	TABLE -	1 Firs	t Eng	ginee	ring _	Stru	cture	for S	emest	ter-I				
Course Code	Course Name		achi chem rs/W	ie	E	xami		n Sch arks	eme	and	Credits			
		Theory	Practical	Tutorial	ISE	ESE	ML	PR	OR	Total	нт	PR	TUT	Total
107001	Engineering Mathematics-I	03		01	30	70	25		-	125	03	-	01	04
107002/ 107009	Engineering Physics / Engineering Chemistry	04	02	-	30	70		25	-	125	04	01		05
102003	Systems in Mechanical Engineering	03	02		30	70		25		125	03	01		04
103004 / 104010	Basic Electrical Engineering / Basic Electronics Engineering	03	02		30	70		25		125	03	01		04
110005/ 101011	Programming and Problem Solving / Engineering Mechanics	03	02		30	70		25		125	03	01		04
111006	Workshop [@]		02					25		25		01		01
	Total	16	10	01	150	350	25	125	1	650	16	05	01	22
101007	Audit Course 1 ^{&}	02					Envir	onme	ntal S	tudies-	-I			•

Induction Program: 2 weeks at the beginning of semester-I and 1 week at the beginning of semester-II

TABLE -2 First Engineering_ Structure for Semester-II

Course Code	Course Name		achi chem rs/W	ie	E	xamir		Sche arks	eme a	ınd		Cre	dits	
		Theory	Practical	Tutorial	ISE	ESE	TW	PR	OR	Total	ТН	PR	TUT	Total
107008	Engineering Mathematics-II	04		01	30	70	25			125	04		01	05
107002/ 107009	Engineering Physics/ Engineering Chemistry	04	02		30	70		25		125	04	01		05
103004 / 104010	Basic Electrical Engineering / Basic Electronics Engineering	03	02		30	70		25		125	03	01		04
110005/ 101011	Programming and Problem Solving / Engineering Mechanics	03	02		30	70		25		125	03	01		04
102012	Engineering Graphics $^{\Omega}$	01	02	01		50	2	5		75	01	0	1	02
110013	Project Based Learning [§]	1	04	l	l	1	25	50	l	75		02		02
	Total	15	12	02	120	330	75	125		650	15	05	02	22
101014	Audit Course 2 ^{&}	02				I	Enviro	onmer	ntal St	udies-	II			
107015	Audit Course 2			P	hysic	al Edu	ıcatio	n-Exe	rcise	and Fi	eld A	ctiviti	es	

6. Jensen, C., Helsel, J. D., Short, D. R., (2008), "Engineering Drawing and Design", McGraw-Hill International, Singapore

Guidelines for Laboratory Conduction

Tutorial Session

Can be utilized to teach the basic commands of any drafting package, by using this knowledge students shall be able to complete the five assignments on the CAD software. (Minimum 2 problems in each assignment)

Assignment 1: Construct any Engineering Curve using any method

Assignment 2: Orthographic view of any machine element along with sectional view.

Assignment 3: Draw Isometric view for given orthographic views.

Assignment4: Draw the isometric or Orthographic view of a product/object (For example Workshop Job prepared during the workshop practice or any product developed during the first year session).

Assignment 5: Draw the development of lateral surface of a solid/ truncated solid.

Practical Session

Draw minimum two problems on each assignment on the A3 size drawing sheet.

Suggested List of Laboratory Experiments/Assignments

Assignment 1: Construct any Engineering Curve by any method

Assignment 2: Orthographic view of any machine element along with sectional view.

Assignment 3: Draw Isometric view for given orthographic views.

Assignment 4: Draw the development of lateral surface of a solid/truncated solid

Assignment 5: Draw the isometric or Orthographic view of a product/object (For example Workshop Job prepared during the workshop practice or any product developed during the first year session.)

1	10013: Project Based Learning	
Teaching Scheme:	Credits	Examination Scheme:
PR: 04 Hrs/Week	02	PR : 50 Marks

Preamble:

For better learning experience, along with traditional classroom teaching and laboratory learning; project based learning has been introduced with an objective to motivate students to learn by working in group cooperatively to solve a problem.

Project-based learning (PBL) is a student-centric pedagogy that involves a dynamic classroom approach in which it is believed that students acquire a deeper knowledge through active exploration of real-world challenges and problems. Students learn about a subject by working for an extended period of time to investigate and respond to a complex question, challenge, or problem. It is a style of active learning and inquiry-based learning. (Reference: Wikipedia). Problem based learning will also redefine the role of teacher as mentor in learning process. Along with communicating knowledge to students, often in a lecture setting, the teacher will also to act as an initiator and facilitator in the collaborative process of knowledge transfer and development.

Course Objectives:

- 1. To emphasizes learning activities that are long-term, interdisciplinary and student-centric.
- 2. To inculcate independent learning by problem solving with social context.
- 3. To engages students in rich and authentic learning experiences.
- 4. To provide every student the opportunity to get involved either individually or as a group so as to develop team skills and learn professionalism.

NOTICE

Date:- 14/07/2023

All first-year engineering students are hereby informed that their final term-work submission (SEM-II) is scheduled from Wednesday, July 19, 2023, to Thursday, July 20, 2023. All students have to bring their all-subject certified journals on the same day without fail. The detail schedule is as follows.

Sr.No.	Day and Date	Time	Div.
1	Wednesday, 19/7/2023	10:00 AM To 12:30 PM	A
2	Wednesday, 19/7/2023	1:30 PM To 3:30PM	C
3	Thursday,20/7/2023	10:00 AM To 12:30 PM	В
4	Thursday,20/7/2023	1:30 PM To 3:30PM	D

Note: Defaulter students (attendance less than 75%) are not eligible for TW submission.

· At the time of submission, all college Fees should be clear.

Procedure of submission:-

Journal Checking → certification→ stamp and signature of HOD → stamp and signature of Principal →Punching on file → signature on submission sheet.



Dr. U.V. Shinde Shinde U. V.

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SIDDHANT COLLEGE OF ENGINEERING

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DEPARTMENT OF FIRST YEAR ENGINEERING.

A.V. 2002-23-5mm-fr

DIVISION - A & B

Termwork (Practical Submission Record and 1907/2013)

Sr. Na.	Roll No	Seat No.	Name of Students	M-H	PHY	BLA	PPS	Et.	PHY
1	202	£190440006	ALHAT CHINMAY PRAMOD	Kul	Ano	200	Acho	Alla	A Section
2	101	119044000s	AMBRE SWAPNE DELPAK	Ant.	THE	Am	THE	AND.	STA
. 3	204	1196440012	AYUSHBAG	ans of	Overy	Masing	areay	avery	Company.
40	102	£196440034	BACCHE VASSINAVI CHANDRAKANT	per	A -	AA /	- AA	On-	-01
5	20.3	¥190440036	BAGADI CHANCHAL RAJU	Charelon	Charlet	Charles	Charles	Charlet	Chareld
. 6	104	£196440022	BARLAYUSH SUNU,	distant.	att Bat	######################################	#BBC	Ada	ABO
7	203	F190440022	BHAGAT KSHITIJA KUNDLIK	O3kagpt	(Disapert	Broad	(D) stagest	(D) toged	(Filedon
.6	706	F190440029	BHANGE DIPAELACHYUT	STATI	Lipeli	tipeli	west	well	leti
W 10	105	1196440042	BIDK AR DURVESH DINESH	Many	101571111	NISSILV	MONTH	M223/1/1	West W
10	207	£190440043	BIRADAR ANJALI RAMESH	(Pigali	abjoil	Bhian	Anjan	Amour	BUBIT
11	100	F390440046	BISWAS BISHAKHA BASUDEV	Rukakho	Bishakter	weens	Williak he	Beingen	Britans.
12	125	£19044004T	BOBADE AARYA MURLIDHAR	toxyg.	Jorya	10939	Jareno	-tongg.	-tongy
13	208	F190440048	BOCHARE AISHWARYA SANJAY	Mhineya	Mineya	Ashioseye	Hohiorya	dishoo Egg	Muney
740	107	F190440050	BOROLE SAKSHI GHANASHYAMDAS	* male	# oyeu	touche	- districte	-thouse	- Sprole
15	209	F19044005E	CHAUDHARY VAISHNAVI BALISTER	Thoughan	Selfrodhory	samudhamy	- Morauchan	Valoudha	Mainhar
16	108	F190440059	CHAURAN SUMERSINGH JAGANNATHSINGH	Sou	2	2000	Said.	Short	Show.
17	210	F190440061	CHAVAN VISHAL PRAVIN	Vavaa	Whavan	Whavao	Whavan	Whoward	Chavar
18	211	F190440063	CHELEKAR MAHESH RAJARAM	Christian	gonall	Tralita	TEKER	milde	mondey
19	109	F190440065	CHORAGE SAYALI SANJAY	Layeli	taple	Inyali	Forali	tople	Dayali
20	232	F190440065	DEOKAR SNEHA SURESH	A TOKAN	the Kul	- Solar	(Booker)	THE .	Arckart

Sr. No.	Rull No	Seat No.	Name of Students	M-II	PHY	BLX	PPS	EG	DDI.
2.0	for	F390446020	DESHMEKH HARSHAL DILLP	thehanen		the latter	- TELLENA		PBL
22	112	F19044007	DESHMUKJI JANRAVEDILIPRAO	Derhauth	Sec. 101 00000	tio of VX	PER PROPERTY		81 11
a 23	201	F 199440074	DHANGAR PAVAN SANTONI	Tes-Utitities	Dechart	Bahowel	Deshmuts	Deshmink	Downworth
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25	214	F 190440076	DROLL ADSTYA SANJAY	Lain	Shine	Him	Min	1 dines	Mind
26	140	£190440078	DEIONAGE SARNA STEITASH	8honag 3	@honese	ml	D)mag	Ohmano S	-
27	114	F190440004	DEVEKAR NANIKA SUNIL	Flekom	Airdam	Alkelow	Name of the Owner of	Shonage	Blive ker
• 28	215	F190440091	GADE KARTIK ARUN	Rest.	Des.	Part I	Bluetor	Birelow	
29	116	F190440093	GADHAVE PREMIRAJENDRA	Same .	James .	Kagi.	Dear	Same	Dan.
307	117	F190440694	GAIGOLE GAURI NANDKISHOR	Margh	(Cocalyal)	(Apartich	Quanter	Canida	Carries
11	216	F190440095	GAIKAR ABHISHEK ROHDIAS	New	Name	-Hoice	Have	plus	ALL
72	217	E 190440097	GAIKWAD POOIA RAM	Geceja	Garcia	Greek	Popia.	CANA	Gosa
• 33	218	F190440111	GRULE YOGRAF HARISHCHANDRA	1	1		~	V	~
34	510	F190440132	GOLE ATHARY BHARAT	Dolar	Alle	alle	DA/.	- Alexander	Alle
357	220	F190440118	HAJARE SANKET SADASHIV	Luine	majore	Anime	Springe	1	T
36	237	1190440122	HARSHAL VILAS PAWAR	Gane	Raus	Hair	Que	- Pars	Positre
37	221	F190440125	HINGE KSHITH GOKUL	Maning	(E) CI. HIMS	The second second		X Janahand	E WALLE
76	118:	F199440128	HUNASNALE SNERA RAJKUMAR	like 1	Luke V	Pulse /	Thute	hite	July -
39	119	F190440130	DIGALE MOTIRAM BABARAO	Separate .	TO BELLEVILLE	mpm33	-	Manya	(Maria
40	120	F190440147	JOSHI SUZAL ANIL	Qual:	Quet:	Quijet:	Evil;	amout:	Sijar)
41:	222	F190440148	KAD SALSANTOSH	ssicad	Askad	Sshad	3000	Sakad	- Trible condi
42	124	F190440149	KADAM RUTURAJ RAMESH	Obolam ~	Quelan	Spoon	Cholan	17 10 10 11	Addam -
43	122	F190440154	KAKADE ADITYA DATTATRAYA	Colonyof	Hory	CON OPEN	Drivel	Hicokup	F
44	NO.25	F190440156	KALANGE PRATHAMESH VIKAS	Ralange	Balange	Valoral_	Kulangs	Palgray	Peakings
45		O PROCESSION	KALE GAURAV SANJAY	aspina	G SKALL	G. S. KALE	GSKNEW	CHEST	CUXIL
46	350	THE COURT OF THE COURT	KAMBLE ISHA RAJESH	Bomble	(Balmer	(Sample	Franks	(Rombie	1

St. No.	Rolf No	Seat No.	Name of Students	NI-II	PHY	BLX	PPS	EG	P81.
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49	12%	F196440)63	KARGUDE SANSKHUTI SHIVATE	2142	Sldi	Shi-	alli-	& HE	28 di_
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31	22%	F190440123	KHANDE BAMESHWAR SANJAY	Codl	Frest!	Freth	+ total	Fouth	Full
. 52	128	E190440177	KHARCHE JITENDRA GASESH	Olas	Mount	15/22	There	3/12	0/0-
- 53	129	1190440186	KOTHAWALE MANESH MADESH	(3)	Colo	234	Cost	224	Water .
e 54	(190)	T 190440190	KURLEKAR ATHARNA SATISH	500_	00	D-	æ.	(A)	GP_
55	227	FT90440192	LAKHIMALE ASHISH ANANI	Ashist-1	ship?	Adhish	which	dehiste	Ashesh'
- 56	131	E190440195	MANDADE MORET SANTOSEL	De Santa	Adol	Maria	1000	Den	Der.
57	278	F190440196	MANE SNEHAL BABAN	Americ	from	Longo	domon	among	Long
58	132	F190440197	MARATHE HILSHIKESH SANTOSH	#16 -	क्रिके	द्वारम -	EM 18-	क्यारे ~	Willia
59	229	F190440201	MORITE APEKSHA DATTATRAYA	The shite	Robb	Achite	Ashite	Hothel	America
60	133	F190440208	MURTHY KRISHNA RAVIKIRAN	Ment	NPOH	MEONIX	megite	Weath	Metir
60	230	F190440209	NAGARGOJE ABHISHEK DEVUDAS	No.	(Dippo	Jan Day		Anne	Mana
62	231	T190440211	NAIR VIKAS MALKHAN	allos	ALTER	Must	MARIE	all the	八十十
63	134	F190440214	NAYAKODI LAXMI IRAGANTEPPA	January	Jacony.	January.	Jacory	Jax my.	format.
64	246	F190440215	NICHT SUYASH KACHARU	Rooth V	System or	Syst c	SHARE	Louis	syss
65	115	F190440218	OM PRATAP GADEKAR	(Om)	Compe	COM+	Opp)+	Com+	COM+
66	113	F190440219	OM SHANKAR DESHMUKH	Carpault.	Chaut	Behruk	Carpant	Cestares	Carpent
67	232	F190440221	PADWAL SAHIL DATTATRAY	Freduot.	Stedent	E Codesol	Gradus	Spectual	Sindre
68	233	F190440224	PANDEY HEMANGEUMESHCHANDRA	A betweenthis	13 eu munt	Homeway	Hemeny	Pollemany	y - Herran
69	135	F190440226	PASHILKAR TANMAY KIRAN	Pathir	Linkuth	Parhilka	Tachille	Parket	Publik
70	234	F190440228	PATIL AYUSH SANJAY	Am	A-	An_	A 100	A	A.
-		F190440231	PATIL OMKAR JOTIBA	Robbs	OKale	Water-	1971	- All Me	- Will
72	137	MASSES WITH THE	PATIL SAHILKUMAR ANANDRAO	110	0	6	500		6

5r. 3c	Roll No	Seat No.	Name of Students	M-IL	PHY	BLX	PPS	EG	PBI
73	533	F 190420216	PATIL SHREYA SANTOSIC	Stuber	3 Section	- Speechs	Staits	3700	3 Just
226	236	F (90440232	PATOLE NOTAL NAVNATH	Ration	BOOLE	Stens	grade	Stadole	6 pedra
75	139	F190449239	PAWADE SAURABH VIVEK	Banade	Towade	Famale	James !	Famaol	Sawady
76:	140	+190440242	PAWAR MANSI NAVNEFT	Remor	Payor	Wantes 2	(Prairie)	Remos	Quas.
77	(4)	F190440215	PAWAR RISHAHILIKAJE NIJIFA	Ola	020	Ru	040	COLID	6hz
78	142	F190440246	PHALKE UDWY NAVNA IH	Qu-	Lieu	100	IL.	Jak-	all -
79.	255	1390440252	PROTHIVURAL NACION VADIAV	Let	do	Toka	del-	del -	Sel
80	145	F190440254	RAIKAR SAKSHI PRASHANT	Bulghall	No harmer	Fish shift	MASHE	SEKSIMY-	Salarie
-815	144	F190440271	SAMRUDDHI MOHAN BRIOR	gmb.	4 Min	dest	foly	Jan.	dwy Co
82	145	F190440274	SARAWADE ROHIT SUNIL	Det -	SAI	TH	Pht	other	#1
E3	146	F190440275	SARTAPE SHEVKUMAR VINAYAK	Shir	-shir	Shir	ghiv	Shir	Chik
84	147	F190440277	SATAV MOKSHNATH PRAMOD	Ma	AVC.	- CVC	M	M	N.
115	148	F190440281	SAWANT SUSHANT HANDMANT	\$ Jan	thork.	- fortacted	* Agrange	* Angeon The	though .
86	239	F190440282	SAYYAD SAMEER JAMEER	Smet	Sameer	Sameer	Sameer	Sameer	Sameer
87	240	F190840284	SEWLIKAR HARSHIT KULDETP	Aby.	Adolf.	الطط	*18-	lake.	45
.08	149	F190440288	SHARMA AKSHAY MANOJ	Asno V	AKING	Aristo	Monda	Anna	ARSTO
• 89	159	F190440290	SHELKE AAKASH GANGADHAR	Estupe	Astabo	Brake	Holeto	- delethe	- Delector
(9)	241	F190440291	SHELKE DNY ANESHWAR SHANIAY	BACKE	atheline	Mindle	ordka.	make	Both
91	150	F190440293	SHEWALE SONAL RAJENDRA	Bona	Banul.	genal	gonal.	Bead -	gasal.
92	242	F190440302	SHITOLE VAISHNAVI RAMDAS	Philole	Daylole,	Dattole	policle	Destole	- Dulscle
93	451	F190440310	SINGH SANDEEP UDAY	A- 1	9-	2-	8	80	18-
94	243		A CONTRACTOR OF THE PROPERTY O	An	do	In	Am	des	do
95	152	F190440313	The second secon	- ANDERSON	Blip Colone	CLYXXE.	THE	Enteret .	CHAIR -
96	244	F190440318	The second secon	Anihete	Anikeer	- April 8	Anikes	April P	Anihes
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Sr. 800.	Roll No.	Seat No.	Name of Students	M-H	PHY	BLX	PPS	EG	PBL.
. OU	247	F190440325	TAMBE ARTES ASHOR	dot.	des	طيمل	chal	But	A st
100	248	F190440328	TARNALE RAJESHWAR GAJANAN	980	600	Œ.	(T)	(G)	CO.
101	154	F190440133	THAKUR PRINCE SATISIC	Pincer	Some	Daner	Dinco-	Edne	6
102	250	F190440336	THORAWADE ASSEMBLI TANAJI	Armen.	dienus .	A Time	August	AD STUD	Monday
103	155	F390440340	TUPE SHWETA NAVNATH	Share	Auso	to legge	where	Sheen	Thur
1.04	751	F190440341	TURE SHAHER SANIAY	SAND	BUNIA.	Shahir	4 hance	4 hohim	5 hubit
105	252	F190440342	VAIDYA SURAJ DATTA TRYS. D. VOIC	ha.	1	10	tol	10	T.
106	156	F190440344	VARE PRATIK HALU	V		1	1		-
107	157	F196440143	VARE SHRIDHAR LANKU	- midhar	Smill at	Smidhaf	Sand hat	bridhar	Spidher
108	203	F190440348	VISHAL BAPE WAGHMOOR	JAB -	WB	WA	NB	VAS	WB-
109	253	£190440357	WAGHMARE TANUJA SHRAVAN	tuigh-	Fragh	trage -	tragh.	tigh	Fragh -
110	15%	F190440354	WALUNG NIKHIL KUNDAN	DOM	(Nada)	- Tokera	Bades	Charlet	MouleT.
711	254	F190440357	WAROLE SANKET RATNAKAR	Contret	The second secon	1		Sorbet	Santo
112	249	F190446361	YASH MUKUNDA TEKALE	To a	U-	U-	Star .	U.	4.2.
3880	7.56	F190440364	YEDKE YOGDA ASHRUBA	Nogita	nosda	mogula.	Mogita	arcade	CHOPLE
314	257	F190440366	YEOLE SHREYA KISHOR	Braylo.	Shoule.	Shrtyo.	Smeyo	Shreye.	2 other
			SUBJECT TEACHER NAME & SKIN	1	12	0.		0.	Suc Su.

