P
48	20211CSE0587	SAGAR K H	P	P
49	20211CSE0591	MOHAN R SHETTY	P	P
50	20211CSE0595	THANOJ Y	A	P
51	20211CSE0603	PRAJWAL J	P	P
52	20211CSE0605	ANKIT KUMAR	P	P
53	20211CSE0612	MOHAMMED MAAZ REHMAN	A	A
54	20211CSE0616	HARSHITH D NAIK	A	P
55	20211CSE0621	PRAVEENKUMAR	P	P
56	20211CSE0625	CHETAN N	P	P
57	20211CSE0633	SAAHIL R MENON	P	P
58	20211CSE0649	MAHESHGOUDA PATIL	P	P
59	20211CSE0706	DEVIREDDY BALAJI REDDY	P	P
60	20211CSE0794	ARJUN R NAIK	P	P
61	20211CSE0806	ARYAN BISWAL	P	P

Remarks:

Students have actively participated in the seminar and presented topics related to plating methods, specifications and measurement techniques. The session was very interactive and beneficial to students.

Signature of Instructor In-Charge

HOD

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(Private University Estd. in Karnataka State by Act No.41 of 2013)

PRESIDENCY UNIVERSITY School of Engineering Department of Chemistry

Date: 06th Dec 2021

Ref.No.: PU/SOE/CHE /Student activity/2021-22/1st year/CHE1009

Course Name: 3D printing and polymers

Course Code: CHE 1009

Offered to: AY-2021-2022, I-Semester

School: School of Design

Name of the Instructor in Charge: Dr. Saravanan C

Name of the Instructor: Dr. Saravanan C

Student activity on experiential learning was conducted on 03rd Dec 2021 for the School of Design students as a part of their 3D printing and polymers course activity. The students were taken to the Presidency University 3D printing lab to learn about how to print the objects using 3D printing instrument. B.Tech who were working on the government of India project on additive manufacturing techniques explained the following points,

- What is additive manufacture technique?
- How to do programme on 3D printing?
- Types of 3D printing techniques
- Selection of materials
- How to set the machine?
- What are the different parameters we have to take into account to get error free products and to minimize the material loss during the 3D printing process?

During their experiential learning video was recorded to show to the next batch students.













(Private University Estd. in Karnataka State by Act No.41 of 2013)



Attendance:

Sl. No.	ID No.	Name	3-Dec-21
1	20191BDS0019	RHEA SANJAY RAJPAL	Р
2	20191BDS0029	TAHA SULTANA	Р
3	20191BDS0011	KAVYA SRIKUMAR	Р
4	20191BDS0009	HARSHA BEEGUM A K	Α
5	20191BDS0008	C SIDDHARTH	Р
6	20191BDS0001	ABHIJITH RAJ S	Р
7	20191BDS0026	SHARADI T BADRI	Р
8	20191BDS0030	TARA VERMA	Р
9	20191BDS0015	NACHINOLKAR KARAN DILIP	Р
10	20191BDS0010	IRFAN HASAN	Р
11	20191BDS0027	SHIVENDRA SINGH	Р
12	20191BDS0031	ZOHRA JAVED	Р
13	20191BDS0028	SRUTHIN JAMES	Р
14	20191BDS0033	SADIQA SAHIBA	Р
		No of Students attended	13
		No of Students absent	1





(Private University Estd. in Karnataka State by Act No.41 of 2013)

Remarks: Many students have actively participated in their experiential learning activity and they learned about basics on practical application of 3D printing techniques. The session was very interactive and beneficial to all the attendees.

(Dr. Saravanan C)

Signature of Instructor In-Charge

(Dr. Shashikala A R) HOD





(Private University Estd. in Karnataka State by Act No.41 of 2013)

PRESIDENCY UNIVERSITY School of Engineering Department of Chemistry

Date: 15th May 2022

Ref.No.: PU/SOE/CHE /Student seminar & presentation/2022-23/II Sem/CHE1010

Course Name: Bioinformatics **Course Code:** CHE 1010

Year/SEM/School: AY-2021-2022/II Semester/SOE Name of the Instructor in Charge: Dr. Aparna Roy

Name of the Instructor: Dr. Aparna Roy

Student seminar presentation was conducted in the 2nd week of May 2022. The students were asked to select the topics related to bioactive conformations, molecular docking, Ligand - Receptor Interactions.

Few specific topics selected are:

- Types of molecular docking
- Computer aided drug designing
- · Lock and key concept for drug designing





(Private University Estd. in Karnataka State by Act No.41 of 2013)



Attendance:

Sl. No.	ID No.			20-May-
		Name	19-May-22	22
1	20211CAI0080	R KESHAV	А	Р
2	20211CAI0109	S SRINIVAS	Α	Р
3	20211CAI0112	SHOVIN WILSON A W	Р	Α
4	20211CAI0145	TEJASWINI K A	Р	Α
5	20211CCS0043	AJAY	Р	Α
6	20211CCS0066	GREESHMA REDDY N	Α	Р
7	20211CCS0096	PRINCE GUPTA	Α	Р
8	20211CCS0097	S AJAY KUMAR	Р	Α
9	20211CCS0098	DARSHAN S	Р	Р
10	20211CDV0053	HARISH BHASKARAN	Р	Α





