



SAPTHAGIRI COLLEGE OF ENGINEERING

(Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE, New Delhi)

#14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru – 560057

ISO 9001, 14001 Certified Institute, Accredited by NAAC with A Grade

DEPARTMENT OF PHYSICS

List of 1st Year Students Mini Projects (2020-21) - Physics Cycle

Sl No	USN	Student Name	Project Title
1	1SG20CS075	PAVITHRA H	Air Gun
2	1SG20CS076	POORNIMA T	
3	1SG20CS080	PRAMOD KUMAR S J	
4	1SG20CS081	PRAVEEN KUMAR N	
5	1SG20CS083	PUNITH S	
6	1SG20CS101	SHREYA SHETTY S	
7	1SG20CS074	PAVITHRA B L	Powerful Hydraulic Jack
8	1SG20CS077	PRADEEPKUMAR S	
9	1SG20CS082	PREETHAM S G	
10	1SG20CS089	S VINODKUMAR	
11	1SG20CS093	SANGEETHA J	
12	1SG20CS098	SHILPA G P	
13	1SG20CS100	SHRAVAN L	DC Motor Water Pump
14	1SG20CS095	SHARATH Y P	
15	1SG20CS088	S MEHAK AFREEN	
16	1SG20CS073	PAVAN R	
17	1SG20CS097	SHILPA BIRADAR	
18	1SG20CS091	SAHANA N	
19	1SG20CS085	RAKSHITH G C	Pencil Lead Water Level Indicator
20	1SG20CS099	SHIVUROOPESH M	
21	1SG20CS006	AISHWARYA SINGH	
22	1SG20CS092	SAKSHEE SINGH	
23	1SG20CS106	TSEWANG CHOSKIT	
24	1SG20CS104	SUKHPREET SINGH	
25	1SG20CS087	RITIK RAJ	Harmonograph
26	1SG20CS112	VIPIN K S	
27	1SG20CS113	VISHWAS H R	Working of Model Heart
28	1SG20CS107	UJWAL GOWDA V	
29	1SG20CS105	SURYAKANT	
30	1SG20CS026	CHANDANA V	
31	1SG20CS068	NISARGA S	
32	1SG20CS067	NIKSHITHA K	
33	1SG20CS029	DEEPTHI S HEGDE	
34	1SG20CS013	ARCHANA S	
35	1SG20CS022	BHOOMIKA D K	
36	1SG20CS056	KISHAN KUMAR	
37	1SG20CS086	RISHAV ANAND	
38	1SG20CS079	PRAMIT KUMAR MANDAL	

39	1SG20CS019	BADAL KUMAR	ECO - List
40	1SG20CS040	GAURAV YADAV	
41	1SG20CS063	N PANDURANGE GOWD	
42	1SG20CS065	NAVNEET NAMAN	
43	1SG20CS011	APOORVA V	Magnetic Primer Designer
44	1SG20CS025	CHANDANA D S	
45	1SG20CS034	DIVYA N	
46	1SG20CS005	AISHWARYA LAKSHMI R	
47	1SG20CS102	SNEHA S	
48	1SG20CS070	NUHUSHAN SHAREEF S	
49	1SG20CS031	DEVADUTTA B R	Free Energy Generator
50	1SG20CS003	ADITYA ADIGA K	
51	1SG20CS058	KUMAR SWAMY B U	
52	1SG20CS027	CHANDU T R	
53	1SG20CS064	NAGARAJU K	
54	1SG20CS020	BHARATH GOWDA S	
55	1SG20CS047	HRUTHKARSHA D S	Model of Wireless Power Transmission
56	1SG20CS033	DIVYA B S	
57	1SG20CS050	JYOTHI N	
58	1SG20CS023	CHAITRA D	
59	1SG20CS059	KUMUDHA H I	
60	1SG20CS015	ARPITHA R	
61	1SG20CS001	ABHISHEK G B	free Energy Production using Salt Water
62	1SG20CS002	ABHISHEK K J	
63	1SG20CS024	CHANDAN C S	
64	1SG20CS032	DHANRAJ P	
65	1SG20CS037	GANESH H P	
66	1SG20CS072	PAVAN KUMAR P	
67	1SG20CS009	ANKUSH GOWDA R	Light Following Robot
68	1SG20CS094	SANTHOSH D	
69	1SG20CS114	VIVAN KUSHAL HENEGER	
70	1SG20CS051	K SARAVANAN	
71	1SG20CS060	LIKHITH B	
72	1SG20CS052	KAVIRAJ J	
73	1SG20CS016	ARYA SINHA	Mini Project
74	1SG20CS030	DEEPTI KULKARNI	
75	1SG20CS062	MONISHA P S	
76	1SG20CS018	AVEEK CHAKRABORTY	
77	1SG20CS049	JISHNU JAYADEVAN	
78	1SG20CS038	GANESHA S	
79	1SG20CS008	AKSHAY KUMAR JOSHI	Water Sensing Alarm
80	1SG20CS010	ANSTIN GEORGE	
81	1SG20CS036	FAHAD MOHAMMED	
82	1SG20CS046	HRIDAY THAPA	
83	1SG20CS048	JAYANTH M	
84	1SG20CS096	SHASHANK P	
85	1SG20CS069	NISHANT P CHOUHAN	

86	1SG20CS066	NAWEEL MANJOOR	Basic Electric Train
87	1SG20CS084	PUSHPENDER KUMAR	
88	1SG20CS017	ATUL ANAND	
89	1SG20CS053	KAVYA S	Automated Street Light
90	1SG20CS054	KEERTHANA S	
91	1SG20CS061	MANASA K G	
92	1SG20CS041	H N NITHYASREE	
93	1SG20CS014	ARPITHA M N	
94	1SG20CS012	ARCHANA G	Earth Quake Alarm
95	1SG20CS004	ADITYA SINGH	
96	1SG20CS042	HARSH KUMAR	
97	1SG20CS007	AKASH PUJARI	
98	1SG20CS110	VIDISH GUPTA	
99	1SG20CS103	SREEKAR NUTALAPATI	
100	1SG20CS043	HARSHA N	Hydraulic Bridge
101	1SG20CS055	KHUSHI SHEKHAR T C	
102	1SG20CS028	DEEPTHI S	
103	1SG20CS035	DYUTHI A I	
104	1SG20CS044	HARSHITHA J	
105	1SG20CS045	HITHAISHI S	
106	1SG20CS057	KRUTHI S	Automatic Water Level Indicator
107	1SG20IS090	SHYAM G	
108	1SG20IS085	SHREYAS A P	
109	1SG20IS082	SIDDHARTH SING	
110	1SG20IS091	SINCHANA G	
111	1SG20IS086	SHRUTI JAISWAL	
112	1SG20IS094	SRUSHTI BASAVARADDI	Traffic Control using Aurdino
113	1SG20IS021	CHANDAN R	
114	1SG20IS038	HEMANTH GOWDA M	
115	1SG20IS024	DARSHAN S	
116	1SG20IS023	CHIRAG TILWANI	
117	1SG20IS035	HARDIK SINGH	
118	1SG20IS050	MADHUSUDHAN E	Clap itch Sound Operated Switch for LED
119	1SG20IS032	GANAVI J	
120	1SG20IS040	JEEVITHA J HEGDE	
121	1SG20IS045	KRUTHAGNA G	
122	1SG20IS067	PRACHI SINHA	
123	1SG20IS087	SHRUTI KISHORE	
124	1SG20IS109	VARSHITHA Y B	
125	1SG20IS116	YASHASWINI B N	
126	1SG20IS117	YASHASWINI M KORI	
127	1SG20IS118	YUKTHA R	Light Fidelity (Li-Fi)
128	1SG20IS017	BHISHAM NARAYAN PANDEY	
129	1SG20IS012	APURVA ANAND	
130	1SG20IS110	VASISTA DATTATREYA BHAT	
131	1SG20IS004	ADITYA PRAKASH MISHRA	
132	1SG20IS112	VENU M	

133	1SG20IS111	VENKATESH K	Power Generator DC Dynamo
134	1SG20IS115	VIVEK C	
135	1SG20IS114	VISHAL PATIL	
136	1SG20IS089	SHWETHA M	
137	1SG20IS088	SHWETA VIRUPAKSH JALALAPURE	
138	1SG20IS092	SMITHA S V	
139	1SG20IS081	SHALINI H	
140	1SG20IS078	SAFIYA BI	
141	1SG20IS093	SNEHA E	Music Rhythm LED Circuit
142	1SG20IS083	SHASHANK M	
143	1SG20IS075	RANJITH R	
144	1SG20IS076	RUTHWIK D J	
145	1SG20IS079	SANDESH HN	Power Based Door Lock System
146	1SG20IS036	HARSHITH M P	
147	1SG20IS033	GANESH R	
148	1SG20IS031	GAGAN S ADITYA	
149	1SG20IS044	KEERTHAN KUMAR NAYAK	
150	1SG20IS023	CHIRAG TILWANI	
151	1SG20IS030	DUSHYANTH R	Smoke Absorber
152	1SG20IS028	DISHA S	
153	1SG20IS029	DIVYA B N	
154	1SG20IS034	HANSHIKA VIJETA	
155	1SG20IS039	HITHA R SHETTY	Water Purifying By Charcoal Process
156	1SG20IS069	PRAVEEN NARAYAN HEGDE	
157	1SG20IS073	RAHUL ADITHYA B M	
158	1SG20IS065	PALLAVI V B	
159	1SG20IS080	SATVIKA K	
160	1SG20IS060	NISCHITHA S M	
161	1SG20IS070	PREETI GALAGALI	
162	1SG20IS061	NISHA SHETTY	
163	1SG20IS074	RAKSHA	Solar Powred Dual Hose Vacuum Cleaner
164	1SG20IS048	LAVKESH PRASAD	
165	1SG20IS008	ANIMESH DWIVEDI	
166	1SG20IS072	R S RAHUL	
167	1SG20IS077	SACHIN K	
168	1SG20IS064	NITHIN T S	
169	1SG20IS066	PAVAN R	
170	1SG20IS063	NITHIN SEERAPPA R	Automatic Street Light Control System
171	1SG20IS068	PRASHANTH L	
172	1SG20IS097	SUKEERTHI REDDY K	
173	1SG20IS098	SUPRIYA B	
174	1SG20IS099	SUPRIYA N R	
175	1SG20IS106	VAISHNAVI U	
176	1SG20IS100	SURYANSH KUMAR SRIVASTAVA	
177	1SG20IS096	SUHAS S	
178	1SG20IS104	UJWAL N	
179	1SG20IS095	SUDHASH R	

180	1SG20IS108	VARSHITHA S	Laser Security Alaram
181	1SG20IS101	SWEETY BOURI	
182	1SG20IS102	THANUSH T D	
183	1SG20IS103	THARUN S PETKAR	
184	1SG20IS105	UTKARSH KUMAR	
185	1SG20IS107	VANDANA A	Advannce moke Detector using Aurdino
186	1SG20IS022	CHEETHAN S	
187	1SG20IS001	ADARSH C	
188	1SG20IS021	CHANDAN R	
189	1SG20IS009	ANIRUDH N R	
190	1SG20IS007	AKASH KURARA	Total Internal reflection
191	1SG20IS013	B S VINAY KRISHNA	
192	1SG20IS024	DARSHAN S	
193	1SG20IS010	ANKITHA HATWAR K K	
194	1SG20IS011	ANKITHA M S	
195	1SG20IS016	BHAVYA G	Design and Develoment of Floor Cleaning Vacuum Machine
196	1SG20IS018	BHOOMIKA B N	
197	1SG20IS020	CHAITRAASHREE C	
198	1SG20IS002	ADITI ARYA	
199	1SG20IS006	AISHWARYA L	
200	1SG20IS005	AISHWARYA	Home Work writing machine
201	1SG20IS015	BHARATHI D	
202	1SG20IS019	CHAITHRA S	
203	1SG20IS026	DEVIKA V NAYAK	
204	1SG20IS055	NAVNEETH K	
205	1SG20IS059	NISARGA S	Line Follower Robot Using Microcontroller
206	1SG20IS046	KRUTHIKA K P	
207	1SG20IS025	DEEKSHA S	
208	1SG20IS084	SHREERAKSHA GANESH NAIK	
209	1SG20IS058	NIRANJANA SURESH	
210	1SG20IS056	NEHA K	Smart Irrigation using ARDUINO
211	1SG20IS047	LAKSHMITHA N R	
212	1SG20IS057	NIKHIL P JINGADE	
213	1SG20IS054	NAMRATHA H	
214	1SG20IS071	RASHMI PYDIPALLA	
215	1SG20IS062	NISHI SINGH	
216	1SG20IS082	SHARANYA N S	
217	1SG20IS053	NAGAVENI R	
218	1SG20IS049	LOHITH REDDY	
219	1SG20IS052	N CHARAN REDDY	
220	1SG20IS051	MANJUNATHA A	
221	1SG20IS041	K M SUMUKH KASHYAP	
222	1SG20IS042	K RAGHU	
223	1SG20IS027	DHANUSH V R	
224	1SG20IS043	VIRUPAKSHAPPARODAGAI	
225	1SG20IS113	VIPIN KUMAR YADAV	
226	1SG20IS003	ADITYA KUMAR GUPTA	

