	TABLE -	1 Firs	t Eng	ginee	ring _	Stru	cture	for S	emest	ter-I				
Course Code	Course Name	Se	Teaching Examination Scheme and Scheme Marks Hours/Week)							Credits				
		Theory	Practical	Tutorial	ISE	ESE	ML	PR	OR	Total	HL	PR	TUT	Total
107001	Engineering Mathematics-I	03		01	30	70	25		-	125	03		01	04
107002/ 107009	Engineering Physics / Engineering Chemistry	04	02	1	30	70	1	25	1	125	04	01	1	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		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		achii chem irs/W	ie	E	xamir		Sche arks	eme a	ınd	Credits				
		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 [§]	-	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	ital 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.



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Dr. U.V. Shinde

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SIDDHANT COLLEGE OF ENGINEERING

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DEPARTMENT OF FIRST YEAR ENGINEERING

A.V. 2022-23 Sum-II

DIVISION - A & B

Termwork /Practical Submission Record (page 1907/2013)

Sr. No.	Roll No	Seat No.	Name of Students	M-II	PHY	BLY	PPS	EG	PHY
1	202	F190440006	ALHAT CHINMAY PRAMOD	KIN	Ano	Z THE	TONO	Ma	A STATE OF THE STA
2	101	F190440008	AMBRE SWAPNE DELPAK	ANT.	TIME	Arm	AND!	And .	ATUS
. 3	204	1190440012	AYUSHBAG	Que of	Organ	Masag	areay	Bery	Care-y
4.	102	2190440014	BACCHE VAISHNAVECHANDRAKANT	per	1	A.	- A	On-	-01
.5	163	F190440016	BAGADI CHANCHAL RAIU	Chonelos	Charlet	Charely	Chareful	Charlet	Charelo
. 6	104	F190440022	BARLAYUSH SUNIL	D185	#BBST	d13655	#866	A302)	ABBY
7	205	F190440022	BHAGAT KSHITDA KUNDLIK	Oslogot	(Distract	Broatq	(D) stagest	(Ddaged	(Filago)
.6	206	F190440029	BHANGE DIPALI ACHYUT	STATE OF	della	Tipeli	west	the party	telli
. 9	105	F190440042	BIDKAR DURVESH DINESH	Jugary.	1457111C	MISSIN	MODICIC	(A22 1)(1)	01235M
10	207	F190440043	BIRADAR ANJALI RAMESH	about 1	angl	Bhian	Ahjan	Amour	BUBIT
- 11	1106	F190440046	BISWAS BISHAKHA BASUDEV	Bakakho	BUNGKL	MARKEN	Williams.	Dilyakin	Billians.
12	125	F190448047	BOBADE AARYA MURLIDHAR	toryg.	Jorya	10919	-fattio	targg.	+ torry
13	208	F190440948	BOCHARE AISHWARYA SANJAY	Mahineya	Mhineya	Johnory	Holwords	Michio Egg	Muney
14	107	F190440050	BOROLE SAKSHI GHANASHYAMDAS	+ male	# oyole	touche	- TECHOL	- torole	\$ orde
15	209	F190440058	CHAUDHARY VAISHNAVI BALISTER	- Ekondhary	Sendhon	would have	Manuchan	Varoudim	Wastella
16	108	F190440059	CHAUHAN SUMERSINGH JAGANNATHSINGH	Som	200	Sin	Sur	Short	Store
17	210	F190440061	CHAVAN VISHAL PRAVIN	Vavan	Thavas	Whavao	Whavan	Whavan	Phavar
18	211	F190440063	CHELEKAR MAHESH RAJARAM	mitalkae	grande	Totaliku	Their	milde	politic
19	109	F190440065	CHORAGE SAYALI SANJAY	Layeli	taple	myali	Douati	Laple	Sayali
20	212	F190440068	DEOKAR SNEHA SURESH	4 TOKAY	thekey	tolar	1 Decker	1	Ackast

Sr. No.	Roll No	Seat No.	Name of Students	M-11	PHY	BLX	PPS	EG	PBL
21	BT	139044602	DESHMEKH HARSHAL DILIP	thehenin	- tacular	teladia	TELLINA		Short and
.22	112	F19044007	DESHMUKILJANRAVLDILIPRAO	Darhouth	A 10 0000			-	01 11
a 23	201	F190440074	DHANGAR PAVAN SANTOSH	Teatibrities	Destroit	Barrougel	Deshmuts	Deshault	Dahmatk
24	213	£190440075	DHANOKAR SAKSHIJAYDEO	Disorchat	detranovox	allboroter	dehardian	Albanker	SHOLOHOS
25	214	F 190440076	DHOLL ADITYA SANJAY	Sin	Him	Him	Mind	Minus	Idial
26	110	F 190440078	DEIONAGE SAPNA SUBILASH	8honag z	@honese	OC	Dronage	Olamono S	-
27	114	F1904480X4	DIVEKAR SANIKA SUNIL	Alveloom	Airdam	Other Black	The state of the state of	Shonage	Shire kar
28	215	F190440091	GADE KARTIK ARUN	R. ast	Dec.	000	Bluetor	Hireton	-
29	116	F190440093	GADHAVE PREM RAJENDRA	Same.	James .	tage.	Der	Day.	Man.
30	117	F190440094	GAIGOLE GAURI NANDKISHOR	Marial	(Cocalia)	@pairing	Change	Canian	Carries
11	216	F190440095	GAIKAR ABHISHEK ROHIDAS	Nou	Non	-Hoice	Have	plus	Alu
32	217	F190440097	GAIKWAD POOFA RAM	(Proja_	Garcia	Greek	Pooia	CANA	Goda
. 33	218	F190440111	GHULE YOGRAJ HARISHCHANDRA	1	/	1	5	V	V
34	219	F190440112	GOLE ATHARY BHARAT	Dela	ARIN	A00-	DR/-	A	Alle
35	220	F190440118	HAJARE SANKET SADASHIV	Luine	Ingione	Anime	Shine	- APPLE	Daviere
36	237	F190440122	HARSHAL VILAS PAWAR	Gove	Raur	Day.	Page.	Bais	0
37	221	F190440125	HINGE KSHITU GOKUL	W.q.HING	(Cything	W. Hinge	A. S. Hissa	Y Jane	E WANTE
38	118	F190440128	HUNASNALE SNEHA RAJKUMAR	Luke -	Julye V	July 1	Ruhe	hite	July -
39	119	F190440130	INGALE MOTIRAM BABARAO	repenses	TONYS	(month)	Length	agrage	Empriso
40	120	F190440147	JOSHI SUJAL ANIL	Qual:	and !	Quijet.	signt:	anjor):	Dijar)
41	222	F190440148	KAD SALSANTOSH	ssicad	Sakad	Sshad	Sslead	Sakad	Sskad
42	121	F190440149	KADAM RUTURAJ RAMESH	Obolam"	Quelan	Prolan	Dadan)	15 10 10	adam -
43	122	F190440154	KAKADE ADITYA DATTATRAYA	Chaye	Hory	Chrotel	Drikul	Hicokup	,
44	223	F190440156	KALANGE PRATHAMESH VIKAS	Ralange	Balacas	Palange	Rulands	Kalang	Peakings
45		F190440157	KALE GAURAV SANJAY	aspina	G SKALC	G. S. KARE	GSKNEW	COMPAN	askire
-			KAMBLE ISHA RAJESH	Romble	(Acamolo.	(pentelo	Remile	Rombie	France