11	20211CDV0064	VAIBHAV THAMMAIAH	Α	Р
12	20211CEI0050	GANGADHARAM VISHNU	Р	Р
13	20211CEI0078	SHARFAA NIMAT	Р	Α
14	20211CEI0105	PATIL MADHU	А	Р
15	20211CIT0112	KAVERI C	Р	Р
16	20211CIT0144	SUSHMITHA N C	Р	А
17	20211CSD0014	SWATHI M	Α	Р
18	20211CSD0149	S SHREYAS	Р	Α
19	20211CSD0167	A ROHITH KUMAR	Р	Р
20	20211CSD0174	SUMAN V	А	Р
21	20211CSE0012	GANDLA SIVA SAI KRISHNA	Р	Р
22	20211CSE0013	POTTHURU SRUTHI	Р	Α
23	20211CSE0075	MADIHA AZIZ	Р	Α
24	20211CSE0101	PRODDUTUR SHAIK AFREEN	Р	Р
25	20211CSE0260	N AKRITI MAYURI	Р	Р
26	20211CSE0273	VYSHNAVI G N	Р	Α
27	20211CSE0428	VIJAYAKUMAR BASAVARAJ KOLUR	Р	Р
28	20211CSE0434	NAVEEN KUMAR G S	A	Р
29	20211CSE0439	LIKHITH K P	А	Р
30	20211CSE0447	HARSHALA GOWDA N	Р	Р
31	20211CSE0451	M GRISHMA	Р	Α
32	20211CSE0478	BANDARU PRANAVI	Р	А
33	20211CSE0551	ALINA SHIBU	Р	Α
34	20211CSE0599	SUCHITHRA K	Р	А
35	20211CSE0602	CHETHAN S	Α	Р
36	20211CSE0608	SANJANA S	Α	Р
37	20211CSE0609	LAXMI BIRADAR	Р	Α
38	20211CSE0614	J MANGALA GOURI	Р	Α
39	20211CSE0618	DEEPTHI R	Р	Α
40	20211CSE0620	SUBBIREDDY K	Р	Р
41	20211CSE0624	CHETHAN JADHAV M	Α	Р
42	20211CSE0629	RAHUL GOWDA V	Α	Р
43	20211CSE0637	ANJAN G	Α	Р
		•		





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		No of students absent	19	29
		No of students attended	41	31
60	20211ISR0082	MITHALI S ANAND	Α	Α
59	20211ISR0053	SNEHA N	Р	Р
58	20211ISR0015	SYED YUSUF HUSSAIN	А	Р
57	20211ISE0017	ANUSHREE G	Р	Α
56	20211ISE0011	SAGAR M KODABAGI	Р	Α
55	20211ECE0300	Histarth H V	Р	Α
54	20211ECE0287	M S Sai Suhas	Р	Α
53	20211ECE0112	Manju M K	Р	Р
52	20211ECE0086	Prerana R	Α	Р
51	20211CST0086	YADLAPALLI VENKAT SAI	Р	Р
50	20211CST0081	DARSHAN V	А	Α
49	20211CSG0068	PALLAVI PATTANASHETTI	Р	Р
48	20211CSG0061	NAGARATHNA M	Р	А
47	20211CSG0021	PAWAN P	Р	Α
46	20211CSE0880	T SRUJAN BISNEER	Р	Α
45	20211CSE0673	BHARATH G	Р	Α
44	20211CSE0638	SATHVIK T D	Р	Α

Remarks: Nine students have actively participated in the seminar and presented topics related to corrosion and its prevention. The session was very interactive and beneficial to students.

(Dr. Aparna Roy)

Signature of Instructor In-Charge

(Dr. Shashikala A R) HOD

REGISTRAR REGISTRAR



SCHOOL of ENGINEERING DEPARTMENT OF CHEMISTRY

Ref.No.:PU/SOE/CHE /Student seminar & presentation/2020-21/3rd year/CHE1012

Course Title: Introduction to Composite materials

Course Code: CHE1012

Name of the Instructor in Charge: Dr. Anu Sukhdev

Name of the Instructor: Dr. Anu Sukhdev

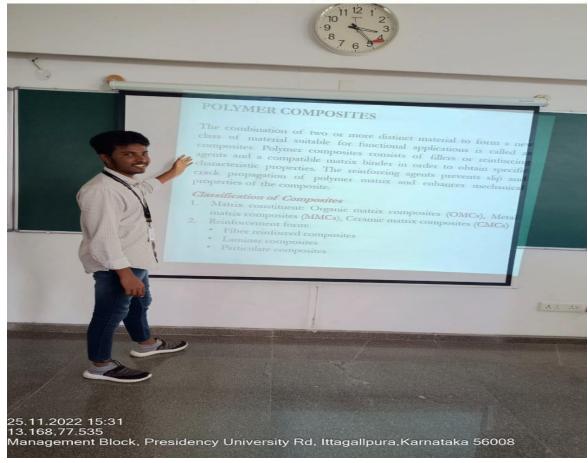
Student seminar presentation was conducted in the 4th week of November 2022. The students were asked to select the topics related to polymer composites, fabrication methods and applications.

Few specific topics selected are:

- 1. Polymer composites
- 2. Classification of Polymer composites
- 3. Fabrication methods of Polymer composites (one method each type)
- 4. Application in aerospace and automotive domain



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Attendance:

1	20191BDS0023	SANJANA SRINIVASAN	Р
2	20191BDS0014	MONISHA A RAJ	Р
3	20191BDS0017	NIREEKSHA SANJAY SWADI	Р
4	20191BDS0002	ALLURU SUSHITA	Р
5	20201LDS0001	ALLEN SANOJ SUBHAKAR P	Р

City Office: University House, 8/1, King Street, Richmond Town, Bengaluru - 560025

Campus: Presidency University, Itgalpur, Rajankunte, Bengaluru - 560064 Phone: +80 4925 5533 / 5599 Email ID: info@presidencyuniversity.in

Filone. 1 80 4525 5535 / 5555 Email 10. <u>Info@presidencydifiversity.ii</u>

www.presidencyuniversity.in





Remarks:

All the students have actively participated in the seminar and presented topics related to types of polymer composites, fabrication and applications. The session was very interactive and beneficial to students.