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Shringe U. V.

First Year Co-ordinator
Siddhant College of Engineering.
Sudumbare, Jal Maval, Pune - 412 105.

SIDDHANT COLLEGE OF ENGINEERING

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DEPARTMENT OF FIRST YEAR ENGINEERING

A.Y. 2022-21

DIVISION - C & D

Termwork /Practical Submission Record Date 19/07/2023

Sr. No	Roll No.	Seat No.	Name of Students	M-H	CHEM	BEE	EM	EG	PBL
* 1	401	E190440002	ABRISHER THAKUR	Aby	ARM	Flores	Much	bbul	Abry
15-1	405	F19040004	ADANE VAISHNAVI MASHUKAR	Hogele /	adani	thouse	didane	Magas	Hoave
43	303	F190440007	AMBIKE SHARDLE MILIND	Sharle A	Shardel A	Thursday 1	Shardelle	Phar MA	thandall.
4	302	£190440009	ANARTHE BUCHIKA DATTATRAYA	TAKA	raikh	13/4	Cikel	dek	alut
*	351	£190449011	ATUL MANOJ SINGH	atel	attest	stud	the -	the	this
6	304	F190440015	BADE GURUDATTA KRUSHNA	Beleak	Booleak	Probat	Proce Cot	Bookak	Podean
5.7	305	E190440020	BARBADE MORIT ASHOK	AT	At	4	A	Att	A-
×	306	F190440024	BAVASKAR RITESH VDAY	Piter.	estatu.	Tributo -	P. My	relate.	ribb.
	307	F190+40026	BEHERA OMKAR BANAMALI	Guten	Britan	Constell	Gruffay	Entau	Contain
10	403	F190440028	BHANDARI PRASEN BABEJI	P.B. harden	P. Bhandon	P. Dhardon		P.Bhandin	The second secon
111	308	F190440838	BHAWAR TUSHAR SAMPAT	James	- Hares	Howat	Haust	Johann	Johnson
12	402	F190440033	BHOJANE BHAKTI BHASKAR	Sur my	gayay.	giyan.	gaya)	court.	coyner.
13	309	1190440025	BHOSALE AVISHKAR SHRIKANT	AJ & horate	41.Bhoias	At Phospic	A-1.8 brack	A. I B Masona	AJ Bhow
16	404	F190440039	BHUNDE YASH NANDU	Y.N. Ghunde	YN. Bhunde	YN Bhunde	9.N.Bhunde	Y.N. Rhunde	PN.Blan
15.	310	1190440054	CHAITANYA PAIGUDE	Sargente	Gaugus	Garaged	100	Dalegude	Gringelle
16	311	F190440055	CHANGAN SHUBHAM SUDHAKAR	Statem	CL Ardson	Stephen	Alta	Blokkham	Stephen
17	312	F190440056	CISARU SHARMA	~	V	· v	V	V	
18	406	F190440062	CHAVHAN ATHARVA SUDHAKAR	Renewall	A space	will share it	Artime.	of the	Ameh
19:	300	F190440064	CHIRAG RAMESHCHANDRA AGRAWAL	Lighamay	trew of	Janu of	Marchay.	Lonau g	AFRILL
20	314	F190440066	DAHEALE SIDDHARTH ASHKIK	-Sad	-Sad	-Sal	The state of the	Sad	and
21	317	F190440067	DAMARE ONKAR RAJENDRA	Pawle.	Alwade.	Quade 1	Conde.	Print.	Atrade
22	316	F195440072	DEVKAR NEHA DASHARATH	Neuro	AVIKO	Souko	Makes	Noikan	Make

St. No.	Roll No	SearNo.	Name of Strasons	M-II	CHEM	BEE	EM	EG	PBI.
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44	330	F190440131	IADHAO DRANASHREE GAJANAN	4	Left +	G	O.x.	0	
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34	426	1199440153	KAGANE NIKSTA ANHOK	OAK	Ouc	PAL	PAIL	CAL	Dr
55	427	2190440158	KALE PRIYANKA SUKHDEV	Di tonica	S Jonza	(Barat	Binary	Donanch	Porparito
56	584	F190440139	KALOKHE MKUNAL MORAN	Elunet	That	Flored	Fance	Elmas	Dock
57	478	F190440163	KANEKAR NIDHESPEENTIRA	Barokan	(Agarven		Marena	ROMERAL	Moreta
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61	336	F190440181	KHILE BHARATE SARJERAO	Mulitar	Stelle	typour	Justet	Local	ATTEL
62	431	F190440192	KOCHAREKAR GAYATRI SATYAVUAY	Marieta	Rayato	dayato	Bush	tavata	Hayar
63	337	F190440188	KULKARNI ADITYA SUDBOR	TALL	Jalek	Alste	THE	Idly	All to
64	432	F190440203	MORE DIVYA MACHINDRA	Divys	BIYYE	Bivya	Biryla	Sings	Birg
65	433	F190640210	NAGARGOJE OMKAR RAOSAHED	ON NOORS	O.R.Northy	COD HANY	DI SHE O KM	Jungoice:	L. No. Har C. S.
• 66	434	F190440212	NANDAN GUPTA	SA	GN O	8	9	A	4
67	435	F190440213	NARKHEDE PRANAV MANOJ	(P. Horkhak	(P) Norkhed	(P) Horkbo	Phothe	P Not led	Printel
68	353	F190440220	ONKAR SANIAY TAKALE	Gley	en:	Ellar-	A 1/2.	CAS-	1
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32.	343	F190400259	RASKAR VRUSHALIUTTAM	C01292	Code	Cours -	Cook	6004	-04-
83	744	F190440260	BATHOD PAYAL TULSHIRASI	40000	Payla	Payal	Paya	Payed	PSHAI
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87	346	F1904#9267	SADEWAD VISHWARET EDATTE	2 Kati	2000	2 mg	Mary	short	Sport
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DR.U. V SHINDE

Shine U.V.
First Year Co-ordinator
Siddham College of Engineering.
Sudumbare, Tal Maval, Pune - 412 1

SIDDHANT COLLEGE OF ENGINEERING,

SUDUMBARE, PUNE.



PROJECT BASED LEARNING WORKBOOK

FIRST YEAR ENGINEERING DEPARTMENT

Name Of Student: Siddhi Shankar Taigude

Div. D. Roll. No. 424 Exam. Seat No. F190440143

CERTIFICATE

Certified that, Mr/Miss. Siddhi Shankar Taigude
Roll. No:
Batch
His/her performance is satisfactory.

Date: 20 7.23 /

Sign.Of Guide

Head of Department



Shinde U. V.

First Year Coverdinator
Siddhant Coffego of Engineering.
10319, 7st May 31, Pane - 012 105.

INDEX

Sr.No.	Title Of activity	Page No.	Date	Remark
J	Introduction.	1	12/05/23	7
2	Apparatus	4	26/05/23	Patie.
3]	Producer	5	9106123	
4]	Working	8	23/06/23	
5]	Conclusion.	9	07107123	J

Date: 2.071.231

PROJECT ABSTRACT

Project D	omain: _ Frgineering Mechanics.
Abstract:	An electric car is a plug - in electric au
	that is Bropelled by one or more elelt
	using the energy stored in rechargereb
batter	ies the electric car can be charged
a var	sety of charging contres installed oin
Public	places & houses In the article, we
have	provided detailed Steps to Help you
h	your own electric car.

Siddhant College Of Engineering, Sudumbare, Pune. Department of First Year Engineering Project Based Learning

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Project	M OVI OVA
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Sr. No.	Parameters/ Check list	Yes/No (√)	Remark if any
1	Requirement Specifications/Information Gathering	1	1
2	Problem Formulation	~	
3	Methodology (Details of Materials, Procedures, Technology, etc., used)	-	
4	Design and Development of Model if any	1	> good
5	Recording of Observations/ Experimental Analysis	-	
6	Demonstration of Project Model/ Hypothesis	-	
7	Concluding Remarks	-	
8	Future Scope	-	1

9	Any other parameter relevant to project (Please specify)	
Rem	ark:	
		8 in

PROJECT BASED LEARNING (PBL)

Teaching Scheme (Hours/Week)				Examination Scheme and Marks				Credits					
тн	PR	TUT	Total	ISE	ESE	TW	PR	OR	Total	ТН	PR	TUT	Total
	04		-	-	S-11-24	25	50	(manual)	75	Seens.	02	*****	02

Rationale:

"I Hear and I Forget, I See and I Remember, I Do and I Understand"

Engineering is more about doing and it has technical, social and economic aspects. Thus for holistic development of students in addition to cognitive (applying brain) domain of students, development of Psychomotor (observing, doing, smelling, touching, etc.) and affective (emotion) domains are equally important. In short, development of Head, Hand and Heart of budding engineer would create exotic results. This is the motivation behind introducing the PBL.

PBL is a student-centric pedagogy which offers active exploration of a real world challenges and problems. As student himself is putting his efforts it triggers the process of thinking towards the formulation of problem and finding the best possible solution in terms of technical, ecological, economical feasibility. This can be most rewarded style of learning.

PBL workbook: PBL workbook will reflect accountability, punctuality, technical writing ability and work flow of the project. Continuous Assessment Sheet (CAS) is to be maintained by rounters.

Group of students may demonstrate knowledge and skills by developing a product and/or report and/or

- 1. Individual Assessment: On the basis of individual capacity, role and involvement in the project.
- 2. Group Assessment: Distribution of work, Team spirit, Intra-team communication and intimacy.
- 3. Documentation and Presentation: Report of minimum 10 pages and PPTs.

presentation. The components of assessment will be

4. Parameters of Evaluation/Assessment: Project Report (PR Out of 50 Marks)

Sr. No.	Parameter	Weightage (%)	Marks	Remark
1	Idea Inception of Project	0.5	2.50	
2	Outcome of PBE (Individual and Team Assessment) Problem solving skills/ solution provided/ Final Product	50	25.00	===
3	Documentation Requirement gathering, formulation of problem, design & modeling, execution, use of	25	12.50	

SIDDHANT COLLEGE OF ENGINEERING SUDUMBARE PUNE

	TOTAL	100	50.00	
6	Awareness Social, Ethical, Ecological, Legal, Safety Measures	05	02.50	
5	Publication/ Contest Participation Paper, Patent, Conference, etc.	05	02.50	god
4	Demonstration Presentation, User Interface, Usability, etc.	10	05.00	
	technology, final report and other relevant documents if any.			

5. Workbook Continuous Assessment Sheet (CAS): TW Out of 25 Marks

Sr. No.	Parameter	Weight age (%)	Marks	Remark
1	Attendance/ Punctuality	20	05	
2	PBL Workbook	20	05	
3	Quantum of Participation as team member	20	05	
4	Initiative	20	05	
5	Attitude	20	05	
	Total	100	25	

A	ctivity Details	
Activity Assigned in Brief	Started on	Completed on
Introduction.	12/05/23	
ills (to be written by individual student))	9:00 AM	10:45 Am

ij A battery electric vehicle is Pure electric vehicle is a type of electric vehicle that exclusively uses chemical energy stored in rechargeable battery Packs with no secondary source of. Propulsion.

2] BEVS Use Electric motors and Controllers instead of internal Combustion engines.

3] It is a Fuel saving Vehicle.

4) It Uses Less electricity For Charging.

Remark & Signature of Guide with date

Savitribai Phule Pune University, Pune

S.E. (Electronics / E&TC Engineering) 2019 Course

(With effect from Academic Year 2020-21)

Semester-IV

Course Code	Course Name	Teaching Scheme (Hours/Week)		Examination Scheme and Marks					Credit					
		Theory	Practical	Tutorial	In-Sem	End-Sem	TW	PR	OR	Total	TH	PR	TUT	Total
204191	Signals & Systems	03	-	01	30	70	25	-	-	125	03	-	01	04
204192	Control Systems	03	-		30	70		-	-	100	03	-	-	03
204193	Principles of Communication Systems	03	-	-	30	70	1	-	-	100	03	-	-	03
204194	Object Oriented Programming	03	-	-	30	70	1	-	-	100	03	-	1	03
204195	Signals & Control System Lab		02				50			50		01		01
204196	Principle of Communication Systems Lab	-	02	-	-	-	-	50	-	50	-	01	-	01
204197	Object Oriented Programming Lab	-	02	-	-	-	1	-	50	50	-	01	-	01
204198	Data Analytics Lab		02				-		25	25		01		01
204199	Employability Skill Development	02	02	-	-	-	50	-	-	50	02	01	-	03
204200	Project Based Learning ⁿ	-	04				50		-	50		02		02
204201	Mandatory Audit Course 4 ^{&}	ı	-	-	-	-	-	-	-	-	-	-	-	-
	Total	14	14	01	120	280	175	50	75	700	14	07	01	22

Abbreviations:

In-Sem: In semester End-sem: End semester TH: Theory TW: Term Work

PR : Practical OR : Oral TUT : Tutorial

Note: Interested students of S.E. (Electronics/E&TC) can opt any one of the audit course from the list of audit courses prescribed by BoS (Electronics & Telecommunications Engineering)



C. A. Y. M. E. Trust's

Siddinus Callege of Engineering.

Department of Electronics and Telecommunication Engineering.

(Approved by AICTE Recognised by Gove of Habarashiro and Affliand to S.P. Pine University & MSSTE)

41. Post - Sadumbare, Tal. - Mavel, Dist. - Pune. PIN - 412 109.

D2114-661904

SEM-II (2022-23)

Class: - SE (E & TC)

Date: 15th Feb 2023

Notice (PBL Group Formation)

All the Students of SE E & TC (2022-23) are hereby informed to form their project Based learning (PBL) groups for Second year. The last date of Project group submission is 22th Feb 2023, Wednesday.

Note:

- Project groups should be of 3 to 4 members only.
- Once Project group is submitted no changes will be entertained.
- While filling Google form write your full name in given sequence only, with correct mail ids and mobile numbers which will be used for further communication throughout the year.
- To avoid further consequences try to form the project groups with the students with proper understanding and discussion. No disputes or other queries except project work will be entertained by Project Guide, Project Coordinator or HOD.
- After project group formation search for project topics which will be selected by panel members after presentation of selected topics

Prof. Geetanjali Argade Dept. PBL coordinator (8605431518)

Dr. Prabbat K. Pallav Head of Department, E & TC Engineering

Head Of The ESTS Dept. Siddhant College of Engineering Sudumbare, Baval, Pune. 412109

		CAYMET'S		
	Siddhant College	of Engineering, Sudumbare		
CL see.	Department of Floatman	nics and Telecommunication Eng	g	
Subject. E	COLUMN TO THE PART	SEM: II Da	te: 8/02/2023	
Subject: 1	roject Based Learning	Subject Teacher: Prof. Ge		
Sr. No.	Two sections and the section of the		- M - M - M	
0,-110,	Name of the Candidates	Project Title	Sign	
1	Burange Snehalata Lakshm		Barrole	
	Shivani Manaji Yadav	Design and Fabrication of Dual side shaper Machine	9510	
	Kajal Salunkhe		Sadau	
	Manish pravin salunke		ten -	
2	Dipali C Parab	Solar Tracking System	Shear	
	Samiksha Dhuri		-Modesc	
	Ketaki Sodage		Muss	
2	Pratiksha Bandu Goukonde	Multip mone Class O	-	
3	Shrutika Ramesh Pawar	Multipurpose Glass Cleaning Robot Using Machine Learning	- She in	
	Anjali Shinde	S mounte coaming	Maipale	
4	Supriya Karande	STATE OF LANGUAGE SEC	Departys	
.9	Bhushan ratnakant rokade	Smart onion storage	XII	
	Karan Kishor Jadhav		demon-	
260	Sakshi Mahantesh Babanag	A	18.	
5	Ajay Shivaji Dalvi	Automated hydroponic plant growth system using lot	Tel-	
	Rutuja Suresh yadav	-yaran daling lot		
	Atharva Sanjay Sawant		· Quant	
36	Rahul Lokhande	Women's Safety Device With GPS Tracking & Alert	R.Storaul	
6	Vaishnav Barne		1.360	
	Rushikesh Ekade	Tracking & Alen	Gios-	
	Prajwal Kakade		Dinest	
7	Akash Jaiswara	MEMS Gas Sensor	- Heath	
7	Nikhil kulkarni		Mulcy.	
	Rahul Dasharath Mugale		Total .	
8	Atharva. Jayant. Gawade		1. 100	
	Sakshi Dinkar Kadlag	RFID attendance system.	100	
	Reshma Gaikwad	IOT Based Garbage Monitoring	200	
9	Shrikrushna		1-10	
555 114	Rohit dagdu mane	system	Teltusilu-	
	Phalguni Bandichhode		(Dogdu	
	Shreyash Rajendra Mohite		Pandithode	
10	Saurabh Suhas Fursule	Piezoelectric energy harvesting val (shoe sole	Piezoelectric energy harvesting vai	three
	Yash Lalgude		Sturmu.	
Value -	Mayur Jagadale		- Burner	
3//	Rushabh chandrakant dhum:	Home automation	3 ogeth	
	Poonam Vitthal Sutar		Duenu	
12	Namrata ekbote	Automatic hand sanitizing machine	-dyears-	
	1	usina Arduina una baard	cleur	

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93% #

Prof. Geetanjali Argade Guided By/ Subject Teacher		Dr. Prá		Prabhat Pallav	
	Graycoli .		_ W	Pr.	
			*		
16	Dhanashree pawaskar Pallavi Prathad Zirmire Simran Desai	Garbage monitoring system		Auto.	
15	Dighe Yogeshwari Atmaram Akshay Dhondkar Akshay Mandiik	Multi Functional Blind Stick Impaired people	Alle:		
14	Amol Hingmire Mantesh Mahesh Mundinker	"DC power supply"	A ALLEN		
	Lamkhade Pallavi Annasahe Rahul Amogasiddha Tingare	Autometed soil lesting syste agriculture with IOT	em for	Partori	
3	Nirali Manoj Vadatiya Diwate swati balasaheb	Automolect coil testion and	and the second	owalies.	