St. No.	Rolf So	Seat No.	Name of Students	M-11	PHY	BLX	PPS	EG	PBL.
* 47	224	£190440161	KANASE ATHARVA JEE TENDRA						
4%	225	F190440165	KARANDE JAY ANAND	osay	ofact	otal	otal	ofait-	Hay-
49	126	F190440167	KARGUDE SANSKRUTT SHIVATE	alte	Shi	Ship-	allti-	21/2	- Italia
50	127	F190440123	KHAURE SIDDHERAJENDRA	Sexhaire	SPOKACO	Spendits	8 kh rive	Sprincure	SRYhub .
51	226	1/190440125	KHANDE RAMESHWAR SANIAY	Dodl	FRAM!	Foell	fuell	- Fouth	Full
. 52	128	F190440127	KHARCHE JITENDRA GANESH	There	Thouse	2000	aller	There	The
• 53	129	F190440186	KOTHAWALE MANISH MAIRESH	(3)	Contract of the Contract of th	Cyst.	Cost	22	as-
• 54	130	F190440190	KURLEKAR ATHARVA SATISH	sal-	- D	- De	æ_	@	æ.
55	227	F190440192	LAKHIMALE ASHISH ANANT	Ashist-1	shirt?	Adhight	Much	dehiste	Asher !
- 56	131	F190440195	MANDADE MOHIT SANTOSH	A Comment	Hool	Maria	Men	Dan	De.
57	278	F190440196	MANE SNEHAL BABAN	Smeno	Long	Lman	Somon	among	Long
58	132	F190440197	MARATHE HRISHIKESH SANTOSH	सारे -	क्रिके	€रिष्ठ ×	Et 10-	4D18 ~	64210
59	229	F190440201	MORITE APEKSHA DATTATRAYA	Falute.	Robit	Achit	Dahite	Arthe	Amte
- 60	133	F190440208	MURTHY KRISHNA RAVIKIRAN	News	MPANY	MECHTE	ment	Meany	Matin
61	230	F190440209	NAGARGOJE ABHISHEK DEVUDAS	1	Wind	A Proper	The same	Anne	Maga
62	231	T190440211	NAIK VIKAS MALKHAN	alles	ALTA	MUGHT	MARIE	alley	NATH.
63	134	F190440214	NAYAKODI LAXMI IRAGANTEPPA	Joseph	Jacony. "	January.	Jaxout.	Jax mut.	format.
64	246	F190440215	NICHIT SUYASH KACHARU	Booch V	great or	sust c	System	South	syss
65	115	F190440218	OM PRATAP GADEKAR	(om)	Ome	OD+	Opp +	Com+	COPH-
66	113	F190440219	OM SHANKAR DESHMUKH	61.4	Characte	Chruk	Cachanel	Cestrus.	Perhouse
67	232	F190440221	PADWAL SAHIL DATTATRAY	Fordund	Fides	Solvan	- Roder	Streeter	Sondrot
	1200		PANDEY HEMANGEUMESHCHANDRA	Homenhy	13-211-101-54	Homenin	1 temend	Pollemany	A Hemand
68	233	F190440226	PASHILKAR TANMAY KIRAN	Partito	Chabath	Parkulka	- Tachille		Pashilke
69	135		MATERIA (1997-1997-1997-1997-1997-1997-1997-1997	An	A	A	A SIG	d A	A.
70	234	F190440228		~~	MT.	Water	100	THILL	· South
71	137	F190440231	PATIL OMKAR JOTIBA	Colol	1	6	100	2	C/6_
72	138	F190440235	PATIL SAHILKUMAR ANANDRAO		-	-	10	181	-

Sr. No.	Roll No	Seat No.	Name of Students	M-IL	PHY	BLX	PPS	EG	PBI
73	57.0	F190120216	PATIL SHREYA SANTOSH	8/2000	Studen	1 Delta	stautes	8/2000	8 July
74	236	F190140232	PATOLE SULAL NAVNATH	Pratra	BROSTUR	Shede	Breaker	Stradole	6 Pedra
75	1.39	T190440279	PAWADE SAURABH VIVEK	Davade	Lawade	Famale	Jamas.	Famade	Sawade
76	140	F190440242	PAWAR MANSI NAVNEFT	Rayer	Payor	(Pauce)	(Page)	Wenter.	Rewas.
77	141	F190440245	PAWAR RISHABIH RAJENDRA	04	040	Ru	040-	Color	ohs
78	142	F190440246	PHALKE UDAY NAVNA DI	ab -	De	100	10-	الحلا	all -
79	255	F190440252	PRITHVIRAL SACHIN VADAV	Test _	do	Took	Socks	del -	Sale
80	143	F190440254	RAIKAR SAKSHI PRASHANT	Bulghale	July 1958	JUL WE	Mushie	"YAKUMY-	Sakaluk
81:	144	F190440271	SAMRUDDHI MOHAN BROR	gmp-	40mi	dos	John.	Jan.	day you
82	145	F190440274	SARAWADE ROHIT SUNIL	De la constantina della consta	SAL	The	The	offit	#KI
. 83	146	F190440275	SARTAPE SHEVKUMAR VINAYAK	Shir	-Shir	Shiv	ghiv	Shik	<u>ohik</u>
- 54	147	E190440277	SATAV MOKSHNATH PRAMOD	M	VV.	-wc	M	M	W
8 85	148	F190440281	SAWANT SUSHANT HANUMANT	\$ Jone	Month.	- Proposition	\$ dans	* Asharit	Entant
86	239	F190440282	SAYYAD SAMEER JAMEER	Smet	Sameer	Sameer	Sameer	Barneer	Sameer
87	240	F190440284	SEWLIKAR HARSHIT KULDEEP	Mr.	Adol.	Judy.	AR.	who.	A15.
.118	149	F190440288	SHARMA AKSHAY MANOJ	Asme V	AKING	Aristo	Herida	Arrigh	AKSTO
• 89	159	F190440290	SHELKE AAKASH GANGADHAR	Colups	Aspento	Blake	Breute	- Colette	Delector
99	241	F190440291	SHELKE DNYANESHWAR SHANJAY	Bholke.	othelpe	Mirche	ondkas.	more	Britis
91	150	F199448293	SHEWALE SONAL RAJENDRA	Bona	Banul -	gonal	genal.	gesal -	gonal.
92	242	F190440302	SHITOLE VAISHNAVI RAMDAS	Philole	Darlole,	DATALE	policle	Dustole	- Dulle
93	151	F190440310	SINGH SANDEEP UDAY	8-	9-	2	8	8-	8-
94	243	F190440312	SOMASE ADITYA PANDURANG	An	do	Ans	Am	des	do
95	152	F190440313	SONAWANE DIVYA RAJESH	Hatrau	Blighter	FLYXXE.	STATE OF THE PARTY	and the lot	Children -
96	244	F190440318		Anihele	Anikeer	- Animas	Anikas	Anik P	Anihes
97	245		SURYAWANSHI PRASAD DILIP	- Burguanh	T TOTAL CONTRACTOR OF THE PARTY		Europe	1 11 -	1 Pergeword
98	153		SURYAWANSHI SHASHWATI SAMADHAN		to trop att	Latradi	trativat	postrua	tarethurd

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Sr. No.	Roll No.	Stat No.	Name of Students	M-H	PHY	BLX	PPS	EG .	PBL.
. 90	247	F190440525	TAMBE ARIL'S ASHOR	doct	dos	day	chol	But	A.t
100	248	F190440328	TARHALE RAJESHWAR GAJANAN	See	60.	æ.	Φ.	9	CD.
101	154	F190440333	THAKUR PRINCE SATISH	Bincer	Source.	Danes	Director	Espec	6
102	250	F190440336	THORAWADE ASHWINI TANAJI	A Thomas	Carried S	A Tribut	AD STU	AD STUD	Month
103	155	F190440340	TUPE SHWETA NAVNATH	Blue	due	Muy	shu-	Sheen	Show
164	251	F190440341	TURE SHAHIR SANJAY	SAND	Sharing	Shakir	PHONE	Shahir	shubber
105	252	F190440342	VAIDVA SURAU DATTATRY S.D. VOICE	so to	to . V	10.	til.	10	#
106	156	F190440344	VARE PRATIC HALU		-	-	· -	-	-
107	157	F190440345	VARE SHRIDHAR LANKU	- Fridher	Fridhat	Brighast	Son'd hat	bridhar	diridher
108	203	F190440348	VISHAL BAPU WAGHMOOK	18	WB	WA.	NB	Jas	WB-
109	253	F190440352	WAGHMARE TANUJA SHRAVAN	tugh-	Fragh	trage -	tagh.	tiggh-	Fugh-
110	158	F190440354	WALUNJ NIKHII. KUNDAN	DOAT	Madel	- Tokera	Budy	(Bresto)	Buch .
111	254	F190440357	WAROLE SANKET RATNAKAR	Contret	Sonto	Sont	Sonto	Somtet	Santo
112	249	F190440361	YASH MUKUNDA TEKALE	2	U	W-	Street -	W.	yez.
113	256	F190440364	YEDKE YOGITA ASHRUBA	yogila	nogela	Jugara.	Mogita	appare	NOTE
114	257	F190440366	YEOLE SHREYA KISHOR	Brasto.	Showlo.	Shreyou	Smeyo	Shreye.	Shoe Un
			SUBJECT TEACHER NAME & SIGN	0	2	0	0	90	9

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DR.U.VSHINDE

Shinde U. V.

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

SIDDHANT COLLEGE OF ENGINEERING

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DEPARTMENT OF FIRST YEAR ENGINEERING