227	1SG20EE010	GANAVIL	Wireless Power Transmission Using Mutual Inductance
228	1SG20EE011	HARSHITH M K	
229	1SG20EE012	HEMANTH S	
230	1SG20EE013	JAYASHREE B G	
231	1SG20EE014	KAVYA S JEVARGI	
232	1SG20EE015	M V HARSHITHA	
233	1SG20EE016	MADHUSUDANA K J	
234	1SG20EE017	MADHUSUDHAN V	
235	1SG20EE018	MANJUNATH B P	
236	1SG20EE019	MOHAN S	
237	1SG20EE025	RAJESHWARI CH	Free Energy Generator Using Magnet
238	1SG20EE033	USHA R	
239	1SG20EE020	NANDINI N	
240	1SG20EE022	POOJA J R	
241	1SG20EE038	YASHASWINI S	
242	1SG20EE024	PRERNA SHARMA	
243	1SG20EE035	VINUTH H S	
244	1SG20EE036	VINUTH KUMAR A	
245	1SG20EE030	SUDEEP T G	
246	1SG20EE021	NITEESH S S	Auto Fire Sprinkler System
247	1SG20EE023	PRAGATHI NR	
248	1SG20EE027	SATHVIK H R	
249	1SG20EE028	SIRALI SINGH	
250	1SG20EE031	SUJAY R	
251	1SG20EE032	SUMANTH Y	
252	1SG20EE034	VARSHA K V	
253	1SG20EE037	VISHWANATH GOWDA M V	
254	1SG20EE039	YESHWANTH GOWDA S M	
255	1SG20EE001	ADITYA ANAND HAVALI	water Level Indicator
256	1SG20EE002	AKSHATHA B	
257	1SG20EE003	ANANYA R	
258	1SG20EE004	CHETHAN KUMAR G	
259	1SG20EE005	CHETHANA N	
260	1SG20EE026	SANTHOSH G R	
261	1SG20EE006	DEEPA SHELKEY S	
262	1SG20EE007	DIVYA SHREE A H	
263	1SG20EE008	GAGAN M N	
264	1SG20EE009	GAGAN SHAMBA PATAGAR	


HOD, DEPT. of PHYSICS

Dr. Jagadeesha Gowda.G.V

Msc, BEd, M.Phil, PhD

Professor & Head

Department of Physics

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DEPARTMENT OF CHEMISTRY

Sl.No.	USN	NAME	TITLE
1	1SG20EC088	SAHANA C	GREENHOUSE ENVIRONMENT CONTROLLING WITH MONITORING ON ANDROID APPLICATION
2	1SG20EC089	SAHANA M	
3	1SG20EC099	SRIDEVI M	
4	1SG20EC097	VAACHASPATHY	
5	1SG20EC108	RUDRESH T	
6	1SG20EC024	DEEKSHA V	AUTOMATIC TRAFFIC RULE VIOLA DETECTION AND NUMBER PLATE RECOGNITION
7	1SG20EC027	DEEPIKA M	
8	1SG20EC029	DHARMIGA P	
9	1SG20EC030	DHRUVITHA L	
10	1SG20EC036	HAFSA TABASSUM	
11	1SG20EC110	U.B.THARUN KUMAR	HALF WAVE RECTIFIER DESIGN (WORKING MODEL)
12	1SG20EC094	SHASHANK B J	
13	1SG20EC105	SUPRITHA M	
14	1SG20EC026	DEEPASHREE R S	
15	1SG20EC084	RAKSHITHA A	WORKING MODEL OF VACUUM CLEANER
16	1SG20EC081	PRAVEEN J KOTHARKAR	
17	1SG20EC083	RAJESH H S	
18	1SG20EC025	DEEPAK RM	
19	1SG20EC072	NAVEEN L N	SOLAR INVERTER
20	1SG20EC073	NIKILESH K G	
21	1SG20EC074	PAVAN G	
22	1SG20EC075	PAYAL YATI	
23	1SG20EC120	VISHNU VAIBHAV S	FULL WAVE BRIDGE RECTIFIER
24	1SG20EC028	DHARANI K H	
25	1SG20EC118	VINOD C	
26	1SG20EC096	SHIVANI R	
27	1SG20EC121	YUVARAJ S	
28	1SG20EC111	UME HANEY.S OLEKAR	FREE ENERGY GENERATOR MAGNETIC COIL
29	1SG20EC112	V.SUMANTH	
30	1SG20EC113	VARSHITHA.M	
31	1SG20EC033	GANESH.A.N	
32	1SG20EC093	SANKEERNA.C	
33	1SG20EC090	SAHANA.P	ARTIFICIAL INTELLIGENCE
34	1SG20EC091	SAMPATH KUMAR.S	
35	1SG20EC098	SINCHANA.B	
36	1SG20EC101	SUHAS.K.M	

37	1SG20EC103	SUJAY.B.K	LIGHT FIDELITY (LI-FI)
38	1SG20EC106	SWATHI P	
39	1SG20EC104	SUPRITH MADGI	
40	1SG20EC100	SRINIDHI	
41	1SG20EC109	TEJASWINI	
42	1SG20EC102	SUJANA H A	WORKING MODEL OF FREE ENERGY FRO SALTWATER
43	1SG20EC087	S SUHAS	
44	1SG20EC092	SANJAY S	
45	1SG20EC116	VARUN TEJA.M	LASER SECURITY SYSTEM
46	1SG20EC119	VISHAL KUMAR	
47	1SG20EC117	VEERESH H	
48	1SG20EC061	MS VIBHA	
49	1SG20EC032	GANASHREE L	
50	1SG20BT022	GANAVI	2 STROKE ENGINE
51	1SG20BT034	NIRANJAN	
52	1SG20BT036	NITEESH	
53	1SG20BT039	PRATHIKSHA	
54	1SG20BT027	NARAHARI	
55	1SG20BT021	G L NIKHIL KUMAR REDDY	RATIONAL DRUG DESIGN
56	1SG20BT023	GAYATHRI S	
57	1SG20BT040	PRAVALIKA K V	
58	1SG20BT038	POOJA M	
59	1SG20BT030	KRUTHI J	
60	1SG20BT014	DANUSH P	CEMENTITOUS MATERIAL FROM AGRO-WASTE
61	1SG20BT015	DEEKSHITA M	
62	1SG20BT016	DEEPIKA P	
63	1SG20BT017	DEEPTHI P M	PHARMACOGENOMICS
64	1SG20BT031	NAMITA KRISHNAKUMAR	
65	1SG20BT041	PRIYANKA V	
66	1SG20BT055	SWATHI BHARADWAJ R	
67	1SG20BT042	RAKSHA K	LACTIC ACID FERMENTATION
68	1SG20BT052	SMRITHI B	
69	1SG20BT053	SUDIKSHA K KUMAR	
70	1SG20BT054	SUSHMA S	
71	1SG20BT055	SWATHI P	HYDROPONICS
72	1SG20BT047	NANDAN	
73	1SG20BT048	SANGEETHA	
74	1SG20BT049	SANJANA SS	
75	1SG20BT050	SAVITHA M	DNA MODEL
76	1SG20BT056	TANUKUMAR C	
77	1SG20BT057	UPPUTURI JAHNAVI	
78	1SG20BT061	VIBHA SAMARTHA	
79	1SG20BT059	VARSHITHA N R	

80	1SG20BT058	VAMSHITHA R SHETTY	
81	1SG20BT060	VARUN S	
82	1SG20BT051	SHARON RAJ	
83	1SG20BT035	NISCHITHA KS	GEL ELECTROPHORESIS
84	1SG20BT007	ANANYA B S	
85	1SG20BT043	RAKSHA S	
86	1SG20BT044	RAKSHITH R	
87	1SG20BT045	RANJITHA C M	BIOGAS POWER PLANT
88	1SG20BT046	RUMANA BANU	
89	1SG20BT018	DHANUSH H S	
90	1SG20BT019	DHARANI G	ORGANIC FARMING
91	1SG20BT020	DIVYA K N	
92	1SG20BT010	BHOOMIKA B V	
93	1SG20BT011	CHAITHRA SHREE A	
94	1SG20BT012	CHETAN KAGINELLI	PROTEIN PROFILING
95	1SG20BT013	CHETHANA R	
96	1SG20CV026	SUJAY GOWDA G	
97	1SG20CV027	SUMA S	
98	1SG20CV028	TARUN K	EARTHQUAKE ALARM
99	1SG20CV029	TEJAS M	
100	1SG20CV019	ROHAN M	
101	1SG20CV018	RAKSHITHA R	RAIN WATER HARVESTING
102	1SG20CV016	PRATHIKSHA P	
103	1SG20CV012	MOHAMMAD HAZIQ	
104	1SG20CV015	NISARGA S S	
105	1SG20CV008	LOHITH BABU.K	HYDRAULIC TRAFFIC REDUCE SYSTEM
106	1SG20CV010	KISHAN S	
107	1SG20CV014	NEHA T M	
108	1SG20CV004	BHOOMIKA D R	
109	1SG20CV003	ANAND	
110	1SG20CV005	DHANUSH L K	WORKING PROJCT OF HYDRAULIC BRIDGE FOR HIGHWAYS
111	1SG20CV006	HARSHAVARDHAN M	
112	1SG20CV009	KARTHIK K J	


HOD, DEPT. OF CHEMISTRY
Dr. B.S. KRISHNA
Professor & Head
Department of Chemistry
Sapthagiri College of Engineering
Rajahmundry - 530 057.

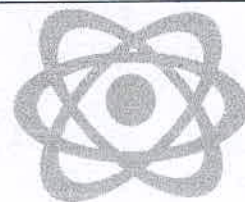
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Department of Physics



Photon Club



P-Cycle (CSE/ISE/EEE)

A Y/Semester: 2020-21/Odd

"Mini-Project"

AIR GUN

By

Sl No	Branch/Semester	Name of student	Signature
1	1 st Semester Computer Science	Pavithra H(CS075)	<i>Pavithra</i>
2	1 st Semester Computer Science	Poornima T(CS076)	<i>Poornima</i>
3	1 st Semester Computer Science	Pramod Kumar S J(CS078)	<i>Pramod</i>
4	1 st Semester Computer Science	Praveen Kumar N(CS079)	<i>Praveen</i>
5	1 st Semester Computer Science	Punith S(CS081)	<i>Punith</i>
6	1 st Semester Computer Science	Shreya Shetty S(CS092)	<i>Shreya</i>

Under the Supervision of

Proctor Signature

Mrs. Shashikala B S

Class Teacher

Mrs. Shashikala B S

P-Cycle Co-coordinator Signature

Dr. Jagadeesha Gowda G.V

Dr. Jagadeesha Gowda G.V

MSc, BEd, M Phil, PhD

Professor & Head

Department of Physics

Sapthagiri College of Engineering

Bengaluru-560 057.