Ann Gukhden

Signature of Instructor In-Charge

HOD

REGISTRAR

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(Private University Estd. in Karnataka State by Act No.41 of 2013)

PRESIDENCY UNIVERSITY School of Engineering Department of Chemistry

Date: 25th May 2022

Ref.No.: PU/SOE/CHE /Student seminar & presentation/2022-23/II Sem/CHE1013

Course Name: Chemistry for Engineers

Course Code: CHE 1013

Year/SEM/School: AY-2021-2022/II Semester/SOE Name of the Instructor in Charge: Dr. Aparna Roy

Name of the Instructor: Dr. Aparna Roy

Student seminar presentation was conducted in the 3rd week of May 2022. The students were asked to select the topics related to corrosion and its prevention.

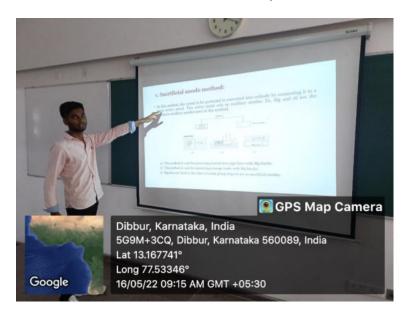
Few specific topics selected are:

- Types of corrosion
- Sacrificial anode protection
- Electroplating
- Electroless plating





(Private University Estd. in Karnataka State by Act No.41 of 2013)









(Private University Estd. in Karnataka State by Act No.41 of 2013)

Attendance:

Sl. No.	ID No.	Name	16-May-22	20-May-22
1	20211CAI0117	Vachanashree	Р	А
2	20211CAI0122	Saikumar	Р	А
3	20211CAI0133	Monika Yadav A	Р	А
4	20211CAI0148	Kamini Prajapathi S	Р	Р
5	20211CAI0151	Gowtham Reddy V	Р	Р
6	20211CBD0036	Bharath Kumar S	Р	Р
7	20211CBD0037	Syeada Sufiya Moosa	Р	Р
8	20211CCS0045	Prajwal Kumar Savalagi	Р	Р
9	20211CCS0080	Rahul R	А	Р
10	20211CCS0100	Prajwal Ram J	А	Р
11	20211CCS0105	Preethi T K	А	Р
12	20211CCS0109	Jyotsna Banakar	Р	Р
13	20211CCS0115	Vishnu Prian S	А	Р
14	20211CCS0118	Rushil Bhardwaj L	А	Р
15	20211CCS0132	Sai Kumar B M	Р	Р
16	20211CCS0136	Varmitha V S	Α	Р
17	20211CCS0143	Shelden P	Р	Р
18	20211CCS0146	S Manasa	Р	Р
19	20211CCS0148	Nisha.S	Р	Р
20	20211CCS0149	Snigdha Devaraj Shetty	Р	А
21	20211CCS0150	Simran Jogi	Р	Р
22	20211CCS0154	Deeksha.M	Α	Р
23	20211CCS0163	Pancham Ganesh T	Α	Р
24	20211CCS0171	Amith S Pujar	Р	Р
25	20211CCS0193	Kudala Chakradhar Reddy	Α	Р
26	20211CEI0135	Poornima Chandrashekar Balagondar	Р	Р
27	20211CEI0148	Mandava Venkata Subash	Р	Р
28	20211CIT0092	Mulla Siraj	А	А
29	20211CIT0109	Kushal S	А	А
30	20211CIT0110	S P Brahma Chaitanya	Р	Р
31	20211CIT0136	Anakha Eliza Shaji	Р	Α
32	20211COM0070	M D Shoaib Ashraf	Р	Α
32	20211COM0070	M D Shoaib Ashraf	P	А





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33	20211CSD0031	R Srinivas Raju	Α	Р
34	20211CSD0051	Arun H S	А	Р
35	20211CSD0070	Varun	А	Р
36	20211CSD0108	Sahana R	А	Р
37	20211CSD0161	Sanjana Kiran Tikare	А	Р
38	20211CSD0164	Gowtham R Gowda	Р	Α
39	20211CSD0169	Karen Rena C	Р	Р
40	20211CSE0001	Asmita Gupta	Р	Р
41	20211CSE0003	Nallagorla Jagadeeshchandra Brammeswararao	Р	А
42	20211CSE0004	Ajinkya Prakashrao Kirde	Р	Α
43	20211CSE0034	Krisha Mihir Farishta	А	Р
44	20211CSE0069	Koditala Abhinay	А	Р
45	20211CSE0094	Raj Kumar Chanda	Р	Α
46	20211CSE0108	Komma Bhanu Prakash Reddy	Р	Р
47	20211CSE0118	Vundela Meghanatha Reddy	Р	Α
48	20211CSE0121	Devireddy Guruvardhan Reddy	P	A
49	20211CSE0125	Darisi Phani Bala Jaswanth	Р	Р
50	20211CSE0132	Vanamala Dinesh Vardhan	А	Р
51	20211CSE0134	Tripurari Vinay Satya Krishna Karthik	Р	Р
52	20211CSE0136	Taticherla Varsha	А	Р
53	20211CSE0142	Kurlapalli Rudrappa Gari Sudarshan	Р	Р
54	20211CSE0172	Somandepalli Rajashekar Reddy Mythri	A	Р
55	20211CSE0186	Kishnaram Jaswanth	Α	Р
56	20211CSE0205	Rahul M R	Р	А
57	20211CSE0207	Anil Kumar V H	А	Р
58	20211CSE0208	Akshata	Р	А
59	20211CSE0212	Shadakshari D	Р	Р
60	20211CSE0214	Shashank S N	А	Р
İ		1	1	l
61	20211CSE0241	G K Raghavendra Rao	Р	Α
61 62	20211CSE0241 20211CSE0276	G K Raghavendra Rao Sangati Charitha	P P	A