A.Y. 2022-23

DIVISION - C & D

Termwork / Practical Submission Record Date: 19/07/2023

Sr. No	Roll No.	Seat No.	Name of Students	M-II	CHEM	BEE	EM	EG	PBL.
* 1	401	F190440002	ABHISHEK THAKUR	Aby	ARY	Flores	Doch	bbny	Abu
• 2	405	F190440004	ADANE VAISHNAVI MATHUKAR	1 dale	adani	Holan	didane	Magast	Hoase
+3	303	F190440007	AMBIKE SHARDUL MILIND	Sharle A	Sharpl A	Thursday 1	thankello.	Phar 11A	Thank 1
4	302	J190440009	ANARTHE BUCHIKA DATTATRAYA	Takk	raike	13/4	CikeA	det	alut
5	351	FT90440011	ATUL MANOFSINGH	del	atter	steet	the -	the	this
6	304	F190440015	BADE GURUDATTA KRUSHNA	Bolecok	Booleak	Probat	Ande Cot	Brobak	Andean
• 7	305	F190440020	BARBADE MORIT ASHOK	-BT	At	#	A	At	-01-
1	306	F190440024	BAVASKAR RITESH VIJAY	Piter.	putitu.	Tributo -	Pilyte .	rith.	raile.
	307	F190440026	BEHERA OMKAR BANAMALI	Genten	Brutem	Constan	Gruta	6mtau	Contau
10	403	F190440028	BHANDARI PRASEN BABLU		American American	THE RESERVE THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED I		P.Bhandin	
11	308	F190440030	BHAWAR TUSHAR SAMPAT	- Constant	- Marcar	phonest	Mares	Adams	Johnson
12	402	F190440033	BHOJANE BHAKTI BHASKAR	Empy;	gayay.	gigary.	guya).	court.	connit.
13	309	F190440035	BHOSALE AVISHKAR SHRIKANT		41.Bharas	Al Phosph	A-1.8 Wrace	A. I B Masoura	A.J. Bherak
14	404	F190440039	BHUNDE YASH NANDU	Y.N. Ghunda	YN. Bhunde	YN Bhunde	4.N.Bhunde	Y.N. Bhunde	P.N.B. Lund
15.	310	F190440054	CHAITANYA PAIGUDE	Sargent	Caringul	Garyad		Baugus	Gringula
16	311	F190440055	CHANGAN SHUBRAM SUDHAKAR	Statum	gr. Arthon	Station	81 Astron	Shitchin	Stelston
17	312	F190440056	CHARU SHARMA	~	V	· V	V	V	- ~
18	406	F190440062	CHAVHAN ATHARVA SUDHAKAR	Beneral)	A space	A man	A.mer.	of the co	Ashah.
19:	301	F190440064	CHIRAG RAMESHCHANDRA AGRAWAL	Lanaway	Asew of	Janu of	March ay	Lonau g	AFRILLA
20	314	F190440066	DAHIFALE SIDDHARTH ASHOK	-Sad	-Sad	-Sal	The Control	o Card	and
21	317	F190440967	DAMARE ONKAR RAJENDRA	Pawle.	Alwade.	Quade for	Made.	PERSON.	Atrade.
22	316	F190440072	DEVKAR NEHA DASHARATH	Nouhan	aviko	South	Maked	(Norkan	. KANA

Sc No.	Boll No.	Sear No.	Name of Students	M-II	CHEM	BEE	EM	EG	PBL
23	407	F 190440073	DEVRE DARSHAN INNESH	gu/	Que	Yan-	Dus	Jan	Du
1.24	409	FX90440029	DHORAIKAR SHUBHAM DILIP	Julian	Medel	Steller	Side	Bulk	- Stroke
25	311	1199440083	DIESRA POPAT GAIKWAD	Birano	Brito-	Shihs_	Bekehs	thing.	Warshs-
+ 26	410	F390440082	DIVATE HEMANT PARSHURANI	-		Like	84170	(M) SIL	Kills.
27	:411	F190440085	DOBALE VAIBILAY BAHURAO	Prepullo	Obline	De huke	De lute	Dhuk	Philip
28	412	F190440086	DONUR PRAIWAL ASHOK	RADINAR	P.A. Dueter	ENDANGE	PA. Done	Value	Merca
29	319	F190440090	GADE AVANTIKA RAJU	Bruck.	Wrack.	Woode	Weade	Ducot	Frade.
• 30	320	£190440098	GAVARE BRUPESH NITIN		~				_
31	413	F190440301	GARGOTE RAIGURU NAVANATH	(Pikryck.	Rub gole	Rehark	Parante	Qual	(Duck
32	414	F1.96440102	GARJE BHAGVAN AJINATH	25.0	Cond	6-3-	-	Const	200
• 33	415	F199440104	GAVHANE RUTUJA MAHADEV	Elishane	Altohore	Monham	Share	Harhane	Elshan
14	321	F190440106	GAWARI KESHAV GOVIND	- 1011		-	7	y promo	ppr serve
. 35:	416	F190440107	GAWATE SARTHAK DATTATRAY		/	, _		. 1	1
36	323	F190440108	GHARAT ABHISHEK SAKHARAM		08_	8	28	do-	de ·
37	324	F196440110	GHORPADE RUTUJA RAJENDRA	Phoe	(ehren	(Aware	Qui-	(Phase	(phin
38.	431	E190440114	GORDE SURAJ SHARAD	21	SIA	54	Suf	Sent	50
39	325	F190440116	GUND HARSHAD SUNIL	House	rusel	Marchad CHOOL	douted	VI GOODEN	Houtday
40	419	F190440121	HANWANTE SAYALI SANJAY	Fanciet		Donesete	Account to the second second	Benede	Danesch
41	327	F190440123	HEBADE MAYUR JIVAN	Mayers	Marque	Mayus	Mayeer	Moyes	Mayur.
42	128	F199440124	HINGANE SAKSHI SHIVPRAKASH	Bright	Dalishi	Quality.	Pokehi	galdh	Balgh
43	329	F190440127	RULAWALE YASH AJIT	Fresh	Herh	Hash	Lash	Hash	Jush
44	330	F190440131	JADHAO DHANASHREE GAJANAN	4	Left.	g.m.	C) NOW	9-	
45	331	F190440132	JADHAV ANJALI DNYANOBA	anfati	anoth	Anyti	main	anyat.	artist.
46	420	F190440133	JADHAV ASHOK BHAGWAT	Ashele	BANA	April	Delate	Ashele	Aplate
47	_	F190440136	JADHAV MADRUKA ANIL	Mondray	Woodrov	mated max	MATOMON	Wanton	merodie
48	_	F190440137	JADHAV PARTH GOPAL			CHOM	32		
49			JADHAV PRATIKSHA KRISHNA	Padhan	Rulhan	Prolin	gradia	andhai	Podra

