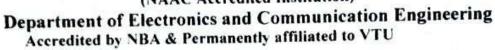


DON BOSCO INSTITUTE OF TECHNOLOGY

(NAAC Accredited Institution)





Process of Identification and Monitoring the Student's Projects

Announcement of the formation of project groups (Maximum of 3 to 4 students) by the project coordinator during 7th SEM

Submission of project synopsis to project coordinator

Allotment of guide by the HOD & project coordinator based on the area of interest

Phase-1: (VII Semester) Presentation includes objective. literature survey, Problem Identification, Methodology, Synopsis and Presentation

Phase-2: (VIII Semester)Design & Implementation & Conclusion

Submission of Report

Consolidated Marks will be sent to the University after approval from HOD & Principal

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DON BOSCO INSTITUTE OF TECHNOLOGY, BANGALORE DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING



Rubrics for 2018 Scheme Student Project

Rubric 2 (R2): Phase -II Review I Evaluation 50 Marks

Parameter	Low (0-35%)	Medium (36%-65%)	Medium (66%- 100%)	со	Max Marks
50 % completion of Project	Progress not according to the schedule (0-7)	Progress not according to the schedule but with justification (8-13)	Progress as per theSchedule (14-20)	CO1, CO2	20
Logbook, Dress Code, Attendance	No dress code. Not following Attendance & Schedule (0-1)	Poor Dress code, Irregular attendance, not Submitting on time (2-3)	Follows dress code, Attendance, Submission on time (4-5)	CO3,	5
Slide Content Quality	The contents of the Slides does not completely explain the project or contains irrelevant materials (0-4)	The content ofthe slides explains theproject work with someunnecessarydocuments (5-7)	The Slides completely explains the project work andcontains all relevantmaterial (8-10)	CO1	10
Oral Presentatio n Quality	Unable to communicate the work carried out (0-5)	Could communicate the information to a limited extent (6-10)	Has effectively communicated the work carried out (11-15)	СОЗ	15

Rubric 3(R3): Phase -II Review II Evaluation 50 Mark

Parameter	Low (0-35%)	Medium (36%-65%)	Medium (66% - 100%)	со	Max Marks
100 % completio n of Project	Progress not according to the schedule (0-7)	Progress not according to the schedule but with justification (8-13)	Progress as per the Schedule (14-20)	CO1, CO2	20
Logbook, Dress Code, Attendanc e	No dress code, Not following Attendance, Schedule (0-1)	Poor Dress code, Irregular attendance, not Submitting on time (2-3)	Follows dress code, Attendance, Submission on time (4-5)	CO3, CO4	5
Slide Content Quality	The contents of the Slides does not completely explain the project or Contains irrelevant materials (0-4)	The content of the slides explains the project work with some unnecessary documents (5-7)	The Slides completely explains the project work and contains all relevant material (8-10)	CO1	10
Oral Presentati on Quality	Unable to communicate the work carried out (0-5)	Could communicate the information to a limited extent (6-10)	Has effectively communicated the work carried out (11-15)	соз	15

Project Co-Ordinators

Mr.Suresha H S

Mrs Lakshmidevi T R,

+56-29/10/22

Professor & H.O.D

sept. of Electronics & Communication

sen sosce INSTITUTE OF TECHNOLOG

compaleseds. BANGALGEE-See SPA



DON BOSCO INSTITUTE OF TECHNOLOGY, BANGALORE DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING



Rubrics for 2018 Scheme Student Project

Rubric 1 (R1): Phase -1 Review-1 Evaluation 100 Marks

Parameter	Low (0-35%)	Medium (36%-65%)	Medium (66%- 100%)	co	Max Marks
Problem Definition & Recentness of the Project	Less clarity in the domain choosing and problem identification (0-7)	Having chosen the domain and needs more effort to define the problem (8- 13)	Well defined problem with clarity of objectives (14-20)	CO1	20
Literature Survey	Inadequate survey of literature which can substantiate the objectives defined (0-11)	Survey of literature done with less relevant articles and needs to justify the existing work (12-20)	Extensive survey of literature survey and existing systems/methods (21- 30)	CO2	30
Slide Content Quality	The contents of the Slides does not completely explain the project or contains irrelevant materials (0- 7)	The content of the slides explains the project work with some unnecessary documents (8-13)	The Slides completely explains the project work and contains all relevant material (14 Well defined -20)	CO1	20
Oral Presentation Quality	Unable to communicate the work carried out (0-11)	Could communicate the information to a limited extent (12-20)	Has effectively communicated the work carried out (21-30)	соз	20
Project Synopsis	Less Clarity in project synopsis	Few contents missed in project synopsis	Well defined project synopsis	CO4	10

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Rubric 1 (R1): Phase -1 Review-1 Evaluation 100 Marks

Parameter	Low (0-35%)	Medium (36%-65%)	Medium (66%- 100%)	со	Max Marks
Problem Definition & Recentness of the Project	Less clarity in the domain choosing and problem identification (0-7)	Having chosen the domain and needs more effort to define the problem (8- 13)	Well defined problem with clarity of objectives (14-20)	CO1	20
Literature Survey	Inadequate survey of literature which can substantiate the objectives defined (0-11)	Survey of literature done with less relevant articles and needs to justify the existing work (12-20)	Extensive survey of literature survey and existing systems/methods (21- 30)	CO2	30
Slide Content Quality	The contents of the Slides does not completely explain the project or contains irrelevant materials (0- 7)	The content of the slides explains the project work with some unnecessary documents (8-13)	The Slides completely explains the project work and contains all relevant material (14 Well defined -20)	CO1	20
Oral Presentation Quality	Unable to communicate the work carried out (0-11)	Could communicate the information to a limited extent (12-20)	Has effectively communicated the work carried out (21-30)	соз	20
Project Synopsis	Less Clarity in project synopsis(0-4)	Few contents missed in project synopsis(4-7)	Well defined project synopsis (7-10)	CO4	10

Project Co-Ordinators

Mr.Suresha H S

Mrs Lakshmidevi T R,

tsb 29/10/22

HOD-ECE

Frotessor & H.O.D copt, of Electronics & Communication SUB BOSCO INSTITUTE OF TECHNOLOS: tembelser de RANGALORE-800 870



Wayanamac Education Trust (R)

DON BOSCO INSTITUTE OF TECHNOLOGY Department of Electronics & Communication Ph: +91-80-28437028 / 29/30 Fax: +91-80-28437031 Kumbalgodu, Mysore Road, Bangalore - 560074



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CO MAPPING

	Andrew Control of the						
Subject	Subject Name & Code	Project work Phase-1 18ECP77	Academic Year	2022-23			
Course I	Course Instructors	Mr. Suresh H S, Mrs Lakshmidevi T R	ODD/EVEN Semester	ODD			
Statements of Course Outcomes					Target (%)	BL	
000-1	Identify the P	Identify the Problem to provide solution through technology.	gy.		80	77	1
00-2	Analyze Liter	Analyze Literature about emerging trending technology and research concept.	nd research concept.		80	77	
500-3	Illustrate difficentia	Illustrate different solutions for the new concepts on innovation going on related to societal, environmental and technology.	vation going on related to soci	etal,	80	ຄ	1
007	Ability to artic	Ability to articulate and present project synopsis			80	77	1

	C	CO-PO Mapping Table (In the scale of 3)	Mapp	ing Ta	ble (In	the sc	ale of	3)					CO-PSO	Mapping	Table	
CO/PO	1	"	3	7	v.	9	-	90	6	10	=	12	CO/PSO	-	7	3
1-83	m	ers.	*	17		-1		***	e4	2		g-1	1-00	61	ra .	
2.00.2	ī	100	2	2		**		1	2	2	1	rt	2002	61	2	L
0.3	2	7	ars.	8		m	en.	7	2	14	1	1	CO-3		3	2
10	-					44			m	C14		**	1 004			-
7	œ	90	7	7	-4	9	en	4	on.	90	873	4	Total	4	7	3

2 CO-PO & CO-PSO magning levels will be FINALIZED by the course coordinator and the course instructors with proper justification. NOTRE-1/ (O's ourcome should be justifiable. There is no compulsion of retaining VTU CO's as per the university instruction.

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DON BOSCO INSTITUTE OF TECHNOLOGY

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Analyze the problem, formulation and solution of the selected project Develop solutions for contemporary problems using modern tools for sustainable development. Demonstrate ethical and professional sustainability while working in a team and communicate effectively for the benefit of the society.	Analyze the problem, formulation and solution of the selected project	Target (%)	Course Instructors Mr. Suresh H S,Mrs Lakshmidevi T R ODD/EVEN Semester ODD & EVEN		-23	Academic Year ODD/EVEN Semester ODD/EVEN Semester ODD ted project n tools for sustainable development. vorking in a team and communicate	CO MAPPING 18£2p83 Aca akshmidevi T R OD colution of the selected p blems using modern toc stainability while worki	Project work Phase-2 Mr. Suresh H S,Mrs L roblem, formulation and s ions for contemporary pro ethical and professional su the benefit of the society.	Name & Code Instructors Analyze the p Develop soluti Demonstrate e effectively for	Statements of Course Outcomes CO-1 CO-2 CO-3
	Develop solutions for contemporary problems using modern tools for sustainable development. 80 Demonstrate ethical and professional sustainability while working in a team and communicate 80 effectively for the benefit of the society.	Analyze the problem, formulation and solution of the selected project Develop solutions for contemporary problems using modern tools for sustainable development. 80 Demonstrate ethical and professional sustainability while working in a team and communicate 80 effectively for the benefit of the society.	Analyze the problem, formulation and solution of the selected project Develop solutions for contemporary problems using modern tools for sustainable development. 80 Demonstrate ethical and professional sustainability while working in a team and communicate 80 effectively for the benefit of the society.	[4	80	iciples.	I management prin	Understand the engineering, finance and management principles.	Understand th	60-4
Instructors Mr. Suresh H S,Mrs Lakshmidevi T R ODD/EVEN Semester ODD &	nstructors Mr. Suresh H S,Mrs Lakshmidevi T R ODD/EVEN Semester ODD & EVEN Target (%)	Mr. Suresh H S,Mrs Lakshmidevi T R ODD/EVEN Semester			-23		186CP83	Project work Phase-2	Name & Code	Subject
Name & Code Project work Phase-2 18 CL p83 Academic Year 2022-23 Instructors Mr. Suresh H S,Mrs Lakshmidevi T R ODD/EVEN Semester ODD &	Name & Code Project work Phase-2 1862p83 Academic Year 2022-23 nstructors Mr. Suresh H S,Mrs Lakshmidevi T R ODD/EVEN Semester ODD & EVEN Target (%)	ode Project work Phase-2 18 62 pg3 Academic Year Mr. Suresh H S,Mrs Lakshmidevi T R ODD/EVEN Semester	Project work Phase-2 18 60 p83 Academic Year				CO MAPPI			

	Ü	CO-PO Mapping Table (In the scale of 3)	Mappi	ng Tal	nle (In	the sca	le of 3	9					CO-PSO	CO-PSO Mapping Table	Lable	
CO/PO	-	7	3	4	10	9	7	00	6	10	Ξ	12	CO/PSO	-	7	
1-02	E	m	1	2		m	2	н	33	m	2	En .	1-00	74		
CO-2	m	m	m	m	m	2	2	2	m	æ	m	8	CO-2	61	2	
6-00	m	2	2	2	3	2	2	60	3	m	m	В	CO-3		2	
00-4		7	-			1	1	60	m	m	m	8	C0-4		9	2
Total	on.	o	7	7	9	00	7	6	12	12	11	12	Total	4	7	_

2) CO-PO & CO-PSO mapping levels will be FINALIZED by the course coordinator and the course instructors with proper justification. NOTE:-1) CO's outcome should be justifiable. There is no compulsion of retaining VTUCO's as per the university instruction.