C. A. Y. M. E. Trust's

Siddhant College of Engineering.

Department of Electronics and Telecommunication Engineering.

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Date: 24th Feb 2023

Project Based Learning Title Finalization Notice

All the Students of SE E & TC engineering are hereby informed that Project title finalization is scheduled on 08/03/2023 (Wednesday). In Project Title Finalization, Project Group should explain all the three Project ideas in front of all faculty members. One of the Project Title will be finalized if found proper or changes will be suggested if required. Details of the entire Project based learning ideas should be brought on plain paper. (No PPT presentation is required).

Prof. Geetanjali Argade Dept. PBL coordinator (8605431518)

Dr. Prabhat K. Pallav
Head of Department,
E & TC Engineering
Head Of The E& TC Dept.
Siddhant College of Engineering
Sudumbara, Maval, Pune-412109



C. A. V. M. E. Trust's

Siddhaut College of Engineering.

Department of Electronics and Telecommunication Engineering.

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At. Post - Sudambare, Tal. - Mayai, Dist. - Pune, PIN - 412 109.

02114-661904

SEM- II (2022-23)

Class:- SE (E & TC)

Date: 13th Mar 2023

NOTICE

All students of SE are hereby informed that Project Based Learning (PBL) Review I (presentation) for Semester II is scheduled on 15/03/2023 (Wednesday).

PBL presentation should include following points.

- 1. Introduction
- 2. Literature Survey
- 3. Problem Statement

Attendance is mandatory for all group members.

Also maintain logbook week wise.

Note: Submit the abstract of project on or before 10/03/2023.

Prof. Gectanjali Argade Dept. PBL coordinator (8605431518) Dr. Prabinat K. Pallav Head of Department, E & TC Engineering

Siddhant College of Engineer Mgg Sudumbars, Revol. Pune- 44:2709:



C. A. Y. M. E. Trust's

Siddhant College of Engineering.

Department of Electronics and Telecommunication Engineering.

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SEM- II (2022-23)

Class:- SE (E & TC)

Date: 6th April 2023

NOTICE

All students of SE are hereby informed that Project Based Learning (PBL) Review II (presentation) for Semester II is scheduled on 11/04/2023 (Tuesday).

PBL presentation should include following points.

- 1. Introduction
- 2. Literature Survey
- 3. Problem Statement
- 4. Aim and Objectives
- 5. System Block Diagram

Attendance is mandatory for all group members. Also maintain logbook week wise.

Prof. Geetanjali Argade Dept. PBL coordinator (8605431518)

Dr. Pribliat K. Pallav
Head of Department,
E & TC Engineering
Head Of The EAPS Dept.
Siddhant Codege of Engineering
Sudumbare, Meval, Pune-412109



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Department of Electronics and Telecommunication Engineering.

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SEM-II (2022-23)

Class:- SE (E & TC)

Date: 3rd May 2023

NOTICE

All students of SE are hereby informed that Project Based Learning (PBL) Review III (presentation) for Semester II is scheduled on 12/05/2023 (Friday).

PBL presentation should include following points.

- 1. Introduction
- 2. Literature Survey
- 3. Problem Statement
- 4. Aim and Objectives
- 5. System Block Diagram
- 6. System Implementation Details
- 7. Discussion and Analysis of Results
- 8. Conclusion
- 9. System Limitations

Attendance is mandatory for all group members. Also maintain logbook week wise.

Prof. Geetanjali Argade Dept. PBL coordinator (8605431518)

Dr. Prabhatik. Pallav
Head of Department,
Head of The Earth Dept.
Siddhant College of Engineering
Sudumbars, Maval, Pune-412199



C. A. Y. M. E. Trust's

Siddhant College of Engineering.

Department of Electronics and Telecommunication Engineering.

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SEM-II (2022-23)

Class:- SE (E & TC)

Date: 19th May 2023

Project Based Learning contents

Project Groups should prepare the project based learning report and has to submit soft copy as well as hard copy (Spiral Binding)

All the project groups are instructed to complete PBL report in the given tasks

- 1. Introduction
- 2. Literature Survey
- 3. Problem Statement
- 4. Aim and Objectives
- 5. System Block Diagram
- 6. System Implementation Details
- 7. Discussion and Analysis of Results
- 8. Conclusion
- 9. System Limitations
- 10. Future Scope
- 11. References

Prof. Geetanjali Argade Dept. PBL coordinator (8605431518)

Dr. Prablet K. Pallav
Head of Department,
E & TC Engineering
Head Of The E&TC Dept.
Siddhant College of Engineering
Sudembare, Matter, Pune 412109



C. A. Y. M. E. Trust's Siddhaat College of Engineering.

Department of Electronics and Telecommunication Engineering.

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At. Post - Sudambare, Tel. - Maval, Dist. - Pune, PIN - 412 109. □ 02114-661904.

SEM- II (2022-23)

Class:- SE (E & TC)

Date: 22th May 2023

NOTICE

All the Students members of SE E&TC Engineering are hereby informed that, Project Based Learning SPPU Term work exam Submission is scheduled on 25th May 2023, Thursday. Project based learning evaluation will be for 50 marks. All the Project (PBL) Groups are supposed to contact the Dept. PBL Coordinator and discuss the status of the project before 24th May 2023. Project Groups Should Prepare the (PBL) report considering following points. (PPT also)

- 1. Introduction
- 2. Literature Survey
- 3. Problem Statement
- 4. Aim and Objectives
- 5. System Block Diagram
- 6. System Implementation Details

- 7. Discussion and Analysis of Results
- 8. Conclusion
- 9. System Limitations
- 10. Future Scope
- 11. References

Note:-

- 1. Prepare PPT presentation of at least 15-20 slides
- While presentation each group member has to give the presentation (So divide the presentation among your respective group members)
- 3. Prepare project report of 25-30 Pages
- Submit 2 Copies of report with Spiral Binding duly signed by Dept. PBL Coordinator and HOD (Refer SPPU syllabus)

Prof. Geetanjali Argade Dept. PBL coordinator (8605431518)

Dr. Prathat K. Pallav
Head of Department,
E.& TC Engineering
head of the E& TC Dept.
Siddhard College of Engineering

Siddhant College of Engineering Sudumbers, Marai, Pune- 412109



CERTIFICATE

This is to certify the project based learning report entitled

"Wireless Power Transmission"

Is a benefited work carried out by

Dnyaneshwar Thombre (S190443018)

Ritesh Agre (S190443001)

Pradip Dangale (S190443046)

This work is being submitted for the award of Engineering of ELECTRONIC &TELECOMMUICATION is submitted in partial

fulfillment of the Prescribed syllabus of SPPU, Pune

During the academic Year 2022-23

Prof. Geetanjali Argade

(Subject Teacher)

Dr. Prabhat Pallav

(HOD E&TC)

Head Of The E&TC Dept. Siddhant College of Engineering Sudumbare, Mayal, Pune-412109

Dr. Kamble L. V.

(Principal)





CERTIFICATE

This is to certify the project based learning report entitled

"Smart Onion Storage"

Is a benefited work carried out by

Bhushan Ratnkant Rokade (\$190443049)

Karan Kishor Jadhav (\$190443027)

Karande Supriya Sanjay (\$190443033)

This work is being submitted for the award of Engineering of ELECTRONIC &TELECOMMUICATION is submitted in partial

fulfillment of the Prescribed syllabus of SPPU, Pune

During the academic Year 2022-23

Prof. Geetanjali Argade

(Subject Teacher)

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Dr. Kamble L. V.

(Principal)



Dr. Prabhat Pallav.

(HOD E&TC)

Head Of The E&TC Dept. Siddhant College of Engineering Sudumbare, Mayal, Pune. 412109

A PROJECT BASED LEARNING REPORT

ON

"Home automation"

Submitted to

Siddhant College of Engineering, Sudumbare.

Department: - Electronics & Telecommunication

In Partial fulfillment of the Requirement for the Engineering in

Electronics & Telecommunications

Submitted by

Mayur Jagadale

(S190443028)

Rushabh Dhumal

(S190443014)

Under the guidance of project guide

Prof. Geetanjali Argade



CAYMET'S
SIDDHANT COLLEGE OF ENGINEERING

Sudumbare, Pune - 412109

SIDDHANT COLLEGE OF ENGINEERING

Department: - Electronics and Telecommunication



CERTIFICATE

This is to certify the project-based learning report entitled.

"Home automation"

Is a benefited work carried out by

Mayur Jagadale

(S190443028)

Rushabh Dhumal

(S190443014)

This work is being submitted for the award of Engineering of ELECTRONIC &TELECOMMUICATION is submitted in partial fulfillment of the Prescribed syllabus of SPPU, Pune During the academic Year 2022-23

Geetanjali Argade (Subject Teacher) Dr. Prabhat Pallav (HOD E&TC)

Head Of The E&TC Dept. Siddhant College of Engineering Sudumbare, Maval, Pune- 412109

Dr. Kamble L. V. (Principal)



PROJECT BASED LEARNING REPORT

ON

"MULTIPURPOSE GLASS CLEANING ROBOT

USING MACHINE LEARNING"

Submitted to

SIDDHANT COLLEGE OF ENGINEERING, SUDUMBRE. Dist. Pune-412109



Department: Electronics & Telecommunication

Academic year: 2022-2023

Under the guidance of subject Teacher

Prof. Geetanjali Argade

Submitted by,

Shinde Anjali Arun	-S190443003
Goukonde Pratiksha Bandu	-S190443024
Pawar Shrutika Ramesh	-S190443045

SIDDHANT COLLEGE OF ENGINEERING, SUDUMBRE. Dist.Punc-412109.

CERTIFICATE

Project Based Learning Report Entitled On

"MULTIPURPOSE GLASS CLEANING ROBOT

USING MACHINE LEARNING"

Submitted by,

Shinde Anjali Arun

Goukonde Pratiksha Bandu

Pawar Shrutika Ramesh.

This work is being submitted for the award of Engineering of ELECTRONIC &TELECOMMUICATION is submitted in partial fulfillment of the During the academic Year 2022-23 Prescribed syllabus of SPPU, Pune-412109.

Subject Teacher

(Prof.Geetanjali Argade) (Dr.

(Dr. Prabhat Pallav)

Head Of The E&TC Dept. Siddhant College of Engineering Sudumbare, Mayal, Pune- 412109 Principal

(Dr. L. V. Kamble)



Savitribai Phule Pune University, Pune

T.E. (Electronics& Telecommunication Engineering) 2019 Course

(With effect from Academic Year 2021-22)

Semester-VI

Course		S	eachi Schen urs/V	_	Examination Scheme and Marks			Credit						
Code	Course Name	Theory	Practical	Tutorial	In-Sem	End-Sem	TW	PR	OR	Total	ТН	PR	TUT	Total
304192	Cellular Networks	03	-	-	30	70	-	-	-	100	03	-	-	03
304193	Project Management	03	-	-	30	70	-	-	-	100	03	-	-	03
304194	Power Devices & Circuits	03	-	-	30	70	-	-	-	100	03	-	-	03
304195	Elective-II	03	-	-	30	70	-	-	-	100	03	-	-	03
304196	Cellular Networks Lab	-	02	-	-	-	-	-	50	50	-	01	-	01
304197	Power Devices & Circuits Lab	-	02	-	-	-	-	50	-	50		01		01
304198	Elective-II Lab	-	02	-	1	-	-	25	-	25	-	01	-	01
304199	Internship**	-	-	-	-	-	100	_	-	100	-	-	04	04
304200	Mini Project	-	04	-	-	-	25	-	50	75	-	02	-	02
304191 B	Mandatory Audit Course 6 & Total		- 10	- 00	- 120	280	- 125	- 75	- 100	700	-	-	-	-
						To	otal (Credi	t		12	05	04	21

Abbreviations:

In-Sem: In semester End-Sem: End semester TH: Theory TW: Term Work

PR: Practical OR: Oral TUT: Tutorial

Note: Students of T.E. (Electronics & Telecommunications) have to opt any one of the audit course from the list of audit courses prescribed by BoS (Electronics & Telecommunications Engineering)

Elective -II

- 1) Digital Image Processing
- 2) Sensors in Automation
- 3) Advanced JAVA Programming
- 4) Embedded Processors
- 5) Network Security



C.A. V. M. E. Trust's

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Department of Electronics and Telecommunication Engineering.

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SEM- II (2022-23)

Class: - TE (E & TC)

Date: 17th Feb 2023

Notice (Mini Project Group Formation)

All the Students of TE E & TC (2022-23) are hereby informed to form their Mini Project groups for third year projects. The last date of Project group submission is 21st Feb 2023.

Follow the guidelines given below while forming the project groups:

- 1. Project groups should be of 3 to 4 members only (less members are not allowed).
- Once Project group is submitted no changes will be entertained.
- To avoid further consequences try to form the project groups with the students with proper understanding and discussion. No disputes or other queries except project work will be entertained by Project Guide, Project Coordinator or HOD.
- After project group formation search for project topics which will be selected by panel members after presentation of selected topics
- 5. Project Guides will be allotted by Project Coordinator and HOD on 22th Feb 2023.

Prof. M.U.Inamdar Project coordinator (9130504310)

Dr. Prablia K. Pallav
Head of Department,
E & TC Engineering
Head Of The E& TC Dept.
Sidehant College of Engineerin g
Sudumbare, Naval, Pune- 412103



C. A. Y. M. E. Trust's

Siddhant College of Engineering.

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Date: 17th Feb 2023

List of Project Guides with Choices

Sr. No	Name of Project Guide	Specialization
1.	Dr. Prabhat Pallav	Embedded system
2.	Dr. A. V. Bade	Embedded system
3.	Prof. M. U. Inamdar	TOT, WEN , PLC, ME
4.	Prof G. A. Argade	I mage processing, Es
5.	Prof S. B. Deshmukh	Communication
6.	Prof. S. V. Shelke	Electrical power
7.	Prof K. A. Kadam	WSN, communication

Prof. M.U.Inamdar Project coordinator (9130504310)

Dr. Prabbut K. Pallav
Head of Department,
E & TC Engineering
Head Of The E& TC Dept.
Siddhant College of Engineering
Sudumbare, Kaval, Punc. 412 109



C. A. Y. M. E. Trust's Siddhant College of Engineering.

Department of Electronics and Telecommunication Engineering.

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Date: 22th Feb 2023

Project Title Finalization Notice

All the Students of TE E & TC engineering are hereby informed that Mini Project title finalization is scheduled on 16th Mar 2023 from 09.30am to 04.00 pm at A20 classroom.

In Mini Project Title Finalization, Project Group should explain all the three Project ideas in front of the Panel members. One of the Project Title will be finalized if found proper or changes will be suggested if required.

Details of all the Project ideas should be brought on plain paper. (No PPT presentation is required).

Prof. M.U.Inamdar

Project coordinator (9130504310) Dr. Prabhat K. Pallav Head of Department, E & TC Engineering

Head Of The EATC Dept. Siddhant College of Engineering Sugumbare, Maval, Pure- 412109



C. A. Y. M. E. Trust's Siddhaut College of Engineering. Department of Electronics and Telecommunication Engineering. (Approved by AICTE, Recognized by Govt. of Maharashira and Affiliated to S.P. Pune University & MSBTE) At. Post - Sudumbare, Tal. - Maval, Dist. - Pune, PIN - 412 109. D 02114-661904.

SEM- II (2022-23)

Class:- TE (E & TC)

Date: 17th Mar 2023

Notice

All the students of TE E & TC Engineering are hereby informed that, Mini Project Review-I is scheduled on 19th Mar 2023, at 10.00 am. All the Mini Project Groups are supposed to contact the respective Guides and discuss the status of the project before. Project Groups Should Prepare the Presentation (PPT) for review. Following Points to should be included in Presentation:

- 1. Introduction
- 2. Problem statement
- 3. Objectives
- 4. Concept
- 5. Plan (Complete Plan to Finish the Project)
- 6. Literature Review

This review has weightage of 50% of Term work marks.

Project Groups should prepare the Presentation accordingly.

All the Group members should be present at the time of Project Review.