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64	20211CSE0283	Patan Shaheena	Р	Р
65	20211CSE0316	Gurramkonda Sandhya	Р	Р
66	20211CSE0324	Hema Deepika Mikkili	Р	Α
67	20211CSE0336	S Kushal	Р	Α
68	20211CSE0344	Guruprasad D	Р	Α
69	20211CSE0396	Shruthi M	Р	Α
70	20211CSE0400	Anitha M	Р	Р
71	20211CSE0420	G Akash	А	Р
72	20211CSE0469	Rakshith J	Р	Р
73	20211CSE0497	Yashas R Gowda	А	Р
74	20211CSE0503	Talari Mohana Ranga	Р	Р
75	20211CSE0506	Kowshik C	Р	Α
76	20211CSE0534	Naveen K S	Р	Α
77	20211CSE0622	Abhishek	Р	Α
78	20211CSE0662	Apeksha Changoli	Р	Α
79	20211CSE0698	A S Asmitha	Р	Р
80	20211CSE0701	Bugga Mohan	Α	Р
81	20211CSE0702	Yamba Mahesh	Р	Р
82	20211CSE0729	S Pavani	Α	Р
83	20211CSE0791	Thushani	Р	Α
84	20211CSE0818	Abhinav C.S	Р	Α
85	20211CSE0821	Chigicherla Yeshwanth Sai	Р	Α
86	20211CSE0845	B Harinath Reddy	Р	Α
87	20211CSE0851	Mohammad Farris	Р	Р
88	20211CSG0009	Nikhil Rathod J	А	Р
89	20211CSG0017	Sahana H	Р	Р
90	20211CSG0025	Prachi	А	Р
91	20211CSG0028	Narmada Radhika J S	Р	Α
92	20211CSG0048	Mamatha S	Р	Α
93	20211CSG0055	Chandan P Shirni	Р	Α
94	20211CSG0062	Vishnu Vardhana .S	Р	Α
95	20211CST0136	Mungamuri Uday Kiran	Р	Р
96	20211ECE0075	Beduduri Hari Mahesh	А	Р
97	20211ECE0181	Tushar Bharti	Р	Р
98	20211ECE0191	Malyavantham Karthik	А	Р
99	20211ECE0209	Rahul K A	Р	Р
100	20211ISE0002	Ganashree M	Р	Α
101	20211ISE0013	Ananya T V	Р	Α
102	20211ISE0015	Dhanush Gowda B M	P	A
103	20211ISE0016	K Vivek Chandran	P	A
	1	1	1	l





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104	20211ISE0037	Hatti Vishnu	Р	Р
105	20211ISE0040	Spandana T N	Α	Р
106	20211ISE0048	Pratham Uday Gangavalkar	Р	Р
107	20211IST0015	Azmath Patel	Α	Р
108	20211IST0020	Shamitha R	Р	Р
109	109 20211IST0026 Sushmitha V M		Р	Α
Number of students present			75	70
Number of students absent			34	39

Remarks: The students have actively participated in the seminar and presented topics related to corrosion and its prevention. The session was very interactive and beneficial to students.

(Dr. Aparna Roy)

Signature of Instructor In-Charge

(Dr. Shashikala A R)

 HOD





SCHOOL of ENGINEERING DEPARTMENT OF CHEMISTRY

Ref.No.:PU/SOE/CHE /Student seminar & presentation/2020-21/1st year/CHE1014

Course Title: Surface Coatings technology and corrosion science

Course Code: CHE1014

Name of the Instructor in Charge: Dr.Shashikala A R

Name of the Instructor: Dr.Shashikala A R

Student seminar presentation was conducted in the 2nd week of May 2022. The students were asked to select the topics related to plating methods, specifications and measurement techniques.

Few specific topics selected are:

- 1. Electro plating and factors affecting rate of deposition
- 2. Electroless plating and its advantages
- 3. Immersion plating: Galvanizing and tinning
- 4. Coating thickness measurement: destructive and non-destructive methods
- 5. Adhesion-tape- peel off test
- 6. Microhardness measurement



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Attendance:

S.No.	ID NO	STUDENT NAME	06/5/2022	10/5/2022
1	20211CAI0067	Smruti S Nair	Р	Р
2	20211CAI0071	Steevan T	Р	Р
3	20211CAI0089	Sahana K H	Р	Р
4	20211CAI0091	Ayush Samuel Ajith	A	Р
5	20211CAI0142	Naheel N Akhtar	A	Р
6	20211CBC0031	Chethak	Р	Р
7	20211CBC0042	Varshika Raj A	A	Р
8	20211CBC0050	Ashfaq Ahmed K S-A	Р	Р
9	20211CBD0035	Shaik Noor Mahammad	Р	Р
10	20211CBD0057	Chandrashekhar Biradr-A	A	Р
11	20211CCS0034	Jakku Nishithaa	A	Р
12	20211CCS0049	Krishnageetha P	Р	Р
13	20211CCS0053	Shesha Venkat Gopal K	A	Р
14	20211CCS0061	Shreya Malshetty	Р	A
15	20211CCS0064	Jayalakshmi D	A	Р
16	20211CCS0076	K Mohammed Hizqueel Danish-A	Р	Р
17	20211CCS0114	Chaithra Hanumanthappa Banger -A	Р	Р
18	20211CCS0116	Srujana Manjunath-A	Р	Р
19	20211CCS0159	Keerthy M	А	Р