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DON BOSCO INSTITUTE OF TECHNOLOGY, BANGALORE Department of Electronics and Communication Engineering



Project Phase - Final Marks AY 2022-23

Project Group No.	Project Associates	USN	Title of the project	Guide	Sgnatiu of Facult
	AFREEN TAJ	1DB19EC004			/
1	BHARGAVI AGNIHOTRI	1DB19EC019	voice controlled automatic	2000 1000 1000 1000	12
	KAVYAK	1DB19EC058	vacuum cleaner	Mrs.Chaitra S	190
	KAVYA S HALLUR	1DB19EC062			U
	AISHWARYA K M	1DB19EC005	Design of wireless		
2	AMRITHA PRIYA A	1DB19EC007	monitoring system for	Wilder - West Name (Children and	
-	ARPITHA P	1DB19EC011	detection of parkinson's disease using machine	Mrs. Rashmi K. T.	141
	HEMASHREE R	1DB19EC051	learning.		MA
	KEERTHAN R MATHAD	1DB19EC063	7		
3	NAMITHA S R	1DB19EC082	Text Recognotion extraction and conversion		1.5
7	NAYANA M	1DB19EC086	to speech using deep	Mrs. Rashmi K. T.	1
	P P HAEMNATH	1DB19EC089	learning		
	MALLANGOUDA S PATIL	1DB19ET001	IOT Bread smort parking		0
4	PAVAN J	1DB19ET003	IOT Based smart parking using RFID, Barcode system and pre slot Booking	Dr. Jai Prakash Prasad	X
	LAVANYA N	1DB19EC071	West of the second of the seco		
	N M NAYANA	1DB19EC080	A comparative and Performance Evaluation of	And Applied to Supercont	- 3
5	NAMRATHA M	1DB19EC083	6T and &T SRAM Cells in	Mrs Tejaswini M. L.	W
	POORNIMA S	1DB19EC090	180nm .90nmTechnology		100
	DHARSHANIKA A N	1DB19EC040			
6	DIVYA R VAIDYA	IDB19EC041	Intelligence Packing	Control Construction was a	0
6	HARINI S M	1DB19EC046	System	Mrs. Pavithra H. V.	IA
	HEERA N	1DB19EC050			,
	KISHAN P S	1DB19EC065	Physical design and		
7	MOHAMMED ATIQUE	1DB19EC077	comprative analysis of		1
	NUTHAN Y J	1DB19EC087	multiplexers using CADENCE 90nm	Mrs. Lakshmidevi T. R.	4 . 12
	PRAMODH H R	1DB19EC092	Technology		his
	KIRAN G M	1DB19EC064			
8	MOHAN M	1DB19EC078	lot Based smart security	en sur Norman	
	NAMRATHA S	1DB19EC084	system using Machine learning	Mrs. Shwetha K	8
	NANDITHA H	1DB19EC085			0
	BHARAT V G	IDB19EC016	Dustana		
9	SANJAY GOWDA M D	1DB19EC112	Design and implementation of 32-bit		Val.
,	SATHYA R	1DB19EC115	RISC V processor using	Dr Sharanabasappa	1
	SUDHANVA N PRASAD	1DB19EC125	90nm technology		· C
A Decide to	AMRUTH S	1DB19EC008			
10	HEBBARE SUMEET SHREEDHAR	IDB19EC049	3D Printer using		
10	JAYANTH SHUKLA	1DB19EC057	ARDUINO and driver board	Dr. Bhagya P.	10
	VIKAS M A	IDB19EC136	1		IK

	ANANYA V	1DB19EC009			
11	CHANDANA N	1DB19EC030	Smart blind stick	Dr. Bhagya P.	1
	SOUNDARYA A M	1DB19EC122			(V
	CHIRANJEEVI C M	1DB19EC035			
12	GAANA S KUMAR	1DB19EC045	Design of 5G Antenna for	M- Shakha C N	
12	HARSHITA B	1DB19EC047	smart watches, dongles&RFID lags	Mrs. Shubha G. N.	
	JAYANTH C	1DB19EC056			
	AKASH R	1DB19EC006			
13	BHASKAR M	1DB19EC020	Aerial Agri-Cides using	Shashiranjan	0
1.0	DARSHAN P	IDB19EC036	kinesics	Snasiiranjan	175
	DEEPAK L	1DB19EC038			1
	ARUN SUBAN M	1DB19EC012	Industrial boiler		
14	CHETHAN M	1DB19EC031	monitoring using IOT &	Mer Boons D S	
1-	CHETHAN M R	1DB19EC032	optimization of combustion in furnace by	Mrs. Roopa B. S.	A
	RAJESH KUMAR J	1DB19EC102	neural networks		
	RASHMI S	1DB19EC105	Automated ystem for		
15	SAKSHI DAMODAR UMARJI	1DB19EC111	vechicle speed detection	Dr. Chandrashekar N. S. & Dr.	10
1.0	SHRUSTI SHETTY .S	1DB19EC119	&density based traffic	Aswath Narayan B S	fil
	SURAJ S	1DB19EC128	control		
	SUSHMITHA R	1DB19EC129			
16	VAIBHAV R	1DB19EC132	Robot based pipe leakage	Mrs. Shwetha M.	1 10
10	VAISHNAVI H N	1DB19EC133	detection	IVIIS, SILWEINA IVI.	
	YASHWANTH M P	1DB19EC143			
	KISHORE V	1DB19EC066	Design and analysis of low		
17	KUMUDHA L	1DB19EC067	power CMOS	Mrs. Shruthi G	
3.7	PREMA B G	1DB19EC095	Comparators using 90nm	Wits. Stirtuin O.	
	SRIHARI R	1DB19EC123	Technology		
	KUSHAL GOWDA G	1DB19EC068			10
18	VENKATACHALANAIDU R	IDB19EC134	Automated smart robot	Mrs.Mahadevi S Manur	M
10	THILAK K	1DB19EC131	library management system	MIS.Managevi S Manur	A
	SAKSHI SURESH JADHAV	1DB20EC400			10
	MOHAMMED ANIS	1DB19EC076			
175	RANJAN R	IDB19EC104	IOT based Vechicle	Mr. C. V. Combrot	d
19	SANNIDHI H B	1DB19EC114	accident detetion system	Mr. C. Y. Gopinath	00
	YASHAS S	1DB19EC142			7
	PRERANA JAIN	1DB19EC096	= 0 TE0 =		[]
20	RAHIL AHMED	1DB19EC100	Smart Glasses for Paralysed Patients	Dr. Jai Prakash Prasad	XX
	VINAYC	1DB19EC137	ratary sed Patients		200
	ВНООМІКА S	1DB19EC023	Wireless Power charging		~
21	BRUNDA R	IDB19EC024	system with self-adjusting charges nodes for electric	Mrs. Babitha S.	N/
	KAVYA R	1DB19EC061	vehicles	CONTRACTOR	X
	LAVANYA GM	IDB19EC070			-
901	RADHIKA S	1DB19EC099	Muliple disease prediction		X
22	SUMATIMS	1DB19EC126	system uşing machine learning in python	Mrs.Chaitra S	100
	SUPRIYA M	1DB19EC127	- icarining in python		0

	REETHA N M	1DB19EC106	1		
23	SAHANA S	1DB19EC110	smart vechile security		1 6
23	SNEHA M	1DB19EC121	using biometric and WIFI module authentication	Mrs. Shwetha B. V.	1.37
	SHRUTHI S	1DB19EC120			DY"
	MONISHA.R	1DB19EC079	Design and trust oriented		
24	PREETHI N	1DB19EC093	analysis of instruction	Mrs. Shwetha B. V.	N .3
	PRIYA V	1DB19EC097	detection system in MANETS	Mis. Silvedia B. V.	X
	CHAITANYA S	1DB19EC026	IOT -enabled shipping		1,7
25	CHANDANA D	1DB19EC029	container with environment mointoring	Mr. Suresha H.S.	190
	DIVYASHREE B	1DB19EC042	and location tracking		
	MANOJ S R	1DB19EC073			
26	PRADYUMNYA K G	1DB19EC091	Prediction of disease using	Dr. Chandrashekar N. S.&	1 1
20	SANJITH KUMAR	1DB19EC113	machine learning	Mr. Kishore Kumar	1 Dr
	VIJETHA U M	1DB19EC135			lu.
	MAMATHA BM	1DB19ET002	Design and		
27	SHOBITHA P	IDB19ET004	implementation of Vedic	Mrs. Nandini A.S.	367
	TEJASHWINI PATIL	1DB19ET005	mutiplier using Urdhva Triyambham Sutra	POTONICO-MESCAMISCONIC	202
	ANUJNA A	IDB19EC010			
	BHAVANA	1DB19EC021	Text summarization using	ANA CONTRACTOR OF THE STOCK CO.	1
28	CHINMAYI R	1DB19EC033	Neural networks	Mrs. Roopa B. S.	V
	HIMABINDU B C	1DB19EC052			
	KUSUMA S JAIKANT	1DB19EC069	Ahigh performance CMOS		1
29	NAGADEERAJ PS	IDB19EC081	controlled Oscillator	Mr. Suresha H.S.	8
	SUDEEP R	1DB19EC124	The section of the se		
	SYED IKRAM	1DB19EC130	Performance comprasism		1
30	YASHAS H S	1DB19EC140	& image denoising filters	Dr Sharanabasappa	165
	YASHAS R V	1DB19EC141	8. 1. 3.		1
	ABHEER PATIL	1DB19EC001			
	BG TEJAS	IDB19EC013	Object detection and		
31	BS JAYANTH	1DB19EC014	Accident avoidance in	Mrs. Babitha S.	\sim
	C SHREYAS	1DB19EC025	autonomous cars		0.
	PREKSHA H JAIN	1DB19EC023	Advanced military SPY		
32			ROBOT and BOMB	Dr. A. N. Maheswarappa	156
	PRIYANKA RY	IDB19EC098	disposal		-
	ABHISHEK N	IDB19EC002	wireless power		()
33	BHARATH MK	1DB19EC017	transmission to electric	Mr. YOGESH G	100
	K MANJUNATH	IDB19EC059	vechicle using solar energy		10
	CHANDAN S	1DB19EC028			
	B S RAKSHITHA	1DB19EC015	Implementation of crop		
34	CHAITHRA M H	IDB19EC027	A STATE OF THE PARTY OF THE PAR	Mr. Kishore Kumar	1100
	DEEKSHITH B M	1DB19EC037	wild animal attack		1
	BHARATH P R	1DB19EC018			
	ABHISHEK P D	IDB19EC003			0
35	BHAVANA B	1DB19EC022	OTP based cardless	Mary Davidher II V	X
20	CHIRAG M	IDB19EC034	Transaction using ATM	Mrs. Pavithra H. V.	1
	JAGDISH L	1DB19EC055			

	J TARUN	1DB19EC054			
36	MADHUKUMAR P N	1DB19EC072	smart hand gesture		
	RAHUL CHANDRASHEKAR	1DB19EC101	generator	Mrs. Soujanya A. P.	12
	SHASHIDHARA D	IDB19EC116			8
	DHANUSH M	1DB19EC0039			, 1
37	DIVYASHREE N	1DB19EC043	IOT based smart prepaid	Mrs Mahadevi S Manur	Wat
	HARSHITHA P	1DB19EC048	energy Meter	A THE STREET AND A	12
	RUCHITHA V A	1DB19EC108			-+-
38	SHILPA LAMANI	1DB19EC117	Camouflage ROBOT for		10
30	SHILPA Y	IDB19EC118	military Applications	Mrs. Lakshmidevi T. R.	11.19
1.000	SHASHANK N	1DB20EC402			Hers
39	ISHA SHANKAR G	1DB19EC053			
	KAMASANI UHA	1DB19EC060	Smart security based		0
	RAKSHITH R	1DB19EC103	automated safe deposite locker	Mrs. Shwetha K	14
	S M VAISHNAVI	1DB19EC109	Design and Implementation of Booth Multiplier		A
	OMKARI PADMANABHA	1DB19EC088			
	WILSON N	1DB19EC139		ATTA NERODAY CTUMOS CONTROL AND CORN	1 1/
	PAVITHRA E	1DB20EC401		Mrs. Soujanya A. P.	Linds
	VISHNU VIJAY A N	1DB20EC403			
	ABHISHEK GOWDA V	1DB18EC002			
41	KRUTHIK M V	1DB18EC061			
4.1	NANDEESH A R	1DB18EC080	Aurdino	Mrs. Shwetha M.	w
	PRANAV G	1DB18EC096			1
42	YASHU PRAJWAL NAG D	1DB17TE030	Forest fire alerting system		0
44	RUTWIK R HEGDE	IDB18TE011	with GPS Co-ordinates using IOT	Shashiranjan	175

Project Coordinators:

Mr. Suresha H. S.