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Prof. M.U.Inamdar Project coordinator (9130504310)

Head of Department, E & TC Engineering Head Of The E&TC Dept. Siddhant College of Engineering

Sudumbare, Meval, Pune- 412109



C.A. Y. M. E. Trues's Siddhant College of Engineering. Department of Electronics and Telecommunication Engineering (Approved by AICTE, Recognized by Gov. of Milhorashiva and Affiliated to S.P. Pune Universely & AISBTE) At. Post - Sudumbare, Tal. - Maval, Dist. - Pune, PIN - 412 109. - 02114-661904

SEM-II (2022-23)

Class:- TE (E & TC)

Date: 13th Apr 2023

Notice

All the students of TE E & TC Engineering are hereby informed that, Mini Project Review-II is scheduled on 16th Apr 2023, at 10.00 am. All the Mini Project Groups are supposed to contact the respective Guides and discuss the status of the project before. Project Groups Should Prepare the Presentation (PPT) for review. Following Points to should be included in Presentation:

- 1. Introduction
- 2. Problem statement
- 3. Objectives
- 4. Concept
- 5. Plan (Complete Plan to Finish the Project)
- 6. Literature Review
- 7. Design Calculations
- 8. Experimental Layout

This review has weightage of 50% of Term work marks.

Project Groups should prepare the Presentation accordingly.

All the Group members should be present at the time of Project Review.

Prof. M.U.Inamdar Project coordinator (9130504310)

Dr. Prabhat K. Pallav Head of Department, E & TC Engineering Head Of The ESTS Bept. Siddham College of Engineering



C. A. Y. M. E. Trust's Siddhant College of Engineering.

Department of Electronics and Telecommunication Engineering.

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SEM- II (2022-23)

Class:- TE (E & TC)

Date: 8th May 2023

Notice

All the students of TE E&TC Engineering are hereby informed that, Mini Project Review-III is scheduled on 12th May 2023 at 10.00 am. All the Mini Project Groups are supposed to contact the respective Guides and discuss the status of the project before. Project Groups Should Prepare the Presentation (PPT) for review. Following Points to should be included in Presentation:

1.	Introduction				
2.	Problem statement				

3. Objectives

4. Concept

5. Plan (Complete Plan to Finish

the Project)

6. Literature Review

7. Design Calculations

8. Experimental Layout

9. Purchase of Material (Add actual photos)

10. Fabrication Status (Add

actual photos)

11. Assembly (Add actual

photos)

12. Experimentation

13. Analysis (add analysis part if

any)

14. Results

15. Conclusions and References

Presentation will be in front of Project Evaluation Panel. All the Group members should be present at the time of Project Review.

Note:- Project Should be completed at the end of this month. Prepare project report in consultation with your project Guides.

Prof. M.U.Inamdar Project coordinator (9130504310) Dr. Prabbat K. Pallav Head of Department, Essette Enginedingept,



C. A. V. M. E. Trust's Sideham College of Engineering.

Department of Electronics and Telecommunication Engineering.

(Approved by ARTE, Recognized by Gov. of Maharashira and Affiliated to S.P. Pune University & MSBTE)

At Post - Sudumbure, Tal. - Manal, Dist. - Pune, PIN - 412 109 \(\subseteq 02114-661904.\)

SEM- II (2022-23)

Class:- TE (E & TC)

Date: 19th May 2023

Mini Project Contents

- 1. Group formation
- 2. Topic finalization
- 3. Literature Review
- 4. Methodology
- 5. Components selection
- 6. Design Calculations
- 7. Experimental Layout
- 8. Purchase of Components
- 9. Fabrication (PCB Design)
- 10. Assembly
- 11. Experimentation and
- 12. Analysis
- 13. Conclusion and References

Note:- Project Groups should Prepare the project report and has to submit soft copy as well as hard copy (Spiral Binding)

All the project groups are instructed to complete the given tasks in Mini Project.

Prof. M.U. Inamdar Project coordinator (9130504310) Dr. Prabhal K. Pallav Head of Department,

Siddhant College of Engineering Sudumbars, Maval, Pune- 412109



C. A. Y. M. E. Trust's Siddhant College of Engineering.

Department of Electronics and Telecommunication Engineering,

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SEM- II (2022-23)

Class: TE (E & TC)

Date: 21th May 2023

Notice

All the Students members of TE E&TC Engineering are hereby informed that, Mini Project SPPU Oral exam is scheduled on 23rd May 2023. Mini Project evaluation will be for 50 marks (25 marks term work & 25 marks Oral). All the Mini Project Groups are supposed to contact the respective Guides and discuss the status of the project before. Mini Project Groups Should Prepare the report considering following points. (PPT also)

- 1. Introduction
- 2. Problem statement
- 3. Objectives
- 4. Methodology
- 5. Plan (Complete Plan to Finish the Project)
- 6. Literature Review
- 7. Design Calculations
- 8. Experimental Layout

Note:-

1. Prepare PPT presentation of at least 15-20 slides

While presentation each group member has to give the presentation (So divide the presentation among your respective group members)

3. Prepare project report of 25-30 Pages

 Submit 2 Copies of report with Spiral Binding duly signed by Project Guide, Project Coordinator, HOD and Principal. (Refer SPPU syllabus)

5. Carry Logbook and Literature referred during oral exam.

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Prof. M.U. Inamdar Project coordinator (9130504310) Dr. Prabhat K. Pallav Head of Department, Head of Fragingering Head of Fragingering Siddhant College of Engineering Sudumbare, Mayal, Pune-412109

MINI PROJECT REPORT

ON

OBSTACLE AVOIDING ROBOT USING AURDINO

SUBMITTED TO THE SAVITRIBAL PHULE PUNE UNIVERSITY,

IN THE FULFILLMENT OF MINI PROJECT

FOR THE AWARD OF THE DEGREE

OF:

THIRD YEAR E&TC ENGINEERING

BY

Name of the students

Seat no./Roll no.

Shraddha Kisan Palkar

72297746J

Bhavika Santosh Zagade

72297770M

Under the Guidance of

Prof. M.U.Inamdar

CAYMET'S

SIDDHANT COLLEGE OF ENGINEERING



Sudumbare, Talegaon-Chakan Road Tal - Maval, Dist - Pune - 412109.

ACADEMIC YEAR: 2022-23

CERTIFICATE

This is to certify that the project report entitled Obstacle Avoiding Robot having 72297746J & 72297770M is a Bonafede work carried out by him under the supervision of Prof. "M.U.Inamdar" and it is approved for the partial fulfilment of the project part I of the requirement of Savitribai Phule Pune University, for the award of the degree of Bachelor of Engineering (Electronics & Telecommunication).

The Project work has not been earlier submitted to any other institute or university for the award of degree.

Prof.M.U. Inamdar

Project Guide

Prof Prabhat Pallay Head of the East Sept. Siddhant College of Engineering Fund. Head of Department 109

Dr.L.V.kambale

Principal

Place: Sudumbare, Pune

Date: 23/05/2023

A

MINI PROJECT REPORT

ON

TITLE OF THE PROJECT "AUTO WATER PUMP SWITCHER"

SUBMITTED TO THE SAVITRIBAL PHULE PUNE UNIVERSITY,

IN THE FULFILLMENT OF MINI PROJECT
FOR THE AWARD OF THE DEGREE

OF

THIRD YEAR E&TC ENGINEERING

BY

Name of the students:-

Thorat Pratiksha Rajaram

Mohite Pratiksha Lalaso

Roll no:

72297763J

72297737K

Under the Guidance of

Prof. M. U. Inamdar

CAYMET'S
SIDDHANT COLLEGE OF ENGINEERING



Sudumbare, Talegaon-Chakan Road Tal - Maval, Dist - Pune - 412109. ACADEMIC YEAR: 2022-23

CERTIFICATE

This is to certify that the project report entitled "AUTO WATER PUMP SWITCHER", having roll no: 72297763J & 72297737K, is a Bonafede work carried out by him under the supervision of Prof. Prof. M. U. Inamdar and it is approved for the partial fulfillment of the project part 1 of the requirement of Savitribal Phule Pune University, for the award of the degree of Bachelor of Engineering(Electronics & Telecommunication).

The Project work has not been earlier submitted to any other institute or university for the award of degree.

Prof. M. U. Inamdar

Project Guide

Dr. Problet Palley

Head Of The E&TC Dept. Sideard Of Reportbackteering Sudumbare, Maval, Pune-412169 Dr. L. V. Kamble

1 malnu

Principal

Place :Sudumbare,Pune

Date: 201/5/2023

DEVELOPMENT OF AUTOMATED RAIN OPERATED WIPER

MINI PROJECT REPORT

ON

DEVELOPMENT OF AUTOMATED RAIN OPERATED WIPER

SUBMITTED TO THE SAVITRIBAI PHULE PUNE UNIVERSITY, IN THE FULFILLMENT OF MINI PROJECT FOR THE AWARD OF THE DEGREE

OF

THIRD YEAR E&TC ENGINEERING

BY

Name of the students	Seat no./Roll no
1) Pratiksha Akarte	T190443002
2) Aparna Jagtap	T190443006
3) Kedar Kadam	T190443035

Under the Guidance of

Prof. M. U. Inamdar

CAYMET's

SIDDHANT COLLEGE OF ENGINEERING



Sudumbare, Talegaon- Chakan Road Tal - Maval, Dist - Pune - 412109.

ACADEMIC YEAR: 2022-23

CERTIFICATE

This is to certify that the project report entitled "DEVELOPMENT OF AUTOMATED RAIN OPERATED WIPER", having "T190443002, T190443006, T190443035" is a bonafide work carried out by him under the supervision of "Prof. M. U. Inamdar" and it is approved for the partial fulfilment of the project part I of the requirement of Savitribai Phule Pune University, for the award of the degree of Bachelor of Engineering (Electronics & Telecommunication). The Project work has not been earlier submitted to any other institute or university for the award of degree.

Prof. M. U. Inamdar

Project Guide

Dr. Probat pallav

Head Of The E&TC Dept.

Siddleud of Departments Sudumbaro, Mayai, Pune-412103 Dr. L. V. Kamble

Principal

Place: Sudumbare, Pune

Date 22/5/23

3

MINI PROJECT REPORT

ON

TITLE OF THE PROJECT "Voice Controlled Home automation"

SUBMITTED TO THE SAVITRIBAI PHULE PUNE UNIVERSITY,

IN THE FULFILLMENT OF MINI PROJECT

FOR THE AWARD OF THE DEGREE

OF

THIRD YEAR E&TC ENGINEERING

BY

Name of the students:-

Salunke Shubhangi Vilas

Kholamkar Archana Mukund

Guray Nitin Satish

PRN no:

72297762L 72297711F 72297744B

Under the Guidance of Prof. M. U. Inamdar CAYMET's

SIDDHANT COLLEGE OF ENGINEERING



Sudumbare, Talegaon-Chakan Road Tal - Maval, Dist - Pune - 412109. ACADEMIC YEAR: 2022-23

CERTIFICATE

This is to certify that the project report entitled "Voice Controlled Home automation", having PRN no: 72297762L, 72297711F & 72297744B, is a Bonafede work carried out by him under the supervision of Prof. Prof. M. U. lnamdar and it is approved for the partial fulfilment of the project part I of the requirement of Savitribai Phule Pune University, for the award of the degree of Bachelor of Engineering(Electronics & Telecommunication).

The Project work has not been earlier submitted to any other institute or university for the award of degree.

Prof. M. U. Inamdar

Project Guide

Dr. Prochat Pallav Head Of The E&TC Dept. Siddings Sollege 6 Fredereding Sudumbare, Maval, Pune-412109

Dr. L. V. Kamble

Principal

Place:Sudumbare,Pune

Date : 22/05/2023

MINI PROJECT REPORT

ON

SOUND LEVEL DETECTOR

SUBMITTED TO THE SAVITRIBAI PHULE PUNE UNIVERSITY, IN THE FULFILLMENT OF MINI PROJECT

FOR THE AWARD OF THE DEGREE

OF

THIRD YEAR E&TC ENGINEERING

BY

Name of the students

Seat no./Roll no.

1.Rajani Ramarao Mali

T190443063

2.Rutuja Suresh Peje

T190443060

3 Vaishnavi Handore

T190443029

Under the Guidance of

Prof. M.U.Inamdar

CAYMET's

SIDDHANT COLLEGE OF ENGINEERING



Sudumbare, Talegaon-Chakan Road Tal - Maval, Dist - Punc - 412109.

ACADEMIC YEAR: 2022-23

CERTIFICATE

This is to certify that the project report entitled Sound level detector having T190443063, T190443060 & T190443029 is a Bonafede work carried out by him under the supervision of Prof. "M.U. Inamdar" and it is approved for the partial fulfilment of the project part I of therequirement of Savitribia Phule Pune University, for the award of the degree of Bachelor of Engineering (Electronics & Telecommunication).

The Project work has not been earlier submitted to any other institute or university for the award of degree.

Prof. M.U. Inamdar

Prof. Prathat Pallay

Dr. I. V. Kambale

College

Project Guide

Head of Department Head Of The E&TC Dept. Siddhant College of Engineering Sudumbare, Mavai, Pune- 412109 Principal

Place: Sudumbare, Pune

Date: 23/05/2023

Savitribai Phule Pune University

Third Year of E & Tc Engineering (2019 Course)

304199: Internship

Teaching Scheme:	Credit	Examination Scheme:
**	04	Term Work: 100 Marks

Course Objective:

- Will expose technical students to the industrial environment, which cannot be simulated in the classroom and hence creating competent professionals for the industry.
- Provide possible opportunities to learn, understand and sharpen the real time technical / managerial skills required at the job.
- Exposure to the current technological developments relevant to the subject area of training.
- Experience gained from the 'Internship' will be used in classroom discussions.
- Create conditions conducive to quest for knowledge and its applicability on the job.
- Learn to apply the Technical knowledge in real industrial situations.
- Gain experience in writing Technical reports/projects.
- Expose students to the engineer's responsibilities and ethics.
- Familiarize with various materials, processes, products and their applications along with relevant aspects of quality control.
- Promote academic, professional and/or personal development.
- Expose the students to future employers.
- Understand the social, economic and administrative considerations that influence the working environment of industrial organizations.
- Understand the psychology of the workers and their habits, attitudes and approach to problem solving.

Course Outcomes: On completion of the internship, learner will be able to –

CO1: To develop professional competence through internship.

CO2: To apply academic knowledge in a personal and professional environment.

CO3: To build the professional network and expose students to future employees.

CO4: Apply professional and societal ethics in their day to day life.

CO5: To become a responsible professional having social, economic and administrative considerations.

CO6: To make own career goals and personal aspirations.

Internships are educational and career development opportunities, providing practical experience in a field or discipline. Internships are far more important as the employers are looking for employees who are properly skilled and having awareness about industry environment,



C. A. Y. M. E. Triox's
Siddhaur College of Engineering.
Department of Electronics and Telecommunication Engineering.

(Approved by ASTE Recognized by Gost, of Maharushira and Affiliated to S.P. Pune University & MSBTE).

At. Post - Sudiambare, Tal. - Marial, Dist. - Pune, PIN - 412 109. □ 02114-661904

SEM- II (2022-23)

Class: - TE (E & TC)

Date: 18th Jan 2023

INTERNSHIP NOTICE

All the Students of TE E & TC (2022-23) are hereby informed that after the completion 5th semester have to undergo a mandatory 4-6 week internship during the period from 21th Jan 2023 to 15th Feb 2023.

Prof. Gectanjali Argade Internship coordinator (Dept. TPC) (8605431518) Dr. Prabbet K. Pallav
Head of Department,
E & TC Engineering
Head Of the East Dept.
Siddhant College of Engineering
Sudumbare, Mayal, Pune-412109



C. A. Y. M. E. Trust's

Slddhant: College of Engineering.

Department of Electronics and Telecommunication Engineering.

(Approved by ACTE, Recognized by Govt. of Maharashtva and Affiliated to S.P. Pune University & ACSBTE!

At. Post - Sudambare, Tal. - Maval. Dist. - Pune, PIN - 412 109.