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30	622	E190440141		10.	P.	P.	D.	P.	1 2
31	421	F190440142	JAHAGIRDAR SUHAIH NAZIM	3.73	25.5.3	to hale	84	28 /2	Dulls.
52	424	F190440143	JAIGUDE SIDDHI SHANKAR	Thiqude	Tainude	Taigudo	Pargrate	Tainus	Planute
5.3	425	F190440146	JAYACHE NAGESH BALAJI	Durk	Stal	- Shut	Theres	-struct	tour.
34	426	£199440153	KAGANE NIKITA ANHOR	CAK.	One	PA	1984 ·	CAL	Dr.
55	427	F190440158	KALE PRIYANKA SUKHDEV	(Barrieg	S priza	(Dans	Buarn	Portane	Parsant c
56	334	F190440159	KALOKHE MRUNAL MOHAN	Elunet	022	Flored	Fance	Elinas	Theol
57	428	F190440163	KANEKAR NIDHI SURENDRA	Boneras	(13 any		Canaragi	CONTRACTOR A	BOREEG
e 58	429	F190440168	KARMALKAR NEHA YOGESH	Naunul	Newso	round	Mula.	Neum	Mann
39	430	F190440171	KEDAR ASHWINI RADHAKRUSUNA	A) known	Dredon	Dreila	Lagrange Co. Lagrange	YA Kolon	
• 60	135	F19044III.76	KHANDELOTE MEHLL SLIBESH	MENW	#EXW	# ENU	# Thu	THEMY	the hol
61	336	F190440181	KHILE BHARATI SARJERAO	ALWAR	2 Tichil	tylone	Justell	Local	ATTEL
62	431	F190440182	KOCHAREKAR GAYATRI SATYAVIJAV	Mariato.	River	dayato	Bush	tayata	Hayan
63	337	F190440188	KULKARNI ADITYA SUDHIR	TALL	Jack	Alste	WAS L	1 delle	Web.
64	432	F190440203	MORE DIVYA MACHINDRA	Bivys	BIYYE	Bivya	Bivy	Sirys	Birg
65	433	F190440210	NAGARGOJE OMKAR RAOSAHED	C) 9. Nog 96 96	O.RNOTHI	DE DENNY	DI STEORY	Jungoic 61	No. yar 4
• 66	434	F190440212	NANDAN GUPTA	SA	Shoo	R	9	A	4
67	435	F190440213	NARKHEDE PRANA V MANOJ	(8 Northank	(P) Norkhed	(P) Horkha	Photehet	P Nother	Printeh
68	353	F190440220	ONKAR SANIAY TAKALE	Geral	Can't	Ellar.	CT 1/1.	E C	(de
69	436	F190440227	PATIL ATHARVA SHARAD	ann	Ann	Anill.	ann.	and -	Aug.
70	338	F190440229	PATIL BALIRAM RAMESH	TROW	there	der	teri	Batt	Blis
71	437	F190440230	PATIL DEVESH SATYAWAN	200	-	700	70		B.
72	339	F190440234	PATIL RHUSHIKESH VIKAS	To cab	Drong.	2 Pohl	3001	Se Patil	Plati.
73	340	F190440238	PAWADE RUTUJA VITTHAL	R. Panade	Pemade	Tawak	Panal	Tanat	Panad
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N/ No	Roll No.	Sor Ne	Name of Students	M-11	CHEM	BEE	EM	EG	PBL
27	446	1190440251	PRATIA MACHINDRA SHINDE	Batik	Smith	Smith	Showit	Andre	2ntic
78	041	1190440251	PUJARI SHRADDHA RATNAKAR	Shandha	5/months	Shendall	SIENA	uster M	aspelles
79	342	F.190440255	RAKSHE SHRINATH PRAVIN	SAYSDE	8AKSHE	BAYGHE	BAYSHE	RAKINE	RAYSTO
80	441	1199440256	RAKSHE TANUJA GULABI	Traille	Bauk	TRUSK.	truste	Frankle	Want le
81	442	F190440257	RASAL MORESHWAR NANDKUMAR	Macel	Meral	where	upolal	charal	apara
52	343	F190440259	RASKAR VRUSHALIUTTAM	C01242	Corne	Couds	Code	Color	200
83	344	F190440260	RATHOD PAYAL TULSHIRAM	Paya	Payla	Payal	Paugl	Payor	Panal
84	443	F190440261	RAUT PRADNYA SHANI	A	4	8	4	3	8
6.5	444	F190440262	REDDY SRUSHTI BIBHISHAN	tagloby	tiday	Friedly	tradaly	1- reddy	freddy
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88	439	F190440268	SAKORE PRATIK VILAS	B	Bar	DE	02	Be	BE
89	315	F190440273	SANKET VILAS DESHMUKH	Asmin	Les L	Sestill	Jan	Market	regenter
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92	348	F190440292	SHENDGE AMIT BAHAN	Ethiope.	throak-	shirte	theoly	Dhrash	Burest
93	349	F190446294	SHINDE DIKSHA NILESH	Shirad	Dhinds	Phirds.	Shinds	ghirds	Munde
94	417	F190440301	SHINGDE GAYATRI BALAJI	Water-	Coypto	Playati	(ungale)	Layar	1 Leonales
93	447	F190440303	SHIVEKAR SWAPNIL NANDU	- A	28	-8	1	8	200
96	322	F190440304	SHRAVANI AJAYSING GAYDHAR	doughan	Mancha	- Kayana	+ Aoyor	a John	Sayous
97	313	F190440306	SHRUTIKA ARUN CHAUDHARI	Thuilkan	Hvuitka			Shrutter	Howtike
w 98	350	F190440308	SINGH ANKIT HARELAL						-
99	446	11/01/11/20/01/20	SINGH YASHPAL SUMANTKUMAR	- Thing	a sale	- The	3	3	39h
100	449		SONAWANE SHREYA RAKHAMAJI	Lough	Lough	Lovery	Bruth	Ferring	Greek
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102	352		TAKALKAR RUSHIKESH SUNIL	2.30-	28	2-5	2	P-1	1
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5r. No	Rell No	Sine No	Name of Students	M-II	CHEM	BEE	EM	EG	PBL
104	354	E390440326	TAMBOLKAR SHRUTI BALVANT	Junt	Just	Tueto	Just'	muti	Just
105	326	F190440329	TARLEKAR HARSH GAJANAN	t-wat	Harry	HARAL.	Hosp	House	Haush
* 106	335	T196440335	THORAT SHREYASH RAJESH	efforat	9Athard	and horal	of horal	9- Morat	Althoral
107	356	F190440337	TIKANDE LALIT RAMDAS	1111	letit	طللفا	letit	الملقا	louit:
108	453	F190440347	VIDHATE YASHRAMDAS	45	y	40	a off	10	-44-
109	455	F190440353	VYAVAHARE PRAVIN GOVARDHAN	B-1.	Di.	(D-)	0-1	8	de la
110	357	F190440359	YADAV PRASHANT BRIJESH	p. Yadau	P. Yodow	p.40204	p. vadan	P. 40200	Relada
* 111	454	¥190440360	YADAV SURAJ RAMPRAKASII	Suraj	Suruj	Surry	June,	may.	buccij
112	408	F190440368	ZANIAD DIKSHA SATISII	Dibis lu	Dikshot	DIAZM	Difisha	Didshel	Dibshel
113		F190449266	SADAVARTE BHUSHAN VISHNU	20	Ma	ev-	0	P	00
	1		SUBJECT TEACHER NAME & SIGN		20				



DR.U. SHINDE

Shindle 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 Co-ordinator
Siddhant College of Engineering.
10316, Tal May 31, Pune - 512 108.

INDEX

Sr.No.	Title Of activity	Page No.	Date	Remark
J	Introduction.	1	12/05/23	7
2	Apparatus	4	26105123	Latin.
3]	Producer	5	9 10 6123	
4]	Working	8	23106/23	
5]	Conclusion.	9	07107123)

Date: 2.071.231

PROJECT ABSTRACT

Project Do	main: Frgineering Mechanics.
Abstract:	An electric car is a plug - in electric auto
	that is Propelled by one or more elelts
motors	using the energy stored in rechargeable
batteri	es the electric car can be charged a
	ety of charging centres installed oin
Public	places & houses In the article we
have	provided detailed steps to Help you
build	your own electric car.

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

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*************************************	R (2331 (234)
Project	MENICH

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

9	Any other parameter relevant to project (Please specify)	
Ren	ark:	
		Pin

PROJECT BASED LEARNING (PBL)

Teaching Scheme (Hours/Week)				Examination Scheme and Marks				Credits					
TH	PR	TUT	Total	ISE	ESE	TW	PR	OR	Total	ТН	PR	TUT	Total
-	04					25	50		75		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 mentors.

Group of students may demonstrate knowledge and skills by developing a product and/or report and/or presentation. The components of assessment will be

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

Sr. No.	Parameter	Weightage (%)	Marks	Remark
1	Idea Inception of Project	05	2.50	
2	Outcome of PBL (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.

THE FILL LITTING

	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	
	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)			F	Exami	nation Ma	Sche arks	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

Siddhaut College of Engineering.

Department of Electronics and Telecommunication Engineering.

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

102114-661904.

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. Pfabhat K. Pallav Head of Department, E & TC Engineering

Head Of The E&76 Dept. Siddhant College of Engineering Sudumbare, Baval, Pune. 412109

		CAYMET'S	
	Siddhant College	of Engineering, Sudumbare	
	DCDAFTMent of Glockers	or Engineering, Sudumbare nics and Telecommunication Eng	
CLASS:		SEM: II Da	19 10 100 hoos
Subject: P	Project Based Learning	~	te: 8/02/2023
		Subject Teacher: Prof. Geo	etanjali Argade
Sr. No.	Name of the Candidates	Project Title	
	Burange Snehalata Lakshma	r roject ride	Sign
1	Shivani Manaji Yadav	1	Boungle
•	Kajal Salunkhe	Design and Fabrication of Dual side shaper Machine	<u> </u>
	Manish pravin salunke	1	Sagram
	Dipali C Parab		- quet
2	Samiksha Dhuri	Solar Tracking System	Palab
	Ketaki Sodage	J Stating Cystelli	Shuri
	Pratiksha Bandu Goukonde		1
3	Shrutika Ramesh Pawar	Multipurpose Glass Cleaning Robot	Pricken d)
	Anjali Shinde	Using Machine Learning	att i
	Supriya Karande		Ahinde
4	Bhushan ratnakant rokade	Smart onion storage	1 10 C
	Karan Kishor Jadhav		dearmy
	Sakshi Mahantesh Babanaga		garage
5	Ajay Shivaji Dalvi	Automated hydroponic plant growth	
	Rutuja Suresh yadav	system using lot	
	Atharva Sanjay Sawant		· Quant
_	Rahul Lokhande]	· Saroport
6	Vaishnav Barne	Women's Safety Device With GPS	Rataldude
	Rushikesh Ekade	Tracking & Alert	6)
	Prajwal Kakade		Ottoball
	Akash Jaiswara		Poterocut
7	Nikhil kulkarni	MEMS Gas Sensor	tokuster!
	Rahul Dasharath Mugale	,	7
8	Atharva.Jayant.Gawade	DEID -#	
	Sakshi Dinkar Kadlag	RFID attendance system.	
	Reshma Gaikwad		*
9	Shrikrushna	IOT Based Garbage Monitoring	Tolushum
	Rohit dagdu mane	system	Dog of 11
	Phalguni Bandichhode		Dandilanda
	Shreyash Rajendra Mohite	Discoul	Bandichode
10	Saurabh Suhas Fursule	Piezoelectric energy harvesting vai shoe sole	your
	Yash Lalgude	Silve solle	Stursule_
11	Mayur Jagadale	Home and it	3 miguel
- "	Rushabh chandrakant dhum	Home automation	-
	Poonam Vitthal Sutar		Dhumil
12	Namrata ekbote	Automatic hand sanitizing machine	Sman-
		using Arduing ung board	Menns

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agriculture voldha Tingare "DC power son Mundinker ari Atmaram ar impaired per son Musikar ari Atmaram ari Atm	tional Blind Stick for eople nonitoring system
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	VCV
ali Argade	Dr. Prabhat Pallav
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Siddhant Gollege of Engineering Sudumbare, Mavai, Puna- 412109



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

Siddhant College of Engineering.

Department of Electronics and Telecommunication Engineering.

(Approved by AICTE. Recognized by Govt. of Maharashara and Affiliated to S.P. Pune University & MSSTE)

At. Post - Sudumbare, Tal. - Maval, Dist. - Pune, PIN - 412 109. (3 02114-661904)

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&FC Dept.
Siddhant College of Engineering
Sudumbars, Maval, Pune- 412109



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At. Post - Sudumbare, Tal. - Mavai, Dist. - Pune, PIN - 412 109.

\[
\text{DOST} \) 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. Geetanjali Argade Dept. PBL coordinator (8605431518) Dr. Prabinat K. Pallav Head of Department, E & TC Engineering

Siddhant College of Engineerings Sudumbars, Keepi, Pune-44/2009:



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

Siddhant College of Engineering.