San Lind Mrs.Lakshmidevi TR |

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Professor & H.O.D

dest, of Electronics & Cemmunication

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File No: COURSE/ 2022-23

Total

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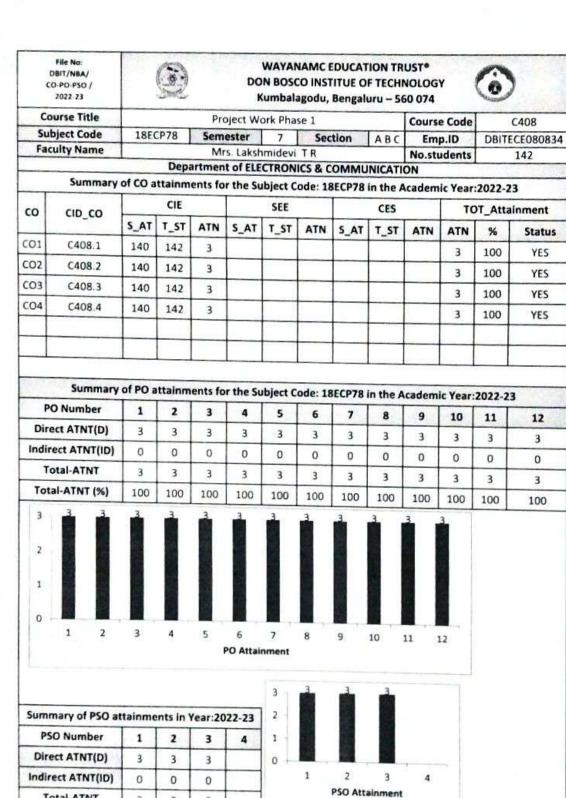
Total

4





WAYANAMC EDUCATION TRUST® DBIT/NBA/ DON BOSCO INSTITUE OF TECHNOLOGY Kumbalagodu, Bengaluru - 560 074 Department of ELECTRONICS & COMMUNICATION **Course Information** Programme Name: **ELECTRONICS & COMMUNICATION Academic Year:** 2022-23 Semester: 7 Section: ABC Subject Type: Practical Course Title: Project Work Phase 1 Course Instructor Name: Mrs. Lakshmidevi TR Class Strength: Subject Code: 18ECP78 Course No: Course ID: C408 142 Scheme of Teaching & Marks Contact Hr/Week: 4 Lecture Hours (Hr.): Tutorials (Hr.): Max.CIE Marks: 100 Total Max.Marks: Max. SEE Marks: 100 Min.CIE Marks: 40 Min.SEE Marks: **Total Min.Marks:** 40 Final CIE (IA) Marks: 100 **Assignment Marks:** Test Marks: 100 **Threshold Values for Attainment Calculation Final CO Attainment** Attainment level % (Percentage Contribution, %) 3 2 % Internal Assessment >= 70 CIE >= 60 >= 50 100 SEE SE Examination >= 0 >= 0 >= 0 CES 0 Statements of Course Outcomes No.of CO's 4 Target(%) BL dentity the Problem to provide solution through C408.1 80 12 C408.2 Analyze Literature about emerging trending technology and research concept. 80 12 Illustrate different solutions for the new concepts on innovation going on C408.3 80 13 related to societal, environmental and technology. C408.4 Ability to articulate and present project synopsis 80 12 Semester End Exam. (SEE) Target(%) Course End Survey(CES) Target (%): CO-PO Mapping Table (In the scale of 3) **CO-PSO Mapping Table** CO/PO 4 6 9 10 11 12 CO/PSO 1 2 C408.1 3 3 2 1 1 2 2 1 1 1 C408.1 2 2 C408.2 3 3 2 2 1 1 2 2 1 1 C408.2 2 C408.3 2 2 3 3 3 3 2 2 2 1 1 C408.3 3 2 C408.4 1 3 2 1 C408.4



Total-ATNT

Total-ATNT (%)

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Don Bosco Institute of Technology, Bangalore

(NAAC Accredited Institution)

Department of Electronics and CommunicationEngineering

(Accredited by NBA & Permanently affiliated to VTU)



Date: 01-09-2022

Circular

All the Students of upcoming academic Final Year are informed to create the Project groups for the Final Year Project. Minimum of 2 and Maximum of 4 can be there in a group. There may be or may not be any no correlation between your 6th Sem Project Group and your Final Year Project Group. Once group details are submitted, any requests for the modification of groups will not be entertained. *Submit the Details by 9AM tomorrow (02/09/22)*

Only one entry per group

Link to submit the details: https://forms.office.com/r/65HJuh9n6j

Project Coordinators

Mr. Suresha H.S. Shorton 2012

Mrs. Lakshmi Devi T R Journ 19/2011

tsh 01/09/22 HOD-ECE



Don Bosco Institute of Technology, Bangalore

(NAAC Accredited Institution)

Department of Electronics and CommunicationEngineering

(Accredited by NBA & Permanently affiliated to VTU)



Date: 22-10-2022

Circular

All the project guides are hereby informed to conduct project phase 1 (synopsis internal review 1) of their project group students along with the panel members on 03/11/2022 for the academic year 2022-23. The Panel list, Rubrics and Marks filling sheet is attached herewith.

Project coordinators

Mr. Suresha H S. Slope 22/10/22
Mrs. Lakshmi Devi T R and root 21/10

22/10/22

Professor & H.O.D dest. of Electronics & Communication

BOSCO INSTITUTE OF TECHNOLOGY

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Don Bosco Institute of Technology, Bangalore

(NAAC Accredited Institution)

Department of Electronics and CommunicationEngineering

(Accredited by NBA & Permanently affiliated to VTU)



Date: 22-10-2022

Circular

All 7thsem students are hereby informed to Prepare Proper format ppt, get the approval from your guide to present in project phase 1 (synopsis internal review 1) of their project group is scheduled on 03/11/2022 for the academic year 2022-23.

Project coordinators

Mr. Suresha H S.

Mrs. Lakshmi Devi T R and pol

22/10

tsb, 22/10/22

HOD-ECE

Professor & H.O.D.

100 BOSCO INSTITUTE OF TECHNOLOSY



DON BOSCO INSTITUTE OF TECHNOLOGY, BANGALORE Department of Electronics and Communications



PROJECT PHASE 1 REVIEW-1

AY 2022-23 Final Year Project Group Details

Date, Room No.							Room No-A-317	03-11-2022							
Scheduled time	2:00PM to 2:25PM			2:25PM to 2:50PM				2:50PM to 3:15PM				3:15PM to 3:40PM		3:40PM to 4:05PM	
Panel Members						2	Dr. A. N. MaheswarappaDr.	Chandrashekar N. S.	Mr. Suresna n.5.						
Guide	De A N Mobaemaranna	Di. A. IV. Maileswarappa		Dr. Chandrashekar N. S.				Dr. Chandrashekar N. S.				Mr. Suresha H.S.		Mr Suresha H.S.	
NSN	1DB19EC094	1DB19EC098	1DB19EC105	1DB19EC111	1DB19EC119	1DB19EC128	1DB19EC073	1DB19EC091	1DB19EC113	1DB19EC135	1DB19EC026	1DB19EC029	1DB19EC042	1DB19EC069	1DB19EC081
Project Associates	PREKSHA H JAIN	PRIYANKA RY	RASHMI S	SAKSHI DAMODAR UMARJI	SHRUSTI SHETTY .S	SURAJ S	MANOJ S R	PRADYUMNYA K G	SANJITH KUMAR	VIJETHA U M	CHAITANYA S	CHANDANA D	DIVYASHREE B	KUSUMA S JAIKANT	NAGADEERAJ PS
Project Group No.		37		2					56			25		Т	53

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	W. O. V. Conjunt	Mr. C. T. Copinau		December 1 December 1	Df. Jal Flakasii Flasau		Dr. Jai Prakash Prasad			Mrs. Nandini A.S.			Mr. Vocash G		
1DB19EC076	1DB19EC104	1DB19EC114	1DB19EC142	1DB19ET001	1DB19ET003	1DB19EC096	1DB19EC100	1DB19EC137	1DB19ET002	1DB19ET004	1DB19ET005	1DB19EC002	1DB19EC017	1DB19EC059	1DB19EC028
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										Room No-A-319	03-11-2022										
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										Dr. Bhagya P. Mrs. Shwetha B. V.	Mrs. Pavithra H. V.										
	Dr Dhama D	Ol. Bilagya r.			Dr. Bhagya P.			Mee Chungha B V	Wils. Silweilla D. V.			Mrs. Shwetha B. V.			Mrs Pavithra H V.				Mrs Pavithra H. V.		
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AMRUTH S	HEBBARE SUMEET SHREE	JAYANTH SHUKLA	VIKAS M A	ANANYA V	CHANDANA N	SOUNDARYA A M	REETHA N M	SAHANA S	SNEHA M	SHRUTHIS	MONISHA.R	PREETHI .N	PRIYA.V	DHARSHANIKA A N	DIVYA R VAIDYA	HARINI S M	HEERA N	ABHISHEK P D	BHAVANA B	CHIRAG M	JAGDISH L
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											Dr. Akashath M. J	Mrs. Shwetha M.											
	Dr. Abachath M. I	DI. Akasilani M. J			Dr. Alzahath M. I	Dr. Akasnath M. J			Mee Comonna A D	Mis. Soujatiya A. F.			Mrs Comismus A P	Mis. Soujanya A. i .			Mre Shwatha M	MIS. OHWOME			Mrs Shwetha M	MIS. OHWOUND IN.	
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1DB19EC010	1DB19EC021	1DB19EC033	1DB19EC052	1DB19EC035	1DB19EC056	1DB19EC045	1DB19EC047	1DB19EC012	1DB19EC031	1DB19EC032	1DB19EC102	1DB19EC070	1DB19EC099	1DB19EC126	1DB19EC127	1DB19EC064	1DB19EC078	1DB19EC084	1DB19EC085
ANUJNA A	BHAVANA	CHINMAYI R	HIMABINDU B C	CHIRANJEEVI C M	JAYANTH C	GAANA S KUMAR	HARSHITA B	ARUN SUBAN M	CHETHAN M	CHETHAN M R	RAJESH KUMAR J	LAVANYA GM	RADHIKA S	SUMATI MS	SUPRIYA M	KIRAN G M	MOHAN M	NAMRATHA S	NANDITHA H
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								Mrs. Babitha S.	Mrs. Mahadevi S Manur							
	Mrs. Babitha S.			N. P. Cat.	MIS. Babitha S.			M. Chandi	Mrs. Shrutini G.			Mrs.Mahadevi S Manur			Mrs.Mahadevi S Manur	
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BHOOMIKA S	BRUNDA R	KAVYAR	ABHEER PATIL	BG TEJAS	BS JAYANTH	C SHREYAS	KISHORE V	KUMUDHA L	PREMA B G	SRIHARI R	KUSHAL GOWDA G	VENKATACHALANAIDU F	SAKSHI SURESH JADHAV	DHANUSH M	DIVYASHREE N	HARSHITHA P
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	2-00PM to 2:25PM				2:25PM to 2:50PM				2:50PM to 3:15PM				3:15PM to 3:40PM				3:40PM to 4:05PM		
									Mrs. Lakshmidevi T. R. Mrs. Tejaswini M. L.	Mrs. Rashmi K. T.									
	Mac Darbari V. T	Mrs. Kasnini K. L.			Mes Bachmilk T	MIS. NASHIII N. L.			Mre Taineanini M	Mis. 1 cjaswill et. L.			Mrs. Labehmidevi T. R.	Miles Constitution of the			Mrs Lakshmidevi T R	Allo, Labourna	
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AISHWARYA K M	AMRITHA PRIYA A	ARPITHA P	HEMASHREE R	KEERTHAN R MATHAD	NAMITHA S R	NAYANA M	P P HAEMNATH	LAVANYAN	N M NAYANA	NAMRATE M	POORNIMA S	KISHAN P S	MOHAMMED ATIQUE	NUTHAN Y J	PRAMODH H R	RUCHITHA V A	SHILPA LAMANI	SHILPA Y	SHASHANK N
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DON BOSCO INSTITUTE OF TECHNOLOGY, BANGALORE Department of Electronics and Communication Engineering AN 2022-23 Final Year Project Group Details PROJECT PHASE 1 REVIEW-2