City Office: University House, 8/1, King Street, Richmond Town, Bengaluru - 560025

Campus: Presidency University, Itgalpur, Rajankunte, Bengaluru - 560064 Phone: + 80 4925 5533 / 5599 Email ID: info@presidencyuniversity.in

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20	20211CCS0162	Bijil B Maniyat-A	A	A
21	20211CCS0180	Dilip T R	Р	А
22	20211CDV0055	Amruth Raj P	Р	A
23	20211CDV0056	Kalisetty Vishnuvardhan	A	Р
24	20211CEI0032	Zaid Bin Mushtaq-A	A	Р
25	20211CEI0037	Yashas Yadav G	Р	Р
26	20211CEI0038	Susan Evangiline C	A	Р
27	20211CEI0053	Pramukh T R	A	Р
28	20211CEI0056	Neravathi Ravi Kumar Reddy-A	Р	А
29	20211CEI0057	Adithya V	Р	Р
30	20211CEI0099	Rushikesh Paresh Shetty-A	Р	A
31	20211CEI0104	Vidyashree R	Р	Р
32	20211CEI0128	Abhinav-A	Р	Р
33	20211CEI0136	Ballary Vishnu Vardhan	A	Р
34	20211CEI0139	Mohammed Isaaq-A	A	Р
35	20211CIT0099	Dhanush S	Р	Р
36	20211CIT0107	G Vinay	A	Р
37	20211CSD0049	Keerthana	Р	Р
38	20211CSD0086	Phanikiran N K	A	Р
39	20211CSD0105	Prajwal A B	Р	Р
40	20211CSD0116	Akash-A	Р	Р
41	20211CSD0126	Pavaman S Suraj	A	Р
42	20211CSD0156	Yashraj-A	A	Р
43	20211CSE0850	Sourav Kumar Singh	Р	Р
44	20211CSE0882	Darshan H V-A	Р	А
45	20211CSG0030	G Nithin	Р	Р
46	20211CSG0044	Karthikeyan C-A	Р	Р
47	20211CST0055	Rayapaneni Hemanth	Р	Р
48	20211CST0071	Preetham K R	Р	А
49	20211CST0082	Greshma Dc	Р	Р
50	20211CST0087	Krishna Rajath-A	A	Р
51	20211CST0097	Sanketh S Hegde	Р	A
52	20211CST0098	Chethan B	Р	А
53	20211CST0123	Suhail I S-A	Р	Р
54	20211CST0130	Sai Praneeth L	A	А

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55	20211ISD0033	Chandan Bn	Α	Р	
56	20211ISE0035	Likhith L K	Α	Р	
57	20211ISE0039	Rohith Gowda N	Α	Р	
58	20211ISE0041	Nikitha Sarika Achar	Α	Р	
59	20211ISE0047	Siri R Shetty-A	Α	Р	
60	60 20211IST0007 D P Rakshitha		Р	Р	
61	61 20211IST0014 Shruti Kumari		Α	Р	
Tota	Total Number of Students Present			50	
Tota	l Number of Stud	ents Absent	30	11	

Remarks:

The students have actively participated in the seminar and presented topics related to plating methods, specifications and measurement techniques. The session was very interactive and beneficial to students.

Signature of Instructor In-Charge

Josholad R.

HOD

tostiglad R.



Industry Visit

Course name: Surface Coatings Technology and Corrosion Science

Course Code: CHE 1014

Faculty In-charge: Dr. Shashikala A R

From: Dr. D Subhakar -Vice Chancellor <vicechancellor@presidencyuniversity.in>

Sent: 24 May 2022 11:32

To: Dr. Shashikala-Asso.Prof & HOD-Chem; Dean SoE

Cc: Dr. Shrishail Anadinnni-Prof & Asso.Dean-Civil; Dr. Surendra Kumar A M -Pro-Vice

Chancellor - Academics & Examination; Syed Mohammed Askari-Asso.Director Admin

& Facility

Subject: RE: Industry visit

Dear Madam.

Visit of 35 students and faculty is approved along with necessary transport from the University.

With regards,

D.Subhakar Vice-Chancellor Presidency University Bengaluru

From: Dr. Shashikala-Asso.Prof & HOD-Chem < hod chemistry@presidencyuniversity.in>

Sent: 24 May 2022 11:22

To: Dean SoE <deansoe@presidencyuniversity.in>

Cc: Dr. Shrishail Anadinnni-Prof & Asso.Dean-Civil <shrishail@presidencyuniversity.in>; Dr. Surendra Kumar A M -Pro-

<syed.askari@presidencyuniversity.in>

Subject: Fw: Industry visit

Respected Sir,

As per the appended e-mail communication with Dr.Rajeev Dixit, "Pyro eco green technologies Pvt Ltd.", as a part of MOU, an industry visit is arranged for the second semester students (~35) of "Surface coatings technology and Corrosion science" course on second Saturday 11th June 2022.

As the industry is located in Kanakapura Industrial area about 90kms from the university. We may have to start here at 8:30am and will be back in the campus by 4:30pm.

Working lunch will be provided to students at the venue by the industry without any charges.

Kindly, approve the Industry visit and provide transportation for 35 students and 2 faculty members.