Department of Electronics and Telecommunication Engineering.

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

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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. Pribitat K. Pallav
Head of Department,
E & TC Engineering
Head Of The EAPS Dept.
Siddhant Coilege of Engineering
Sudumbare, Mayal, Pune-412109



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Siddhant College of 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. Prablifatik. Pallav
Head of Department,
Head of The Earl Dept.
Siddhant College of Engineering
Sudumbare, Maval, Pune- 412109



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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. Prab at K. Pallav Head of Department, E & TC Engineering Head Of The E&TC Dept.

Siddhant College of Engineering Sudumbare, Matal, Pulse 412109



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

Department of Electronics and Telecommunication Engineering.

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At. Post - Sudumbare, Tal. - Manal, 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.& IC Engineering

Siddhant College of Engineering Sudumbers, Maral, 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

(S190443049)

Karan Kishor Jadhav

(S190443027)

Karande Supriya Sanjay

(S190443033)

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)

A

3

Dr. Prabhat Pallav.

(HODE&TC)

Dr. Kamble L. V.

(Principal)

SEA STANDARD STANDARD

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

Savitribai Phule Pune University, Pune

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

(With effect from Academic Year 2021-22)

Semester-VI

Course		Teaching Scheme (Hours/Week)				xamiı		n Sch arks	Credit					
Code	Course Name	Theory	Practical	Tutorial	In-Sem	End-Sem	TW	PR	OR	Total	Н	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	-	-	-	-	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	12	10	00	120	280	125	75	100	700				
Total Credit											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



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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:

- 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
- Project Guides will be allotted by Project Coordinator and HOD on 22th Feb 2023.

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

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



Department of Electronics and Telecommunication 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	Image 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



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 Sudumbare, Maval, Pune- 412109



Department of Electronics and Telecommunication Engineering.

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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.

No

Prof. M.U.Inamdar Project coordinator (9130504310) Dr. Prachat K. Pallav Head of Department, E & TC Engineering Head Of The ESTC Dept.

Siddhant College of Engineering Sudumbare, Maval, Pune- 412109



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Siddhant College of Engineering.

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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 E 376 Dept.

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:

iould be included in Presentation:	
1. Introduction	10. Fabrication Status (Add
2. Problem statement	actual photos)
3. Objectives	11. Assembly (Add actual
4. Concept	photos)
5. Plan (Complete Plan to Finish	12. Experimentation
the Project)	13. Analysis (add analysis part if
6. Literature Review	any)
7. Design Calculations	14. Results

9. Purchase of Material (Add actual photos)

8. Experimental Layout

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, Excell Enginedingept.

15. Conclusions and References

Siddhant College of Engineering Sudumbers, Mayal, Pune-412109



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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



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.

de's

Prof. M.U. Inamdar Project coordinator (9130504310) Dr. Prabhat K. Pallav Head of Department, He Ed Of Fregineering Siddhant College of Engineering Sudumbare, Maval, Pune- 412109



Department of Electronics and Telecommunication Engineering.

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

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

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,



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

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



Department of Electronics and Telecommunication Engineering.

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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	III	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. Prablint K. Pallav Head of Department,

Scanant College of Engineering Sudumbare, Mayal, Pune 412109

CAYMET'S

SIDDHANT COLLEGE OF ENGINNERING, SUDUMBARE Sudumbare, Mayal, Pune: 412109

(Class: TE(E & TC) Internship	umbare, Maval, Pune: 412		Casterlett	
	Internship Data 2022-2023	Subject Teacher: 1		The second secon	and the second second
šr. No.	Name of the Candidates	Company Name		ate:25/5/20	
1	AKARTE PRATIKSHA SANJAY	GKN fokker Elmo Pvt Ltd	Starting Date 1/21/2023	The second second second	No.of week
2	AMBEKAR MANDIRA VITTHAL	GE Aviation	1/21/2023	2/24/2023	6
3	APARNA ADHIK JAGTAP	K.K power solutions pvt ltd	1/23/2023	3/4/2023	5
4	ARCHANA MUKUND KHOLAMKAR	Cognifront	1/21/2023	2/25/2023	4
5	AWAGHADE GAURI RAJESH	K.K power solutions pvt ltd	1/23/2023	2/25/2023	5
6	BARHATE PRATIKSHA ARVIND	Systech Automation systems	1/21/2023	2/18/2023	4
7	BATWAL PRASAD LAXMAN	Kalp tech solutions pvt ltd	1/21/2023	2/18/2023	4
8	BHAGWAT SAKSHI GANESH	Shiv electronics Pvt Ltd	1/20/2023	2/16/2023	6
9	BHASE AKANKSHA DHYANESHWAR	Infovoices pvt Ltd	1/21/2023	2/20/2023	4
• 10	BHOSALE AKANKSHA BHASKAR	The second process	112112023	E E W E W E	- 27
11	BHOSALE DIPESHWARI DADARAJE	R.S Process Systems Pvt Ltd	2/2/2023	2/26/2023	4
12	DANGE ABHISHEK DILIP	Infovoices pvt Ltd	1/21/2023	2/20/2023	4
13	GAIWAD RAJESHWARI VIJAY	Shiv electronics Pvt Ltd	1/20/2023	2/16/2023	6
14	GHOGARE KANCHAN ARUN	K.K. power solution Pvt LTD	The Contract of the Contract o	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	7	22.70.70.70		-
18	JADHAV YESHWANT KRISHNA	Infovoices pvt Ltd	1/21/2023	2/20/2023	4
19	JAMBLE AMOL NANDKUMAR	Volgend Technologies Pvt. Lt	-	2/18/2023	4
20	KACHARE YASH KUMAR	K.K. power solution Pvt LTD		2/25/2023	5
21	KADAM KEDAR SAHEBRAO	Infovoices pvt Ltd	1/21/2023	2/20/2023	4
22	KARLE ARCHANA SHESHRAO	K.K. power solution Pvt LTD		2/25/2023	5
23	KHADAGE ADITYA MANOHAR	GE Aviation	D. 25 10 00 00 00 00 00 00 00 00 00 00 00 00	3/4/2023	6
. 24	LOKHANDE SAMARTH SANJAY	Volgend Technologies Pvt. Lt		2/18/2023	4
25	MAHESH SUDHAKAR EKHANDE	Volgend Technologies Pvt. Lt	THE RESERVE OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAME	2/18/2023	4
26	MANE PRITEE HIMMATRAO	GE Aviation		3/4/2023	6
27	MESHRAM HRITIK	OC Aviadon	1/21/2023	3/4/2023	
28	MOHITE PRATIKSHA LALASO	Volgend technologies Pvt.hd	1/21/2023	2/18/2023	4
29	MONIKA SUNIL DHAWALE	HP Tronic Pvt.Ltd.		3/15/2023	6
30	MULUK SARVESH MARUTI	AF TIORIC FVL.D.d.	2/1/2023	2/13/2023	
31	NAIK ABHIJEET ARVIND	Vala tack relation are hit	1/21/2023	3/16/2022	-
32	NHAVI VISHRAM SHASHIKANT	Kalp tech solution pvt ltd		2/18/2023	4
33	NIKAM PRASHANT BHIMRAO	K.K. power solution Pvt LTD		2/25/2023	5
34	NITIN SATISH GURAV	K.K. power solution Pvt LTD	-	2/25/2023	5
	ONKAR RAJKUMAR TAKALE	Kalp tech solution pvt ltd	1/21/2023	2/18/2023	4
35	PALKAR SHRADDHA KISAN	Kalp tech solution pvt ltd	1/21/2023	2/18/2023	4
36	PANDE ROHINI ASHOK	Jayashree Electron Pvt, Ltd.	1/21/2023	2/20/2023	5
37		GE Aviation	1/21/2023	3/4/2023	6
38	PATIL ANJALI ANANT	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 ltd	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 RUTUJA SURESH	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		2/25/2023	5
46	SHAIKH ZEBA AFSAR	GE Aviation	3/14/2023	4/19/2023	5
47	SHINDE ROHIT ANIL	Infovoices, pvt.ltd	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.ltd	1/21/2023	2/18/2023	4
51	UMAP RUTUJA RAMESHRAO	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			1	-
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	The state of the s	0.000.0000		

Prof. Geetanjali Argade

1&P Coordinator

Prof. M.U.Inamdar

Dr. L.V. Kamble



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

Siddhant 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.

02114-661904.

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

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

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

Prof. Geetanjali Argade

Internship coordinator (Dept. TPC)

(8605431518)

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

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



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

Siddhant College of Engineering.

Department of Electronics and Telecommunication Engineering.

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At. Post - Sudumbare, Tal. - Maval. Dist. - Pums. PIN - 412 109.

02114-661904.