Project Group No.	Project Associates	\$1	Guide	Panel Members	Scheduled time	Date, Room No.
13	PREKSHA H JAIN	1DB19EC094				
*	PRIYANKA RY	1DB19EC098	Dr A N Maheswarappa		2:00PM to 2:25PM	
	RASHMI S	1DB19EC105				
<u>×</u>	SAKSHI DAMODAR UMARJI	1DB19EC111				
	SHRUSTI SHETTY S	1DB19EC119	Dr. Chandrashekar N. S.		2.25PM to 2.50PM	
	SURAJ S	1DB19EC128	=			
	MANOJ S R	1DB19EC073				
70	PRADYUMNYA K.G.	1DB19EC091		Dr. A. N. MaheswarappaDr. Chandrashekar N. S.		Room No-A-317
9	SANJITH KUMAR	1DB19EC113	Dr. Chandrashekar N. S.	Mr. Suresha H.S.	2:50PM to 3:15PM	7707-71-90
	VIJETHA U M	1DB19EC135				
	CHAITANYAS	1DB19EC026				
25	CHANDANA D	1DB19EC029	IDB19EC029 Mr Suresha H S.		3:15PM to 3:40PM	
	DIVYASHREE B	IDB19EC042				
	KUSUMA S JAIKANT	1DB19EC069	0.00	!	1	
	NAGADEERAJ PS	1DB19EC081	Mr. Suresha H.S.		3:40PM to 4:05PM	

	MOHAMMED ANIS	1DB19EC076				
	RANJAN R	1DB19EC104	Mr C V Coronath		2.00PM to 2.25PM	
61	SANNIDHI H B	1DB19EC114				
	YASHAS S	1DB19EC142				
	MALLANGOUDA S PATIL	1DB19ET001	De lei Berkert Bereit		2.25PM to 2.50PM	
-	PAVANJ	1DB19ET003	Dr. Jas Francis Francis			
1	PRERANA JAIN	1DB19EC096				
20	RAHIL AHMED	1DB19EC100	1DB19EC100 Dr. Jai Prakash Prasad	Mr. C. Y. Copinath Dr. Jai Prakash Prasad	2:50PM to 3:15PM	Room No.A-318 08-12-2022
	VINAY C	1DB19EC137		Mrs. Nandmi A.S. Mr. Yogesh G		
	MAMATHA BM	1DB19ET002				
27	SHОВІТНА Р	1DB19ET004	Mrs. Nandini A.S.		3:15PM to 3:40PM	
	TEJASHWINI PATIL	1DB19ET005				
	ABHISHEK N	1DB19EC002				
	BHARATH MK	1DB19EC017	Mr Yogesh G		3:40PM to 4:05PM	
33	K MANJUNATH	1DB19EC059				
	CHANDAN S	1DB19EC028				

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2	JAYANTH SHUKLA	IDB19EC057	er Bragga P		2.00PM to 2.25PM	
	VIKAS M A	1DB19EC136				
	ANANYA V	1DB19EC009				
=	CHANDANA N	1DB19EC030	IDB19EC030 Dr. Bhagya P.		2.25PM to 2.50PM	
	SOUNDARYA A M	IDB19EC122				
	REETHA N M	1DB19EC106				
33	SAHANAS	1DB19EC110	:			1
4	SNEHA M	1DB19EC121	Mrs. Shwetha B. V.		2.50PM to 3.15PM	
	SHRUTHIS	IDB19EC120		Dr. Bhagya P		Room No.A. 319
	MONISHA.R	1DB19EC079		Mrs. Pavithra H. V		08-12-2022
24	PREETHI .N	1DB19EC093	Mrs. Shwetha B. V.		3:15PM to 3:40PM	
	PRIYA.V	1DB19EC097	-22			
	DHARSHANIKA A N	1DB19EC040				
×	DIVYA R VAIDYA	1DB19EC041	V II - Designation II V		2-AODAA A-OCDAA	
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	HEERA N	1DB19EC050				
	ABHISHEK P D	1DB19EC003				
4	BHAVANA B	1DB19EC022	Mrs Pavithra H V		4.05PM to 4.30PM	
i i	CHIRAG M	1DB19EC034	13. 1 de 11111 de 15. 1			
	JAGDISH L	1DB19EC055				

	AFREEN TAJ	1DB19EC004				
23	BHARGAVI AGNIHOTRI	1DB19EC019	Dr Abschort M. 1		2:00PM to 2:25PM	
-	KAVYA K	1DB19EC058	C William W 2			
	KAVYA S HALLUR	1DB19EC062				
	ISHA SHANKAR G	1DB19EC053				
	KAMASANI UHA	1DB19EC060	De Alexabant M. 1		2:25PM to 2:50PM	
30	S M VAISHNAVI	1DB19EC109	Ut. Akasilalii M. J			
	RAKSHITH R	1DB19EC103				
	OMKARI PADMANABHA	1DB19EC088				
	WILSON N	1DB19EC139	O V Comments		2:50PM to 3:15PM	
40	PAVITHRA E	1DB20EC401	MIS Soujanya A L			
	VISHNU VIJAY A N	1DB20EC403		Dr. Akashath M. J. Mrs. Souianva A. P.		Room No-A-214
	JTARUN	1DB19EC054		Mrs. Shwetha M.		7707-71-00
	MADHUKUMAR P N	1DB19EC072	Mrs Conjanca A P		3:15PM to 3:40PM	
36	RAHUL CHANDRASHEKAR	1DB19EC101	a fundamental survival			
	SHASHIDHARA D	1DB19EC116				
	SUSHMITHA R	1DB19EC129				
- 0	VAIBHAV R	1DB19EC132	Mrs Shwetha M		3:40PM to 4:05PM	
9	VAISHNAVI H N	1DB19EC133				
	YASHWANTH M P	1DB19EC143				
	ABHISHEK GOWDA V	1DB18EC002				
	KRUTHIK M V	1DB18EC061	Mrs Shwetha M.		4:05PM to 4:30PM	
7	NANDEESH A R	1DB18EC080				
	PRANAV G	1DB18EC096	Jr - 2			

									Room No-A-215	08-12-2022									
		2:00PM to 2:25PM				2:25PM to 2:50PM			MOSES AND SO	MACTEC OF MACCES			3:15PM to 3:40PM				3:40PM to 4:05PM		
									Mrs. Roopa B. S. Mrs. Shubha G. N.	Mrs. Bhavya A. B. Mrs. Shwetha K									
		Mrs Roopa B S				Mrs Shubha G N			Dheered A D	MIS Briavya A B			Mrs. Bhaves A. B.				Mrs. Shwetha K		
1DB19EC010	1DB19EC021	1DB19EC033	1DB19EC052	1DB19EC035	1DB19EC056	1DB19EC045	1DB19EC047	1DB19EC012	1DB19EC031	1DB19EC032	1DB19EC102	1DB19EC070	1DB19EC099	1DB19EC126	1DB19EC127	1DB19EC064	1DB19EC078	1DB19EC084	1DB19EC085
ANUNAA	BHAVANA	CHINMAYIR	HIMABINDU B C	CHIRANJEEVI C M	JAYANTH C	GAANA S KUMAR	HARSHITA B	ARUN SUBAN M	CHETHAN M	CHETHAN M R	RAJESH KUMAR J	LAVANYA GM	RADHIKA S	SUMATI MS	SUPRIYAM	KIRAN G M	MOHAN M	NAMRATHA S	NANDITHA H
1	36				2	7				<u>.</u>			Ş	7				×	

								Room No-A-216 08-12-2022								
	2:00PM to 2:25PM				2:25PM to 2:50PM				2:50PM to 3:15PM			3:15PM to 3:40PM			3:40PM to 4:05PM	
				9				Mrs. Shruthi G.	Mrs.Mahadevi S Manur							
	Mrs Babitha S	1			Mrs. Babitha S			3	Mrs. Shruthi G			Mrs Mahadevi S Manur			Mrs Mahadevi S Manur	
1DB19EC023	1DB19EC024	1DB19EC061	1DB19EC001	1DB19EC013	1DB19EC014	1DB19EC025	1DB19EC066	1DB19EC067	1DB19EC095	1DB19EC123	1DB19EC068	1DB19EC134	1DB20EC400	1DB19EC0039	1DB19EC043	1DB19EC048
BHOOMIKA S	BRUNDA R	KAVYAR	ABHEER PATIL	BG TEJAS	BSJAYANTH	C SHREY AS	KISHORE V	KUMUDHAT	PREMA B G	SRIHARI R	KUSHAL GOWDA G	VENKATACHALANAIDU R	SAKSHI SURESH JADHAV	DHANUSHM	DIVYASHREEN	HARSHITHA P
	7.			7	5			2				81			37	

									Room No-A-216	7707-70									
	2-00PM to 2-25PM				2-25PM to 2:50PM				2:50PM to 3:15PM				3:15PM to 3:40PM				3:40PM to 4:05PM		
									Mrs. Lakshmidevi T. R.	Mrs. Rashmi K. T.									
	Mes Danker P. T.	MIS KASIIIII K. I			Mes Dashan V T	WIS RASHIII A I	A		Mee Tatacasan M I	A Milliago Telegraphic Milliago			Mrs. Lakshmidevi T. R.				Mrs. Lakshmidevi T. R.		
1DB19EC005	1DB19EC007	1DB19EC011	1DB19EC051	1DB19EC063	1DB19EC082	1DB19EC086	1DB19EC089	1DB19EC071	1DB19EC080	1DB19EC083	1DB19EC090	1DB19EC065	1DB19EC077	1DB19EC087	1DB19EC092	1DB19EC108	1DB19EC117	1DB19EC118	1DB20EC402
AISHWARYA K M	AMRITHA PRIYA A	ARPITHA P	HEMASHREE R	KEERTHAN R MATHAD	NAMITHA S R	NAYANA M	P P HAEMNATH	LAVANYAN	N M NAYANA	NAMRATHA M	POORNIMA S	KISHAN P S	MOHAMMED ATTQUE	NUTHAN Y J	PRAMODH H R	RUCHITHA V A	SHILPA LAMANI	SHILPAY	SHASHANK N
		4				٠,				0			,	-			9	38	

							A 218	08-12-2022									
	2:00PM to 2:25PM				2:25PM to 2:50PM				2:50PM to 3:15PM			3:15PM to 3:40PM			3:40PM to 4:05PM		
								Dr. Sharanabasappa Mr. Shashiranjan	Mr. Kishore Kumar								
	Dr. Sharanokacanna				Dr Sharanabasanda				Mr. Shashiranjan			Mr Shashiranjan			Mr. Kishore Kumar		
1DB19EC016	1DB19EC112	1DB19EC115	1DB19EC125	1DB19EC124	1DB19EC130	1DB19EC140	1DB19EC141	1DB19EC006	1DB19EC020	1DB19EC036	1DB19EC038	1DB17TE030	1DB18TE011	1DB19EC015	1DB19EC027	1DB19EC037	1DB19EC018
BHARAT V G	SANJAY GOWDA M D	SATHYAR	SUDHANVA N PRASAD	SUDEEP R	SYED IKRAM	YASHAS H S	YASHAS R V	AKASHR	BHASKAR M	DARSHAN P	DEEPAK L	YASHU PRAJWAL NAG D	RUTWIK R HEGDE	B S RAKSHITHA	CHAITHRA M H	DEEKSHITH B M	BHARATH P R
144		>				30				2			42			A	

Project Coordinators:

Mr. Suresha H. S.