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SEM- II (2022-23)

Class:- TE (E & TC)

Date: 22th Feb 2023

NOTICE

All students of TE are hereby informed that Internship Report and week wise Review for Semester II is scheduled on following dates

Date	Review No.	Time	Location
13/03/2023	1	10 AM- 4 PM	A20 Classroom
11/04/2023	11	10 AM-4 PM	A20 Classroom
12/05/2023	111	10 AM- 4 PM	A20 Classroom

The report shall be presented covering following recommended fields but limited to:

- > Title/Cover Page
- > Internship completion certificate.
- ➤ Internship Place Details-Company background-organization and activities/Scope and object of the study / personal observation.
- ➤ Index/Table of Contents
- > Introduction
- ➤ Title/Problem statement/objectives

- Motivation/Scope and rationale of the study
- > Methodological details
- ➤ Results / Analysis /inferences and conclusion
- Suggestions / Recommendations for improvement to industry, if any
- Attendance Record
- List of reference (Library books, magazines and other sources)

Prof. Geetanjali Argade Internship coordinator (Dept. TPC) (8605431518) Dr. Prablist K. Pallav Head of Department,

Securant College of Engineering Sudumbare, Mayal, Pune 412109

CAYMET'S

SIDDHANT COLLEGE OF ENGINNERING, SUDUMBARE

Sudumbare, Mayal, Pune:412109

	Class: TE(E & TC) Internship Internship Data 2022-2023	Subject Teacher: 1			
St. No.	Name of the Candidates			ate:15/5/26	23
1	AKARTE PRATIKSHA SANJAY	Company Name	Starting Date	End date	No.of week
2		GKN fokker Elmo Pvt Ltd	1/21/2023	2/24/2023	4
3	AMBEKAR MANDIRA VITTHAL	GE Aviation	1/21/2023	3/4/2023	6
4	APARNA ADHIK JACTAP	K.K power solutions pvt ltd	1/23/2023	2/25/2023	3
5	ARCHANA MUKUND KHOLAMKAR.	Cognificant	1/21/2023	2/21/2023	4
6	AWAGHADE GAURI RAJESH	K.K power solutions pvt ltd	1/23/2023	2/25/2023	5
7	BARHATE PRATIKSHA ARVIND	Systech Automation systems	1/21/2023	2/18/2023	4
8	BATWAL PRASAD LAXMAN	Kalp tech solutions pvt ltd	1/21/2023	2/18/2023	4
9	BHAGWAT SAKSHI GANESH	Shiv electronics Pvt Ltd	1/20/2023	2/16/2023	6
• 10	BHASE AKANKSHA DHYANESHWAR	Infovoices pvt Ltd	1/21/2023	2/20/2023	4
11	BHOSALE AKANKSHA BHASKAR				
-	BHOSALE DIPESHWARI DADARAJE	R.S Process Systems Pvt Ltd	Printer Charles Co.	2/26/2023	4
13	DANGE ABHISHEK DILIP	Infovoices pvt Ltd	1/21/2023	2/20/2023	4
14	GAIWAD RAJESHWARI VIJAY	Shiv electronics Pvi Ltd	1/20/2023	2/16/2023	6
-	GHOGARE KANCHAN ARUN	K.K. power solution Pvt LTD	1/23/2023	2/25/2023	5
15	GOMANE ASHISH ATMARAM	GE Aviation	1/21/2023	3/4/2023	6
16	HANDORE VAISHNAVI VILAS	Philips Global Business Servi	1/21/2023	2/20/2023	4
17	JADHAV ASHWINI KAMCHANDRA				集
18	JADHAV YESHWANT KRISHNA	Infevoices pvt Ltd	1/21/2023	2/20/2023	4
19	JAMBLE AMOL NANDKUMAR	Volgend Technologies Pvt. Lt	1/21/2023	2/18/2023	4
20	KACHARE YASH KUMAR	K.K. power solution Pvt LTD	1/23/2023	2/25/2023	.5
21	KADAM KEDAR SAHEBRAO	Infovoices pvt Ltd	1/21/2023	2/20/2023	4
22	KARLE ARCHANA SHESHRAQ	K.K. power solution Pvt LTD	1/23/2023	2/25/2023	5
23	KHADAGE ADITYA MANOHAR	GE Aviation	1/21/2023	3/4/2023	6
. 24	LOKHANDE SAMARTH SANJAY	Volgend Technologies Pvr. Lt	1/21/2023	2/18/2023	4
25	MAHESH SUDHAKAR EKHANDE	Volgend Technologies Pvt. Lt	1/21/2023	2/18/2023	(4)
26	MANE PRITEE HIMMATRAG	GE Aviation	1/21/2023	3/4/2023	6
27	MESHRAM HRITIK				
28	MOHITE PRATIKSHA LALASO	Volgend technologies Pvt.ltd	1/21/2023	2/18/2023	4
29	MONIKA SUNIL DHAWALE	HP Tronic Pvt.Ltd.	SECTION SECTION SECTION	3/15/2023	6
30	MULUK SARVESH MARUTI				
31	NAIK ABHURET ARVIND	Kalp tech solution pvt hd	1/21/2023	2/18/2023	- 4
32	NHAVI VISHRAM SHASHIKANT	K.K. power solution Pvt LTD	-	2/25/2023	5
33	NIKAM PRASHANT BHIMRAO	K.K. power solution Pyt LTD	OWN STATES	2/25/2023	5
34	NITIN SATISH GURAV	Kalp tech solution pvt ltd	1/21/2023		
35	ONKAR RAJKUMAR TAKALE	Kalp tech solution pvt ltd		2/18/2023	4
36	PALKAR SHRADDHA KISAN	Committee of the Commit	1/21/2023	2/18/2023	4
37	PANDE ROHINI ASHOK	Jayashree Electron Pvt, Ltd.	1/21/2023	2/20/2023	5
1000	PATIL ANIALI ANANT	GE Aviation	1/21/2023	3/4/2023	6
38		GE Aviation	1/21/2023	3/4/2023	6
39	PATIL PRATIKSHA SANJAY	Volgend technologies Pvt.ltd	1/21/2023	2/18/2023	4
40	PAWAR SAYALI SATISH	Kalp tech solution pvt itd	1/21/2023	2/18/2023	4
41	PENDEKAR VIKAS MARUTI	K.K. power solution Pvt LTD	1/23/2023	2/25/2023	.5

42	PEJE RETUR SUBESH	Kalp tech solution pvt Itd	1/21/2023	2/18/2023	4
43	PRAVIN HARIDASRAO GULHANE	Volgend technologies Pvt.ltd	1/21/2023	2/18/2023	4
44	RAJANI RAMRAO MALI	Kalp tech solution pvt ltd	1/21/2023	2/18/2023	4
45	SAWANT SALONI GANESH	K.K. power solution Pvt LTD	The second second	2/25/2023	5
45	SHAIKE ZEBA AFSAR	GE Aviation	3/14/2023	4/19/2023	5
47	SHINDE RORIT AND	Infovoices, pvt./td	1/21/2023	2/20/2023	4
48	SHUBHANGI VILAS SALUNKE	NS*2 INFOTECH PVT. LTD		2/18/2023	4
49	THORAT PRATIKSHA RAJARAM	GE Aviation	1/21/2023	3/4/2023	6
50	TORASKAR MARUTI SHANKAR	Volgend technologies Pvt Itd	1/21/2023	2/18/2023	4
51	UMAP RUTUJA RAMESHRAG	Infovoices. pvt.ltd	1/21/2023	2/20/2023	4
52	UMESH SUDAM NAGARE	Kalp tech solution pvt ltd	1/21/2023	2/18/2023	4
53	WAGHMARE AMAN ARUN			7.	
54	WANI YASHASWI SANJAY	Infovoices, pvt.kd	1/21/2023	2/20/2023	4
55	ZAGADE BHAVIKA SANTOSH		1/21/2023	2/20/2023	5
56	BHOSALE KARAN MANAJI	Volgend technologies Pvt.ltd	1/21/2023	2/18/2023	4
57	ROHIT JADHWAR		2.007.25050	50750000	701

Prof. Geetanjali Argade

1&P Coordinator

Prof. M.U.Inamdar

Dr. L.V. Kamble

11



C. A. V. M. E. Triesi's Siddhant College of Engineering. Department of Electronics and Telecommunication Engineering. (Approved by AICTE, Recognized by Gove of Makarashtra and Affiliated to S.P. Pune University & MSRTE) At. Post - Sudimbare, Tol. - Maral, Dist. - Pine, PIN - 412 109. 402114-661904.

SEM- II (2022-23)

Class: - TE (E & TC)

Date: 19th May 2023

NOTICE

All the Students members of TE E&TC Engineering are hereby informed that, Internship SPPU Term work exam Submission is scheduled on 22th May 2023, Thursday. Internship evaluation will be for 100 marks. All the students' members are supposed to contact the Internship Coordinator (Dept. TPC) and discuss the status of the internship report before 21th May 2023. All students should prepare the Internship report considering following points:

Note: - All students should prepare the Internship report considering following points:

Prepare internship report of 25-30 Pages

2. Submit I Copy of report with Spiral Binding duly signed by Internship coordinator (Dept. TPC) and HOD (Refer SPPU syllabus)

3. Carry logbook (week wise report) and Original internship certificate with you at the time of submission.

Prof. Geetanjali Argade Internship coordinator (Dept. TPC) (8605431518)

E & TC Engineering Head Of The EATC Dept. Siddhant College of Engineering Sudumbare, Maval, Pune- 412109

Dr. Prabbat K. Pallav

Head of Department,

INTERNSHIP REPORT

A report submitted in partial fulfillment of the requirements for internship program of

Third year of engineering

By
Vikas Maruti Pednekar
Under supervision of
K. K. Power Solutions Ltd.
Pune
(Duration 23rd January, 2023 to 25th February, 2023)



Department of electronics and telecommunication Siddhant Collage of Engineering,

APPROVED BY AICTE, RECOGNIZED BY DTE (GOVT.) & AFFILIATED TO SAVITRIBAI PHULE PUNE UNIVERSITY

(Formerly Known as University of Pune)

Sudumbare, Taluka: Maval District: Pune

Department of electronics and telecommunication Siddhant Collage of Engineering,

APPROVED BY AICTE, RECOGNIZED BY DTE (GOVT.) & AFFILIATED TO SAVITRIBAI PHULE PUNE UNIVERSITY

Sudumbare, Taluka: Maval District: Pune



CERTIFICATE

This is to certify that the "Internship report" submitted by Vikas Maruti Pednekar (Reg. No.: 72297751E) is work done by her and submitted during 2022-2023 academic year, in partial fulfillment of requirements for internship program of third year of electronics and telecommunication engineering at K. K. Power Solutions Ltd. Pune.

Department Internship coordinator

Prof.Geetanjali Argade

Head Of the department

Dr. Pallav Prabhat

Head Of The E&FC Dept.

Siddhant College of Engineering
Sudumbare, Maval, Pune- 412109

INTERNSHIP REPORT

A report submitted in portion fulfillment of the requirements for internality program of

Tring year of engineering

Ba

Yash Kumar Kachare

Under supervision of

K. K. Power Solutions littl.

Fune

Duration 23rd January, 2023 to 25th February, 2023



Department of electronics and telecommunication

Siddhant Callage of Engineering,

APPROVED BY AICTE. RECOGNIZED BY DTE (GONT.) & AFFILIATED TO SANTTRIBLE PHILLS PLINE DIMERSON

Formerly forown to University of Pune

Sudumbare, Taluka: Maval District: Pune

Department of electronics and telecommunication Siddhant Collage of Engineering,

APPROVED BY AICTE, RECOGNIZED BY DTE (GOVT.) & AFFILIATED TO SAVITRIBAI PHULE PUNE UNIVERSITY

Sudumbare, Taluka: Maval District: Pune



CERTIFICATE

This is to certify that the "Internship report" submitted by Yash Kumar Kachare (Reg. No.: 72297727B) is work done by her and submitted during 2022-2023 academic year, in partial fulfillment of requirements for internship program of third year of electronics and telecommunication engineering at K. K. Power Solutions Ltd. Pune.

Department Internship coordinator

Prof.Geetanjali Argade

Head Of the department

Dr. Pallav Prabhat

riead Of The E&TC Dept.
Siddhant College of Engineering
Supumbare, Mayal, Pune-41216

INTERNSHIP REPORT

A report submitted in partial fulfillment of the requirements for the Award of Degree of

THIRD YEAR OF ENGINEERING

in

ELECTRONICS AND TELECOMMUNICATION ENGINEERING

by

RUTUJA RAMESH UMAP PRN NO. – 72297765E

Under Supervision of MS. SHRIYA PAGUI HR, Infovoices Pvt. Ltd. Hinjewadi.

(Duration: 21 January 2023 to 20 February 2023)



DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION ENGINEERING

SIDDHANT COLLEGE OF ENGINEERING

(Hindi Linguistic Minority Institute)

Approved by AICTE, Recognized by D.T.E., Govt. of Mah. And Affiliated to the SPPU & MSBTE

A/P - Sudumbare, Tal. - Maval, Dist. - Pune, PIN - 412109.

CERTIFICATE

This is to certify that the "Internship report" submitted by Rutuja R. Umap, PRN NO. – 72297765E is work done by him and submitted during 2022–2023 academic year, in partial fulfillment of the requirements for the award of the degree of BACHELOR OF ENGINEERING in ELECTRONICS AND TELECOMMUNICATION ENGINEERING, at Infovoices Pvt. Ltd. Hinjawadi.

Prof. Geetanjali A. Argade

3

Department Internship Coordinator

Prof. Prablat Kumar Pallav

Head of the Department Department of E&TC

Head of The BOOC Bept. Siddhant College of Engineering Sudumbers, Mayel, Pune-412109

INTERNSHIP REPORT

A report submitted in partial fulfillment of the requirements for the Internship Program of

THIRD YEAR OF ENGINEERING

in

ELECTRONICS AND TELECOMMUNICATION ENGINEERING

by

KEDAR S. KADAM PRN NO. – 72297728L

Under Supervision of MS. SHRIYA PAGUI HR, Infovoices Pvt. Ltd. Hinjewadi.

(Duration: 21 January 2023 to 20 February 2023)



DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION ENGINEERING

SIDDHANT COLLEGE OF ENGINEERING

(Hindi Linguistic Minority Institute)

Approved by AICTE, Recognized by D.T.E., Govt. of Mah. And Affiliated to the SPPU & MSBTE

A/P - Sudumbare, Tal. - Maval, Dist. - Pune, PIN - 412109.

CERTIFICATE

This is to certify that the "Internship report" submitted by KEDAR S. KADAM, PRN NO. – 72297728L is work done by him and submitted during 2022–2023 academic year, in partial fulfillment of the requirements for the internship program of THIRD YEAR OF ENGINEERING in ELECTRONICS AND TELECOMMUNICATION ENGINEERING, at Infovoices Pvt. Ltd. Hinjawadi.

Prof. Geetanjali A. Argade

Department Internship Coordinator

Prof. Prabhat Kumar Pallav

Head of the Department

Department EAC DETC Siddhant College of Engineering Sudumbare, Mayal, Pune- 412109

INTERNSHIP REPORT

A report submitted in partial fulfillment of the requirements for internship program of

Third year of engineering

By Amol Jamble

Under supervision of
Mr.Rohit Patil, HR
Volgend Technologies Pvt. Ltd
Pune
(Duration 21st January, 2023 to 18th February, 2023)



Department of electronics and telecommunication Siddhant Collage of Engineering,

APPROVED BY AICTE, RECOGNIZED BY DTE (GOVT.) & AFFILIATED TO SAVITRIBAI PHULE PUNE UNIVERSITY

(Formerly Known as University of Pune)

Sudumbare, Taluka: Maval District: Pune

Department of electronics and telecommunication Siddhant Collage of Engineering,

APPROVED BY AICTE, RECOGNIZED BY DTE (GOVT.) & AFFILIATED TO SAVITRIBAI PHULE PUNE
UNIVERSITY

Sudumbare, Taluka: Maval District: Pune



CERTIFICATE

This is to certify that the "Internship report" submitted by Amol Jamble (Reg. No.: 72297726D) is work done by him and submitted during 2022-2023 academic year, in partial fulfillment of requirements for internship program of third year of electronics and telecommunication engineering at Volgend Technologies Pvt. Ltd. Pune.

Department Internship coordinator

Prof.Geetanjali Argade

Head Of the department

Dr.Pallav Prabhat



InternshipLetter

This letter is to certify that Mr. IAYESH DIPAK KULKARNI has worked in our organization as a Digital Marketing Intern. He had started working here on 10th February 2022 and worked till 10th May 2022. He had served 3 months in our organization.

He had been very responsible till the date he had joined. He had enriched himself with lots of skills and work experiences to date. Some of his mind-blowing skills include SEO. Social Media Management, Blogging, and content creation.

Apart from his love and devotion he had also been a very good and kind man and always maintained a good relationship with everyone. We are really glad to have such a generous personality among us.

Wishing him the best of his luck in his career.

Sincerely.

(OM

Managing Director (Chetashri Amale)

www.microinhub.com

M:9527232389

E: contact@microinhub.com

Address: A-209, KPCT Mall, Fatima Nagar, Hadapsar, Pune

+919960417935 mwellsoftwaresolutions@gmail.com



INTERNSHIP COMPLETION LETTER

We are glad to inform you that Miss. Akshata Parchande from Mwell Software Solutions has successfully completed her internship for Joining date 01-03-2022 to 30-04-2022 for During her Internship ,She was exposed to the various activities in Java Internship

We Found her extremely inquisitives and hardworking. She was very much interested to learn the functions of our core division and also willing to put her efforts and get into the depth of subject to understand it better.

Her association with us is very fruitful and we wish her all the best in her future endeavours.

Signatory Authority.

will Software Solutions

Mr. M.S Patil

(Director)

Mwell Software Solutions, Punc

PUNK ATT BEET



TO WHOME IT MAY CONERN

This is to certify that Mr. Dhawal Bhupendra Tank has done his internship in Python Development, Pune from 14th February, 2022 to 14th May, 2022.

During his internship, he was exposed to the various activities in the Python Development domain, implementing Python Framework, Python Library and MongoDB skills.

We found extremely Inquisitive and dedicated. He was very much interested in getting into the depth of the subject to understand it better.

His association with us was fruitful and we wish him all the best in this future endeavors.

For CRB Tech Solutions Pvt. Ltd.

100

HR Department

CONTRACTOR OF THE PARTY OF THE



INTERNSHIP COMPLETION LETTER

We are glad to inform you that Mr.Canesh Sudam Jadhav from Mwell Software Solutions has successfully completed his internship for 1° Feb 2022 to 30° March 2022 During his Internship, he was exposed to the various activities in Java Internship

We Found him extremely inquisitives and hardworking the was very much interested to learn the functions of our core division and also willing to put his efforts and get into the depth of subject to understand it better.

His association with us is very fruitful and we wish him all the best in his future endeavours.

Signatory Authority.

For MWell Software Solutions

The Chil

Mr. M.S Patil

(Director)

Mwell Software Solutions, Punc

D 26. Laxmi Tara Mari et depigara Park, filosoftalligo Fallick, 41 1035



INTERNSHIP LETTER

Date: 24 Apr 2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ujwala Bansode did internship in our organization as Software Developer from 20 Oct 2021 to 20 Apr 2022. During this tenure She has undertaken various tasks in our Technical Department and has successfully completed them to the best of her abilities.

During his tenure with us we found her to be good, hardworking and honest in performing her duties.

We wish her all the best for future endeavours.



GKN Fokker Elmo India Pvt. Ltd.



Date: 07th April 2023

Name: Pratiksha Akarte

Empl. No: 500257

To whom so ever it may concern,

It is to certify that Pratiksha Akarte has completed internship with GKN Fokker Elmo India Pvt. Ltd from 23rd January 2023 to 24th February 2023.

She worked under the direct supervision of the Team leader and got the opportunity to work in Cutting & Marking department. Along with her other duties, she was responsible for managing the timelines of the projects she was working on. Her manager is pleased with her timely highlighting and managing of any delays, which could have affected the project completions.

She is a quick learner, and she learned our operations system and organizational culture quickly. With her eagerness to learn, she developed various skills while working with us. Her team collaboration skills and friendly nature made her part of our organization even during the first week. She outdid the expected performance, and we are happy to have the opportunity for training such an enthusiastic candidate.

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We wish her the best of luck for all her endeavors.

Regards,

Ashwini Kulkarni

Human Resources Manager



GE Aviation
GE India Industrial Pvt Ltd Chakan
MIDC Phase II, A-78/1,
Vasuli Village, Khed TalokPune
MH 410501

Date: 03/04/2023(MM/DD/YYYY)

To Whomsoever it may concern

This letter is to certify that Mandira Vitthal Ambekar has worked as an internship from 01/20/2023(MM/DD/YYYY) to03/04/2023(MM/DD/YYYY).