SEM- II (2022-23)

Class:- TE (E & TC)

Date: 19th May 2023

NOTICE

All the students of TE (E&TC) Class of 2022-23 are hereby informed that they have to submit soft copy and hardcopy of internship completion certificate to the concerned internship coordinator and one hard copy (Spiral binding) is to be fixed with the internship report. Internship successful completion certificated is to be on the letter head of the company with the seal where internship is going on. Certificate is duly to be signed by the industry guide.

Note: Format for Internship Report is uploaded online on your mail IDs.

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

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

Head of Department,

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
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- 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.



C. A. Y. M. F. Truce's

Siddhant College of Engineering.

Department of Electronics and Telecommunication Engineering.

(Appeared by AN-TE. Recognized to Core of Moborathus and Affiliated in S.F. Pine University & MSB1F)

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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
- Project Guides will be allotted by Project Coordinator and HOD on 2th August 2022
 Note: Project group submission link https://forms.gle/SwTH9htTv|GZP75B7

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

Dr. Prabaat K. Pallav Head of Papears Tept. Sidebast Dolling of Engineering Sudumbare, Naval, Pune- 412109



Department of Electronics and Telecommunication Engineering,
(Approved by ARCTE, Recognized by Gavi. of Habarashina and Affiliated to S.P. Peme University & MSRIE)
At Post - Sudmitbave, Fol. - Mayal, Dist. - Pune, PIN - 112 109. - 02114-661904

Date: 27th July 2022

List of Project Guides with Choices

r. 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, Maval, Pune- 412109

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

ass: BE (E&TC	Project Group list	2022-23
Group No	Students Name	Signature
		Any
	AMIT RAMCHANDRA KOKARE	Amitk.
1	CHOWDHARY KAMLESH SHIVKARAN	CAPT
	DHENGALE PRANJAL KASHINATH	728
7D S	KHALADKAR KULDIP SADASHIV	Kuldes
2	KUMAWAT HARSHAL VASANTRAO	
	KALE AMOL KASHINATH	Huder of any
	DANGE AMRUTA DILIP	ADD.
3	SHEWALE ASHWINI ASHOK	Speak
	KAMBLE VAIBHAVSHALI RAJENDRA	V. Kumble
	MANDAVKAR MANGESH RAMESH	reasset.
4	GADE DHANSING HARIDAS	D Gode
(6)	DIMBLE SWAPNIL PRABHAKAR	Linible
	DADASO BHAGAVANRAO JADHAV	D. Tadken
	KHATRI KEDAR RAMESHKUMAR	Viedas:
5	PRAMOD GANPATRAO DHONUKSHE	DAPERNYO
	GADE ATUL RAGHUNATH	A Grade
193 5	KACHARE KUNAL RAJARAM	1. Kachan
6	PUNAM PANDURANG SIRASE	Durany.
	GHOTALE UJWALA REVANSIDDH	U.Gholale
-0.	ADEKAR SHREYA ANAND	Shacker
7	KHARE NISHA PRABHAKAR	J-Kahau
	BHUJBAL KALYANI ANIL	Bullen
	SALUNKHE AKSHAY MARUTI	Akshours.
8	KADAM PRASHANT BALASAHEB	KADAME
	KHANVILKAR DHANANJAY INDRAJIT	DIKham
	MOHITE ADITYA ANGAD	Andrife.
9	SHINDE SAMEER DNYANESHWAR	001:1
	MUNGASE SURAJ SANJAY	Showing
	BIRADAR KRANTI NETAJI	Biradon
10	BIRAJDAR SAURABH RAJARAM	- Ewalder
	BIRAJDAR SNEHA RAJARAM	sunaB.
	VISHAL BABAN MISAL	Victor
11	DATTRAM KALYAN KALE -	Kalyunk.
	DAWANE ABHIJEET VIJAY	1 Jun one
12	DUBEY VIJAY SATYANARAYAN	Hubeg -

Jui?

Project Coordinator Prof. M.U Inamdar HOD

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

Siddhant College of Engineering Department of Electronics and Telecommunication

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

Project stage 1

Roll No	Group No	Student Name	Guide Name	Remark (Sign)
1	G2201	SALUNKHE AKSHAY MARUTI		10
2		KHANVILKAR DHANANJAY INDRAJIT	Prof.Kure Namita	1KU2
3		KADAM PRASHANT BALASAHEB	Transference and transference	1 30
4	G2202	DANGE AMRUTA DILIP	A supplied of the management.	
5	parties.	KAMBLE VAIBHAVSHALI RAJENDRA	Prof.Inamdar M.U	
6	1	SHEWALE ASHWINI ASHOK		
7	G2203	PUNAM PANDURANG SIRASE	32 X	11100
8		GHOTALE UJWALA REVANSIDDH	Prof.Kure Namita	Mirro
9		KUNAL KACHARE		1.3
10	G2204	ADEKAR SHREYA ANAND		-25.00
11		BHUJBAL KALYANI ANIL	Prof.Inamdar M.U	-
12		KHARE NISHA PRABHAKAR		11 222
13	G2205	KALE AMOL KASHINATH		CONT
14		KHALADKAR KULDIP SADASHIV	Prof, Prabhat Pallay	194
15		KUMAWAT HARSHAL VASANTRAO	TA DO BUSINAMINE SPECIAL	#0.80.000 I
16	G2206	KHATRI KEDAR RAMESHKUMAR		
17	2000	GADE ATUL RAGHUNATH	Prof.Inamdar M.U	
18		PRAMOD GANPATRAD DHONUKSHE		
19	G2207	MUNGASE SURAJ SANJAY		
20	1	MOHITE ADITYA ANGAD	Prof.Prabbat Pallay	Ret
21		SHINDE SAMEER DNYANESHWAR	a salat tarbasa (maa)	27

22	G2208	AMIT RAMCHANDRA KOKARE		
23		CHOWDHARY KAMLESH	Prof.Prabbat Pallav	CNAD
7		DUBEY VIJAY SATYANARAYAN	2.100.010.000	100
24		DHENGALE PRANJAL KASHINATH		-
25	G2209	BIRADAR KRANTI NETAJI	1820 E 00-20	10.00
26		BIRAJDAR SAURABH RAJARAM	Prof.Kura Namita	Jan
27		BIRAJDAR SNEHA RAJARAM		100
28	G2210	DIMBLE SWAPNIL PRABHAKAR		520
29		DADASO BHAGAVANRAO JADHAV	-Prof.inamdar M.U	1
30		MANDAVKAR MANGESH RAMESH	T PULL STATE OF THE STATE OF TH	v
31		GADE DHANSING HARIDAS		
32	G2211	DATTARAM KALYAN KALE	- 0.00000000000000000000000000000000000	Old
33		DAWANE ABHIJIT VIJAY	Prof.Prabhat Pallav	1 from
34		V ISHAL BABAN MISAL		,

Prof. Inamdar M.U

Project co-ordinator

Prof.Pallav Prabhar

Head Of The EATC Dept. Siddhant College of Engineering Sedumbare, Maval, Pune- 412109



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

Siddhaut College of Engineering.

Department of Electronics and Telecommunication Engineering.

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

Al. Post - Sudumbary, Tal. - Moval, Dist. - Pane, PIN - 412 109,

202114-661904

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&TC Dept. Siddhant Gollege of Engineering Sudumbare, Maval, Pune-412109



Department of Electronics and Telecommunication Engineering.

Approved by AETE, Recognized by Gott, of Maharashim and Affiliated to S.P. Pare University & AISBUE)
At Part - Sudambere, Tal. - Mavel, Dist. - Pune, PIN - 112 109 (02114-661904)

Date: 03/08/2022

Attendance of Project Guides

Sr. No	Name of Project Guide	Class.
1.	Dr. Prabhat Pallav	Sign
2.	Prof M U Inamdar	100
3.	Prof A V Bade	Bady.
4.	Prof G A Argade	Grigady. Secondary
5.	Prof S B Deshmukh	Groneley
6.	Prof S V Shelke	
7.	Prof K A Kadam	(ha)

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

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

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

lass: BE (E&T)	1 Toject Group list	2022-23
Group No	Students Name	Signature
	AMIT RAMCHANDRA KOKARE	Luit
1	CHOWDHARY KAMLESH SHIVKARAN	COBS
	DHENGALE PRANJAL KASHINATH	CAB-
	KHALADKAR KULDIP SADASHIV	KK Stoke
2	KUMAWAT HARSHAL VASANTRAO	launt
	KALE AMOL KASHINATH	Chol
	DANGE AMRUTA DILIP	Amul a
3	SHEWALE ASHWINI ASHOK	2 Base
	KAMBLE VAIBHAVSHALI RAJENDRA	Vaihhal
	MANDAVKAR MANGESH RAMESH	Magshe
4	GADE DHANSING HARIDAS	Povoles
•	DIMBLE SWAPNIL PRABHAKAR	Sampaille
	DADASO BHAGAVANRAO JADHAV	New
69	KHATRI KEDAR RAMESHKUMAR	Kataki
5	PRAMOD GANPATRAO DHONUKSHE	Theday
	GADE ATUL RAGHUNATH	Atal-R
800	KACHARE KUNAL RAJARAM	Kralk
6	PUNAM PANDURANG SIRASE	39 2080
	GHOTALE UJWALA REVANSIDDH	Utwala
	ADEKAR SHREYA ANAND	Shireye
7	KHARE NISHA PRABHAKAR	NehaB
	BHUJBAL KALYANI ANIL	bushal de
loun.	SALUNKHE AKSHAY MARUTI	S Droug
8	KADAM PRASHANT BALASAHEB	Palisaher.
	KHANVILKAR DHANANJAY INDRAITT	CKO
Case C	MOHITE ADITYA ANGAD	Takes
9	SHINDE SAMEER DNYANESHWAR	Dyperty
	MUNGASE SURAJ SANJAY	53424
	BIRADAR KRANTI NETAJI	Bo daz
10	BIRAJDAR SAURABH RAJARAM	Day.
- 6	BIRAJDAR SNEHA RAJARAM	Anera:
	VISHAL BABAN MISAL	Vishal
11	DATTRAM KALYAN KALE	Vata
	DAWANE ABHIJEET VIJAY	₹5hi
12	DUBEY VIJAY SATYANARAYAN	Visian 5

Project Coordinator Prof. M.U Inamdar

Dr. Prabhat Pallav

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



Department of Electronics and Telecommunication Engineering.