Mrs.Lakshandevi T.R. Louce

HOD-ECE Professor & H.O.D Professor & H.O.D Sept. of Electronics & Communication 1988 \$660 INSTITUTE OF TECHNOLS



DON BOSCO INSTITUTE OF TECHNOLOGY, BANGALORE Department of Electronics and Communication Engineering



Date-3-11-2022

Signature		+	1			á	8			No.	3			B		N/	7		(7	
Phase -1 review-1 marks	49	49	49	49	49	49	49	49	49	49	49	48	46	46	90	48	49	49	48	48	48	48
Panel Member-2 marks	49	49	49	49	49	49	49	49	49	49	49	48	46	99	95	48	49	49	43	47	47	47
Panel Member- I marks	49	49	49	49	49	49	49	49	49	49	49	48	47	43	95	48	49	49	47	47	47	47
Guide	49	49	49	49	49	49	49	49	49	49	49	48	45	\$\$	95	48	64	49	87	48	48	48
Guide			Dr. Akashain M. J				Mrs Kauhmi K. I.	HONOR MANAGEMENT OF STREET		Mer Garbon F. T.	MIS MERENIE E. I.			Dr. Jai Prakash Prasad		Mr. Transmitted	the legalwassing in			Mer Bender H V	IN POTICION IL V	
Title of the project		voice controlled automatic		34	Design of wireless	monitoring system for		learning	Test Recognition	non	daap i	Bunning	KUT Based smart packing	-	A second designation of the second	mance Evaluation of	11 11	180mm Technology		intelligence Packing	System	
S	1DB19EC004	1DB19EC019	1DB19EC058	1DB19EC062	1DB19EC005	1DB19EC007	1DB19EC011	1DB19EC051	H3B19EC063	1DB19EC082	10919EC086	1DB19EC089	100T39ER01	10919FT003	1DB19EC071	TOBINECOMO P	1DB19ECOK3 6	100198-0090	11381963340	HAD SWITHING	1OBLOLCO40	123819610850
Project Associates	APREENTAL	BHARGAVI AGNIHOTRI	KAVYA K	KAVYA S HALLUR	AISHWARYA K M	AMERITHA PRIYA A	АКРІТНА Р	HEMANIKEE R	KEERTHAN R MATHAD	NAMITHA S R	NAYANA M	P P HALMMATH	MALLANCHIDA S PATIL	PAVANS	LAVANYAN	N M NAYANA	NAMRATHA M	MINIMA S	CHIARSHANIKA A N	MYYA R VAENA	PEARCHUI S MI	の対象を下
Project Group No.		-				,					4	-	4	*	ni.	LE	,	. E	G.	G.	I.S.	-

	The Part of the Pa								
	KINDAN S	IDB19EC065	Physical design and		40	90	***		
	MOHAMMED ATIQUE	1DB19EC077	9)(6.	49	49	7
	MICHAN Y J	TORIOF CORT	_	Mrs Lakshmidevi T. R.	8	8	S	20	
	PRAMODITIER	1000300000	Technology		05	20	80	20	300
	KIRANGM		1		80	20	05	20	•
	Automotive and	1081915 064			45	44	4	45	
	No. and the same of the same o	1061915.078	cantore GSM alon		45	44	43	44	C
	NAMIRATHA 5	1DR19EC084	weening system	Mr. SWETHA K	1				X
- 1	NANDITHA H	1DB19EC085					5	*	4
	BHARATVG	10010001			3	43	44	4	
	SANJAY GOWDA M D	1DB19EC112	Design and		90	49	48	48	_
	SATHYAR	IDRIOFCTIS	RISC V processor using	Dr Sharanabasappa	46	48	48	48	1
	SCIDIGANVA N PRASAD	190100134	CADENCE		99	49	48	48	6
Г	AMBRITTON	The later and			45	49	49	48	
	March Co.	100191410008	1D Benefits		38	38	3.8	38	
	THE THE PARTY OF T	10B19EC049	ARDUINO and driver	Dy Ilbanius D	38	38	38	38	(
	SAVANIH SHUKLA	1DB19EC057	board		38	3.8	38	38	1
T	VIKAS M.A	1DB19EC136			3.8	38	38	38	7
	ANANYAV	1DB19EC009			49	49	40	40	
-	CHANDANA N	108195030	Smart blind stick	Dr. Bhagya P.	49	49	40	900	4
1	SCRINISARYA A M	1DB19EC122			49	40	40	40	5
-	CMRANIETVICM	IDB19EC035			69	48	97	9 5	1
	GAAMA S KUMAR	1DB19EC045	The state of the s		48	13		6	3
	HARSHITA B	1DR19EC047	Design of 5G Antenna	Mrs Shubba G N	49	69	48	90	2
	JAYANTH C	950,3361BG1			48	48	49	99	
-	AKASHR	108195006			49	49	49	46	
-	BHASKARM	1DB19EC020	Aerial Agri-Cides using		95	05	20	S	,
40.1	BARNIAN P	10051967036	Kinckics	Мг. Мазменицап	69	69	69	49	少
=	DESPAK I	IDB198C038			3	48	48	48	
-	ARUN SUBAN M	1DB190C012	bachasses I beclas		87	47	47	48	I
×	DR THAN M	DR19ECR31	thomstoring using IOT &		49	49	49	49	-
XI.	DIR THAN M.R.	1081960032	оринизатия об	Mrs. Blavya A. B.	48	47	47	488	1
(E	RAJESH KUMAR J	1081960102	neural networks		22	48	49	40	٥

					1				
	KASHMIS	1DB19EC105	Unmanned vechicle speed	-	48	47	47	48	
15	SAKSHI DAMODAR UMARJI	1DB19EC111	detection, alcohol	_	48	47	47	48	
=	SHRUSTI SHETTY S	1DB19EC119	detection and density	Dr Chandrashekar N. S.	9				TAN T
	SURAJS	1DB19EC128	based traffic control		9 9	;	è	9 :	ı
	SUSHMITHAR	1DB19EC129			ç,	14	47	48	
	VAIBHAVR	IDBIOECTE			49	49	49	49	T
9	VAISTINAVITA	1001300130	In pipe Leakage	Mrs. Shwetha M	49	49	49	49	
	VAISHAVIHA	1DB19EC133	Letecetion Kobol		49	49	49	69	\$
	YASHWANTH M P	1DB19EC143			49	49	49	49	
	KISHORE V	1DB19EC066	Design and analysis of last		46	47	46	47	
13	KUMUDHA L	1DB19EC067	power CMOS	_	46	47	46	47	3
	PREMA B G	1DB19EC095	Comparators using 90nm	Mrs. Shruthi G.	46	46	46	46	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
	SRIHARIR	1DB19EC123	Technology		45	45	46	46	,
	KUSHAL GOWDA G	1DB19EC068	K-21		40	40	40	43	
9	VENKATACHALANAIDU R	1DB19EC134	Automated smart robot		30	29	08	2 2	
0	THILAK K	1DB19EC131	library management	Mrs.Mahadevi S Manur	S	79	8 8	8 8	1
	SAKSHI SURESH JADHAV	1DB20EC400	The state of the s		40	9	8 9	8 9	X
	MOHAMMED ANIS	1DB19EC076			45	46	5	46 8	
01	RANJAN R	1DB19EC104	IOT based Vechicle		40	41	45	42	é
-	SANNIDHI H B	1DB19EC114	accident detetion system	Mr. C. Y. Gopinath	40	41	46	43	1
	YASHASS	1DB19EC142			9	41	42	41	
	PRERANA JAIN	1DB19EC096			48	48	47	48	C
20	RAHIL AHMED	1DB19EC100	Smart Glasses for Paralyced Patients	Dr. Jui Prakash Prasad	48	48	46	48	Z Z
	VINAYC	1DB19EC137			84	48	45	47	K
	BHOOMIKA S	1DB19EC023	10T Based smart security		49	49	49	49	
71	BRUNDAR	1DB19EC024	system for building using vechicle number plate	Mrs Babitha S.	20	49	49	8	2
	KAVYAR	1DB19EC061	recognition system		49	49	49	49	3
	LAVANYAGM	1DB19EC070	TOTAL TOTAL CONTRACT		49	49	49	49	4
"	RADHIKA S	1DB19EC099	Muliple disease prediction	0 to 10 to 1	49	49	48	49	75
t	SUMATIMS	1DB19EC126	learning in python	MIS. Bildvyd A. D.	48	848	47	48) }
	SUPRIYAM	1DB19EC127			47	47	48	48	

smart vechile security using biometric and WIF module authentication Design and frust oriented analysis of instruction detection system in MANETS IOT -enabled shipping container with environment monitoring and location tracking and location tracking machine learning machine learning machine learning ext summarization using Neural networks Neural networks sigh performance CMOS controlled Oscillator		46 46 46 46	_	c and Wilti Mrs. Shwetha B V 46 46 46 46 46	46 46 46 46	est oriented 43 44 44 44	Mrs. Shwetha B V 43 44 44 44	TS 43 44 44 44	Shipping 45 42 43 44	with Mr. Suresha H.S. 45 43 43 44	tracking 45 43 44 44	47 45 45 46	scase using particular states at 5 45 46		47 45 45 46	und 42 40 45 43	Mrs. Nandini A.S. 43 42 45 44	tics 44 47 44 000	48 48 48 48	Don using As 25 44 45 45		48 48 48	ce CMOS 44. company 47 46 45		46 49 48 48	42 43	De Character and Control of Contr	Dr. Sharanabasappa 42 42 42	Dr. Sharanabasappa 42 42 42 42 42 42	Dr. Sharanabasappa 42 42 42 42 42 42 42 42 42 49 49 48	Dr. Sharanabasappa 42 42 42 42 42 42 42 49 49 48 47	Dr. Sharanabasappa 42 42 42 42 42 42 42 42 42 49 48 48 Mrs. Babitha S. 50 49 47	Dr. Sharanabasappa 42 42 42 42 42 42 49 49 48 Mrs. Babitha S. 50 49 47 49 49 47 49 48 47	Dr. Sharanabasappa 42 42 42 42 42 42 42 42 42 49 49 48 49 47 49 49 47 49 49 47 49 48 47 48 47 47
			smart vechile security	using biometric and Wil-I		Design and trust oriented	analysis of instruction	MANETS	IOT -enabled shipping	container with	and location tracking		Prediction of disease using	machine learning		Design and	implementation of 16*16 multiplier using Vedic	mathematics		Text summarization using	Neural networks		Ahigh performance CMOS	controlled Oscillator				Automatic Exhaust Fan	HIC EXPANSE F	inc Exhaust F	Automatic Exnausi Fan Deep Learning techniques for Obstacle detection and	Automatic Exhaust Fan Deep Learning techniques for Obstacle detection and avoidance in driverless	uning techniq cle detection : ce in driverles cars	Automatic Exhaust rai Deep Learning techniqu for Obstacle detection ar avoidance in driverless cars Advanced military SPY
	Series de la constante de la c	1DB19EC106	1DB19EC110	1DB19EC121	1DB19EC120	1DB19EC079	1DB19EC093	1DB19EC097	1DB19EC026	1DB19EC029	1DB19EC042	1DB19EC073	1DB19EC091	1DB19EC113	1DB19EC135	1DB19ET002	1DB19ET004	1DB19ET005	1DB19EC010	1DB19EC021	1DB19EC033	1DB19EC052	1DB19EC069	1DB19EC081	1DB19EC124	1DB19EC130	1DB19EC140		1DB19EC141		Street William Control	March Colds Street		STATE OF THE PARTY
IDB19EC110 IDB19EC120 IDB19EC120 IDB19EC079 IDB19EC079 IDB19EC042 IDB19EC042 IDB19EC042 IDB19EC073 IDB19EC113 IDB19EC113 IDB19EC113 IDB19EC010 IDB19EC021 IDB19EC021 IDB19EC021 IDB19EC021 IDB19EC021 IDB19EC033 IDB19EC033 IDB19EC034 IDB19EC124	DECTUS NEWS	REFIRANM	SAHANAS	SNEHA M	SHRUTHIS	MONISHA.R	PREFTHI N	PRIYA.V	CHAITANYAS	CHANDANA D	DIVYASHREE B	MANOJ S R	PRADYUMNYA K G	SANJITH KUMAR	VIJETHA U M	MAMATHA BM	SHOBITHA P	TEJASHWINI PATIL	ANUINAA	BHAVANA	CHINMAYIR	HIMABINDU B.C.	CUSUMA S JAIKANT	VAGADEERAJ PS	UDEEP R	YED IKRAM	YASHAS H S		YASHAS R V	YASHAS R V ABHEER PATIL	YASHAS R V ABHEER PATIL BG TEJAS	YASHAS R V ABHEER PATIL BG TEJAS BS JAYANTH	YASHAS R V ABHER PATIL BG TEJAS BS JAYANTH C SHREYAS	YASHAS R V ABHEER PATIL BG TEJAS BS JAYANTH C SHREYAS PREKSHA H JAIN
NYAKG			23	1		10	24			23		-	3%	3			22			3.6	ì		90			90	2			T	Office of	F.		