Mandira Ambeker has successfully completed the Training. For GE India Industrial Pvt Ltd,



Ashutosh Dubey Project Manager GE South Asia

CE ladds ladustrial Pre Ltd., Registered Office: A-18, First Floor Okhla ladustrial Ares Phase II New Bells South Bells 110020 CIN: USI S000C1992PTC194724p

Savitribai Phule Pune University

Fourth Year of E & Tc Engineering (2019 Course)

404188: Project Phase – I

Teaching Scheme:	Credit	Examination Scheme:
Practical: 02 Hrs. / Week	01	Term Work: 50 Marks

Course Objectives:

- To understand the basic concepts & broad principles of projects.
- To understand the value of achieving perfection in project implementation & completion.
- To apply the theoretical concepts to solve real life problems with teamwork and Multidisciplinary approach.
- To demonstrate professionalism with ethics; present effective communication skills and relate engineering issues to broader societal context.

Course Outcomes:

- **CO1: Demonstrate** a sound technical knowledge in field of E&TC in the form of project.
- CO2: Undertake real life problem identification, formulation and solution.
- **CO3: Design** engineering solutions to complex problems utilizing a systematic approach.
- **CO4: Demonstrate** the knowledge, effective communication skills and attitudes as professional engineer.

Project phase 1 is an integral part of the project work. The project work shall be based on the knowledge acquired by the student during the graduation and preferably it should meet and contribute towards the needs of the society. The project aims to provide an opportunity of designing and building complete system or subsystems in the field of Electronics and communication where the student likes to acquire specialized skills. The student shall prepare the duly certified Fourth report of project work in standard format for satisfactory completion of the work by the concerned guide and head of the Department/Institute.

Guidelines:

- 1. Group Size: The student shall carry the project work individually or by a group of students. Optimum group size shall be 3 students. However, if project complexity demands a maximum group size of 4 students, the project committee should be convinced about such complexity and scope of the work. Projects selected should meet and contribute towards the needs of the society.
- 2. Selection and approval of topic: Topic should be related to real life application in the field of Electronics and Telecommunication engineering.
- 3. The topic may be based on: Investigation of the latest development in a specific field of Electronics or Communication / The investigation of practical problem in manufacture and / or testing of electronics or communication equipment/ Software based projects related to VHDL, Communication, Instrumentation, Signal Processing agriculture Engineering etc. with the justification for techniques used / any topic in the field of E&TC may be allowed.
- 4. Interdisciplinary projects should be encouraged. The examination of Interdisciplinary projects shall be conducted independently in respective departments.
- 5. The term work assessment of project phase 1 shall be based on Innovative Idea of selected project, literature survey, Depth of understanding, Applications, Individual contributions, presentation, project report, timely completion of work.
- 6. The department should prepare project planner and should follow accordingly
- 7. A log book of work carried out during the semester should be maintained with weekly review remarks by the guide and committee.
- 8. A certified copy of report preferably using LATEX is required to be presented to external examiner at the time of Fourth examination.
- 9. The project report must undergo by plagiarism check and the similarity index must be less than 15%. The plagiarism report should be included in the project report.

Savitribai Phule Pune University

Fourth Year of E & Tc Engineering (2019 Course)

404197: Project Phase – II

Teaching Scheme:	Credit	Examination Scheme:
Practical: 10 Hrs. / Week	05	Term Work: 100 Marks
		Oral: 50 Marks

Project phase 2 is extension of Project phase 1 carried out in seventh semester. The student shall prepare the duly certified Fourth report of project work in standard format preferably in LATEX for satisfactory completion of the work by the concerned guide and head of the Department/Institute.

GUIDELINES

- 1. The project TW/OR assessment shall be based on Live Project Demonstration and presentation by the students. The assessment parameters shall be Innovative Idea of selected project, literature survey, Depth of understanding, Applications, Individual contributions, presentations, project report, timely completion of work (Project review presentations), participation in project competition, publication of research work in journal/conference, publication in the form of patent and copyright etc. The college can prepare the rubrics based on these parameters
- 2. Certified hard bound project report to be submitted by the students in prescribed format.
- 3. Students must preferably publish at least one technical paper on project work in the conference or peer reviewed Journals or publish patent or copyright or should participate into one of the project competition at university/State/National/International level.
- 4. A log book of work carried out during the semester should be maintained with weekly review remarks by the guide and committee.
- 5. A certified copy of report preferably using LATEX is required to be presented to external examiner at the time of Fourth examination.
- 6. The project report must undergo by plagiarism check and the similarity index must be less than 10%. The plagiarism report should be included in the project report.

Savitribai Phule Pune University

Fourth Year of E & Tc Engineering (2019 Course)

404197: Project Phase – II

Teaching Scheme:	Credit	Examination Scheme:
Practical: 10 Hrs. / Week	05	Term Work: 100 Marks
		Oral: 50 Marks

Project phase 2 is extension of Project phase 1 carried out in seventh semester. The student shall prepare the duly certified Fourth report of project work in standard format preferably in LATEX for satisfactory completion of the work by the concerned guide and head of the Department/Institute.

GUIDELINES

- 1. The project TW/OR assessment shall be based on Live Project Demonstration and presentation by the students. The assessment parameters shall be Innovative Idea of selected project, literature survey, Depth of understanding, Applications, Individual contributions, presentations, project report, timely completion of work (Project review presentations), participation in project competition, publication of research work in journal/conference, publication in the form of patent and copyright etc. The college can prepare the rubrics based on these parameters
- 2. Certified hard bound project report to be submitted by the students in prescribed format.
- 3. Students must preferably publish at least one technical paper on project work in the conference or peer reviewed Journals or publish patent or copyright or should participate into one of the project competition at university/State/National/International level.
- 4. A log book of work carried out during the semester should be maintained with weekly review remarks by the guide and committee.
- 5. A certified copy of report preferably using LATEX is required to be presented to external examiner at the time of Fourth examination.
- 6. The project report must undergo by plagiarism check and the similarity index must be less than 10%. The plagiarism report should be included in the project report.



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Siddhant College of Engineering.

Department of Electronics and Telecommunication Engineering.

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As Pane Summahar, Tel. Manal. (Nat. Pane, P.W. 11) 109 021(4-66190).

SEM-1 (2022-23)

Class: - BE (E & TC)

Date: 27th July 2022

Notice (Project Group Formation)

All the Students of BE E & TC (2022-23) are hereby informed to form their project groups for final year projects. The last date of Project group submission is 30 July 2022, Saturday. Follow the guidelines given below while forming the project groups:

- Project groups should be of 3 to 4 members only (less members are not allowed).
- In case any student is year down in the group, vacancy will be filled by project coordinator
- Once Project group is submitted no changes will be entertained.
- While filling Google form write your full name in given sequence only, with correct mail ids and mobile numbers which will be used for further communication throughout the year.
- To avoid further consequences try to form the project groups with the students with proper understanding and discussion. No disputes or other queries except project work will be entertained by Project Guide, Project Coordinator or HOD.
- After project group formation search for project topics which will be selected by panel members after presentation of selected topics
- 7. Project Guides will be allotted by Project Coordinator and HOD on 2th August 2022

 Note: Project group submission link https://forms.gle/SwTH9htTviGZP75B7

Prof. M.U. Insurdar Project coordinator (9130504310)

Dr. Prabaat K. Pallav Head of Pap BANG Slept. Sidehaer Dolling with respecting Sudumbare, Maval, Pure- 412109



C. A. Y. M. E. Trust's Siddham College of Engineering Department of Electronics and Telecommunication Engineering. Experience by AR-TE. Recogniced by Gain of Hadarashina and Affiliated to S.P. Pine University & MSREE. At Past Sudambave. Fol. - Manual. Dist. - Pine, PIN - 112 100 - 02114-661904

Date: 27th July 2022

List of Project Guides with Choices

Sr. No	Name of Project Guide	Specialization
1.	Dr. Prabhat Pallav	Embedded System
2.	Prof M U Inamdar	Embedded System
3.	Prof A V Bade	IOT, WSN,PLC,MC,
4,	Prof G A Argade	Image processing, ES, Communication, AI
5.	Prof S B Deshmukh	IOT, AI, WSN, Communication
6.	Prof S V Shelke	Electrical power system
7,	Prof K A Kadam	WSN, Communication

Prof. M.U.Inamdar Project coordinator

(9130504310)

Dr. Prabhat K. Pallav Head of Department, E & TC Engineering Head Of The E&FC Dept. Siddhant College of Engineering Sudumbare, Naval, Pune- 412109

Siddhant College of Engineering, Sudumbare, Pune ELECTRONICS AND TELECOMMUNICATION ENGINEERING DEPARTMENT

lass: BE (E&TC	Project Group list 2	022-23
Group No	Students Name	Signature
		Any
(%)	AMIT RAMCHANDRA KOKARE	Spoitk.
1	CHOWDHARY KAMLESH SHIVKARAN	CAPS
	DHENGALE PRANJAL KASHINATH	788
250	KHALADKAR KULDIP SADASHIV	Kuldes
2	KUMAWAT HARSHAL VASANTRAO	
	KALE AMOL KASHINATH	Huge name
900	DANGE AMRUTA DILIP	ADD.
3	SHEWALE ASHWINI ASHOK	In the water
	KAMBLE VAIBHAVSHALI RAJENDRA	V. Kumble
	MANDAVKAR MANGESH RAMESH	reassed.
4	GADE DHANSING HARIDAS	D Gode
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5	PRAMOD GANPATRAO DHONUKSHE	DuPtermo
	GADE ATUL RAGHUNATH	A Grade
	KACHARE KUNAL RAJARAM	1x. kachan
6	PUNAM PANDURANG SIRASE	Jaman .
	GHOTALE UJWALA REVANSIDDH	-U-Gholale
	ADEKAR SHREYA ANAND	Shacyan
7	KHARE NISHA PRABHAKAR	+Kahar
	BHUJBAL KALYANI ANIL	10 mg
144	SALUNKHE AKSHAY MARUTI	Akshouls
8	KADAM PRASHANT BALASAHEB	KADAME
	KHANVILKAR DHANANJAY INDRAJIT	D TKran
- Sau 3	MOHITE ADITYA ANGAD	Amolite.
9	SHINDE SAMEER DNYANESHWAR	001
	MUNGASE SURAJ SANJAY	Sweet
2000	BIRADAR KRANTI NETAJI	Biradan
10	BIRAJDAR SAURABH RAJARAM	- Executions.
	BIRAJDAR SNEHA RAJARAM	surg.B.
	VISHAL BABAN MISAL	Visla
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12	DUBEY VIJAY SATYANARAYAN	Water .

Ja:

Project Coordinator Prof. M.U Inamdar #

Head of The EARS Dept. Siddhant College of Engineering Sudumbare, Mavel, Pune- 412109

Siddhant College of Engineering Department of Electronics and Telecommunication

BE (E&TC) A. Y. 2022-23

Project stage 1

2	Remark (Sign)	Guide Nume	Student Name	Group No	oll No
	10		SALUNKHE AKSHAY MARUTI	G2201	1
0	1ku	Prof.Kure Namita	KHANVILKAR DHANANJAY INDRAJIT		2
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		Prof.Inamdar M.U	BHUJBAL KALYANI ANIL		11
_			KHARE NISHA PRABHAKAR		12
	CON		KALE AMOL KASHINATH	G2205	13
	179	Prof, Prabbat Pallay	KHALADKAR KULDIP SADASHIV		14
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	-		KHATRI KEDAR RAMESHKUMAR	G2206	16
		Prof.Inamdar M.U	GADE ATUL RAGHUNATH	9208676 // !	17
	1 6		PRAMOD GANPATRAD DHONUKSHE		18
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22	G2208	AMIT RAMCHANDRA KOKARE		
23		CHOWDHARY KAMLESH	Prof.Prabhat Pallav	CNA
-		DUBEY VIJAY SATYANARAYAN		1.1
24		DHENGALE PRANJAL KASHINATH		
25	G2209	BIRADAR KRANTI NETAJI	1192/2000 - 390 GWC	10,000
26		BIRAJDAR SAURABH RAJARAM	Prof.Kure Namita	Jan
27	19	BIRAJDAR SNEHA RAJARAM		- DATE 40
28	G2210	DIMBLE SWAPNIL PRABHAKAR		520 3
29		DADASO BHAGAVANRAO JADHAV	Prof.inamdar M.U	1
30		MANDAVKAR MANGESH RAMESH	**************************************	10
31		GADE DHANSING HARIDAS		
32	G2211	DATTARAM KALYAN KALE	10.046543.00455411	Old
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34		V ISHAL BABAN MISAL		1

Prof. Inamdar M.U.

Project co-ordinator

Prof.Pallay Prabhar

Head Of him ESTC Dept. Siddhant College of Engineering Sudumbare, Naval, Pune 412169



C. A. V. M. E. Trici's

Subham College of Englacering,

Department of Electronics and Telecommunication Engineering.

(Approved by AKTE, Recognized by Gort of Abdurathra and Affiliated to S.P. Pane University & MSBTES

At Past - Submittage, Tal. - Movel, Dist. - Pane, PEX - 412 109, 2 02114-661904

Date: 2th August 2022

Project Title Finalization Notice

All the Students of BE E & TC engineering are hereby informed that Project title finalization is scheduled as per schedule given below

Date	Group No.	Time	Location
03/08/2022	All	09.30 am to 04.00 pm	AVE Lab

In Project Title Finalization, Project Group should explain all the three Project ideas in front of the Panel members. One of the Project Titles will be finalized if found proper or changes will be suggested if required.

Details of all the Project ideas should be brought on plain paper. (No PPT presentation is required).

Prof. M.U.Inamdar Project coordinator (9130504310)

Dr. Prabhat K. Pallav Head of Department, E & TC Engineering

Head Of The E&PC Dept. Siddhant Gollege of Engineering Sugurnbare, Mayal, Pune-412109



C. A. Y. M. L. Trust's

Staddoor College of Engineering.

Department of Electronics and Telecommunication Engineering.

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Approved by AKTE. Recognized by Gun, of Maharaston and Affiliated to S.P. Pare University & SISBIE)

At Part - Sudambere, Tal. - Mayal, Dist. - Pure, Phy. 112 109 02114-661994

Date: 03/08/2022

Attendance of Project Guides

Sr. No	Name of Project Guide	· ·
1.	Dr. Prabhat Pallav	Sign
2.	Prof M U Inamdar	1
3,	Prof A V Bade	Bady.
4	Prof G A Argade	Grigady. - Secondary
5.	Prof S B Deshmukh	Gronely
6.	Prof S V Shelke	10 10 10 10 10 10 10 10 10 10 10 10 10 1
7,	Prof K A Kadam	(tab)

Prof. M.U.Inamdar Project coordinator (9130504310)

Dr. Prabbat K. Pallav
Head of Department,
E & TC Engineering
Head Of The S&TC Dept
Siddhant College of Engineering
Sudumbare, Mayal, Pune- 412109

Siddhant College of Engineering, Sudumbare, Pune ELECTRONICS AND TELECOMMUNICATION ENGINEERING DEPARTMENT

lass: BE (E&T)	Project Group list	2022-23
Group No	Students Name	Signature
1.00	AMIT RAMCHANDRA KOKARE	Luit
1	CHOWDHARY KAMLESH SHIVKARAN	0.05
	DHENGALE PRANJAL KASHINATH	CAB-
	KHALADKAR KULDIP SADASHIV	KX Sela
2	KUMAWAT HARSHAL VASANTRAO	Robert
	KALE AMOL KASHINATH	200L
	DANGE AMRUTA DILIP	Anda
3	SHEWALE ASHWINI ASHOK	2 Bush
100	KAMBLE VAIBHAVSHALI RAJENDRA	Vailibre
	MANDAVKAR MANGESH RAMESH	Hingeshik
4	GADE DHANSING HARIDAS	Provide
-	DIMBLE SWAPNIL PRABHAKAR	Suppoil
	DADASO BHAGAVANRAO JADHAV	Olm
694	KHATRI KEDAR RAMESHKUMAR	Katales
5	PRAMOD GANPATRAO DHONUKSHE	Thedas
	GADE ATUL RAGHUNATH	Atal-R
90	KACHARE KUNAL RAJARAM	Kralk
6	PUNAM PANDURANG SIRASE	38 mac.
	GHOTALE UJWALA REVANSIDDH	Wwala
00000	ADEKAR SHREYA ANAND	Shireya
7	KHARE NISHA PRABHAKAR	Nishail
	BHUJBAL KALYANI ANIL	bushal A
erento	SALUNKHE AKSHAY MARUTI	Bigray
8	KADAM PRASHANT BALASAHEB	Rabsaher.
	KHANVILKAR DHANANJAY INDRAFT	(100)
	MOHITE ADITYA ANGAD	Mikes
9	SHINDE SAMEER DNYANESHWAR	Dyperingo
	MUNGASE SURAJ SANJAY	Bayay-
	BIRADAR KRANTI NETAJI	
10	BIRAJDAR SAURABH RAJARAM	Dag.
	BIRAJDAR SNEHA RAJARAM	Anera
	VISHAL BABAN MISAL	Vishal
111	DATTRAM KALYAN KALE	Later
- 1	DAWANE ABHUEET VUAY	#Bhi
12	DUBEY VIJAY SATYANARAYAN	Visian 5

Project Coordinator Prof. M.U Inamdar

HOD

Dr. Prabhat Pallav

Head Of The ENTE Dept. Siddhant College of Engineering Sudumbare, Marsi, Puns- 412108



C. A. Y. M. E. Trust's Siddheat College of Engineering, Department of Electronics and Telecommunication Engineering. (Approved by ARTE, Recognized by Gast, of Mohareshino and Affiliated to S.P. Prace University & MSBTE). Al. Past - Sudambare, Tell. - Monal, Dist. - Page, PSN - 417 109. 02114-661904

SEM-1 (2022-23)

Class:- BE (E & TC)

Date: 18th August 2022

Notice

All the students of BE E & TC Engineering are hereby informed that Project Review-I is scheduled on 22st August 2022, Monday at 10.00 am. All the Project Groups are supposed to contact the respective Guides and discuss the status of the project before. Project Groups Should Prepare the Presentation (PPT) for review. Following Points to should be included in Presentation:

- 1. Introduction
- 2. Problem statement
- 3. Objectives
- 4. Concept
 - Plan (Complete Plan to Finish the Project)
 - 6. Literature Review

This review has a weightage of 50% of Term work marks. Project Groups should prepare the Presentation accordingly. All the Group members should be present at the time of Project Review.