(Approved by ARTE, Recognized by Gast, of blobarashins used Affiliated to S.P. Proc. University & MSBTE) Al. Post - Sudumbare, Fal. - Maval, Dist. - Proc. PSN - 412 109. 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&PS Dept. Siddhant College of Engineering Sudumbare, Mayal, Pune- 412109



C. L. Y. M. E. Trust's Stiddhant College of Engineering. Department of Electronics and Telecommunication Engineering. (Approved by 18.71). Recognized by Gove of Nishwashira and Affiliated in S.P. Pine University & MSBTE).

Al. Past - Sudambary, Tal. - Mayal, Dat. - Page, PLN - 412 109 - 02114-661904

Date: 22st August 2022

Attendance of Project Guides

Sr. No	Name of Project Guide	Sign
1.	Dr. Prabhat Pallav	POL
2.	Prof M U Inamdar	Me;
3.	Prof A V Bade	drain
4.	Prof G A Argade	(myles)
5.	Prof S B Deshmukh	- Executed.
6.	Prof S V Shelke	- Aug
7.	Prof K A Kadam	dealer .

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

Head of Department, Head of the Earc Dept. Siddhant College of Engineering Sudumbare, Maval, Pune- 412109

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Control	Project Title	List		Sem-I		
Group	Sendents Name	Si	gn		A.Y2	022-23
200	AMIT RAMEBIANERA KOKARE	108	1.	Title	Guide Nam	e Signatur
	CHOWCHARY KAMEESH SHIVKARA	N C	4	Automatic Accident detection With Hotification/System and Electric Bamper	Caretain Caretain	1
	DIRENGALE PLANIAL KASHINATH	X	3.		Dr. Prablue K. Py	an hel
	KHALADKAR KULDIP SADASHIV	Ku	14.0			M
2	KUMLAWAT HARSHAL YASANTRAO	Hend				
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5	PRAMOD GANPATRAO DHONUKSHE	de,		Hand Gesture Recognition using 101	Prof. NEU brander	-
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6	PUNAM FANDURANG SIRASE	Preserv		Portugue de		
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	ADEKAR SHREYA ANAND	Anano	44			20
7	KHARE NISHA PRABHAKAR	Miche	24 OO	Hery Mangament System using Cooling	Prof. N.U handar	
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	KHANVILKAR DHANANIAY INDRAJIT	P. Keebe	4	ce Controlled Wheel Chair with Obstele dection and Control via Touch Pannel	Prof. Swari Destroyth .	Boshet
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- 1	RAJDAR SAURABE RAJARAM	= Bride	Doc	F Access Control System Face Mask	140000	
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	DUBEY VIIAY SATYANARAYAN	0	100 m			M
	TANAKAYAN	Tuber	IOF Ba	ed GPS Location Tracker using Node mee and GPS Modele	Prof. Shubbangi Shelke	1

Project Coordinator Prof. M.U Inamdar

Head of The Es No Depz.
Siddhant College of Engineering
Sudumbare, Neval, Pune- 41 2 109



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

Sidultant College of Engineering.

Department of Electronics and Telecommunication Engineering.

(Approved by AKTE, Recognized by Gott of Alabarashura and Affiliated to S.P. Pane University & MSBTE).

At Post - Sudumbure, Tal. - Mavail, Dist. - Pune, PIN - 412 109, 2:02114-661904

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)
- 5. 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 Department

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



Department of Electronics and Telecommunication Engineering.

Agground by AIC FE. Recognized by Gots of Unbounders and Affiliated to S.P. Pone University & SISBIE)

At Past - Sudambace, Ted - Marcal, Dest - Prine, PIN - 417 109. 02114-661904

Date: 10th October 2022

Attendance of Project Guides

Sr. No	Name of Project Guide	Sign
1.	Dr. Prabhat Pallav	Bac
2.	Prof M U Inamdar	fra -
3.	Prof A V Bade	Band -
4.	Prof G A Argade	(wednest)
5.	Prof S B Deshmukh	- Englag.
6.	Prof S V Shelke	
7.	Prof K A Kadam	- June

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

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

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

		Committee of the Parket of the Committee	Engineering, Sudumbare, Post IMUNICATION ENGINEERING DEPART		
Class; BE (EATC)	Project Title List	o receive.	Sem-II	A.Y2022-23	
Crosp No	Students Name	Sign	Title	Guide Name	Signature
	AMIT RAMCHANDRA KOKARE	Det.		Dr. Praishar K. Paller	-0.50
1	CHOWDHARY KAMLESH SHIVKARAN	1	Automatic Accident deternion With NotificationSystem and Electric Bumper		W
	DHUNGALE PRANJAL KASHINATH	Phyd			M
	KHALADKAR KULDIP SADASHIY	non	IOT Base EV Battery Municiping and Alent system		- 18
2	KLIMAWAT HARSHAL VASANTRAG	Hazshel		Dr. Posishot K. Pallare	M
	KALE AMOL KASHINATH	haller	aparen		18
	DANGE AMRUTA DILIP	Daup			
3	SHEWALE ASHVINI ASHOK	askel	Safety Jakoct for Women	Pool M.U Incender	de-
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4	DIMBLE SWAPNIL PRABBAKAR	Swappill	Design an Algorithm for Efficient Communication Between Nodes in IOT	Prof. M.O Investor	-
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	BHUJBAL KALYANI ANL	Am	Thermo Electric		_
	SALUNKHE AKSHAY MARUTI	Akshou			
		Balde	Voice Costrolled Wheel Cluir with Olostele	Prof. Swai Dedunikh	Ses
8	KADAM PRASHANT BALASAHEB KHANALKAR DHANANJAY INDRAJIT	Hanis	Detection and Control via Touch Pannel		
		1	0		1 3
20	MONITE ADITYA ANGAD	Margal	Wildlife Observativ Robot	Dr. Problet K. Paller	WILL.
. *	SHINDE SAMEER DNYAMESHWAR	Soul	C	and the second second	W
-	MUNGASE SURAI SANIAY	Heta			-
	BIRADAR KRANTI NETAJI	Ned	Door Access Control System Face Mask	Prof. Kalyani Kadan	CHAR
10	BIRAJDAR SAURABH RAJARAM	Surab	Detection Using Artificial Intelligence		Co.
	BIRAIDAR SNEKA RAIARAM	Kaya			0.0
	VISHAL BABAN MISAL	IVIEC	Alcohol Sensing Alert with Motor Locking	De Ballier V. Billion	WA
11	DATTRAM KALYAN KALE	Konlas	System	Dr. Problet .K . Pollov	X
	DAWANE ABRUSET VIJAY	to			1
12	DUBEY YUAY SATYANARAYAN	Rid	iOT Based GPS Location Tracker using Node mea and GPS Module	Prof. Shubkangi Shelke	Anne

Project Coordinator Prof. M.U Inamdar

Me'

HOD Dr. Prabbat Pallav Head Of The FISTE Dept. Siddhant College of Engineering Sudumbare, Mavai, Pune- 412109



Department of Electronics and Telecommunication Engineering.

(Approved by AICTE. Recognized by Gare of Haharashira and Affiliated to S.P. Pone University & MSSTE) At. Post - Sudumbore, Tal. - Moval, Dist. - Pune, PIN - 412 109. B02114-661904.

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 EATC Dept.
Siddhant College of Engineering
Stidumbare, Mayal, Pune- 412109

	Siddha Siddha	int Colle	ge of Engineering, Sudumb	- n	
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(E&TC	Project Title	List	O STATEMICATION ENGINEERIN	NG DEPARTMENT	
Group N	Students Name	-	Sem-I	A.Y20	22-23
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1	CHOWDHARY KAMLESH SHIVEARAN	4	Contract of the Contract of th		
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		Mohit	-		
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	ADAR KRANTI NETAJI	leta.			27
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		Misac	Water Commencer		
	Abor animone	alyan	Alcohol Sensing Alest with Motar Locking System	Dr. Bratt	Rent-
-	AND ADMINET VIAY	to.	vymani	Dr. Prebbat K. Falley	Vap
	DUBEY VUAY SATYANARAYAN	wey	IOT Based GPS Loration Tracker using Node		
	V	/	mex and GPS Module	Prof Shabhangi Shelke	1201

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Project Coordinator Prof. M.U Inamdar

HOD

Dr. Prabhat Pallav Head Of The E&T Dept. Siddhant College of Engineering Sudumbare, Maval, Pupe- 43.2109



Department of Electronics and Telecommunication Engineering.