	ABHISHER N	1DB19EC002			44	47	W	AS	
:	BHARATH MK	1DB19EC017	wireless power						C
33	K MANJUNATH	1DB19EC059	transmission to electric	Mr. YOGESH G	4	46	47	46	}
	CHANDANS	1DB19EC028	vechicle		45	45	46	46	~
	O C D a C C LITTLE A	070701001			45	46	46	46)
	B S KAKSHI HA	IDB19EC015			47	47	45	47	
¥	CHAITHRAMH	1DB19EC027	Implementation of crop	Mr Vickins Vickins	47	47	45	47	
	DEEKSHITH B M	1DB19EC037	wild animal attack		47	47	45	47	~
	BHARATHPR	1DB19EC018			47	47	45	47	1
	ABHISHEK P D	1DB19EC003			45	44	44	45	
35	BHAVANA B	1DB19EC022	OTP based cardless		45	44	44	45 (
	CHIRAG M	1DB19EC034	Transaction using ATM	Mrs. Pavithra H. V.	45	44	44	45	7
1	JAGDISH L	1DB19EC055			45	44	44	45	1
	J TARUN	1DB19EC054			49	49	49	49	
×	MADHUKUMAR P N	1DB19EC072	smart hand gesture		49	49	49	49	9
,	RAHUL CHANDRASHEKAR	1DB19EC101	generator	Mrs. Soujanya A. P	30	29	30	30	2
	SHASHIDHARA D	1DB19EC116			49	49	49	49	١
	DHANUSH M	1DB19EC0039			46	46	46	46	-
37	DIVYASHREE N	1DB19EC043	IOI based smart prepaid	Mrs.Mahadevi S Manur	47	46	47	47	2
	HARSHITHA P	1DB19EC048	, e		49	49	20	20	A
	RUCHITHA V A	1DB19EC108			49	49	49	49	
318	SHILPA LAMANI	1DB19EC117	Camouflage ROBOT for	Mee I alcebraidani T D	49	49	49	49	4
	SHILPA Y	1DB19EC118	military Applications	WILS LARSHITHOGNEE R.	49	49	49	49	32
	SHASHANK N	1DB20EC402			49	49	49	49	
	ISHA SHANKAR G	1DB19EC053			47	47	47	47	-
2	KAMASANI UHA	1DB19EC060	Smart security based	D. Aberbah M.	46	46	46	46	+
	RAKSHITH R	1DB19EC103	automated safe deposite locker	Of AMESICAL M. 3	42	42	42	42	100
	S M VAISHNAVI	1DB19EC109			49	49	49	49	
	OMKARI PADMANABHA	1DB19EC088			46	46	45	46	
9	WILSON N	1DB19EC139	Design and	Mrs. Continued A. D.	48	48	47	48	OK JU
	PAVITHRA E	1DB20EC401	Multiplier	Mis. Sougarya A. F.	49	49	48	49	
	VISHMI VIIAV A N	IDR20EC403	E.		48	48	47	940	

			6.	3	A	F	A	*	3	A
	49	40	6.5	40		40	•	40	2	
	49	40	43	40		40		40	2	
	49	40	43	40		40	-	40	2	
	49	40	6	49		40		An	2	
		taht legged Spider using	Aurding Mrs. Shwetha M.	CHINING				Forest fire alerting system	with CDC Canadana	The state of the s
1DB18EC002	1DB10COot	LUST SECUPI Eight leg	IDBIRECORD	OSCI OCCO	1DR1867006	COST SEC. UNO	т	1DB17TE030 F		
ABHISHEK GOWDA V	KRUTHIK M V		NANDEESH A R	4.00	PRANAVG		YASHI DRAIWAI MAC IN	O DAN JAMES AND THE STREET	DITTUTE DITTER	
		7						42	0.00	

Project Coordinators:

Mr. Suresha H. S.

Mrs. Lakshmidevi TR LOUNS AD al

434 500-ECE

GON BOSCO INSTITUTE OF TECHNOLOGY Combaiserdu. BANGALORE-BOO 074 Bopt. of Electronics & Communication Professor & H.O.D.

DON BOSCONSTITUTE OF TECHNOLOGY, BANALORE Department of Electronics and Communication Engineering

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Date-08-12-2022

Project Group No.	Project Associates	NSI	Title of the project	Guide	Guide	Panel Member-1 marks	Panel Member-2 marks	Phase -1 review-2 marks	Signature
	AEBEEN TA!	IDR19FC004			48	48	48	48	-
	BHARGAVI AGNIHOTRI	1DB19EC019	voice controlled automatic		49	49	49	49	+
	KAVYAK	1DB19EC058	vacuum cleaner	Dr. Akashath M. J	49	49	49	49	3
	KAVYASHALLUR	1DB19EC062			49	49	49	49	
	AISHWARYA K M	1DB19EC005	Design of wireless		49	49	49	49	
	AMRITHA PRIYA A	1DB19EC007	monitoring system for	1 Parker: 17	49	49	49	49	
2	ARPITHA P	1DB19EC011	disease using machine	Mrs. Kasnmi N. 1.	49	49	49	49	
	HEMASHREE R	1DB19EC051	learning.		49	49	49	49	
	KEERTHAN R MATHAD	1DB19EC063	Tare Decomption		49	49	49	49	
	NAMITHA S R	1DB19EC082	extraction and conversion	Mac Dashmi V T	49	49	49	49	
6	NAYANA M	1DB19EC086	to speech using deep	MIS. Nashini N. 1.	49	49	49	49	
	P P HAEMNATH	1DB19EC089	learning		48	48	48	48	
	MALLANGOUDA S PATIL	1DB19ET001	IOT Based smart parking		47	45	46	46	0
4	PAVAN J	1DB19ET003	using RFID, Barcode system and pre slot Booking	Dr. Jai Prakash Prasad	47	45	46	46	B
	N 4 MANAGE	1DB19EC071			20	20	20	20	
	LAVANIAN	1DB19EC080	A comparative and Performance Evaluation of		48	48	48	48	3
\$	N M IN THAN W	1DB19EC083	6T and &T SRAM Cells in	Mrs. 1ejaswini M. L.	49	49	49	49	-
	POORNIMA S	1DB19EC090	180nm Technology		49	49	49	49	

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		7	7)	3			2	X	3		,	2	2		4	全	7		to	7		,	8	+
47	42 (47	47	49	8	95	8	47	45	47	45	48	48	48	48	38	38	38	38	49	49	49	49	47	48	9
47	47	47	47	64	95	95	95	47	45	47	45	48	48	48	48	38	38	38	38	49	49	49	49	47	48	49
47	47	47	47	64	95	8	8	47	45	47	45	48	48	48	48	38	38	38	38	49	49	49	49	47	48	49
47	47	47	47	49	95	20	8	47	45	47	45	48	48	48	48	38	38	38	38	49	49	49	49	47	48	49
		Mrs. Favilnra H. V.				Mrs. Lakshmidevi I. K.			a constant	MIS.SWEIHA K				Dr. Sharanabasappa			ā	Dr. Bhagya P.			Dr. Bhagya P.				Mrs. Shubha G. N.	× 1
	Intelligence Packing	System		Physical design and	comprative analysis of	CADENCE 90nm	CADENCE 90nm Technology Intruder alert and photo capture, GSM alert security system system of 32-bit RISC V processor using CADENCE string CADENCE board board Smart blind stick						Design of 5G Amenna													
1DB19EC040	B19EC041	1DB19EC046	1DB19EC050	1DB19EC065	1DB19EC077	1DB19EC087	1DB19EC092	1DB19EC064	1DB19EC078	1DB19EC084	1DB19EC085	1DB19EC016	1DB19EC112	1DB19EC115	1DB19EC125	1DB19EC008	1DB19EC049	1DB19EC057	1DB19EC136	1DB19EC009	1DB19EC030	1DB19EC122	1DB19EC035	IDB19EC045	1DB19EC047	1DB19EC056
DHARSHANIKA A N	DIVYA R VAIDYA	HARINI S M	HEERA N	KISHAN P.S	МОНАММЕД АТІФИЕ	NUTHAN Y J	PRAMODH H R	KIRAN G M	MOHAN M	NAMRATHA S	NANDITHA H	BHARAT V G	SANJAY GOWDA M D	SATHYAR	SUDHANVA N PRASAD	AMRUTH S	HEBBARE SUMEET SHREEDHAR	JAYANTH SHUKLA	VIKAS M A	ANANYA V	CHANDANA N	SOUNDARYA A M	CHIRANJEEVI C M	GAANA S KUMAR	HARSHITA B	JAYANTH C
	4	,			,				×	•			0	`			01			-11	=	V 1	-Σ1	2		7.

	AKASH R	1DB19EC006			47	47	48	48	
10	BHASKAR M	B19EC020	Aerial Agri-Cides using		48	48	48	48	0
	DARSHAN P	1DB19EC036	kinesics	Mr. Shashiranjan	48	48	48	48	X
	DEEPAK L	1DB19EC038			48	48	48	48	
	ARUN SUBAN M	1DB19EC012	Industrial boiler		49	49	48	49	C
3	CHETHAN M	1DB19EC031	monitoring using IOT &		49	49	49	49	>
:	CHETHAN M.R.	1DB19EC032	optimization of combustion Mrs. Bhavya A. B.	Mrs. Bnavya A. B.	48	47	47	48	×
	RAJESH KUMAR J	IDB19EC102	networks		48	48	49	49	4
	RASHMIS	1DB19EC105	francount of the first		47	47	47	47	-
*	SAKSHI DAMODAR UMARJI	1DB19EC111	detection, alcohol		47	47	47	47	•
	SHRUSTI SHETTY S	1DB19EC119	detection and density based Ur. Chandrashekar N. S.	Lr. Chandrashekar N. S.	47	47	47	47	Z
	SIRALS	1DB19EC128	traffic control		47	47	47	47	
	SUSHMITHA R	1DB19EC129			49	49	49	49	•
4	VAIBHAVR	1DB19EC132	In pipe Leakage		49	49	49	49	1
9	VAISHNAVIHN	1DB19EC133	Detection Robot	MIS SIWETIA M.	49	49	49	49	4
- Contractor	YASHWANTH M.P.	1DB19EC143			49	49	49	49	
	KISHORE V	1DB19EC066			47	47	46	47	0000
5	KUMUDHA L	1DB19EC067	Design and analysis of low	Mar Shander	46	46	45	46	1
	PREMABG	1DB19EC095	using 90nm Technology	Mrs. Sarum C.	46	46	45	46	3
	SKRIAKIR	1DB19EC123			46	46	45	46	
	KUSHAL GOWDA G	1DB19EC068			30	29	62	30	
	VENKATACHALANAIDU R	IDB196C134	Automated sesart robot		30	53	52	30	7
	THEAKK	1DB19EC131	library management system	_	30	62	53	30	X
	SAKSHI SURESH JADHAV	1DB20EC400			35	35	37	36	N. S.
	MCHAMMED ANS	1DB19EC076			45	46	45	46	
9	KANIAN K	1DB19EC104	IOT based Vechicle	Mr C V Constructs	45	46	46	46	5
the state of	SANNENE H B	1DB19EC114	accident detetion system	annual contraction	45	45	45	45	
***	YASHAS S	IDB19EC142			45	46	46	46	
	PRERANA LAIN	1DB19EC096	1		47	45	46	46	U
R	RAHR AHMED	1DB19EC100	Smalt Glasses for Paralysed Patients	Dr. Jai Prakash Prasad	45	46	46	46	8
-	VINAY	1DB19EC137			46	45	46	46	A