Principal
Sapthagiri College of Engineering
14/5, Chikkasandra, Hesaraghatta Main Road
Bengaluru - 560 057

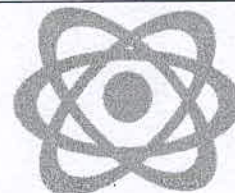
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Department of Physics



Photon Club



P-Cycle (CSE/ISE/EEE)

A Y/Semester: 2020-21/Odd

"Mini-Project"

POWERFUL HYDRAULIC JACK

By

Sl No	Branch/Semester	Name of student	Signature
1	1 SEM CSE	PAVITHRA B L	
2	1 SEM CSE	PRADEEPKUMAR S	
3	1 SEM CSE	PREETHAM S G	
4	1 SEM CSE	S VINODKUMAR	
5	1 SEM CSE	SANGEETHA J	
6	1 SEM CSE	SHILPA G P	
7	1 SEM CSE	SHRAVAN L	

Under the Supervision of

Proctor Signature

MS SHASHIKALA B S

Class Teacher Signature

MS SHASHIKALA B S

P-Cycle Co-coordinator Signature

Dr. Jagadeesha Gowda G.V

Dr. JAGADEESHA GOWDA G V
Ms. B. E. N. S. N. PhD
Professor & Head

Department of Physics
Sapthagiri College of Engineering
Bengaluru-560 057.

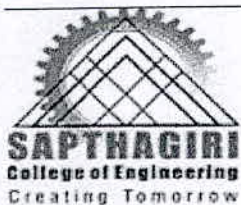
Principal

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14/5, Chikkasandra, Hesaraghatta Main Road
Bengaluru - 560 057

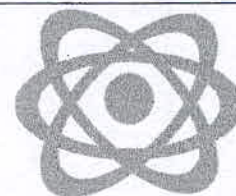
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Department of Physics



Photon Club



P-Cycle (CSE/ISE/EEE)

A Y/Semester: 2020-21/Odd

"Mini-Project"

DC MOTOR WATER PUMP

By

Sl No	Branch/Semester	Name of student	Signature
1	CSE /1 ST SEM	SHARATH Y P	
2	CSE /1 ST SEM	S MEHAK AFREEN	
3	CSE /1 ST SEM	PAVAN RAJESH	
4	CSE /1 ST SEM	SHILPA BIRADAR	
5	CSE /1 ST SEM	SAHANA N	
6	CSE /1 ST SEM	RAKSHITH G C	
7	CSE /1 ST SEM	SHIVUROOPESH M	
8			
9			
10			
11			
12			

Under the Supervision of

Proctor Signature

Mrs SHASHIKALA B S

Class Teacher Signature

Mrs SHASHIKALA B S

P-Cycle Co-coordinator Signature

Dr. Jagadeesha Gowda G.V

M.Sc. BEd, M.Tech, PhD
Dr JAGADEESHA GOWDA GV
Professor & HOD

Principal

Sapthagiri College of Engineering
14/5, Chikkasandra, Hesaraghatta Main Rd
Bengaluru - 560 057

MINI PROJECT

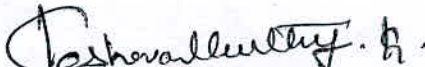
WORKING MODEL OF

HEART

COMPUTER SCIENCE AND ENGINEERING

- | | |
|------------------|--------------------|
| 1. Chandana.V | <u>Chandana.V</u> |
| 2. Nisarga.S | <u>Nisarga.S</u> |
| 3. Nikshitha.K | Nikshitha.K |
| 4. DEEPTHI HEGDE | Deepti. |
| 5. ARCHANA.S | <u>Archana.S</u> |
| 6. BHOMIKA.D.K | <u>Bhoomika.DK</u> |


PROCTOR SIGN


CLASSTEACHER SIGN
(Dr. KESHAVANURTHY.K)


P-cycle Coordinator Signature
Dr. Jagadeesh Gowda G.V.
MSc, PhD, M.Tech, P.h.D
Professor & Head
Department of Physics
Sapthagiri College of Engineering
Bengaluru-560 057.


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Sapthagiri College of Engineering
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Bengaluru - 560 057

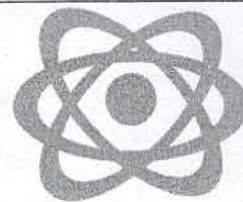
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Department of Physics



Photon Club



P-Cycle (CSE/ISE/EEE)
21/Odd

A Y/Semester: 2020-

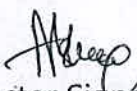
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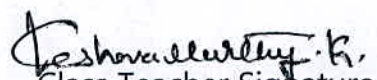
ECO-LIST

By

Sl No	Branch/Semester	Name of student	Signature
1	CSE/1	KISHAN KUMAR	Kishan Kumar
2	CSE/1	RISHAV ANAND	Rishav
3	CSE/1	PRAMIT KUMAR MANDAL	Prमित
4	CSE/1	BADAL KUMAR	Badal Kumar
5	CSE/1	GAURAV YADAV	Gaurav
6	CSE/1	N. PANDU RANGE GOWD	N. Pandu Range Gowd
7	CSE/1	NAVNEET NAMAN	Navneet

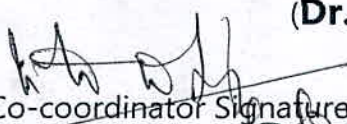
Under the Supervision of : Mr. A M Mahesha


Proctor Signature


Class Teacher Signature

(Mr. A M Mahesha)

(Dr. Keshavamurthy K)


P-Cycle Co-coordinator Signature

Dr. Jagadeesha Gowda G.V

(Dr. Jagadeesha Gowda G. V.)

Professor & Head
Department of Physics

Sapthagiri College of Engineering

Bengaluru-560 057.


Principal
Sapthagiri College of Engineering
14/5, Chikkasandra

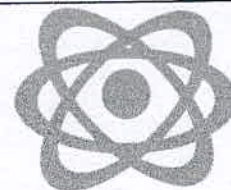
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Department of Physics



Photon Club



P-Cycle (CSE/ISE/EEE)

A Y/Semester: 2020-21/Odd

"Mini-Project"

PENCIL LEAD WATER LEVEL INDICATOR.

By

SI No	Branch/Semester	Name of student	Signature
1	1 SEM CSE	AISHWARYA SINGH	
2	1 SEM CSE	SAKSHEE SINGH	
3	1 SEM CSE	TSEWANG CHOSKIT	
4	1 SEM CSE	SUKHPREET SINGH	
5	1 SEM CSE	RITIK RAJ	
6	1 SEM CSE	VIPIN K S	
7	1 SEM CSE	VISHWAS H R	

Under the Supervision of

Proctor Signature

MR MURALI KRISHNA K

Class Teacher Signature

MS SHASHIKALA B S

P-Cycle Co-ordinator Signature

Dr. JAGADEESHA GOWDA G.V
MSc, BEd, M.T.S., PhD

Professor & Head
Department of Physics
Sapthagiri College of Engineering
Bengaluru-560 057.
Table of Contents

Principal

Sapthagiri College of Engineering
14/5, Chikkasandra, Hosanghatti Main Road
Bengaluru

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Department Of Physics

PHOTON CLUB

A Y/Semester:2020-21/Odd

P-Cycle [CSE]

"MINI PROJECT"

HARMONOGRAPH

By

SL.NO	BRANCH/SEMESTER	NAME OF STUDENTS	SIGNATURE
01	CSE / 1 st Semester	Ujwal Gowda .V	<i>Ujwal Gowda .V</i>
02	CSE / 1 st Semester	Suryakanth	<i>Suryakanth</i>

Under the supervision of

[Signature]
Proctor signature
[Mr. Murali Krishna]

[Signature]
Class Teacher signature
[Mrs. Shashikala.B.S]

[Signature]
P – Cycle Coordinator signature
[Dr. Jagadeesha Gowda G.W]
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Professor & Head
Department of Physics
Sapthagiri College of Engineering
Bengaluru-560 057.

[Signature]
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Bengaluru - 560 057



SAPTHAGIRI COLLEGE OF ENGINEERING

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NEW DELHI)

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PHOTON CLUB

SCIENCE IS THE POETRY OF REALITY

MAGNETIC PRIMER DESIGNER

DONE BY:

APOORVA V (CS007) *Apoorva*

CHANDANA DS (CS020) *Chandana*

DIVYA N (CS031) *Divya*

AISHWARIYA LAKSHMI (CS040) *Aishwarya*

SNEHA SHEKAR (CS051) *Sneha*

NUHUSHAN SHAREEF S (CS059) *Nuhushan*

BRANCH: CSE (IST SEM A-SECTION)

DATE OF SUBMISSION : 18TH FEBRUARY 2021

B
Principal
Sapthagiri College of Engineering
14/5, Chikkasandra, Hosaraghatta Main Road
Bengaluru - 560 057

Bhavya N.P.
PROCTOR SIGNATURE

Keshavamurthy R.
CLASS TEACHER SIGNATURE
Dr. KESHAVAMURTHY. R.

Dr. Jagadeesha Gowda
P- CYCLE CO-ORDINATOR SIGNATURE

Dr. Jagadeesha Gowda
M.Sc., B.Ed., M.Phil., Ph.D.
Professor & HOD
Department of Physics
Sapthagiri College of Engineering
Bengaluru - 560 057

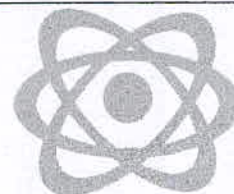
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Department of Physics



Photon Club



P-Cycle (CSE/ISE/EEE)

A Y/Semester: 2020-21/Odd

"Mini-Project"

FREE ENERGY GENERATOR

By

Sl No	Branch/Semester	Name of student	Signature
1	CSE 1-A	Devadutta B R	
2	CSE 1-A	Aditya Adiga K	
3	CSE 1-A	Kumar Swamy B U	
4	CSE 1-A	Chandu T R	
5	CSE 1-A	Nagaraju K	
6	CSE 1-A	Bharath Gowda S	
7			
8			
9			
10			
11			
12			

Under the Supervision of

Proctor Signature

(Name) KAVYA H.P.

Class Teacher Signature

(Name)

P-Cycle Co-coordinator Signature

Dr. Jagadeesha Gowda G.V

(Name) MSc, BEd, M.Phil, PhD
Professor & Head

Department of Physics

1 Department of Physics, SCE

Sapthagiri College of Engineering
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Principal

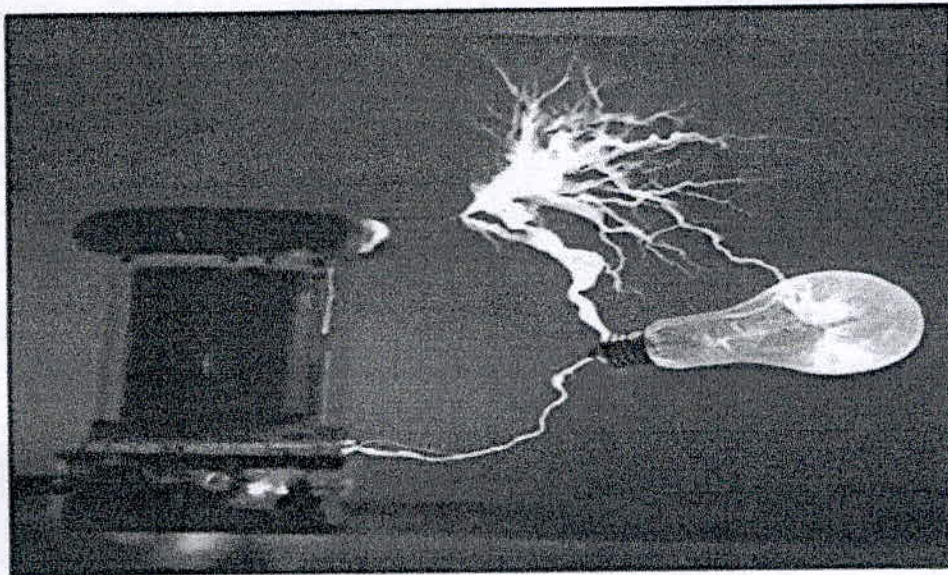
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14/5, Chikkasandra, Hesaraghatta Main Road
Bengaluru - 560 057

SAPTHAGIRI COLLEGE OF ENGINEERING.

PHYSICS PROJECT

:PROJECT TITLE:

MODEL OF WIRELESS POWER TRANSMISSION



:PREPARED BY:

Hruthkarsha D S, Divya B S, Jyothi N, Chaithra D,
Kumudha, Arpitha

GROUP NO:5

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING



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Department of Physics



Photon Club



P-Cycle (CSE/ISE/EEE)

A Y/Semester: 2020-21/Odd

"Mini-Project"

FREE ENERGY PRODUCTION USING SALT WATER

By

Branch/semester	Name of student	Signature
CSE/1	ABHISHEK G B	Abhishek G.B
CSE/1	ABHISHEK K J	Abhishek K.J
CSE/1	CHANDAN C S	Chandan C.S
CSE/1	DHANRAJ P	Dhanraj P
CSE/1	GANESH H P	Ganesh H.P
CSE /1	PAVAN KUMAR P	Pavan K.P

Under the supervision of: Dr .keshavamurthy .K

Proctor signature.