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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:

Introduction
 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 HeadliffDephärini Dapt. Siddhad Quidhadheadingering Sudumhare, Neval, Pune-412109

Chas: BE (E&TC) Group N	Froject Title L	ND TELECY	of Engineering, Sudumbar	c. Pune	
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	KALE AHOL KASHINATH	200	System System	Dr. Pratifier K. Party	· BAC
	DANGE AMRUTA DILIP	Brot.			100
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5	PRAMOD GANPATRAO DHONUKSHE	Rhatzi			-
	GADE ATUL RACHUMATH	The	Hand Gesture Recognition using IOT	Prof. M.U.Inandar	do-
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	HAL BABAN MISAL	Nine			
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DAV		20	. System	Dr. Probhat & Pallov	BOX
1	DUBEY VIJAY SATYANARAYAN	Ubey 101	Based GPS Location Tracker using Node ricu and GPS Module	Prof. Stubbungi Shelic	Ame

Project Coordinator Prof. M.U Inamdar

Dr. Prablist Pallav
Head Of The ERPG Dept.
Siddhant College of Engineering
Sudumbare, Maval, Pune- 412109



Department of Electronics and Telecommunication Engineering.

(Approved by AICTE, Recognized by Govt. of Maharastera and Affiliated to S.P. Pune University & MSBTE) At. Past - Sudumbare, Tal. - Maval, Dist. - Pune, PIN - 412 109. B 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)

- 1. 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. Prablial K. Pallay Head of Department. E & TC Engineering

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



Department of Electronics and Telecommunication Engineering.

(Approved by AICTE, Recognized by Govt. of Maharashira and Affiliased to S.P. Pune University & MSRITE)

At. Post - Sudumbare, Tal. - Maval, Dist. - Pune, PIN - 412 109. 202114-661904.

SEM- I (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. Prabhat K. Pallav Head of Department, E & TC Engineering

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



Department of Electronics and Telecommunication Engineering.

(Approved by AECTE, Recognized by Govt. of Maharashira and Affiliated to 3.P. Pune University & MSBTE)

At. Post - Sudumbare, Tal. - Maval, Dist. - Pune, FIN - 412 109. E02114-661904.

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:-

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

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



Department of Electronics and Telecommunication Engineering.

(Approved by AICTE, Recognized by Govi. of Makarashtra' and Affiliated to S.P. Pime University & MSBTE)
At. Post - Sudumbare, Tal. - Maval, Dist. - Pune, PIN - 412 109, ©02114-561904.

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 EATC Dept. Siddhant College of Engineering Sudumbare, Mayal, Pune- 412109



Department of Electronics and Telecommunication Engineering.

(Approved by AKTE, Recognized by Govt. of Malarmina and Affiliated to S.P. Pune University & MSSTE)

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. Prabhat Pallav	80K
2.	Dr. A. V. Bade	AlBah
3.	Prof. M U Inamdar	-12:-
4.	Prof. G.A. Argade	Grycoll .
5,	Prof. S. B. Deshmukh	Ershelsely
6.	Prof. S. V. Shelke	1
7.	Prof. K. A. Kadam	Ned

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

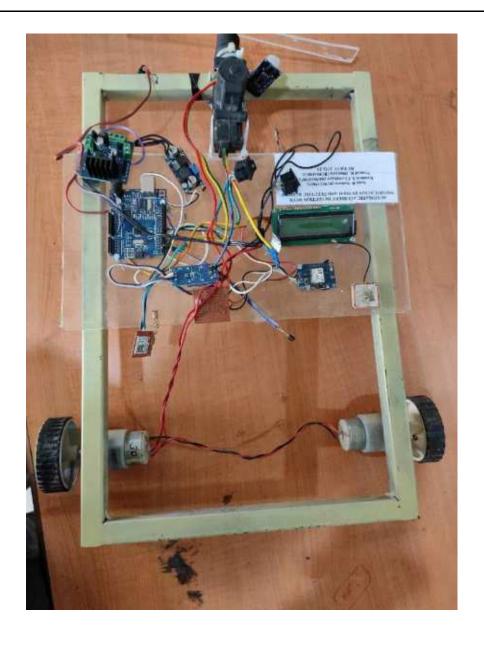
Dr. Prabhat K. Pallav Head of Department, E & TC Engineering

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

ave 1			MUNICATION ENGINEERING DEPA	A.Y2022-2	3
S; BE	Project Title List		Sem-II		
up No	Students Name	Sign	Title	Guide Name	Signature
ī	AMIT KAMCHANDRA KOKARE	150	Automatic Accident detection With NotificationSystem and Electric Bumper	Dr. Probhat K. Paller	MC
	CHOWDHARY KAMLESH SHEVKARAN	CK.			
	DHENGALE PRANIAL KASHINATH	D.			
33	KHALADKAR KULDIF SADASHIV	Kubbe	ICT Date EV Battery Monitoring and Alen system	Dr. Peribbat K. Paller	POX.
	KUMAWAT HARSHAL VASANTRAD	Acus			
	KALE AMOL KASHINATH	SHOT			
3	DANGE AMRUTA DILIP	Days	Safety Jaken for Women	Prof. M.U Inender	1
	SHEWALE ASSISTED ASSIST	Agrant			re
	KAMBLE VAIBHAVSHALI RAJENDRA	kamble			
4	MANDAVKAR MANGESH RAMESH	ل تعلل	Design an Algorithm for Efficient Communication Between Nodes in 10T	Prof. M.U Inunder	
	GADE DHANSING HARIDAS	Control			le
	DIMBLE SWAPNIL PRABHAKAR	Mali			_
	DADASO BHAGAVANRAO JADHAV	Dade			
5	KHATRI KEDAR RAMESHKUMAR	Felle	Hand Greture Recognition using IOT	Prof. M.U Inuredar	1
	PRAMOD GANPATRAO DHONUKSHE	Pound			-
	GADE ATUL RAGHUNATH	HEADE			
6	KACHARE KUNAL RAJARAN	Pole	K/IT based Smart Energy Meter	Prof. Greunjali Argade	Grandy
	PUNAM PANDURANG SIRASE	don.			
	GBOTALE UPWALA REVANSIDOH	Coher			
т	ADEKAR SHREYA ANAND	Frank	Battery Mangament System using Cooling Thermo Electric	Prof. M.U. Insender	
	K HARE NISHA PRABIHAKAR	अंदर्ध			de-
	BHUJBAL KALYANI ANIL	k Brus			
_	SALUNKHE AKSHAY MARUTI	None	Voice Controlled Wheel Chair with Obside Detection and Control via Touch Passet	Prof. Swari Deshwakk	-
	KADAM PRASHANT BALASAHEB	Tanta			Sest
	KHANVILKAR DHANANIAY INDRAIT	Elin			
	MOHITE ADITYA ANGAD	Volite		Dr. frablus K. Pallav	N
9	SHINDE SAMEER DNYANESHWAR	Samo	Wildlife Observation Robot		w
3,80	MUNGASE SLIIAJ SANIAY	Sanju			28
je	BIRADAR KRAHTI NETAJI	Hela	Door Access Control System Face Mask Describes Using Artificial Intelligence	Prof. Kalyuni Kadare	
	BIRAIDAR SAURABH RAIARAN	عداد			HIS
	EIRAIDAR SNEHA RAIARAM	Stera			-
п	VISHAL BABAN MISAL	309 04	2/-	Dr. Problem K. Pallav	7.50
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		112			12
101.5	DAWANE ABHUEET VUAY DUBEY VUAY SATYANARAYAN	50	2 LOT Based GPS Location Tracker using Node	Prof. Shubbangi Shelke	1

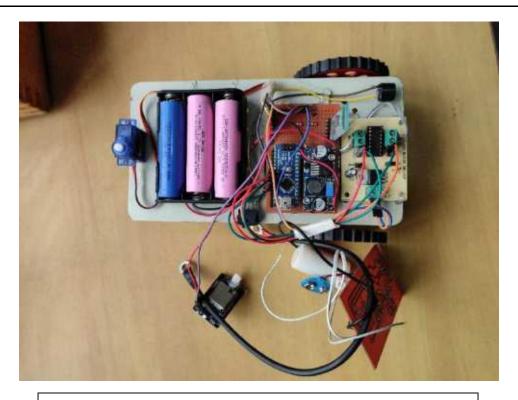
Project Coordinator Prof. M.U Inamdar

Dr. Prabhat Pallav Head Of The E&PC Dept. Siddhant College of Engineering Sudumbare, Maval, Puris- 412109



B E – Electronics. 2022-23.

Automatic Accident Detection with Notification System and Electric Bumper.



B E – Electronics. 2022-23. IOT Based E V Battery Monitoring & Alert System..



B E – Electronics. 2022-23. Battery Management System Using Cooling Thermo-Electric.