			•	48	48	48	48	
BRUNDA R	DB19EC024	system for building using	Mrs. Babitha S.	20	S	49	20	7
KAVYAR	1DB19EC061			48	48	49	49	1
LAVANYA GM	1DB19EC070			48	47	48	48	
RADHIKA S	1DB19EC099	Σ		47	48	48	48	800
SUMATI MS	1DB19EC126	System using machine	Mrs. Ishavya A. IS.	47	47	47	47	3
SUPRIYAM	1DB19EC127			47	47	48	48	
REETHA N M	1DB19EC106			45	45	45	45	1
SAHANAS	1DB19EC110		100	45	45	45	45	当
SNEHA M	1DB19EC121	using biometric and Wiri module authentication	Mrs. Snweuna D. V.	45	45	45	45	
SHRUTHIS	1DB19EC120			45	45	45	45	,
MONISHA.R	1DB19EC079	Design and trust oriented		45	45	44	45	V
PREETHI .N	1DB19EC093	analysis of instruction	Mrs. Shwetha B. V.	45	45	44	45	AN AN
PRIYA.V	1DB19EC097			45	45	44	45	1
CHAITANYAS	1DB19EC026	IOT -enabled shipping		47	47	46	47	
CHANDANA D	1DB19EC029	3	Mr. Suresha H.S.	46	46	46	46	S. S
DIVYASHREE B	1DB19EC042	tracking		46	46	46	46	
MANOLSR	1DB19EC073			46	46	46	46	
PRADYLIMNYA K G		Prediction of disease using		47	48	48	48	3
SANJITH KUMAR		machine learning	Dr. Chandrashekar N. 5.	47	47	47	47	R
VIJETHA U M	1DB19EC135			46	46	46	46	
MAMATHA BM	1DB19ET002	Design and implementation		38	40	93	39	8
SHOBITHA P	1DB19ET004		Mrs. Nandini A.S.	41	40	42	41	秦
TEJASHWINI PATIL	TIL 1DB19ET005	Vedic mathematics		38	40	39	39	
ANUMAA	1DB19EC010			48	47	48	48	_
DUAVANA	1DB19EC021	Text summarization using	of the passed of the	47	46	47	47	1
CHIMAAVID	1DB19EC033	Neural networks	Mrs. Roopa D. 3.	48	47	48	48	B
CHIMMAITA	1DB19EC052			49	48	49	49	
HIMABINDO B C		A bioh performance CMOS		48	48	48	48	MO
WING S WINDSON			Mr. Suresha H.S.	48	48	48	48	5

	SUDIEEP R	1DB19EC124		•	45	45	45	45	
30	SYED IKRAM	J BB19EC130)	45	45	45	45	5
	YASHASHS	1DB19EC140	Automatic Exhaust Fan	Dr. Sharanabasappa	45	45	45	45	B
	YASHAS R V	1DB19EC141		8/	45	45	45	45	
	ABHEER PATIL	1DB19EC001			48	48	49	49	
-	BG TEJAS	1DB19EC013	Deep Learning techniques		48	48	49	49	
	BS JAYANTH	1DB19EC014	Ior Obstacle detection and Mrs. Babitha S. avoidance in driverless cars	Mrs. Babitha S.	20	49	90	20	Q
2	C SHREYAS	1DB19EC025			48	48	49	49	
	PREKSHA H JAIN	1DB19EC094	Advanced military SPY		48	48	48	48	ין י
75	PRIYANKA RY	1DB19EC098	KOBOT and BOMB	Dr. A. N. Maheswarappa	48	48	48	48	4
	ABHISHEK N	1DB19EC002			42	43	42	43	
,	BHARATH MK	1DB19EC017	wireless power		43	42	44	43	3
33	K MANJUNATH	1DB19EC059	transmission to electric	Mr. YOGESH U	44	43	41	43	K
	CHANDANS	1DB19EC028			43	42	41	42	
	B S RAKSHITHA	1DB19EC015			48	48	48	48	
	CHAITHRA M H	1DB19EC027	Implementation of crop		48	48	48	48	1
34	DEEKSHITH B M	1DB19EC037	protection system against wild animal attack	Mr. Alshore Aumar	48	48	48	48	7
	BHARATHPR	1DB19EC018		0/	48	48	48	48	5
	ABHISHEK P D	1DB19EC003			45	45	45	45	
	BHAVANAB	1DB19EC022	OTP based cardless	V II while II V	45	45	45	45	7
35	CHIRAGM	1DB19EC034	Transaction using ATM	MIS. Faviuna H. V.	45	45	45	45	3
	JAGDISH L	1DB19EC055			45	45	45	45	
	J TARUN	1DB19EC054			49	49	49	49	
	MADHUKUMAR P N	1DB19EC072	smart hand gesture	Mer Continue A D	49	49	49	49	2
36	RAHUL CHANDRASHEKAR	1DB19EC101	generator	MIS. Soujanya A. F.	30	29	30	30	K
	SHASHIDHARA D	1DB19EC116			49	49	49	49	
1	DHANUSH M	1DB19EC0039	_		49	47	47	48	
37	DIVYASHREEN	1DB19EC043	10T based smart prepaid	Mrs.Mahadevi S Manur	49	48	48	49	7
	HARSHITHA P	1DB19EC048			49	20	49	20	K
	RUCHITHA V A	1DB19EC108			49	49	49	49	
	SHILPA LAMANI	1DB19EC117	Camouflage ROBOT for	Mrs Lakshmidevi T. R.	49	49	49	49	3/2
38	SHILPA Y	1DB19EC118	military Applications	200	49	49	49	49	2
		1DR20FC402			49	49	49	49	

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48	47	44	49	46	48	49	48	49	49	49	49	40	38
48	47	44	49	45	48	48	48	49	49	49	49	40	38
48	47	44	49	46	48	49	48	49	49	49	49	40	38
48	47	44	49	46	48	49	48	49	49	49	49	40	38
•	•	Dr. Akeshath M. J				Mrs. Soujanya A. P.				Mrs. Shwetha M.		THE STATE OF THE S	Mr. Shashiranjan
	Smart security based	automated safe deposite focker			Design and Implementation	of Booth Multiplier			Eight legged Spider using	Aurdino		Forest fire alerting system	with GPS Co-ordinates using IOT
1DB19EC053	B19EC060	1DB19EC103	1DB19EC109	1DB19EC088	1DB19EC139	1DB20EC401	1DB20EC403	1DB18EC002	1DB18EC061	1DB18EC080	1DB18EC096	1DB17TE030	1DB18TE011
ISHA SHANKAR G	KAMASANI UHA	RAKSHITH R	S M VAISHNAVI	OMKARI PADMANABHA	WILSON N	PAVITHRA E	VISHNU VIJAY A N	ABHISHEK GOWDA V	KRUTHIK M V	NANDEESH A R	PRANAV G	YASHU PRAJWAL NAG D	RUTWIK R HEGDE
	90	3			40	2				7			42

Project Coordinators:

Mr. Suresha H. S.

Mrs. Lakshmidevi TR LOUAL SPAR

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AV 2022-23 Final Year Project Group Details Phase - I Final Marks for Academic Year

Project Associates	NSO	Title of the project	Guide	Phase -1 review-1	Phase -1 review-2 marks	FINAL	Signature
- 1	1DB19EC004			ST ST		1	1
	1DB19EC019			6	89 9	16	+
- 1	1DB19EC058	voice controlled automatic vacuum cleaner	Dr. Akashath M. J.	40	40	8 8	A STATE
	1DB19EC062			9	9	90	
	1DB19EC005					8 5	
	1DB19EC007	Design of Wireless monitoring system for description		43	49	86	
	IDB19EC011	_	Mrs. Rashmi K. T.	49	49	86	
	1DB19EC051			46	49	86	
	1DB19EC063			49	43	86	
	1DB19EC082			46	64	88	
	1DB19EC086	Text Recognotion extraction and conversion to speech using deep learning Mrs. Rashmi K.	Mrs Rashmi K T	49	49	88	
	1DB19EC089			49	49	88	
1 10	1DB19ET001			,	,	R	6
-	1DB19ET003	IO1 Based smart parking using RFID, Barcode system and pre slot Booking	Dr. Jai Prakash Prasad	P	ş	76	7
1		note a construction of the		46	46	92	-
	1DB19EC071 ~			20	95	100	
	1DB19EC080 /	6T and &T SRAM Cells in		48	48	96	(
	1DB19EC083		Mrs. Lejaswini M. L.	49	49	86	3/
1	1DB19EC090		A STATE OF THE PARTY OF THE PAR	49	49	86	
	1DB19EC040 -			48	47	95	(
	1DB19EC041			84	47	S.	
	1DB19EC046	memgence racking system	Mrs, Pavithra H. V	48	47	56	7
	IDB19EC050 /			48	47	8	4
	1DB19EC065			49	49	86	
	1DB19EC077	Iltiplexers using CADENCE	Mre I atehmidani T D	20	25	100	la
×	1DB19EC087 /	90nm Technology	THE PARSIBILITIES I. R.	82	S	100	May
	1DB19EC092~			05	20	100	

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		11,781,915,1104			45	47	92	C
	MCREAN M	1DB19EC078			;	,		
	MAMERATHIA S	- TDB19EC684 -	Intruder alert and photo capture, GSM alert security system	Mrs SWETHA K	44	45	660	A
	NAMOTTRA H	1DB19EC085			3 :	47	91	,
eri i	BHARATVG	1DB19EC016			4 6	45	68	
	SANJAY GOWDA M.D.	1DB19EC112			48	88	8 3	1
	SKIMYAR	IDBINECTIS :	-Design and implementation of 32-bit RISC V processor using CADENCE	Dr Sharanabasappa	88 04	48	R	3
-	SEEDSLAND N PRASAD	IDB19EC125 /			48	48	8 8	5
	AMMETHS	1DB19EC008			38	38	76	c
	HEBBARE SUMEET SHREEDHAR	1DB19EC049			38	38	76	\$
	BAYANTH SHEKLA	1DB19EC057	3.0 Printer using ARDUINO and driver board	Dr. Bhagya P	38	88	76	7
	VBAS MA	1DB19EC136 *			38	38	76	
	AMMEN V	1DB19EC009			49	49	86	4
	KUKANDANA N	1DB19EC030.	Smart blind stick	Dr. Bhagya P	49	49	86	5
	SOUNDARYA A M	1DB19BC122 ~			49	49	98	7
	CHRANIETVICM	IDB1962035 P		200	49	49	88	,
-	GRAMASKIMAR	IDB19EC045	December 6 67) Learners	N C coldinate	48	47	35	2
	HARSHETA B	1DB19EC047~	Lengh of M. Attention	Alle Streets C 14	49	48	97	1
and resident to the	SAYANDHE	1DB19EC056			49	49	86	
	AKASH E	1DB19EC006			49	48	26	,
and the latest terminal termin	BHASAAR M	11281915020	Americal Americal Colone acciditate formaticates	Mr. Shasheaman	25	48	86	7
State Street	BARBBAN P	1001980036	ACTUR ARTHURS USING ARROAD		49	48	26	+
A. III.	INTPAK L	1DB19EC038			48	48	8	-
	ARLIN SZIBAN M.	LDB19EC012			48	49	97	_
A 100	CVB TRANS M	(DB196Cult	Industrial boter monitoring using EOT & optimization of combustion in	Mrs. Bhavva A. B.	49	46	86	7
- M	CNR SSAW M.R.	LDB19EC032	furnace by neural networks		48	48	*	
A 100	RASESH KUMAR 1	1DB190C102			49	49	86	
E 185	最大な時代 S	1DB19EC105			48	47	8	
20.00	A A STAN CANDOLL WAS BEEN	COMPAGE 131	Learnannest venthactic sarrord detactions: alcohol detections and density based	Pr. Chandenshahas N. C.	48	47	8	_
S. E. S.	Market and the same of the same	- F381 GEST 119	traffic control	LA CHARMING SCHOOL S	48	47	8:	t
- E P	MANAGED SOLD IN D	17.001.001.15			48	47	95	