(Dr.keshavamurthy.k).

Class teacher signature

(Dr.keshavamurthy.k)

P-cycle coordinator signature.
Dr.Jagadeesha Gowda
(Dr. Jagadeesha Gowda, Ph.D)
Professor & Head
Department of Physics
Sapthagiri College of Engineering
Bengaluru-560 057.

Principal
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PHOTON CLUB

Imagine Invent Inspire

LIGHT FOLLOWING ROBOT

Done by

ANKUSH GOWDA R

SANTHOSH D

VIVAN KUSHAL

SARAVANAN K

LIKHITH B

KAVIRAJ J

BRANCH : CSE (1ST SEM A SECTION)

DATE OF SUBMISSION : 19-02-2021

Bharya N.P
PROCTOR SIGNATURE

Jeshanul Karim
CLASS TEACHER SIGNATURE

Dr. Jagadeesh Gowda
P- CYCLE CO-ORDINATOR SIGNATURE
Professor & Head
Department of Physics
Sapthagiri College of Engineering
Bengaluru-560 057.

B
Principal
Sapthagiri College of Engineering
14/5, Chikkasandra, Hesaraghatta Main Road,
Bengaluru - 560 057

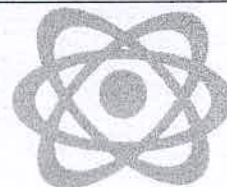
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Department of Physics



Photon Club



P-Cycle (CSE/ISE/EEE)
21/Odd

A Y/Semester: 2020-

"Mini Project"

Title of the Mini-Project (Optical Box)

By

Sl No	Branch/Semester	Name of student	Signature
1	CSE- 1 st Sem	Arya Sinha	<i>Arya Sinha</i>
2	CSE- 1 st Sem	Deepti Kulkarni	<i>Deepti Kulkarni</i>
3	CSE- 1 st Sem	Monisha P S	<i>P. S. Monisha</i>
4	CSE- 1 st Sem	Aveek Chakraborty	<i>A. Chakraborty</i>
5	CSE- 1 st Sem	Jishnu Jayadevan	<i>Jishnu Jayadevan</i>
6	CSE- 1 st Sem	Ganesha S.	<i>Ganesha S.</i>

Under the Supervision of

Dr. Reshavamurthy R.
Proctor Signature

Dr. RESHAVAMURTHY. R.
(Name)

Dr. Reshavamurthy R.
Class Teacher Signature

Dr. RESHAVAMURTHY. R.
(Name)

Dr. Jagadeesha Gowda G.V.
P-Cycle Co-coordinator Signature

Dr. Jagadeesha Gowda G.V.
(Name) MSc, BEd, M.Phil, PhD

Professor & Head
Department of Physics
Sapthagiri College of Engineering
Bengaluru-560 057.

Principal

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Bengaluru - 560 057

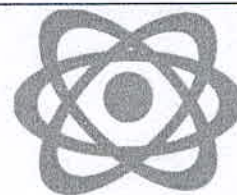
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Department of Physics



Photon Club



P-Cycle (CSE/ISE/EEE)

A Y/Semester: 2020-21/Odd

TITLE OF THE MINI-PROJECT

WATER SENSING ALARM

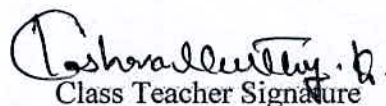
By:-

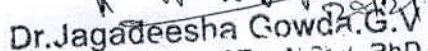
<u>Sl.No</u>	<u>Branch/Semester</u>	<u>Name of the student</u>	<u>Signature</u>
1	CSE/1 st Sem A	Akshay Kumar Joshi	Akshay Kumar Joshi
2	CSE/1 st Sem A	Anstin George	Anstin George
3	CSE/1 st Sem A	Fahad Mohammed	Fahad Mohammed
4	CSE/1 st Sem A	Hriday Thapa	Hriday Thapa
5	CSE/1 st Sem A	Jayanth.M	Jayanth.M
6	CSE/1 st Sem A	P.Shashank	P. Shashank

Under the Supervision of


Proctor Signature

RAVYA H.P.


Class Teacher Signature


Dr. Jagadeesha Gowda G.V.

Msc, BEd, M.Phil, PhD.

Professor & Head
Department of Physics

Sapthagiri College of Engineering
Bengaluru-560 057.

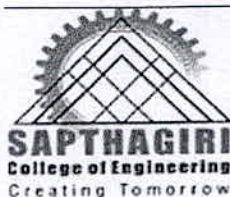
Principal


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Bengaluru - 560 057

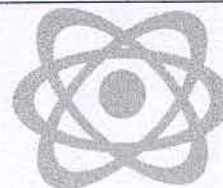
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Department of Physics



Photon Club



P-Cycle (CSE/ISE/EEE)

A Y/Semester: 2020-21/Odd

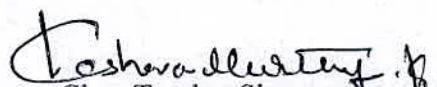
BASIC ELECTRIC TRAIN

By

Sl No	Branch/Semester	Name of student	Signature
1	CSE/1	NISHANT P.CHOUHAN	Nishant
2	CSE/1	NAWEEL MANJOOR	Naweel Manjoor
3	CSE/1	PUSHPENDRA KUMAR	Pushpendra
4	CSE/1	ATUL ANAND	Atul Anand

Under the Supervision of : **Mr. A M Mahesha**

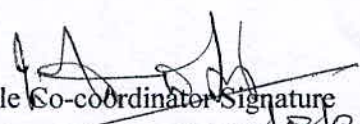

Proctor Signature


Class Teacher Signature

(Mr. A M Mahesha)

(Dr. Keshavamurthy)

K)

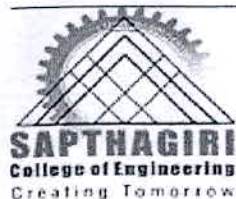

P-Cycle Co-coordinator Signature
Dr. Jagadeesha Gowda G.V.
(Dr. Jagadeesha Gowda G.V.)
Professor & Head
Department of Physics
Sapthagiri College of Engineering
Bengaluru-560 057.


Principal
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Department of Physics



Photon Club



P-Cycle (CSE/ISE/EEE)

A Y/Semester: 2020-21/Odd

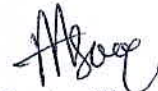
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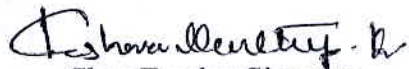
AUTOMATED STREET LIGHTS

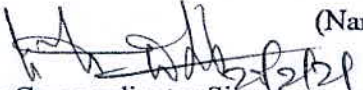
By

Sl No	Branch/Semester	Name of student	Signature
1	CSE/1	Kavya S	Kavya
2	CSE/1	Keerthana S	Keerthana.S
3	CSE/1	Manasa K G	Manasa.K.G
4	CSE/1	Nithyashree H N	Nithyashree.H.N
5	CSE/1	Arpitha M N	Arpitha M.N
6	CSE/1	Archana G	Archana.G

Under the Supervision of


Proctor Signature
A.M. MATHESHA
(Name)


Class Teacher Signature
(Name) Dr. KESHAVAMURTHY.K.


P-Cycle Co-coordinator Signature
Dr. Jagadeesha Gowda.G.V.
M.Sc., B.Ed., M.Phil., Ph.D.
Professor & Head

1 Department of Physics, SCE|

Department of Physics Photon Club_Mini-Project
Sapthagiri College of Engineering
Bengaluru-560 057.


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Bengaluru - 560 057

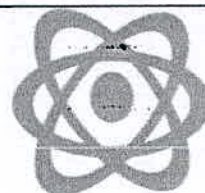
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Department of Physics



Photon Club



P-Cycle (CSE 'A')

A Y/Semester: 2020-21/Odd

A Mini-Project on

"HYDRAULIC BRIDGE"

By

Sl no	Name	Usn	Signature
1	Kushi Shekhar TC	1SG20CS022	Kushi Shekhar
2	Deepthi S	1SG20CS025	Deepthi S
3	Dyuthi AI	1SG20CS032	Dyuthi AI
4	Harshitha J	1SG20CS038	Harshitha
5	Hithaishi S	1SG20CS039	Hithaishi S
6	Kruthi S	1SG20CS047	Kruthi S.

Under The Supervision Of

Bhavya N.P.
Proctor Signature

Mrs. BHAVYA NP
Kavya HP
Ms. KAVYA HP

Keshavamurthy R.
Class teacher signature

Dr. KESHAVAMURTHY K

Jagadeesha Gowda GV
P-Cycle Coordinator Signature

Dr. JAGADEESHA GOWDA GV
M.Sc. B.E. M.Tech. PhD
Professor & HOD
Department of Physics
Sapthagiri College of Engineering
Bengaluru-560 057.

B
Principal
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Bengaluru - 560 057

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AICTE, New Delhi)

Department of Physics



Photon Club



P-Cycle (ISE). A Y/Semester:2020-21/Odd

"Mini-Project"

AUTOMATIC WATER LEVEL INDICATOR

By

SI NO	Branch/Semester	Name of students	Signature
01	ISE/1st Semester	Shyam.G (IS081)	
02	ISE/1st Semester	Shreyas.A.P (IS077)	
03	ISE/1st Semester	Siddharth Singh (IS082)	
04	ISE/1st Semester	Sinchana.G (IS083)	
05	ISE/1st Semester	Shruthi Jaiswal (IS078)	
06	ISE/1st Semester	Srushti Basavaraddi (IS086)	

Under the supervision of

Proctor Signature
(Mrs. Shashikala.B.S).

Class Teacher Signature
(Mrs. Shashikala.B.S)

P-Cycle Coordinator Signature
(Dr. Jagadeesha Gowda.G.V)
Professor & Head
Department of Physics
Sapthagiri College of Engineering
Bengaluru-560 057.

Principal
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14/5, Chikkasandra, Hesarahatta Main Road
Bengaluru

Sapthagiri College of Engineering

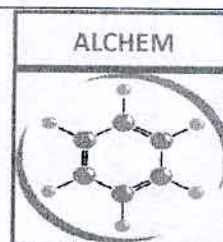
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Department of Chemistry



ALCHEM CLUB



Chemistry-Cycle (ECE/BT/ME/CV)AY/Semester: 2020-21/ I

"Mini-Project"

TRAFFIC CONTROL USING ARDUINO

By

Sl No	Branch	Name of student	Signature
1	ISE	CHANDAN R	
2	ISE	HEMANTH GOWDA M	
3	ISE	DARSHAN S	
4	ISE	CHIRAG TILWANI	
5	ISE	HARDIK SINGH	
6	ISE	MADHUSUDAN	

Under the Supervision of

Project Supervisor / Proctor Signature

(Dr. Guhanthanth K)

Class Teacher Signature

(Nandhini B J)

C-Cycle coordinator/HOD- Chemistry Signature

(Dr. B S Krishna)

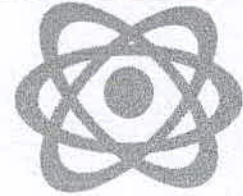
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Department of Physics



Photon Club



P-Cycle (ISE)

I Semester: 2020-21/Odd

"Mini-Project"

Clap Switch Sound Operated Switch For LED

By

Sl No	Branch/Semester	Name of student	Signature
1	ISE/I semester	Ganavi J	
2	ISE/I semester	Jeevitha J Hegde	
3	ISE/I semester	Kruthagna G	
4	ISE/I semester	Prachi Sinha	
5	ISE/I semester	Shruti Kishore	
6	ISE/I semester	Varshitha Y B	
7	ISE/I semester	Yashaswini B N	
8	ISE/I semester	Yashaswini M Kori	
9	ISE/I semester	Yuktha R	

Under the Supervision of

Proctor Signature

(Mrs. Pallavi G A)

Class Teacher Signature

(Mr. Gnanendra D S)

P-Cycle Co-ordinator Signature
Dr. Jagadeesha Gowda G.V

(Dr. Jagadeesha Gowda G.V)
M.Sc., B.Ed., M.Phil., Ph.D.
Professor & Head

Department of Physics

Sapthagiri College of Engineering

Principal

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Bengaluru - 560 057

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Department of Physics



Photon Club



P-Cycle (ISE)

1st Semester: 2020-21/Odd

"Mini-Project"

LIGHT FIDELITY [LI-FI]

BY

Sl No	Branch/Semester	Name of student	Signature
1	ISE/1 ST SEM	HARDIK SINGH	Hardik
2	ISE/1 ST SEM	BHISHAM NARAYAN PANDEY	Bhisham
3	ISE/1 ST SEM	APURVA ANAND	Apurva
4	ISE/1 ST SEM	VASISTA DATTATREYA BHAT	Vasista
5	ISE/1 ST SEM	ADITYA PRAKASH MISHRA	Aditya
6	ISE/1 ST SEM	venu M	Venu M
7	ISE/1 ST SEM	VENKATESH K	Venkatesh K
8	ISE/1 ST SEM	VIVEK C	Vivek
9	ISE/1 ST SEM	VISHAL PATIL	Vishal

Under the Supervision of :

Proctor Signature

(Mrs. PALLAVI G A)

Class Teacher Signature

(MR. GNANENDRA D S)

P-Cycle Co-ordinator Signature

Dr. JAGADEESHA GOWDA G.V.
MSc, BEd, M Phil, PhD
Department of Physics
Sapthagiri College of Engineering
Bengaluru - 560 057.