Thanks and regards, Shashikala A R

From: Dr. Shashikala-Asso.Prof & HOD-Chem < hod chemistry@presidencyuniversity.in>

Sent: Friday, May 20, 2022 12:08 PM

To: rajeev deekshit <pyrorajeev@gmail.com>



Cc: sundeep@pyrotechnologies.co.in; Dr. Saravanan Chandrasekaran -Prof.-Chem saravanan@presidencyuniversity.in; Dean SoE deansoe@presidencyuniversity.in; Dr. Shrishail Anadinnni-Prof & Asso.Dean-Civil shrishail@presidencyuniversity.in>

Subject: Re: Industry visit

Respected Sir,

Thank you very much for the reply and giving consent for the visit. I will take the approval from higher authorities.

I will be contacting you for further clarifications.

Thank you very much.

Regards,

Shashikala A R

From: rajeev deekshit com

Sent: Friday, May 20, 2022 9:41 AM

To: Dr. Shashikala-Asso.Prof & HOD-Chem < hod chemistry@presidencyuniversity.in>

Cc: sundeep@pyrotechnologies.co.in; Dr. Saravanan Chandrasekaran -Prof.-Chem

<saravanan@presidencyuniversity.in>

Subject: Re: Industry visit

Dear Dr. Shashikala,

Good morning.

We welcome you to visit us on Saturday, 11.06.2022.

Please confirm the time of your visit. Any time between 8.30 a.m. to 3.00 p.m. is fine.

Hope you are aware that our company is about 50km away from Bangalore. You may need about 1 hour 30 minutes to reach our factory from Bangalore.

Please feel free to contact us for any clarification

Best Regards,

Rajeeva Deekshit Head: Technical 9844030120.

Pyro Technologies, Regd. Office & Works; Q2, 1st Cross, KSSIDC Industrial Estate, 2nd Stage, Kanakapura - 562117. Karnataka, India.

On 20-May-2022, at 9:25 AM, Dr. Shashikala-Asso.Prof & HOD-Chem https://doi.org/10.2016/journal.com/ AM, Dr. Shashikala-Asso.Prof & HOD-Chem https://doi.org/10.2016/journal.com/ AM, Dr. Shashikala-Asso.Prof & HOD-Chem https://doi.org/ AM, Dr

Respected Sir,

In continuation to our MOU with your esteemed organization 'Pyro Eco Green Technologies PVT Ltd.', We would like to conduct one industry visit for the first semester B. Tech Students of

the course "Surface Coatings and Corrosion". As per the telephonic conversation by Dr.Saravanan, we are planning to bring around 35+ students on **11/06/2022 Saturday**. Kindly, let us know whether the date is convenient to you, so that I can proceed with arrangements in the university.

Thanks and Regards, Dr.Shashikala A R





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25-05-2022

Circular

An industry visit is arranged to "Pyro Eco Green Technologies Pvt Ltd", Kanakapura Industrial area, Kanakapura for the second semester students of the open elective course of "Surface coatings Technology and Corrosion Science" [CHE1014] on 11-06-2022 from 9am to 4:30pm. Interested students can participate in the visit by filling the Microsoft form given below. Last date to register is 30-05-2022.

Registration link: https://forms.office.com/r/1xF1mr2Ckg



Dr. Shashikala A R

(Course IC and HOD)



Department of Chemistry Presidency University, Bengaluru

Details of the students registred for Industry visit to "Pyro eco green technologies Pvt Ltd"

Date of visit: 11-06-2022

Faculty Incharge: Dr.Shashikala A R

	racuity incharge. Dr.5hasi			
ID	Name of the student	Roll number and branch	Contact number	Email2
1	G Nithin	20211CSG0030	8147632413	nithing626@gmail.com
2	Chethak	20211CBC0031 Computer science engineering b	6366128601	chethakchethu8@gmail.com
3	Siri R Shetty	20211ISE0047 information science	7019518586	sirirshetty1285@gmail.com
4	Shesha Venkat Gopal K	20211CCS0053 CSE - Cyber Security	9901551056	sheshuk3937@gmail.com
5	PRAJWAL A B	20211CSD0105,Computer science and engineeri	7348996295	Prajwal. 20211CSD0105@presidencuniversity.in
6	Nikitha sarika achar	20211ise0041 Information science	8660128906	Nikithaachar66@gmail.com
7	VIDYASHREE.R	20211CEI0104 Computer engineering (spl.AI &M	6363863503	VIDYA.20211CEI0104@presidencyuniversity.in
8	PHANIKIRAN NK	20211CSD0086	8123527233	PHANIKIRAN.20211CSD0086@presidencyuniversity.in
9	Jayalakshmi D	20211CCS0064	9902859138	jayuujayalakshmi@gmail.com
10	ADITHYA V	20211CEI0057,CEI(AIML)	7406319253	ADITHYA. 20211CEI0057@presidencyuniversity.in
11	Shreya malshetty	20211CCS0061-CSE(cyber security)	8296567192	shreyamalshetty0105@gmail.com
12	Yashraj	20211CSD0156 CSE-Data Science	8792409500	yashraj.20211csd0156@presidencyuniversity.in
13	Dilip T R	20211CCS0180	6362185502	dilip.20211ccs0180@presidencyuniversity.in
14	D P Rakshitha	20211IST0007	9972329897	dprakshitha047@gmail.com
15	Chethan. B	20211cst0098 cst(ai and ml)	9845238501	chetuchethan459@gmail.com
16	KRISHNA RAJATH	20211CST0087-cst(AIML)	9353518501	krishnarajath327@gmail.com
17	Ballary Vishnu vardhan	20211CEI0136 Computer engineering (spl AI & N	7419922999	Ballary.20211cei0136@presidencyuniversity.in
18	Chaithra	20211ccs0114	6360620781	Chaithra. 20211ccs0114@presidencyunuversity.in
19	KRISHNAGEETHA. P	20211CCS0049	7019198217	Krishnageetha. 20211ccs0049@presidencyuniversity.in
20	Srujana manjunath	20211ccs0116	9071069181	Srujana. 20211ccs0116@presidencyuniversity.in
21	Pramukh T R	20211CEI0053	9945153747	pramukhpummy19@gmail.com
22	Chandrashekhar Biradar	20211CBD0057	6363573844	chandrashekhar.20211cbd0057@presidencyuniversity.in
23	Abhinav	20211CEI0128	8431255813	johnabhiq1212@gmail.com
24	SUHEAL I S	20211CST0123. CST	6361762590	suhealis10@gmail.com
25	Rohith Gowda N	20211ISE0039 ISE	9880727982	rohithgowdanlr2003@gmail.com