Prof. M.U. Inamdar Project coordinator (9130504310)

Head of Department, E & TC Engineering Head Of The E&PC Dept. Siddhant College of Engineering Sudumbare, Mayal, Pune- 412109



C. L. V. M. E. Trun's

Stidiliant College of Engineering.

Department of Electronics and Telecommunication Engineering.

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11. Fast Submisbace Tal. Manut. Dat. Fane, P.N. 112 102 02114-661904

Date: 22st August 2022

Attendance of Project Guides

Sr. No	Name of Project Guide	Sign
1.	Dr. Prabhat Pallav	adC
2.0	Prof M U Inamdar	The second
3.	Prof A V Bade	disoth
4.	Prof G A Argade	(Bedrigh.
5.	Prof. S.B. Deshmukh	- Enshalos.
6.	Prof S V Shelke	- June
7.	Prof K A Kadam	de do

Prof. M.U. Inamdar Project coordinator (9130504310)

Dr. Prabhat K. Pallav
Head of Department,
E&TC Engineering
Head Of the Et 10 Dept.
Siddhant College of Engineering
Sudumbare, Mayal, Pune- 412109

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EAT	Project Title	List	ECOMMUNICATION ENGINEERING DEPARTMENT				
Group	No Students Name	-		Sem-1	A.Y20	A.Y2022-23	
	AMIT RAMCHANDRA AUKARE	778	gn	Tirle	Guide Num	c Signator	
1	CHOWCHARY KAMEESH SHIVKARA	1	4.	TARGET IN	-		
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2	KUMMAT HARSHAL VASANTKAD	Hend	-	101 state EV Battery Monitoring and Aler	190022-3000 T		
	ICALE AMOL KASHINATH	-	200	system	Dr. Probles K. Pall	- 124	
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5	PRAMIOD GANPATRAO DHONUKSHI	Weden	-		Prof. M.U Transfer		
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_		Ubch		mou and GPS Module	Prof. Shubbangi Shelke	1	

Project Coordinator Prof. M.U Inamdar Head of the Eard Dept.
Siddhant College of Engineering
Sudumbare, Neval, Pune- 41 Z 109



C. A. Y. M. E. Trest's

Siddhant College of Engineering.

Department of Electronics and Telecommunication Engineering.

(Approved by ARTE Recognized by Cort of Alabarathra and Affiliated to S.P. Pune University & MSBTE).

At Post Sudmabure, Ful. - March, Dist. - Pune, PIN - 412 109 (2)114-661904

SEM-1 (2022-23)

Class:- BE (E & TC)

Date: 27th Sept 2022

Notice

All the students of BE E & TC Engineering are hereby informed that, **Project** Review-II is scheduled on 10th October 2022, **Monday at 10.00 am**. All the Project Groups are supposed to contact the respective Guides and discuss the status of the project before. Project Groups Should Prepare the Presentation (PPT) for review. Following Points to should be included in Presentation:

- 1. Introduction
- 2. Problem statement
- 3. Objectives
- 4. Concept
- 5. Plan (Complete Plan to Finish the Project)
- 6. Literature Review
- 7. Design Calculations
- 8. Experimental Layout

This review has weightage of 50% of Term work marks. Project Groups should prepare the Presentation accordingly. All the Group members should be present at the time of Project Review.

Prof. M.U. Inamdar Project coordinator (9130504310)

Dr. Prabhat K. Pallav Head of Department, E & TC Engineering

Head Of The E&TC Dept. Siddhant College of Engineering Sudumbare, Mavai, Pune- 412109



C.A. E. M. E. Trion's Soldbant College of Engineering.

Department of Electronics and Telecommunication Engineering.

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At. Pant - Sudambure, 3rd - Monal, Dat. Pean, PIN - 412 109. 02114-561904

Date: 10th October 2022

Attendance of Project Guides

Sr. No	Name of Project Guide	Sign
1=	Dr. Prabhat Palfay	OSF.
2.	Prof M U Inamdar	
3.	Prof A V Bade	Mont.
4.	Prof G A Argade	(Mary -
\$	Prof S B Deshmukh	- Existal .
6.	Prof S V Shelke	
7.	Prof K A Kadam	Tarie 1

Prof. M.U. Inamdar Project coordinator (9130504310)

Dr. Prabhat K. Pallav Head of Department, E & TC Engineering

Head Of The E&PC Dept. Siddhani College of Engineering Sudumbare, Mayal, Pune- 412189

	The state of the s	to respond to the property of	Engineering, Sudumbare, Postmering DEPA		
Class: BE (EATC)	Project Title List		Sem-II	A.Y2022-23	
Group No	Students Nume	Sign	Title	Guide Name	Signature
i	AMIT RAMCHANDRA KOKARE	Deat.	Automatic Accident detection With NotificationSystem and Electric Humper	Dr. Prables K. Pallary	-110
	CHOWDITARY KAMLESH SHIVKARAN	1			1
	DHUNGALE PRANIAL KASHINATH	Frad			
(2)	KHALAOKAR KULDIP SADASHIY	12.00	IOT Base EV Battery Maniforming and Allen	Dr. Posisher K. Pallav	- 1
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	KALE AMOL KASHINATH	have	system		17
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8	GADE DHANSING HARIDAS	CHOE	Managara Atanagara da Marana	COMMITTEE OF THE	1.
3	DIMBLE SWAPNIL PRABBAKAR	Swappil	Design an Algorithm for Efficient Communication Between Nodes in IOT	Prof. M.U. Investor	-
	DADASO BHAGAVANRAO JADHAV	Pabout			
3	KHATILI KEDAR RAMESHKUMAR	Charry	Hand Gesture Recognition using IOT	Prof. M.U Inumbe	
	PRAMOD GANPATRAO DHONUKSHE	Prompt			de.
	GADE ATUL KAGHUNATR	HOLADE-			
	KACHARE KUNAL RAJARAM	tenned	JOT based Smart Energy Mickey	Feel, Getweek Argode	0552 26
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9850	GHOTALE UJWALA REVANSIDEH	Ulgara			
	ADHKAR SHREYA ANAND	Anand	Baltery Mangament System using Cooling	Frof M.U learneder	-
3	KWARE NISHA PRABHAKAR	Wish			cer
	BHUJBAL KALYANI ANL	Am	Thermo Electric		1.50
	SALUNKHE AKSHAY MARUTI	Akshar		Prof. Swai Dedenski "	
8	KADAM PRASHANT BALASAHEB	Balas	Voice Controlled Wheel Chair with Obstele Detection and Control via Tourh Pannel		Ses
24	KHANAYEKAR DHANANJAY INDRAJIT	Hanis	The state of the s	AND PROPERTY AND A	
-	MONITE ADITYA ANGAD	Margal	Wadiste Observation Robot	Dr. Nukhar X. Pakes	Sec
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회	MUNGASE SURAI SANIAY	France	S .		T.
	BIRADAR KRANTINUTAN	Neta	Door Access Control System Face Mask Detection Using Amilical Intelligence	Prof Kalyani Kadass	-
10	BIRAIDAR SAURABH RAJARAM	- Surab			CHAR
10	BIRAIDAR SNEKA RAJARAM	Kaja	Detection orangements introgerate		100000
_	VISHAL BABAN MISAL	Mec			0.0
ii.	DATTRAM KALYAN KACE	Kelyan	Alcohol Sensing Alen with Motor Locking System	Dr. Problet .K . Polley	19
105	DAWANE ADMIRET VIXY	0	2868		1
12	DUBLY YEAY SATYANARAYAN	RA	JOT Based GPS Location Tracker using Node- mos and GPS Module	Prof. Skubkanji Shelke	Ann

Project Coordinator Prof. M.U Inamdar

Me'

Hotol Dr. Prabbat Pallav Head Of The FISTE Dept. Siddhant Cohege of Englishering Sudumbare, Maval, Pune- 412109



C. A. Y. M. E. Trust's Siddhaut College of Engineering.

Department of Electronics and Telecommunication Engineering.

(Approved by AKTE. Recognized by Gam. of Waharashira and Affiliated to S.P. Pune Connersity & MSSTE) At. Post - Sudumbare, Tal. - Moval, Ott. - Pune, PIN - 412 109. 1102114-661904.

SEM-1 (2022-23)

Class:- BE (E & TC)

Date: 1st Nov 2022

Notice

All the students of BE E & TC Engineering are hereby informed that, Project Review-III is scheduled on 10th Nov 2022, Thursday at 11.00 am. All the Project Groups are supposed to contact the respective Guides and discuss the status of the project before. Project Groups Should Prepare the Presentation (PPT) for review. Following Points to should be included in Presentation:

- 1. Introduction
- 2. Problem statement
- 3. Objectives
- 4. Concept
- 5. Plan (Complete Plan to Finish the Project)
- 6. Literature Review
- 7. Design Calculations
- 8. Experimental Layout
- 9. Purchase of Material
- 10. Fabrication
- 11. Assembly
- 12. Experimentation
- 13. Analysis.

This review has weightage of 50% of Term work marks. Project Groups should prepare the Presentation accordingly. All the Group members should be present at the time of Project Review.

Prof. M.U.Inamdar Project coordinator (9130504310)

Dr. Prabhat K. Pallav
Head of Department,
E & TC Engineering
Head Of The EASC Dept.
Siddhant College of Engineering
Stroumbare, Mayat, Pune- 412109

	Siddha	nt Colle	ge of Engineering, Sudumb	nue D.	
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	DHENGALE PRANJAL KASHINATH	8	NotificationSystem and Electric Burn	per Dr. Prabhar K. Pali	" W
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	L.		mes and car's Module	Prof Shakkangi Shelke	201

A)

Project Coordinator Prof. M.U Inamdar

HOD

Dr. Prabhat Pallav Head Of The E&VC Dept. Siddhant College of Engineering Sudumbare, Maval, Pupe- 41,2109



C. A. Y. M. E. Trust's

Siddhant College of Engineering.

Department of Electronics and Telecommunication Engineering.

(Approved by AICTE. Recognized by Gost of Maharastira and Affiliated to S.P. Pane University & MSBTE).

At. Past - Sadumbare, Tal. - Maval. Dist. - Pure, PIN - 412 109.

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SEM-1 (2022-23)

Class:- BE (E & TC)

Date: 16th Nov 2022

Notice

All the students of BE E&TC Engineering are hereby informed that, Project Review-IV is scheduled on 21st Nov 2022; Wednesday at 10.00 am. All the Project Groups are supposed to contact the respective Guides and discuss the status of the project before. Project Groups Should Prepare the Presentation (PPT) for review. Following Points to should be included in Presentation:

1.	Introduction

- 2. Problem statement
- 3. Objectives
- 4. Concept
- 5. Plan (Complete Plan to Finish the

Project)

- 6. Literature Review
- 7. Design Calculations
- 8. Experimental Layout

- 9. Purchase of Material (Add actual
- photos)
- 10. Fabrication Status (Add actual
- photos)
- 11. Assembly (Add actual photos)
- 12. Experimentation
- 13. Analysis (add analysis part if any)
- 14. Results
- 15. Conclusions and References

Presentation will be in front of Project Evaluation Panel. All the Group members should be present at the time of Project Review.

Note: Project Should be completed at the end of this month. Prepare project report in consultation with your project Guides.

Prof. M.U.Inamdar Project coordinator (9130504310) Dr. Prabhat K. Pallav Hestelff Deptivitio Dept. Siddiget Ochsognicoring Sudumber, Waval, Page 412109

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	KACHARE EUNAL RAMPAH	Par	10T based Smart Energy Meser	Prof. Georgian Argade	-
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Project Coordinator Prof. M.U Isamdar

Dr. Prablist Pallay
Head Of The ERPS Dept.
Siddhant College of Engineering
Sudumbare, Mayal, Pune- 412109



CA. E. M. E. Trust's Siddhant College of Engineering.

Department of Electronics and Telecommunication Engineering.

(Approved by AICTE, Recognized by Govt. of Naharashira and Affiliated to S.P. Pune University & MSBTE) At. Post - Sudumbare, Tal. - Maval, Dist. - Pune, PIN - 412 109, 8 02114-661904.

SEM-1 (2022-23)

Class:- BE (E & TC)

Date: 22nd Nov. 2022

Project Stage-I & II contents

Project Stage-I (SEM-I)

- Group formation.
- 2. Topic finalization,
- 3. Literature Review.
- 4. Methodology,
- 5. Components selection
- 6. Design Calculations
- 7. Experimental Layout

Note:- Project Groups should Prepare the project report and has to submit soft copy as well as hard copy (Spiral Binding)

Project Stage-II (SEM-II)

- Purchase of Components.
- Fabrication (PCB Design).
- 3. Assembly.
- 4. Experimentation and
- 5. Analysis

Project Groups should prepare the project report and has to submit soft copy as well as hard copy (Black Book copy)

All the project groups are instructed to complete the given tasks in stage-I & II

Prof. M.U. Inamdar Project coordinator

(9130504310)

Dr. Prabkal K. Pallay Head of Department. E & TC Engineering

Head Of The EATC Best. Siddhant College of Engineering Sudumbare, Maval, Pune- 412109



C. A. Y. M. E. Trust's Siddham College of Engineering.

Department of Electronics and Telecommunication Engineering.

(Approved by AICTE, Recognised by Govt. of Maharashira and Affiliated to S.P. Pune University & MSBTE)

At. Past - Sudumbare, Tal. - Mavai, Dist. - Pune, PIN - 412 109. 202114-661904.

SEM-1(2022-23)

Class:- BE (E & TC)

Date: 27th Dec, 2022

Notice

All the Students BE (E & TC) are hereby informed that, Project Stage-I SPPU Oral exam is scheduled on 28th Dec, 2022. Project stage-I evaluation will be for 50 marks (Termwork-25 marks & Oral -25 marks). All the Project Groups are instructed to contact the respective Guides. Project Groups Should Prepare the Project Stage-II report considering following points. (PPT also)

- 1. Introduction
- 2. Problem statement
- 3. Objectives
- 4. Concept
- Plan (Complete Plan to Finish the Project)
- 6. Literature Review
- 7. Design Calculations
- 8. Experimental Layout

Note:-

- 1. Prepare PPT presentation of at least 15-20 slides
- While presentation each group member has to give the presentation (So divide the presentation among your respective group members)
- 3. Prepare project report of 60-70 Pages
- Submit Final report (Number of group members +1) Binding duly signed by Project Guide, Project Coordinator, HOD and Principal. (Refer SPPU syllabus)
- 5. Carry all the Research Papers, Logbook, CD and Literature referred during oral exam

Prof. M.U. Inamdar Project coordinator (9130504310)

h::

Dr. Prabliat K. Pallav Head of Department, E & TC Engineering

Head Of The EATC Dept. Siddhant Gollege of Engineering Sudumbare, Maval, Pune-412109



C. A. Y. M. E. Trust's Siddhant College of Engineering.

Department of Electronics and Telecommunication Engineering.

(Approved by AICTE, Recognized by Gorr, of Makarashira and Affiliated to S.P. Piere University & MSBTE) At. Post - Sudumbare, Tel. - Mayai, Dist. - Pune, PIN - 412 109, 8 02114-661904.

SEM-1 (2022-23)

Class:- BE (E & TC)

Date: 27th Dec, 2022

Notice

All the Students BE (E & TC) are hereby informed that, Project Stage-I SPPU Oral exam is scheduled on 28th Dec, 2022. Project stage-I evaluation will be for 50 marks (Termwork-25 marks & Oral -25 marks). All the Project Groups are instructed to contact the respective Guides. Project Groups Should Prepare the Project Stage-II report considering following points. (PPT also)

- 1. Introduction
- 2. Problem statement
- 3. Objectives
- 4. Concept
- 5. Plan (Complete Plan to Finish the

Project)

- 6. Literature Review
- 7. Design Calculations
- 8. Experimental Layout

Note:-

- 1. Prepare PPT presentation of at least 15-20 slides
- While presentation each group member has to give the presentation (So divide the presentation among your respective group members)
- 3. Prepare project report of 60-70 Pages
- Submit Final report (Number of group members +1) Binding duly signed by Project Guide, Project Coordinator, HOD and Principal. (Refer SPPU syllabus)
- 5. Carry all the Research Papers, Logbook, CD and Literature referred during oral exam

Prof. M.U. Inamdar Project coordinator (9130504310) Dr. Prabilat K. Pallav Head of Department, E & TC Engineering

Head Of The E&FC Dept. Siddhant College of Engineering Sudumbare, Mayal, Pune-412109



C. A. Y. M. E. Trust's Siddhent College of Engineering.

Department of Electronics and Telecommunication Engineering.

(Approved by AICTE, Recognised by Gov. of Makarashtra and Affiliated to S.P. Pime University & MSBTE) At. Post - Sudumbore, Tal. - Moval, Dist. - Pune, PIN - 412 109, 802114-561904.

SEM- II (2022-23)

Class:- BE (E & TC)

Date : 9th Feb, 2023

Notice

All the students of BE E & TC Engineering are hereby informed that, **Project Review-I** is scheduled on 13th Feb 2023, at 10.00 am. All the Project Groups are supposed to contact the respective Guides and discuss the status of the project before. Project Groups Should Prepare the Presentation (PPT) for review. Following Points to should be included in Presentation:

- 1. Introduction
- 2. Problem statement
- 3. Objectives
- 4. Concept
- 5. Plan (Complete Plan to Finish the Project)
- 6. Literature Review

This review has weightage of 50% of Term work marks. Project Groups should prepare the Presentation accordingly. All the Group members should be present at the time of Project Review.

Prof. M.U.Inamdar Project coordinator

(9130504310)

Dr. Prabaat K. Pallav Head of Department, E & TC Engineering

Head Of The E&TC Dept. Siddhant College of Engineering Sudumbare, Mayal, Pune- 412109



C. A. Y. M. E. Trust's Siddhuut College of Engineering.

Department of Electronics and Telecommunication Engineering.

(Approved by ARTE. Recognized by Gort of Walterwitten and Affiliated in S.P. Piere University & MSBTE)

At. Post - Sudumbare, Tal. - Maval, Dist. - Pune, PIN - 412 109. B 02114-661904.