Principal

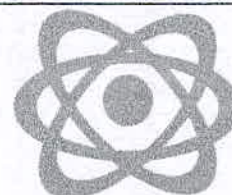
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Bengaluru - 560 057

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Department of Physics



Photon Club



P-Cycle (CSE/ISE/EEE)
21/Odd

A Y/Semester: 2020-

"Mini-Project"

Power Generator DC Dynamo

By

Sl No	Branch/Semester	Name of student	Signature
1	IS/1 st	Shwetha .M	
2	IS/1 st	Shweta.v.jalalpure	
3	IS/1 st	Smitha .S.V	
4	IS/1 st	Shalini.H	
5	IS/1 st	Safiya Bi	
6	IS/1 st	Sneha.E	

Under the Supervision of

Proctor Signature

Mrs. Shashikala.B.S

Class Teacher Signature

Mrs. Shashikala.B.S

P-Cycle Coordinator Signature

Dr. Jagadeesha Gowda.G.V
Dr. Jagadeesha Gowda.G.V
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Bengaluru - 560 057

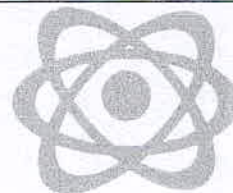
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Department of Physics



Photon Club



P-Cycle (CSE/ISE/EEE)

A Y/Semester: 2020-21/Odd

"Mini-Project"

"MUSIC RHYTHM LED CIRCUIT"

By

Sl No	Branch/Semester	Name of student	Signature
1	ISE 1Semester	RANJITH R	Ranjith R
2	ISE 1Semester	RUTHWIK DJ	Ruthwik D.J
3	ISE 1Semester	SANDESH HN	Sandesh H N
4	ISE 1Semester	SHASHANK M	Shashank M

Under the Supervision of

Proctor Signature

MS.SHASHIKALA B S

Class Teacher Signature

MS. SHASHIKALA B S

P-Cycle Co-coordinator Signature

Dr.Jagadeesha Gowda.G.V

Dr..JAGADEESHA GOWDA.G.V
Msc, BEd, M Phil, PhD
Professor & Head

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Bengaluru - 560 057

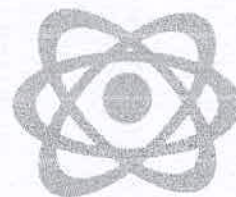
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P-Cycle (ISE)

1ST Semester: 2020-21/Odd

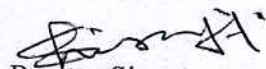
"Mini-Project"

POWER BASED DOOR LOCK SYSTEM

By

Sl No	Branch/Semester	Name of student	Signature
1	1 ST SEM ISE 'B'	Harshith.M.P	Harshith M.P
2		Ganesh.R	Ganesh R
3		Gagan.S.Aditya	Gagan S Aditya
4		Keerthan Kumar Nayak	Keerthan
5		Chirag Tilwani	Chirag Tilwani
6		Dushyanth.R	Dushyanth R.
7		Hemanth Gowda	Hemanth

Under the Supervision of


Proctor Signature

Mr. Shivraj A


Class Teacher Signature

Mr. Devaraja C


P-cycle Co-ordinator signature

Dr. Jagadeesha Gowda G.V
M.Sc, B.Ed, M.Phil, PhD

Professor & Head

Department of Physics

Sapthagiri College of Engineering

Bengaluru-560 057


Principal

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14/5, Chikkasandra, Hesaraaghatta Main Road
Bengaluru - 560 057

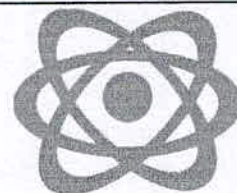
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Department of Physics



Photon Club



P-Cycle (CSE/ISE/EEE)

A Y/Semester: 2020-21/Odd

"Mini-Project"

SMOKE ABSORBER

By

Sl No	Branch/Semester	Name of student	Signature
1	ISE 1 st sem	DISHA S	Disha
2	ISE 1 st sem	DIVYA B.N	Divya B.N
3	ISE 1 st sem	HANSHIKA VIJETA	Hanishika
4	ISE 1 st sem	HITHA R SHETTY	Hitha

Under the Supervision of


Proctor Signature

SHIVARAJ A


Class Teacher Signature

DEVARAJA C


P-Cycle Co-coordinator Signature
Dr. Jagadeesha Gowda, G.V
MSc, BEd, MEd, PhD
Professor & Head
Department of Physics
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Department of Physics



Photon Club



P-Cycle (CSE/ISE/EEE)

A Y/Semester: 2020-21/Odd

"Mini-Project"

WATER PURIFYING BY CHARCOAL PROCESS

By

Sl. No	Branch/Semester	Name of student	Signature
1	ISE/1	PRAVEEN N H	
2	ISE/1	RAHUL ADITHYA B M	
3	ISE/1	PALLAVI V B	
4	ISE/1	SATVIKA K	
5	ISE/1	NISCHITHA S M	
6	ISE/1	PREETI GALAGALI	
7	ISE/1	NISHA SHETTY	
8	ISE/1	RAKSHA	

Under the Supervision of
MR. THEJAS M S

Proctor Signature

(Mr. Thejas M S)

Class Teacher Signature

(Mr. Devaraja C)

P-Cycle Co-coordinator Signature

Dr. Jagadeesha Gowda G.V
(Dr. Jagadeesha Gowda G.V)
Professor & Head

Department of Physics

Sapthagiri College of Engineering
Bengaluru-560 057.

Principal

Sapthagiri College of Engineering
14/5, Chikkasandra, Hesaraghatta Main Road
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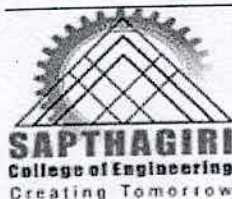
Department of Physics, SCE
Project

Photon Club_Mini-

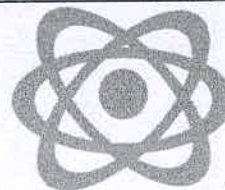
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Department of Physics



Photon Club



P-Cycle (CSE/ISE/EEE)

A Y/Semester: 2020-21/Odd

"Mini-Project"

SOLAR POWERED DUAL HOSE VACUUM CLEANER

By

SI. No	Branch/Semester	Name of student	Signature
1	ISE/1	LAVKESH PRASAD	
2	ISE/1	ANIMESH DWIVEDI	
3	ISE/1	R.S. RAHUL	
4	ISE/1	SACHIN K	
5	ISE/1	NITHIN TS	
6	ISE/1	PAVAN R	
7	ISE/1	NITHIN S R	
8	ISE/1	PRASHANTH L	

Under the Supervision of
MR. THEJAS M S

Proctor Signature

(Mr. Thejas M S)

Class Teacher Signature

(Mr. Devaraja C)

P-Cycle Co-coordinator Signature
Dr. Jagadeesha Gowda G.V
Msc, BEd, MPhil, PhD
(Dr. Jagadeesha Gowda G.V)
Professor & Head

Department of Physics

Principal
Sapthagiri College of Engineering
14/5, Chikkasandra, Hesaraghatta Main Road
Bengaluru - 560 057

1

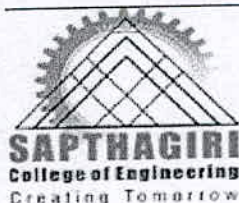
Department of Physics, Sapthagiri College of Engineering
Project
Bengaluru-560 057.

Photon Club_Mini-

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Department of Physics



Photon Club



P-Cycle (CSE/ISE/EEE)

A Y/Semester: 2020-21/Odd

"Mini-Project"

Automatic street light control system

By

SL.No	Branch/Semester	Name of student	Signature
1	ISE/1st	Sukeerthi Reddy K	<i>Sukeerthi</i>
2	ISE/1st	Supriya B	<i>Supriya</i>
3	ISE/1st	Supriya NR	<i>Supriya</i>
4	ISE/1st	Vaishnavi U	<i>Vaishnavi</i>
5	ISE/1st	Suryansh Kumar Srivastava	<i>Suryansh</i>
6	ISE/1st	Suhas S	<i>Suhas</i>
7	ISE/1st	Ujwal N	<i>Ujwal . N</i>

Under the Supervision of

Sumangala S.J
Proctor Signature
Sumangala S.J
(Name)

Shashikala B.S.
Class Teacher Signature
Shashikala B.S.
(Name)

Dr. Jagadeesha Gowda G.V
P-Cycle Co-coordinator Signature
Dr. Jagadeesha Gowda G.V
(Name) B.E., M.Sc., PhD
Professor & Head
Department of Physics
Sapthagiri College of Engineering
Bengaluru-560 057.

B
Principal
Sapthagiri College of Engineering
14/5, Chikkasandra, Hesaraghatta Main Road
Bengaluru - 560 057

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Department of Physics



Photon Club



P-Cycle (ISE)

1st Semester: 2020-21

"Mini-Project"

Laser Security Alarm

By:-

Sl No	Branch/Semester	Name of student	Signature
1	ISE/1st	Sudhash R (IS087)	
2	ISE/1st	Varshitha.S (IS093)	
3	ISE/1st	Sweety bouri (IS094)	
4	ISE/1st	Thanush. TD (IS095)	
5	ISE/1st	Tharun s petkar (IS096)	
6	ISE/1st	Utkarsh kumar (IS098)	
7	ISE/1st	Vandana A (IS100)	

Under the Supervision of

Proctor Signature

(Mrs. Sumangala)

(Dept. of EEE)

Class Teacher Signature

(Mrs. Shashikala B S)

(dept. of Physics)

P-Cycle Co-coordinator Signature
Dr. Jagadeesha Gowda G.V.

Msc, BEd, M Phil, PhD

(Dr. Jagadeesha Gowda G.V.)
Department of Physics

Sapthagiri College of Engineering
Bengaluru-560 057.

Principal

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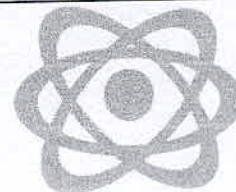
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Department of Physics



Photon Club



P-Cycle (CSE/ISE/EEE)

A Y/Semester: 2020-21/Odd

"Mini-Project"

Advance Smoke Detector Using Arduino

Sl. No.	Branch/Semester	Name of student	Signature
1	ISE 1 st	CHETHAN S	
2		ADARSH C	
3		CHANDAN R	
4		ANIRUDH NR	
5		AKASH KURARA	
6		B S VINAY KRISHNA	
7		DARSHAN S	

Under the Supervision of

Proctor Signature
(Devaraja C)

Class Teacher Signature
(Devaraja C)

P-Cycle Co-coordinator Signature
Dr. Jagadeesha Gowda G.V
(M.Sc., B.Ed., M.Phil., Ph.D.)
Professor & Head
Department of Physics
Sapthagiri College of Engineering
Bengaluru-560 057.