26 Sourav Kumar singh	20211cse0850	8228031126	souravkumar7265@gmail.com
27 Akash	20211CSD0116	6363236768	AKASH.20211CSD0116@presidencyuniversity.in
28 Shaik Noor Mohammad	20211CBD0035	9347640306	sn381407@gmail.com
29 Kothakula Keerthi	20193CHE0001	7036127948	kothakulakeerthy@gmail.com
30 Smitha S Patil	20203CHE0002	6363254445	smithaspatil695@gmail.com
31 Bhargavi K S	20203PHY0004	7899566199	bhargavik312@gmail.com



Report on the Industry Visit organized by Department of Chemistry on 11/06/2022

Name of the Industry: "Pyro Eco Green Technologies Pvt Ltd."

Course: "Surface Coatings Technology and Corrosion Science"

Course Code: CHE1014

Coordinator: Dr. Shashikala A.R, Professor, Department of Chemistry

No of registrants: 31

No. of Participants: 31

Report:

As a part of curriculum and MOU, an industry visit was organized for students of the course "Surface coatings technology and Corrosion science CHE-1014" on 11th of June 2022 from 9am to 5pm. After taking permission from Dr.Rajeev Dixit, Managing Director, Pyro eco green technologies for the students visit, Honorable Vice Chancellor Sir has approved the visit. A circular was sent to students for registration and vehicle arrangement was also done from the university.

On 11th June 2022, the students accompanied by faculties reached the Industry at 11:30am. Dr. Rajeev Dixit introduced the employees and explained us the need for eco-friendly process. He also presented the ecofriendly work carried out at his industry with videos. Single step metal Precleaning procedure was explained, which is easier and environmental friendly than conventional methods.









Later we were taken round the industry to see the work going on. The students saw the ecofriendly cleaning solutions manufacturing unit. The type of research work carried out at the industry was explained to students.





Lunch was arranged at the industry. The visit was completed by 3pm in the afternoon and the students were back in the university by 5pm with lot of good memories and skills.



Dr.Shashikala A R

(HoD and Coordinator)



(Private University Estd. in Karnataka State by Act No.41 of 2013)

PRESIDENCY UNIVERSITY School of Engineering Department of Chemistry

Date: 18th May 2023

Ref.No.: PU/SOE/CHE /Student seminar & presentation/2022-23/II & IV Sem/CHE1020

Course Name: Environmental Studies & Sustainable Development

Course Code: CHE 1020

Year/SEM/School: AY-2022-2023/II & IV-Semester/SOD Name of the Instructor in Charge: Dr. Saravanan C

Name of the Instructor: Dr. Saravanan C

Student seminar presentation was conducted in the 2nd and 3rd week of May 2022. The students were asked to select the topics related to environmental studies such as water resources, environmental hazards, solid waste management and energy sources

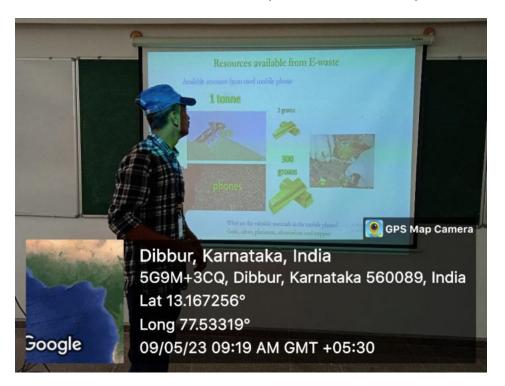
Few specific topics selected are:

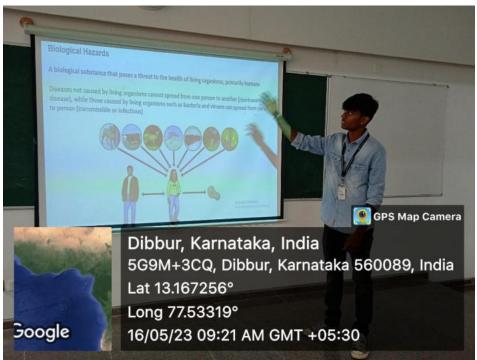
- Environmental Hazards
- Water resources and management
- Sustainable strategies for conservation of natural energy resources.
- Solid waste managements





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(Private University Estd. in Karnataka State by Act No.41 of 2013)

Attendance:

Sl. No.	ID No.	Name	9-May-23	16-May-23
1	20211BDS0001	CHADA KANAKA MAHALAKSHMI	Р	Α
		FOUAD MAHER GHALIB		
2	20211BDS0002	ALZOURAIQI	Р	Р
3	20211BDS0003 SNEHA SINGHAL		Р	Α
4	20211BDS0004	STEPHY ANN SHIBU	А	Α
5	20211BDS0005	YOUSRA FATIMAH KHAISAR	А	Р
6	20211BDS0006	ANISHA BAGUI	А	Α
7	20211BDS0007	AGAMAMIDI DURGA REDDY	А	Α
8	20211BDS0008	RIHANNA JESINDA Y	А	Α
9	20211BDF0002	JANARTHANAN B	Р	Р
10	20211BDF0003	RIJIN RAJAN R	А	Α
11	20211BDF0004	UTKARSH C R	Р	Р
12	20211BDF0005	VISHNU PRIYA S	А	Α
13	20211BDF0006	VULLAGANTI MANISHA	Р	Р
14	20211BDF0007	ВНООМІКА М	Р	Р
15	20211BDF0009	YAAZHINI K	Р	Р
		CHATUKONDU VENKATA		
16	20211BDF0010	PRASHANTHI LAKSHMI	Р	Р
17	20211BDF0011	VAISHNAVI N	Р	Р
18	20211BDF0012	SNEHA S V	Р	Р
19	20211BDF0013	BAISAKHI MANNA	Р	Α
20	20221LDS0001	NAVYASHREE	Р	Р
21	20221LDS0002	LAKSHMI Y	А	Α
22	20221LDS0003	ASHIKA ARAVA L	А	Р
23	20211BDG0001	ADDAGADA RUDHRA	А	Α
24	20211BDG0004	EGA VENKATA MANOJ KUMAR	Р	Р
25	20211BDG0005	KAVIN G	Р	Р
26	20211BDG0006	KRISHTI CHAUDHURI	Р	Р
27	20211BDG0007	MADHAV P	Р	А
		BILAKANTI SHIVA		
28	20211BDG0008	SATYANARAYANA	Р	Р
29	20211BDG0009	N JASMITHA	Α	Р





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30	20201BDG0002	GURRAM VISWESWAR KANTH	Р	Р
31	20201BDG0004	PRATYUSH SINGH	Р	Р
32	20201BDG0005	ROOSHAN KAMIL	Α	Α
33	20211BDP0001	AASTHA SAXENA	Р	Р
34	20211BDP0002	ABHILASH GEORGE	Α	Α
35	20211BDP0003	AUSTIN HOP NICHOLAS	Α	Α
36	20211BDP0004	H GAHAN REDDY	Α	А
37	20211BDP0005	MAHESWAR PANDIAN A V	Α	Α
38	20211BDP0006	SRIPADA	Α	А
39	20211BDP0007	ESHWAR M D	Р	Р
40	20211BDC0001	AISHWARYA C	Α	А
41	20211BDC0003	DIYA MARIA BENOY	Α	А
42	20211BDC0004	G ARJUN PRASAD	Р	Р
43	20211BDC0005	GANAPATHY G A	Α	Р
44	20211BDC0006	JYOTHISH KOSHY MATHEW	Р	Р
45	20211BDC0007	KEERTHANA RAGHURAM	Р	Р
46	20211BDC0008	RUDRANATH A S	Α	Α
47	20211BDC0009	SHAMANTH N	Р	Р
48	20211BDC0010	VAISHNAVI B V	Р	Р
49	20211BDC0011	PAKKI NOEL ALBAN	Р	Р
50	20211BDC0013	AISHWARYA U	Р	Р
51	20211BDC0014	SHREYASHI DUTTA	Р	Р
52	20211BDC0015	ABSHAR KALATHI PARAMBIL	Α	А
53	20211BDC0016	ARYA BERA	Р	Р
54	20211BDC0017	SNEHA CHAKRABORTHY	Р	Р
55	20211BDC0020	MOHAMMED ARSHIM SHARIFF	Α	Р
56	20211BDC0021	ANIMESH SHARMA	Α	Р
57	20221BSM0001	SASHTIK K	Р	Р
58	20221BSM0002	MEGHA MADHU	Р	Α
59	20221BSM0003	LIKIL RAM	Α	Α
60	20221BSM0005	ASHIF SAHEER C	Р	Р
61	20221BSM0007	ANOOP DESHPANDE	А	Α
62	20221BSM0008	BITAN DUTTA ROY	А	Α
63	20221BSM0009	NAYANA B P	Α	Α
64	20221BSM0010	SNEHA SUSAN MATHEW	Р	Р
65	20221BSM0011	ANIRUDDH NAIR	А	А





(Private University Estd. in Karnataka State by Act No.41 of 2013)

66	20221BSM0012	ASHIQ MP	Р	Р
67	20221BSM0013	AARYAN .	Р	Р
68	20221BSM0014	ASHVI SINGH	Р	Р
69	20221BSM0015	B Manish Singh	А	А
70	20221BSM0016	ROHITH M	А	А
71	20221BSM0017	Yuktansh Shankar	Р	Р
72	20221BSM0018	ABHINAND R NATH	Р	Α
73	20221BSM0019	SRISHTY SINGH	Р	Р
74	20221BSM0020	ATHUL CHANDRA	А	Р
75	20221BSM0021	Ravi Varma T.S	Α	А
		No of students attended	42	43
		No of students absent	33	32

Remarks: The students have actively participated in the seminar and presented topics related to biological hazards, waste water management, renewable energy sources and e-waste management. The session was very interactive and beneficial to students.

(Dr. Saravanan C)

Signature of Instructor In-Charge

(Dr. Shashikala A R) HOD