Date: 13th Feb, 2023

Attendance of Project Guides

Sr. No	Name of Project Guide	Sign		
1.	Dr. Probhat Pellav	84		
2.	Dr. A. V. Bade	ABah		
3.	Prof. M U Inamdar	1		
4.	Prof. G.A. Argade	Gryenale.		
5.	Prof. S. B. Deshmukh	Exchelsely		
6.	Prof. S. V. Shelke	1		
7.	Prof. K. A. Kadam	Alaka -		

Prof. M.U.Inamdar Project coordinator (9130504310)

Dr. Prabhat K. Pallav Head of Department, E & TC Engineering

Head Of The E&FC Dept. Siddhant College of Engineering Sudumbare, Mayal, Punc- 412109

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	DANGE AMRUTA DRIP	Druge	Safety Jakent for Women	Prof. M.U. Inervise	No.
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6	KACHARE KUNAL KAJARAN	· Rela	K)T based Smart Energy Meter	Prof. Geetanjah Argade	Grigody
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	GROTALE UPWALA REVANSIDOR	Ches			
î	ADEKAR SHREYA ANAND	Frand	Batery Mangamera System using Cooling Thermo Electric	Prof. M.U bunder -	2
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	BHUIBAL KALYANI ANIL	K. Bruss			-
	SALLINKHE AKSHAY MARKITI	Now	Voice Controlled Wheel Chair with Obside Detection and Control via Teach Paraset	Prof. Swati Dedanakk	0.
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	KHANVILKAR DHANANJAY INDRAIT	Chin			11.50
.9	MOHITE ADITYA ANGAD	Volite	Wildlife Observation Robot	Dr. Freiher K. Pallev	N 93
	SHINDE SAMDER DNYANESHWAR	Same			W
	MUNGASE SURAI SANIAY	Sanju			~/\
je	BIRADAR KRANTI NETAJI	Heta	Door Access Control System Face Mask Detection Using Artificial Inteligence	Prof. Kalyani Kadare	// Oct
	BIRAJDAN SAURABH RAJAKAN	20120			HIS
	EIRAIDAR SNEHA RAIARAM	STREET			\$ 100 SA 100 SF ==
10	VISHAL BABAN MISAL	309 04	Alcohol Sensing Alert with Motor Locking System	Dr. Prahlus K. Pallav	16 X
		Kahijah			401
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Project Coordinator Prof. M.U Inamdar

Dr. Probhet Peliav Head Of The E&PC Dept. Siddhant College of Engineering Sudumbate, Maval, Purse- 412109

A PROJECT REPORT ON

Design an Algorithm for Efficient Communication between nodes in IOT

SUBMITTED TO THE SAVITRIBAI PHULE PUNE UNIVERSITY, IN THE FULL FULFILLMENT OF PROJECT PART II OF THE REQUIREMENTS

FOR THE AWARD OF THE DEGREE

OF

BACHELOR OF E&TC ENGINEERING

BY

Name of the students	Seat no./Roll no.	
Mangesh Ramesh Mandavkar	(PRN No. 72165841F)	
Dhansing Haridas Gade	(PRN No. 72165830L)	
Dadaso Bhagavanrao Jadhav	(PRN No. 72165823H)	
Swapnil Prabhakar Dimbale	(PRN No. 72165828J)	

Under the Guidance of

Prof. Inamdar M.U

CAYMET'S

SIDDHANT COLLEGE OF ENGINEERING



Sudumbare, Talegaon-Chakan Road Tal - Maval, Dist - Pune - 412109. ACADEMIC YEAR: 2022-23



CAYMET'S

SIDDHANT COLLEGE OF ENGINEERING

CERTIFICATE

This is to certify that the project report entitled "Design an Algorithm for Efficient between nodes in IOT Mangesh Ramesh Mandavkar, Dhansing Haridas Gade, Dadaso Bhagvanrao Jadhav, Swapnil Prabhakar Dimble is a bonafide work carried out by him under the supervision of "Prof. Inamdar M.U" and it is approved for the ___ fulfilment of the project part II of the requirement of Savitribai Phule Pune University, for the award of the degree of Bachelor of Engineering(Electronics & Telecommunication).

The Project work has not been earlier submitted to any other institute or university for the award of degree.

Prof. Inamdar M.U

Project Guide

Prof. Inamdar M.U

Project Co-ordinator

Head Of The E&TC Dept. Siddh Head web Doparamenting Sudumbare, Maval, Pune-412109

Dr. R. K. Kambale

Siddhent College of Engineering SudunPrincipal - 412 109

External Examiner

Place: Sudumbare, Pune

Date: 30/05/2023



A

PROJECT PART II

REPORT ON

VOICE CONTROLLED WHEELCHAIR WITH OBSTACLE DETECTION & CONTROL VIA TOUCH PANEL

SUBMITTED TO THE SAVITRIBAI PHULE PUNE UNIVERSITY.

IN THE FULFILLMENT OF PROJECT PART II OF THE REQUIREMENTS FOR THE

AWARD OF THE DEGREE

OF

BACHELOR OF E&TC ENGINEERING

BY

Name of the students

Seat no/Roll no.

Salunkhe Akshay Maruti

72165845J

Kadam Prashant Balasaheb

72165833E

Khanvilkar Dhananjay Indrajit

72165836K

Under the Guidance of

Prof. Swati Deshmukh

CAYMET'S
SIDDHANT COLLEGE OF ENGINEERING



Sudumbare, Talegaon-Chakan Road Tal - Maval, Dist - Pune - 412109. ACADEMIC YEAR 2022-2023

CERTIFICATE

This is to certify that the project stage II report entitled "VOICE CONTROLLED WHEELCHAIR WITH OBSTACLE DETECTION & CONTROL VIA TOUCH PANEL", having "Salunkhe Akshay Maruti (72165845J, Kadam Prashant Balasaheb (72165833E), Khanvilkar Dhananjay Indrajit (72165836K)." a r e a bonafide work carried out by him under the supervision of Prof. "Prof. Swati Deshmukh" and it is approved for the fulfilment of the project part II of the requirement of Savitribai Phule Pune University, for the award of the degree of Bachelor of Engineering (Electronics & Telecommunication).

The Project work has not been earlier submitted to any other institute or university for the award of degree.

Prof. Swati Deshmukh

External Examiner

Dr. Prabhat K. Pallav

Head Of The EATC Dept.

Sudumbare, Mayal, Pune- 412109

Project Guide

Prof. Inamdar M. U.

Project Co-Ordinator

Dr. L. V. Kamble

Siddher Principal Engineering Sudumpare Pune - 412 108

Place: Sudumbare, Pune

Date: 05, 2013





A PROJECT REPORT ON IOT BASED EV BATTERY MONITORING & ALERT SYSTEM.

SUBMITTED TO THE SAVITRIBAI PHULE PUNE UNIVERSITY,
IN THE FUT TILLMENT OF PROJECT PART II OF THE REQUIREMENTS FOR THE
AWARD OF THE DEGREE

OF

BACHELOR OF E & TC ENGINEERING

BY

Name of the students Seat no. / Roll no.

Kuldeep Khaladkar 72165835M

Harshal Kumawat 72165839D

Amol Kale 72165834C

Under the Guidance of

Dr. Prabhat Pallav

CAYMET'S SIDDHANT COLLEGE OF ENGINEERING



Sudumbare, Talegaon-Chakan road Tal - Maval, Dist - Pune- 412109.

ACADEMIC YEAR: 2022-23

CERTIFICATE

This is to certify that the project report entitled "IoT Based EV battery monitoring & alert system" h. "al Kumawat, Kuldeep Khaladkar, Amol Kale are bonafide work carried out by him under the supervision of "Dr. Prabhat Pallav" and it is approved for the fulfillment of the project requirement of Savitribai Phule Pune University, for the award of the degree of Bachelor of Engineering (Electronics & Telecommunication).

The Project work has not been earlier submitted to any other institute or university for the award of degree.

Dr. Palla Prabhat

Prof. Inamdar M.U. Project Co-ordinator Dr. Pallav Prabhat

Head of Department

Head of The E&TC Dept.

Siddhant College of Engineering Sudumbare, Maval, Pune- 412109

Dr. L.V. Kamble

Siddhant Council Engineering Sudumbare Pune - 412 108

Sudumbaron

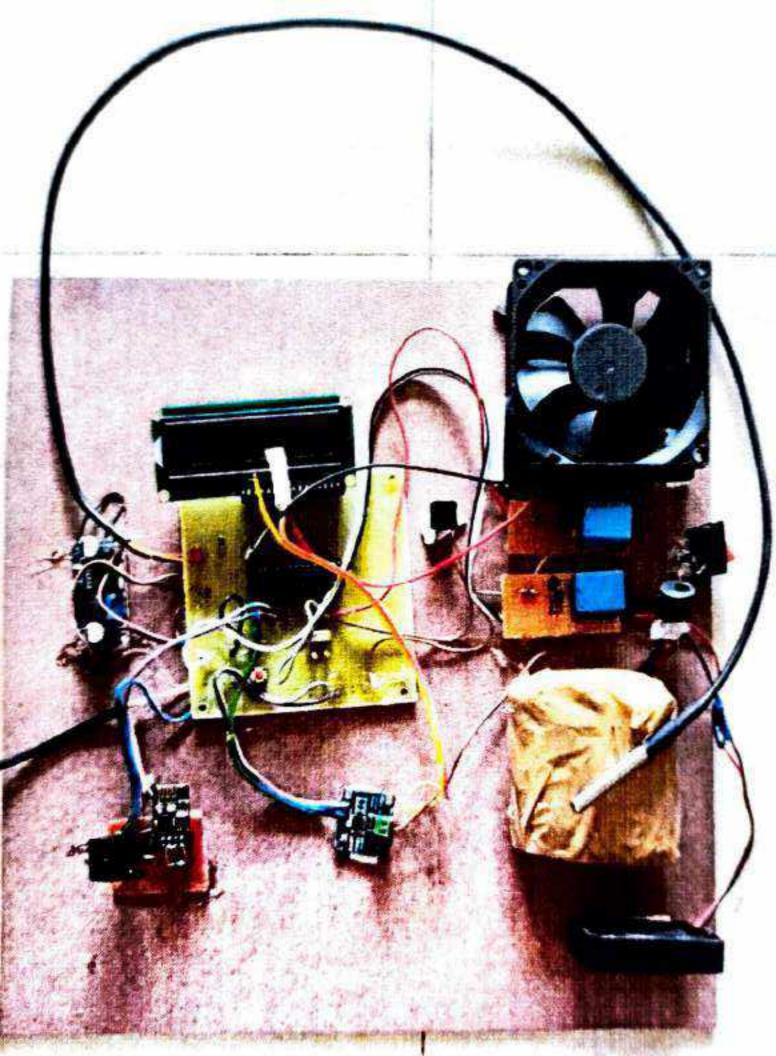
External Examiner

Place: Sudumbare, Pune

Date: 30/5 / 2023

SEAL

moare, Pune



A PROJECT REPORT ON

"BATTERY MANAGEMENT SYSTEM (BMS)USING COOLING THERMOELECTRIC"

SUBMITTED TO THE SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE IN THE PARTIAL FULFILMENT OF THE REQUIREMENTS

OF BACHELOR OF ENGINEERING

(ENTC ENGINEERING)

SUBMITTED BY

SHREYA ADEKAR 72165816E

NISHA KHARE 72165837H

KALYANI BHUJBAL 72165818M

Under the Guidance of

Prof. M. U. IMANDAR



DEPARTMENT OF ENTC ENGINEERING

CAYMET'S SIDDHANT COLLEGE OF ENGINEERING, SUDUMBARE, TALEGAON - CHAKAN ROAD, TAL - MAVAL, DIST -PUNE 412109

CERTIFICATE

This is to certify that the project report entitled "BATTERY MANAGEMENT SYSTEM (BMS) USING THERMOELECTRIC COOLING", having "B190443001, B190443024, B190443003," is a bonafide work carried out by him under the supervision of Prof. "M. U. Inamdar" and it is approved for the partial fulfilment of the project part I of the requirement of Savitribai Phule Pune University, for the award of the degree of Bachelor of Engineering (Electronics & Telecommunication).

The Project work has not been earlier submitted to any other institute or university for the award of degree.

Prof. M. U. Inamdar

Project Guide

Prof. Pallay Prabhat

Head of Department Head Of The E&TC Dept. Siddhant College of Engineering Sudumbare, Maval, Pune- 412109

Dr. R. L. Khandagale Sidewark College of Brypineer use

Sudambarrinerpal 412 109

Prof. M. U. Inamdar

Project Co-ordinator

Place: Sudumbare, Pune

Date: 30/5/2023



External Examiner

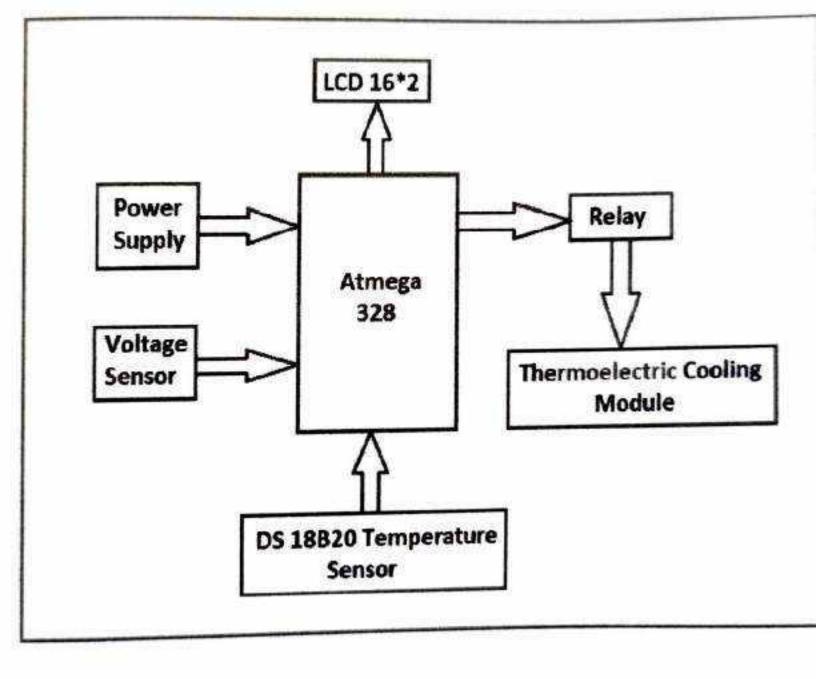


Fig :- 6 The Block Diagram of the developed prototype

PROJECT PART II REPORT

ON

AUTOMATIC ACCIDENT DETECTION WITH NOTIFICATION SYSTEM AND ELECTRIC BUMPER

SUBMITTED TO THE SAVITRIBAI PHULE PUNE UNIVERSITY
IN THE FULFILLMENT OF PROJECT PART II OF THE REQUIREMENTS
FOR THE AWARD OF THE DEGREE

OF

BACHELOR OF E&TC ENGINEERING

BY

Amit R. Kokare (72165817C) Kamlesh S. Chowdhary (72165822K) Pranjal K. Dhengale (72165827L)

Under the Guidance of

Dr. Prabhat K. Pallav

CAYMET's

SIDDHANT COLLEGE OF ENGINEERING



Sudumbare, Talegaon-Chakan Road Tal - Maval, Dist - Pune - 412109.

ACADEMIC YEAR: 2022-23

CERTIFICATE

fy that the Project part 2 report entitled "AUTOMATIC ACCIDENT DETECTION THE NOTIFICATION SYSTEM AND ELECTRIC BUMPER", having "Amit R. Kokare (72165817C), Kamlesh S. Chowdhary (72165822K), Pranjal K. Dhengale (72165827L)" is a bonafide work carried out by them under the supervision of "Dr. Prabhat K. Pallav" to the Savitribai Phule Pune University, for the award of the degree of Final Year of Engineering (Electronics & Telecommunication).

The Project work has not been earlier submitted to any other institute or university for the award of degree.

Dr. Peabhat K. Pallav Project Guide

Prof. Inamdar M.U Project Co-ordinator

SEAL SEAL

Dr. Preblik K. Pallav Helend of Repartment Siddhant College of Engineering Sudumbare Mayal, Pune-412109

Dr. L. FrKambles Siddhaffrindpelo of Engineering Sudumbare, Pune - 412 109

External Examiner

Place: Sudumbare, Pune Date: 30/05/2023

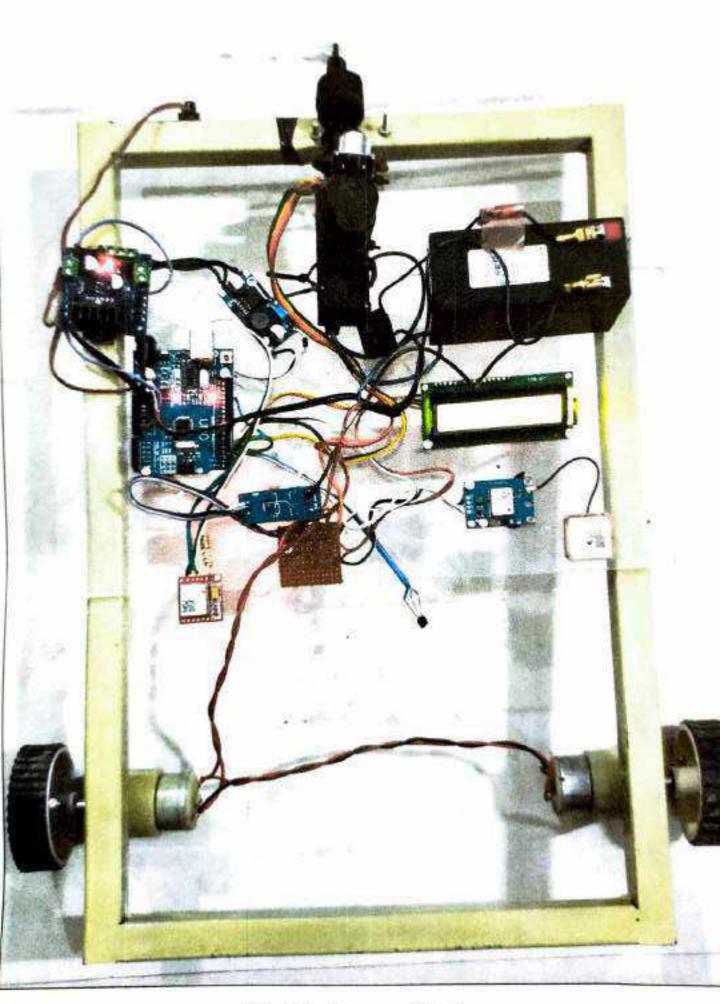


Fig. 24 - Image of System