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Bengaluru - 560 057

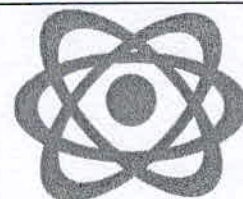
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Department of Physics



Photon Club



P-Cycle (CSE/ISE/EEE)

A Y/Semester: 2020-21/Odd

"Mini-Project"

Total Internal Reflection

Sl. No.	Branch/Semester	Name of student	Signature
1	ISE 1 st	ANKITHA HATWAR K	Ankitha Hatwar KK
2		ANKITHA M S	Ankitha.M.S
3		BHAVYA G	Bhavya.G
4		BHOOMIKA B N	Bhoomika
5		CHAITRAASHREE C	Chaitraashree

Under the Supervision of

Proctor Signature

(Devaraja C)

Class Teacher Signature

(Devaraja C)

P-Cycle Co-coordinator Signature
Dr. Jagadeesha Gowda G.V.
(Dr. Jagadeesha Gowda G.V.)
M.Sc., B.Ed., M.T.S., M.D.

Professor & Head
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Bengaluru-560 057.

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Bengaluru - 560 057

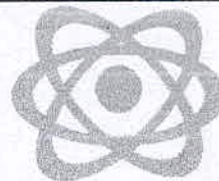
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Department of Physics



Photon Club



P-Cycle (CSE/ISE/EEE)

AY/Semester: 2020-21/Odd

"Mini-Project"

Design and Development of Floor Cleaning Vacuum Machine

By

Sl. No.	Branch/Semester	Name of student	Signature
1	ISE 1 st	ADITI ARYA	<i>Aditya</i>
2		AISHWARYA L	<i>Aishwarya L.</i>
3		AISHWARYA	<i>Aishwarya</i>
4		BHARATHI D	<i>Bharathi D.</i>
5		CHAITHRA S	<i>Chaitra S.</i>
6		DEVIKA NAYAK	<i>Devika</i>

Under the Supervision of


Proctor Signature
(Devaraja C)


Class Teacher Signature
(Devaraja C)

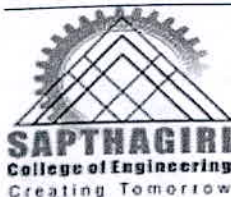

P-Cycle Co-coordinator Signature
(Dr. Jagadeesha Gowda G V)
Dr. Jagadeesha Gowda G.V
Msc, BEd, M Phil, PhD
Professor & Head
Department of Physics
Sapthagiri College of Engineering
Bengaluru-560 057.


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Sapthagiri College of Engineering
14/5, Chikkasandra, Hesaraghatta Main Road
Bengaluru - 560 057

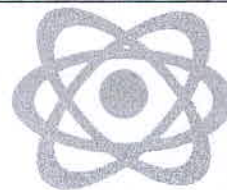
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Department of Physics



Photon Club



P-Cycle (CSE/ISE/EEE)

A Y/Semester: 2020-21/Odd

"Mini-Project"

HOMEWORK WRITING MACHINE

By

Sl No	Branch/Semester	Name of student	Signature
1	TSE - I SEM	NAVNEETH . K.	
2	ISE - I SEM	NISARGA . S	Nisarga.S
3	TSE - I SEM	KRUTHIKA . K.P.	
4	TSE - I SEM	DEEKSHA . S.	
5	TSE - I SEM	SHREERAKSHA . GANESH N.	
6	TSE - I SEM	NIRANTANA . SURESH.	Nirg
7	TSE - I SEM	NEHA . K.	
8	TSE - I SEM	LAKSHMITHA . N.R	
9	TSE - I SEM	NIKHIL . P . JINGADE	
10			
11			
12			

Under the Supervision of

Proctor Signature
Nandini BT
(Name)

Class Teacher Signature

(Name)

DCV Dhanu C.
Msc, BEd, M Ed, PhD
Professor & Head

1 Department of Physics, SCE
Project Sapthagiri College of Engineering
Bengaluru-560 057.

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Bengaluru - 560 057

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Department of Physics



Photon Club



P-Cycle (CSE/ISE/EEE)

A Y/Semester: 2020-21/Odd

"Mini-Project"

Title of the Mini-Project (Smart Irrigation using

By Arduino)

Sl No	Branch/Semester	Name of student	Signature
1	ISE/1 ST SEM	KM.SUMUKH KASHYAP	K.M. Sumukh Kashyap
2	ISE/1 ST SEM	HEMANTH BC	Hemant
3	ISE/1 ST SEM	K.RAGHU	Raghu.K.
4	ISE/1 ST SEM	DHANUSH.VR	Dhanush
5	ISE/1 ST SEM	KARTHIK RODAGAI	Karthik Rodagai
6	ISE/1 ST SEM	VIPIN KUMAR YADAV	Vipin
7	ISE/1 ST SEM	ADITYA KUMAR GUPTA	Aditya

Under the Supervision of

Proctor Signature

MR.SHIVARAJ A

Class Teacher Signature

MR.DEVARAJA C

P-Cycle Co-ordinator Signature

Dr.Jagadeesha Gowda.G.V

MSc, BEd, M.Phil, PhD

Professor & Head

1

Department of Physics, SCE

Department of Physics

Sapthagiri College of Engineering
Bengaluru-560 057.

Photon Club_Mini-Project

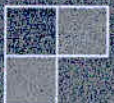
2021

Smart Irrigation Using Arduino



Principal

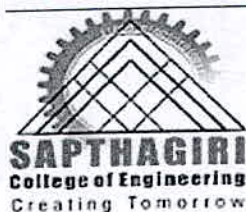
Sapthagiri College of Engineering
14/5, Chikkasandra, Hesarghatta Main Road
Bongalur - 560 057



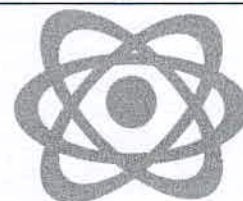
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Department of Physics



Photon Club



P-Cycle (CSE/ISE/EEE)

A Y/Semester: 2020-21/Odd

"Mini-Project"

Wireless power transmission using mutual inductance

BRANCH	SEMESTER	ROLL NO	NAME	SIGNATURE
EEE	I	EE011	Ganavi L	Ganavi L
EEE	I	EE012	Harshith M K	Harshith
EEE	I	EE013	Hemanth S	Hemanth S
EEE	I	EE014	Jayashree B G	Jayashree B.G
EEE	I	EE015	Kavya S Jevargi	Kavya
EEE	I	EE016	M V Harshitha	Harshitha M.V
EEE	I	EE017	Madhusudana K J	Madhusudane
EEE	I	EE018	Madhusudhan V	madhusudhan.v
EEE	I	EE019	Manjunath B P	Manjunath
EEE	I	EE020	Mohan S	Mohan S

Under the Supervision of

Proctor Signature

Gnanendra D S

Class Teacher Signature

Gnanendra D S

P-Cycle Co-coordinator Signature

Dr. Jagadeesha Gowda G.V

Ms. B. E. N. S. L. V. PhD
Professor & Head

Department of Physics

Sapthagiri College of Engineering
Bengaluru-560 057.

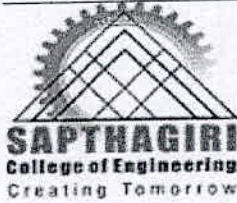
Principal

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Bengaluru

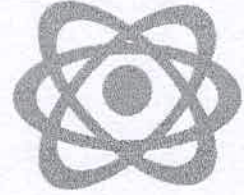
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Department of Physics



Photon Club



P-Cycle (CSE/ISE/EEE)

A Y/Semester: 2020-21/Odd

"Mini-Project"

Title of the Mini-Project - *Free Energy Generator*
By *Using Magnet*

Sl No	Branch/Semester	Name of student	Signature
1	EEE/1	RAJESHWARI CH	<i>Rajeshwari CH</i>
2	EEE/1	USHA R	<i>Usha R</i>
3	EEE/1	NANDINI N	<i>Nandini N</i>
4	EEE/1	POOJA JR	<i>Pooja</i>
5	EEE/1	YASHASWINI S	<i>Yashaswini S</i>
6	EEE/1	PRERNA SHARMA	
7	EEE/1	VINUTH HS	<i>Vinuth HS</i>
8	EEE/1	VINUTH KUMAR	<i>Vinuth Kumar</i>
9	EEE/1	SUDEEP	<i>Sudeep</i>

Under the Supervision of

Proctor Signature

ROOPA K R

Class Teacher Signature

GNANENDRA D S

P-Cycle Co-coordinator Signature

Dr. Jagadeesha Gowda G.V

Msc, BEd, M Phil, PhD

Dr. JAGADEESH GOWDA G V

Department of Physics

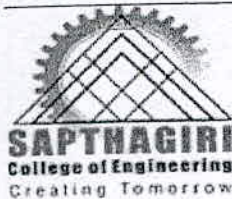
Principal

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Bengaluru - 560 057

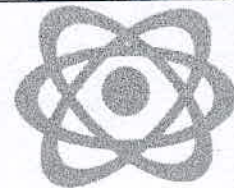
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Department of Physics



Photon Club



P-Cycle (EEE)

I Semester: 2020-21/Odd

"Mini-Project"

AUTO FIRE SPRINKLER SYSTEM

By

Sl No	Branch/Semester	Name of student	Signature
1	EEE/I semester	NITEESH SS	Niteesh
2	EEE/I semester	PRAGATHI NR	Pragathi N.R.
3	EEE/I semester	SATHVIK HR	Sathvik
4	EEE/I semester	SIRALI SINGH	Sirali
5	EEE/I semester	SUJAY R	Sujay
6	EEE/I semester	SUMANTH Y	Sumanth
7	EEE/I semester	VARSHA K V	Varsha K.V
8	EEE/I semester	VISHWANATH GOWDA M V	Gowda
9	EEE/I semester	YESHWANTH GOWDA S M	Yesanth

Under the Supervision of

Proctor Signature

(Mrs. Roopa K R)

Class Teacher Signature

(Mr. Gnanendra D S)

P-Cycle Co-ordinator Signature

Dr. Jagadeesha Gowda G.V.
Msc, B.Ed, M.Phil, PhD

Professor & Head

Department of Physics

Sapthagiri College of Engineering
Bengaluru-560 057.

Principal

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1

Department of Physics, SCE
Project

Photon Club_Mini-

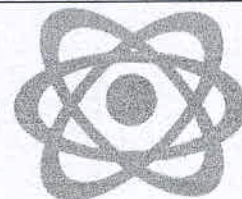
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Department of Physics



Photon Club



P-Cycle (EEE)

1stSemester: 2020-21/Odd

"Mini-Project"

Water Level Indicator

By

Sl No	Branch/Semester	Name of student	Signature
1	EEE / 1 ST Sem	ADITYA A HAVALI	
2	EEE / 1 ST Sem	AKSHATHA B	
3	EEE / 1 ST Sem	ANANYA R	
4	EEE / 1 ST Sem	CHETHAN KUMAR G	Chethan Kumar. G.
5	EEE / 1 ST Sem	CHETHANA N	
6	EEE / 1 ST Sem	SANTHOSH	
7	EEE / 1 ST Sem	S DEEPA SHELKEY	
8	EEE / 1 ST Sem	DIVYASHREE AH	Divya
9	EEE / 1 ST Sem	GAGAN MN	
10	EEE / 1 ST Sem	GAGAN SHAMBA PATAGAR	Gagan Shamba

Under the Supervision of

Proctor Signature

Mr. Gnanendra.D.S

Class Teacher Signature

Mr. Gnanendra.D.S

P-Cycle Co-coordinator Signature

Dr. Jagadeesha Gowda, G.V

M.Sc., B.Ed., M.Phil., Ph.D

Dr. Jagadeesha Gowda, G.V

Department of Physics

Principal

Sapthagiri College of Engineering
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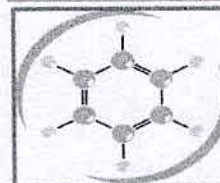
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Department of Chemistry



ALCHEM CLUB

ALCHEM



Chemistry-Cycle (ECE/BT/ME/CV)

AY/Semester: 2020-21 / I

"Mini-Project"

Title of the Mini-Project: GREENHOUSE ENVIRONMENT CONTROLLING
WITH MONITORING ON ANDROID APPLICATION.

By

Sl No	Branch	Name of student	Signature
1	ECE	SAHANA C	<i>Sahana C</i>
2	ECE	SAHANA M	<i>Sahana M</i>
3	ECE	SRIDEVI M	<i>Sridevi M</i>
4	ECE	SHREE KRISHNA VAACHASPATHY	<i>Shree Krishna</i>
5	ECE	RUDRESH T	<i>Rudresh T</i>

Under the Supervision of,

Rashmi H C

Project Supervisor / Proctor Signature

RASHMI H C

(Name)

Anusuya A M

Class Teacher Signature

ANUSUYA A M

(Name)

Sapthagiri College of Engineering

Chikkasandra, Hesaraghatta main Road, Bangalore-560057

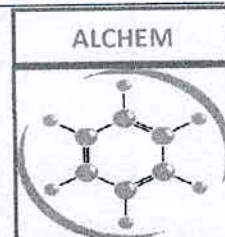
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Department of Chemistry



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Chemistry-Cycle (ECE/BT/ME/CV)AY/Semester: 2020-21/ I

"Mini-Project"

AUTOMATIC TRAFFIC RULE VIOLATION DETECTION AND NUMBER PLATE RECOGNITION

By

Sl No	Branch	Name of student	Signature
1	ECE	DEEKSHA V	Deeksha V
2	ECE	DEEPIKA M	Deepika M
3	ECE	DHARMIGA P	Dharmiga P
4	ECE	DHRUVITHA L	Dhruvitha L
5	ECE	HAFSA TABASSUM	Hafsa

Madhu H.M.
Project Supervisor

Under the Supervision of
Proctor Signature

Krishnegowda Y.H.
Class Teacher Signature

(Name) MADHU H.M

(Name) KRISHNEGOWDA Y.H

C-Cycle coordinator/HOD- Chemistry Signature

Dr. B S Krishna
(Dr. B S Krishna)

Sapthagiri College of Engineering

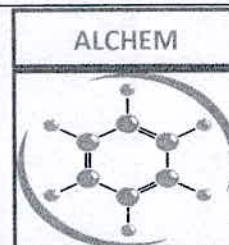
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Chemistry-Cycle (ECE/BT/ME/CV)

AY/Semester: 2020-21 / I

"Mini-Project"

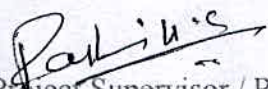
Title of the Mini-Project

Halfwave Rectifier
Design (working model)

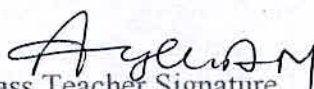
By

Sl No	Branch	Name of student	Signature
1	ECE	U. B THARUN KUMAR	Tharun Kumar
2	ECE	SHASHANK B J	B.J. Shashank
3	ECE	SUPRITHA M	Supritha M
4	ECE	DEEPASHREE R S	Deepashree R.S

Under the Supervision of

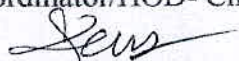

Project Supervisor / Proctor Signature

RASHMI H C


Class Teacher Signature

ANUSUYA A M

C-Cycle Co-coordinator/HOD- Chemistry Signature


Dr. B S Krishna

Sapthagiri College of Engineering

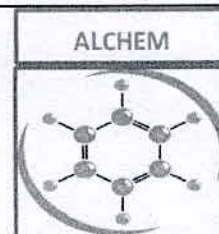
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ALCHEM CLUB



Chemistry-Cycle (ECE/BT/ME/CV)

AY/Semester: 2020-21 / I

"Mini-Project"

Title of the Mini-Project- Working Model of Vacuum Cleaner

By

Sl No	Branch	Name of student	Signature
1	EC/B	Rakshitha A	Rakshitha A
2	EC/B	Praveen J Kotharkar	Praveen J Kotharkar
3	EC/B	Rajesh HS	Rajesh HS
4	EC/B	Deepak RM	Deepak R.M

Under the Supervision of

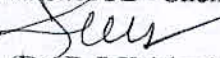
Project Supervisor / Proctor Signature

Class Teacher Signature

(Name) – Anusuya AM

(Name) - Anusuya AM

C-Cycle coordinator/HOD- Chemistry Signature


(Dr. B S Krishna)

Sapthagiri College of Engineering

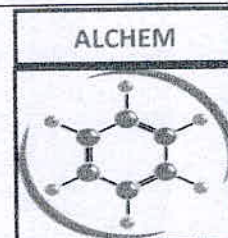
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Chemistry-Cycle (ECE/BT/ME/CV)

AY/Semester: 2020-21 / I

"Mini-Project"

Title of the Mini-Project (Solar Inverter)

By

Sl No	Branch	Name of student	Signature
1	EC	NAVEEN L N	Naveen L. N
2	EC	NIKILESH K G	Nikilesh K. G.
3	EC	PAVAN G	Pavan G.
4	EC	PAYAL YATI	Payal Yati

Under the Supervision of

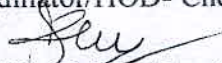
Project Supervisor / Proctor Signature

Class Teacher Signature

(Name)

(Name)

C-Cycle Co-coordinator/HOD- Chemistry Signature


(Dr. B S Krishna)

Sapthagiri College of Engineering

Chikkasandra, Hesaraghatta main Road, Bangalore-560057

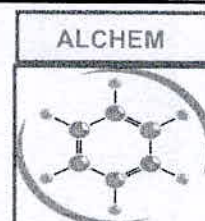
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Department of Chemistry



ALCHEM CLUB



Chemistry-Cycle (ECE)

AY/Semester: 2020-21

"Mini-Project"

Title of the Mini-Project

Full Wave Bridge Rectifier

By

Sl No	Branch	Name of student	Signature
1	ECE	VISHNU VAIBHAV S	Vishnu Vaibhav S
2	ECE	DHARANI K H	Dharani K.H
3	ECE	VINOD C	Vinod C
4	ECE	SHIVANI R	Shivani R
5	ECE	YUVARAJ S	Yuvaraj S

Under the Supervision of

Project Supervisor / Proctor Signature

Name: Santhosh H C

Class Teacher Signature

Name: Anusuya A M

C-Cycle Co-coordinator/HOD- Chemistry Signature

(Dr. B S Krishna)

Sapthagiri College of Engineering

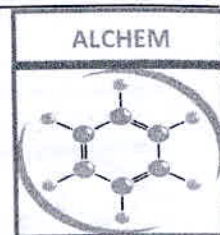
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Department of Chemistry



ALCHEM CLUB



Chemistry-Cycle (ECE/BT/ME/CV)

AY/Semester: 2020-21 / I

"Mini-Project"

FREE ENERGY GENERATOR MAGNETIC COIL

By

Sl No	Branch	Name of student	Signature
1	ECE	UME HANEY.S OLEKAR	Ume Haney
2	ECE	V.SUMANTH	Sumanth
3	ECE	VARSHITHA.M	Varshitha
4	ECE	GANESH.A.N	Ganesh
5	ECE	SANKEERNA .C	Sankeerna C

Under the Supervision of

Project Supervisor / Proctor Signature

SANTHOSH.H.C

Class Teacher Signature

ANUSUYA A M

C-Cycle coordinator/HOD- Chemistry Signature

(Dr. B S Krishna)

Sapthagiri College of Engineering

Chikkasandra, Hesaraghatta main Road, Bangalore-560057

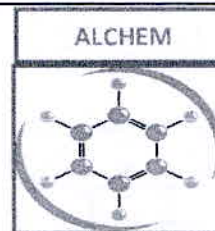
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Department of Chemistry



ALCHEM CLUB



Chemistry-Cycle (ECE/BT/ME/CV)

AY/Semester: 2020-21 / I

"Mini-Project"

Title of the Mini-Project ($L_i - F_i$)

By

Sl No	Branch	Name of student	Signature
1	ECE	Swathi P	
2	ECE	Suprith Madgi	
3	ECE	Srinidhi	
4	ECE	Tejaswini	

Under the Supervision of

Project Supervisor / Proctor Signature

Rashmi H C

Class Teacher Signature

Anusuya A M

C-Cycle coordinator/HOD- Chemistry Signature

(Dr. B S Krishna)

Sapthagiri College of Engineering

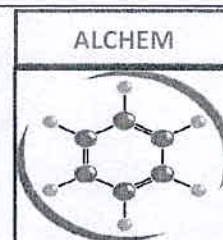
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Department of Chemistry



ALCHEM CLUB



Chemistry-Cycle (ECE-B)

AY/Semester: 2020-21/ I

"Mini-Project"

Laser Security System

By

Sl No	Branch	Name of student	Signature
1	ECE	Varun Teja.M	Varun Teja.M
2	ECE	Vishal kumar	Vishal kumar
3	ECE	Veeresh H	Veeresh H
4	ECE	MS Vibha	MS Vibha
5	ECE	Ganashree.L	Ganashree.L

Under the Supervision of

Project Supervisor / Proctor Signature

(Santhosh H C)

Class Teacher Signature

(Anusuya A M)

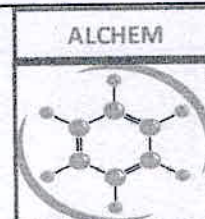
C-Cycle coordinator/HOD- Chemistry Signature

(Dr. B S Krishna)

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Department of Chemistry



ALCHEM CLUB



Chemistry-Cycle (ECE/BT/ME/CV)

AY/Semester: 2020-21 / I

"Mini-Project"

2 STROKE ENGINE

By

Sl No	Branch	Name of student	Signature
1	Biotechnology	Ganavi	<i>Ganavi</i>
2	Biotechnology	Niranjan	<i>Niranjan</i>
3	Biotechnology	Niteesh	<i>Niteesh</i>
4	Biotechnology	Prathiksha	<i>Prathiksha</i>
5	Biotechnology	Narahari	<i>Narahari</i>

Under the Supervision of
 Bindu M G

Project Supervisor / Proctor Signature

Bindu M G
 (Bindu M G)

Class Teacher Signature

(Dr Roopa K P)

C-Cycle coordinator/HOD- Chemistry Signature

Dr. B S Krishna
 (Dr. B S Krishna)

Sapthagiri College of Engineering

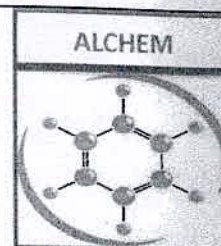
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Department of Chemistry



ALCHEM CLUB



Chemistry-Cycle (BIOTECHNOLOGY)

AY/Semester: 2020-21 / I

"Mini-Project"

RATIONAL DRUG DESIGN

By

Sl No	Branch	Name of student	Signature
1	BIOTECHNOLOGY	G L NIKHIL KUMAR REDDY	
2	BIOTECHNOLOGY	GAYATHRI S	
3	BIOTECHNOLOGY	PRAVALIKA K V	
4	BIOTECHNOLOGY	POOJA M	
5	BIOTECHNOLOGY	KRUTHI J	

Under the Supervision of BINDU MG

Project Supervisor / Proctor Signature

(BINDU M G)

Class Teacher Signature

(DR. K P ROOPA)

C-Cycle coordinator/HOD- Chemistry Signature

(Dr. B S Krishna)

Sapthagiri College of Engineering

Chikkasandra, Hesaraghatta main Road, Bangalore-560057

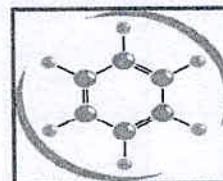
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(ISO 9001 : 2015 & 14001 : 2015 Certified Institution)

Department of Chemistry



ALCHEM CLUB

ALCHEM



Chemistry-Cycle (ECE/BT/ME/CV)AY/Semester: 2020-21/ I

"Mini-Project"

Cementitious Material from Agro-Waste

By

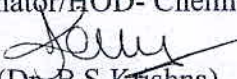
Sl No	Branch	Name of student	Signature
1	Biotechnology	Danush P.	
2		Deekshita M	Deekshita M
3		Deepika P	
4		Deepthi P.M.	Deepthi P.M

Under the Supervision of DR.Roopa K P


Project Supervisor / Proctor Signature
(DR.Roopa K P)


Class Teacher Signature
(DR.Roopa K P)

C-Cycle coordinator/HOD- Chemistry Signature


(Dr. B S Krishna)

Sapthagiri College of Engineering

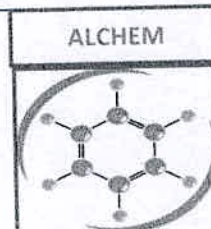
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Department of Chemistry



ALCHEM CLUB



Chemistry-Cycle (ECE/BT/ME/CV)

AY/Semester: 2020-21 / I

"Mini-Project"

Pharmacogenomics

By

Sl No	Branch	Name of student	Signature
1	Biotechnology	Namita Krishnakumar	<i>Namita</i>
2	Biotechnology	Priyanka.V	<i>Priyanka V</i>
3	Biotechnology	Swathi Bharadwaj R	<i>Swathi</i>
4	Biotechnology	Raksha K	<i>Raksha K</i>

Under the Supervision of Bindu MG

Project Supervisor / Proctor Signature

Bindu MG
(Bindu MG)

Class Teacher Signature

Dr. Roopa KP

(Dr. Roopa KP)

C-Cycle coordinator/HOD- Chemistry Signature

Dr. B S Krishna
(Dr. B S Krishna)

Sapthagiri College of Engineering

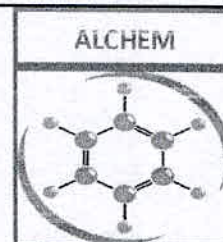
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Department of Chemistry



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Chemistry-Cycle (ECE/BT/ME/CV)AY/Semester: 2020-21/ I

"Mini-Project"

on

Lactic Acid Fermentation

By

Sl No	Branch	Name of student	Signature
1	BT	Smrithi B (1SG20BT051)	
2	BT	Sudiksha K Kumar (1SG20BT052)	<i>Sudiksha</i>
3	BT	Sushma S (1SG20BT053)	<i>Sushma.S</i>
4	BT	Swathi P (1SG20BT054)	<i>Swathi</i>

Under the Supervision of Mrs. KAVYA M V

[Signature]
Project Supervisor / Proctor Signature

(Mrs. Kavya M V)

[Signature]
Class Teacher Signature

(Dr. Roopa K P)

C-Cycle coordinator/HOD- Chemistry Signature

[Signature]
(Dr. B S Krishna)

Sapthagiri College of Engineering

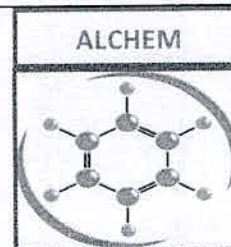
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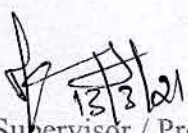
Chemistry-Cycle (ECE/BT/ME/CV)AY/Semester: 2020-21/ I

Mini-Project on "HYDROPONICS"

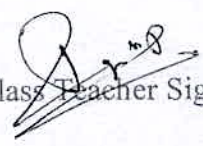
By

Sl No.	Branch	Name of student	Signature
1	Biotechnology	S N MeghaMouryaNandan (1SG20BT047)	
2	Biotechnology	Sangeetha M M(1SG20BT048)	
3	Biotechnology	Sanjana S S (1SG20BT049)	
4	Biotechnology	Savitha M (1SG20BT050)	

Under the Supervision of

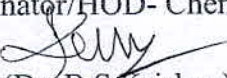
 13/3/21
Project Supervisor / Proctor Signature

Kavya M V


Class Teacher Signature

Dr K P Roopa

C-Cycle coordinator/HOD- Chemistry Signature

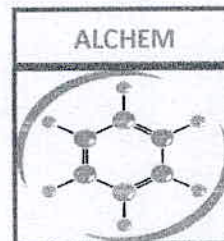

(Dr. B S Krishna)

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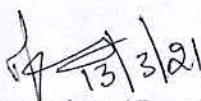
Chemistry-Cycle (ECE/BT/ME/CV)

AY/Semester: 2020-21 / I

"Mini-Project"
DNA MODEL.
By

Sl No	Branch	Name of student	Signature
1	Biotechnology	Tanukumar C	Tanukumar.C
2	Biotechnology	Upputuri Jahnvi	Jahnvi
3	Biotechnology	Vibha Samartha	Vibha Samartha
4	Biotechnology	Varshitha N R	Varshitha.NR
5	Biotechnology	Vamshitha R Shetty	

Under the Supervision of
Kavya M V

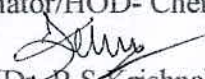

Project Supervisor / Proctor Signature

(Kavya M V)


Class Teacher Signature

(Dr Roopa K P)

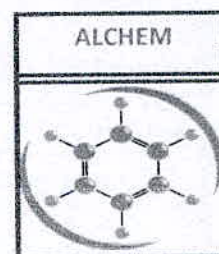
C-Cycle coordinator/HOD- Chemistry Signature


(Dr. B S Krishna)

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Chemistry-Cycle (ECE/BT/ME/CV)

AY/Semester: 2020-21 / I

"Mini-Project"

GEL ELECTROPHORESIS

By

Sl No	Branch	Name of student	Signature
1	BT	VARUN S (1SG20BT059)	
2	BT	SHARON RAJ(1SG20BT061)	
3	BT	NISCHITHA KS(1SG20BT062)	
4	BT	ANANYA BS(1SG20BT063)	

Under the Supervision of

Project Supervisor / Proctor Signature

KAVYA M V

Class Teacher Signature

ROOPA K P

C-Cycle coordinator/HOD- Chemistry Signature

(Dr. B S Krishna)

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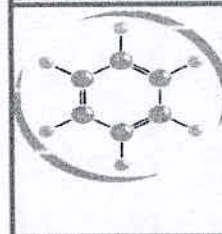
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Department of Chemistry



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ALCHEM



Chemistry-Cycle (ECE/BT/ME/CV)

AY/Semester: 2020-21 / I

"Mini-Project" On BIOGAS POWER PLANT

By

Sl No	Branch	Name of student	Signature
1	BIOTECHNOLOGY	RAKSHA S(1SG20BT043)	Raksha
2	BIOTECHNOLOGY	RAKSHITH R(1SG20BT044)	Rakshith
3	BIOTECHNOLOGY	RANJITHA C M(1SG20BT045)	Ranjitha
4	BIOTECHNOLOGY	RUMANA BANU(1SG20BTO46)	Rumana

Under the Supervision of

Project Supervisor / Proctor Signature

KAVYA M V

Class Teacher Signature

ROOPA K P

C-Cycle coordinator/HOD- Chemistry Signature

(Dr. B S Krishna)

Sapthagiri College of Engineering

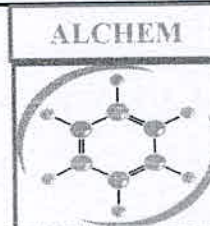
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Chemistry-Cycle (ECE/BT/ME/CV)

AY/Semester: 2020-21 / I

"Mini-Project"

Organic farming

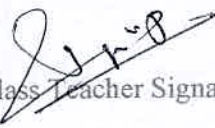
By

Sl No	Branch	Name of student	Signature
1	Biotechnology	Dhanush H S	
2	Biotechnology	Dharani G	
3	Biotechnology	Divya K N	

Under the Supervision of Dr. Roopa K P

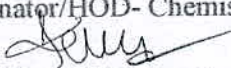
 Project Supervisor / Proctor Signature

(Dr. Roopa KP)

 Class Teacher Signature

(Dr. Roopa KP)

C-Cycle coordinator/HOD- Chemistry Signature


(Dr. B S Krishna)

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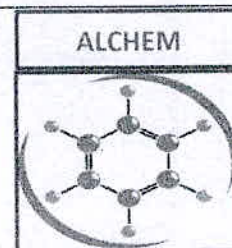
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Chemistry-Cycle (ECE/BT/ME/CV)

AY/Semester: 2020-21 / I

"Mini-Project"

PROTEIN PROFILING

By

Sl No	Branch	Name of student	Signature
1	BIOTECHNOLOGY	BHOOMIKA B V	Bhoomika B.V
2	BIOTECHNOLOGY	CHAITHRA SHREE A	Chaithra Shree A
3	BIOTECHNOLOGY	CHETAN KAGINELLI	Chetan . K
4	BIOTECHNOLOGY	CHETHANA R	Chana R

Under the Supervision of Dr. Roopa K P

Project Supervisor / Proctor Signature

Dr. Roopa K P

Class Teacher Signature

Dr. Roopa K P

C-Cycle coordinator/HOD- Chemistry Signature(Dr. B S Krishna)

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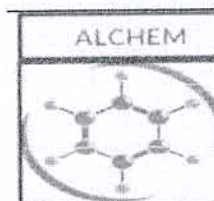
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Chemistry - Cycle
AY/Semester:2020-21/ I

(ECE/BT/ME/CV)

"EARTHQUAKE ALARM"

By

SL NO.	USN	NAME	SIGNATURE
1	1SG20CV023	SUJAY GOWDA G	<i>Sujay Gowda G</i>
2	1SG20CV024	SUMA S	<i>Suma S</i>
3	1SG20CV025	TARUN K	<i>Tarun K</i>
4	1SG20CV026	TEJAS M	<i>Tejas M</i>

Under the Supervision of

Project Supervisor Signature

(Sri. Dr Gurushantha K)

Proctor Signature

(Smt. Anitha Rao)

Class Teacher Signature

(Sri. Ravikantha N)

C-cycle Co-ordinator/HOD-Chemistry Signature

(Sri. Dr B S Krishna)

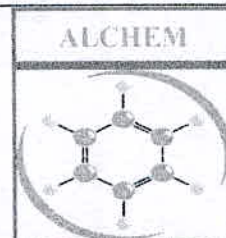
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Chemistry-Cycle (ECE/BT/ME/CV)

AY/Semester: 2020-21/ I

"RAIN WATER HARVESTING"

By

SlNo	Branch	Name of the Student	USN	Signature
01	Civil	Rohan.M	1SG20CV015	
02	Civil	Rakshitha.R	1SG20CV014	
03	Civil	Prathiksha.P	1SG20CV012	

Under the Supervision of

Project Supervisor / Proctor Signature
(Dr. Gurushantha.K.)

Class Teacher Signature
(Prof. Ravikantha.N.)

C-Cycle coordinator/HOD- Chemistry Signature
(Dr. B S Krishna)

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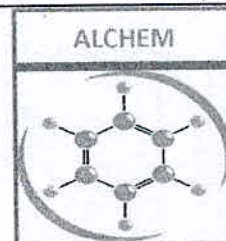
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Chemistry-Cycle (ECE/BT/ME/CV)

AY/Semester: 2020-21 / I

"Mini-Project"

HYDRAULIC TRAFFIC REDUCE SYSTEM

By

SLNO	BRANCH	USN	NAME	SIGNATURE
01	Civil	1SG20CV009	Mohammad Haziq	<i>[Signature]</i>
02	Civil	1SG20CV011	Nisarga.S.S	<i>[Signature]</i>
03	Civil	1SG20CV008	Lohith Babu.K	<i>[Signature]</i>
04	Civil	1SG20CV007	Kishan.S	<i>[Signature]</i>
05	Civil	1SG20CV010	Neha.T.M	<i>[Signature]</i>

Under the Supervision of

Project Supervisor / Proctor Signature

[Signature]
Dr. Gulashantha.K

Class Teacher Signature

[Signature]
Ravikantha.N

[Signature]
C-Cycle coordinator/HOD- Chemistry Signature

(Dr. B S Krishna)

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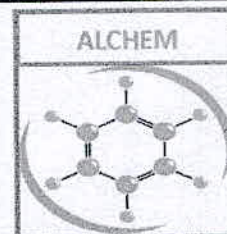
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Chemistry-Cycle (ECE/BT/ME/CV)

AY/Semester: 2020-21 / I

"Mini-Project"

"Working project of hydraulic bridge for highways"
By

Sl No	Branch	Name of student	Signature
1	CIVIL	BHOOMIKA D R	Bhoomika D.R
2	CIVIL	ANAND	Anand
3	CIVIL	DHANUSH L K	Dhanush L.K
4	CIVIL	HARSHAVARDHAN M	Harshavardhan
5	CIVIL	KARTHIK K J	Karthik

Under the Supervision of

Project Supervisor / Practor Signature

GURUSHANTHA K

Class Teacher Signature

RAVIRANTH N

C-Cycle coordinator/HOD- Chemistry Signature

(Dr. B S Krishna)