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t	ICM PROPERTY.	•		4	69	8	
- 12	IDB19ECUT		-	40	68	p	*
108	DBIRECTE	III pipe Loskage Letterstram Robes	Mrs. Strateble M.	9	107	35	3
IDB	DRIPECIA)			2	2	张	1
1DB	DB19EC186			45	13	346	
1801	1DB19EC067 -	Design and analysis of low power CMOS Comparation using Winn		47	2	33	7
110819	1DB19EC095	Technology	Mers Shryddis G	*	8	35	7
IDBI	1DB19EC123			48	Z	9	
(DB19EC068	EC068			69	90	7.9	
(DB19EC1)4	ECIM -			R	SK.	99	7
IDB19EC(3)	CIN	Authoritated smart robot lifetary management system	Mrs. Manadevi 9. Manur	8	2	9	1
1DB20EC400	C400 -			40)	98	E	
1DB19EC076	9200			456	665	9.5	
IDB19EC104	CION	WITH A STATE OF THE STATE OF TH		42	466	300	
IDB19EC114	C114 J	NOT PRINCE V PER HERE ARE HEREIT DESERTION 39 STEPH	Mr C. Y Corporato	48	455	10	
DB19EC142	142			41	46	68	
1DB19EC096	960			89	46	x	0
IDB19EC100	C100 7	Smart Glasses for Paralysed Patients	Or Jas Prakash Prasad	458	46	Z	2
IDB19EC137	137	AND DESCRIPTION OF THE PERSON		47	979	93	4
IDB19EC023	1			49	48	2.5	0
1DB19EC024	1	(A) Based smart security system for building using vechicle number plate recognition system	Mrs Babitha S	05	9,	100	1
IDB19EC061	1903			49	69	80	
1DB19EC070	0000			49	63	26	4
IDB19EC099	6600		Mes Blanca A D	49	48	33	1
IDB19EC126	C126	margine wascase production system taking machine rearming in pythem	MIS BORNJA A B.	48	47	80	3
1DB19EC127	C127			48	48	88	
1DB19EC106	¥ 9013			46	45	16	1
DB19E	IDB19EC110	ement unchild committee section harmonice and WIEI modula authorities	Mer Shared D V	46	45	16	3
IDB19EC121	C121 >		MIN SUMETRIA B V	46	45	91	1
1DB19EC120	2120			79	46	91	2 -

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89	88	88		16	8	8	43	3	67	32	82	58	83	96	92	36	26	56	96	93	87	87	87	86	46	100	86	96	8
45	45	45	1		46	46	46	48	47	46	39	41	39	48	47	48	49	48	48	45	45	45	45	49	49	50	49	48	48
44	44	44		4	44	44	46	46	466	46	43	44	44	48	45	48	48	47	48	48	42	42	42	49	48	20	49	48	47
	Mrs Shwetha B V			200	Mr Suresha H.S.				Dr Chandrashekar N S			Mrs Nandini A.S				Mrs Roopa B S			Mr Suresha H.S.			Or Sharanabasappa			Mrc Bahitha C	Alls Daning 3.			Dr. A. N. Maneswarappa
Design and frust oriented analysis of metricition defoction season	MANETS	S. Carolina		IOT -enabled shipping container with environment mointoring and	focation tracking				Prediction of disease using machine learning			Design and implementation of 16*16 multiplier using Vedic mathematics				l ext summarization using Neural networks		1 0 File 2000	Anigh performance CMOS controlled Oscillator		A selection of the second Com-	Automatic Exhaust ran	The second secon		Deep Learning techniques for Obstacle detection and avoidance in	driverless cars	The second secon		Advanced military SPY KOBO Land BOMB disposal
10Bi9EC078	1DB19EC09	1DB19EC097	1DB19EC026	1DB19EC029	The state of the	(DB19EC042 ,	1DB19EC073	1DB19EC091 ~	1DB19EC113	1DB19EC135	1DB19ET002	1DB19ET004	1DB19ET005	1DB19EC010	1DB19EC021	1DB19EC033	1DB19EC052	1DB19EC069	1DB19EC081	1DB19EC124	1DB19EC130	1DB19EC140	1DB19EC141	1DB19EC001	1DB19EC013	1DB19EC014 ~	1DB19EC025 -	1DB19EC094	1DB19EC098
PREFILEN	WEELTH W	PRIYA V	CHAITANYA S	CHANDANA D	DIVVASHREEB	DIVIASHREE B	MANOJ S R	PRADYUMNYA K G	SANJITH KUMAR	VUETHA U M	MAMATHA BM	SHOBITHA Р	TEJASHWINI PATIL	ANUJNA A	BHAVANA	CHINMAYIR	HIMABINDU B C	KUSUMA S JAIKANT	NAGADEERAJ PS	SUDEEP R	SYED IKRAM	YASHAS H S	YASHAS R V	ABHEER PATIL	BG TEJAS	BS JAYANTH	C SHREYAS	PREKSHA H JAIN	PRIYANKA RY
25				25				3,6			((27))		×			90			S.	-		7	 E		9		32 P

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	ABHISHEK N	1DB19EC002			45	43	88	(
33	BHAKATH MK	1DB19EC01			46	43	00	1
	K MANJUNATH	1DB19EC059-	wireless power fransmission to electric vechicle	Mr YOGESH G	98	57.	6	X
	CHANDANS	1DB19EC028			40	43	2	2
	BSRAKSHITHA	1DB19EC013			40	7.0	200	1
;	CHAITHRA M H	1DB19FC027			47	48	88	_
Į,	DEEKSHITH B M	1DB19EC037	Implementation of crop protection system against wild animal attack	Mr. Kishore Kumar	47	48	8	-
	BHARATHPR	1DB19EC018 /			47	48	8 8	1
	ABHISHEK P D	1DB19EC003			45	45	8	
35	BHAVANAB	IDB19EC022 >			46	46	8	-
1	CHIRAG M	1DB19EC034	OTP based cardiess Transaction using ATM	Mrs Pavithra H V	45	45	96	73
	JAGDISH L	1DB19EC055			45	45	96	•
	J TARUN	1DB19EC054			49	49	86	
32	MADHUKUMAR P N	1DB19EC072		3	49	49	86	\$
R	RAHUL CHANDRASHEKAR	1DB19EC101	smart hand gesture generator	Mrs Soujanya A P	30	30	09	K
	SHASHIDHARA D	1DB19EC116			49	49	86	
	DHANUSH M	IDB19EC0039			46	48	96	11
37	DIVYASHREEN	1DB19EC043	IOT based smart prepaid energy Meter	Mrs Mahadevi S Manur	47	49	98	7/
	HARSHITHA P	1DB19EC048			95	90	100	t
	RUCHITHA V A	1DB19EC108			49	49	86	
35	SHILPALAMANI	1DB19EC117	Committee DONOT for military Analysis and	Mrs Labehmident T. D.	49	49	86	⊃,
2	SHILPA Y	IDB19EC118	Campunage record to minary approarations	S I I I I I I I I I I I I I I I I I I I	49	49	86	3
	SHASHANK N	1DB20EC402	The state of the s		49	49	86	
	ISHA SHANKAR G	IDB19EC053			47	48	96	1
30	KAMASANI UHA	1DB19EC060	Smart construction automated cafe denocte locker	Dr Akeshath M 1	46	47	93	1
23	RAKSHITH R	1DB19EC103	Siliar security based attentiated safe deposite referen	THE PROPERTY OF THE PARTY OF TH	42	44	98	Thou
	S M VAISHNAVI	1DB19EC109			49	49	98	
	OMKARI PADMANABHA	1DB19EC088			46	46	92	
W	WILSON N	IDB19EC139 /	Decian and Implementation of Booth Multiplier	Mrs Souranva A P	48	48	96	2
2	PAVITHRA E	1DB20EC401			49	49	86	E Company
	VISHNU VIJAY A N	1DB20EC403			48	48	96	

	ARHISHEK GOWDA V	A secondarion						
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Kumbalagodu, Mysore Road, Bengaluru – 560074

Department of Electronics & Communication Engineering

Date: 03/11/2022

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> Course Name: PROJECT WORK PHASE 1 Title of the Project:

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Department of Electronics and Communication Engineering Project Presentation Evaluation Sheet

Academic Lear: 2021-22-0000 st M

Date: 14/24/29

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Department of Electronics and Communication Engineering Project Presentation Evaluation Sheet Academic Year: 2021-22 ODD SEM

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C3 Understanding Latest Technologies / Novelity / Applications to Society C6 Questions and Answer C5 Attitude & Behaviour C2 Literature Survey

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Department of Electronics and Communication Engineering Project Presentation Evaluation Sheet

Academic Year, 2021-22 ODD SEAI

Date 3-11-2822 Reviewl

> Title of the Project: SMART Hand Gestuse Conceptor Course Name: PROJECT WORK PHASE I

Course Code: 18ECP77

Project Batch No. : 36

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C5 Attitude & Behaviour C2 Literature Survey Motivation & Relevance Presentation 3

C3 Understanding Latest Technologies / Novelity Applications to Society
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Department of Electronics and Communication Engineering

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Department of Electronics and Communication Engineering

Project Presentation Evaluation Sheet Academic Year: 2021-22 ODD SEM

Date:3-11-2022 Review1

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Motivation & Relevance Presentation

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Department of Electronics and Communication Engineering Project Presentation Evaluation Sheet veadenic Year: 2021-22 ODD SFM

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Department of Electronics and Communication Engineering Project Presentation Evaluation Sheet Academic Year: 2021-22 ODD SEM

Date, 3-11-2022 Review1

Course Name: PROJECT WORK PHASE I

Project Batch No.: 16

Title of the Project: Robot Baned Pipe Leakage detection Course Code: 18ECP77

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the Faculty		Name of The Guide	Shwedra M
Signature of the Faculty			

Signature Name of the Project Coordinator Jakshmi devi. T. R. пор

BON BOSCO INSTITUTE OF TECHNOLOGY Bembalagned BANGALORE-580 076 Best. of Electronics & Communication Professor & H.O.D

Motivation & Relevance Presentation Ü 3

C3 Understanding Latest Technologies / Novelity Applications to Society C2 Literature Survey

C5 Attitude & Behaviour C6 Questions and Answer

Department of Electronics and Communication Engineering Project Presentation Evaluation Sheet Academic Year: 2021-22 ODB SEM

Course Name: PROJECT WORK PHASE I

Course Code: 185.CPT7

Project Batch Vo.: 16

Review? Date:

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C1 Motivation & Relevance C2 Literature Survey C4 Presentation C5 Attitude & Behavio

C5 Attitude & Behaviour C6 Questions and Answer

C3 Understanding Latest Technologies 'Novelity 'Applications to Society

HOD S. O. TECHNOLOR BENGALORE-660 074

File No DBIT/NBA/ COURSE/



WAYANAMC EDUCATION TRUST® DON BOSCO INSTITUE OF TECHNOLOGY Kumbalagodu, Bengaluru – 560 074



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18ECP783

WAYANAMC EDUCATION TRUST® DON BOSCO INSTITUE OF TECHNOLOGY Kumbalagodu, Bengaluru - 560 074

A, B, C



142

Course Title Subject Code Faculty Name

Project Work Phase2 Semester 8 Section

Mrs. Lakshmidevi T R

Course Code C413 Emp.ID DBITEC080834

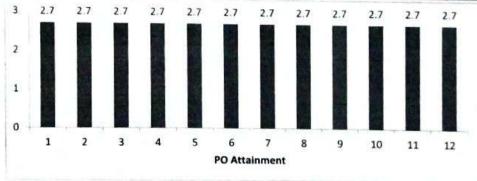
No.students **Department of Electronics and Communication Engineering**

Summary of CO attainments for the Subject Code: 18ECP78 in the Academic Year:2022-23

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		S_AT	T_ST	ATN	S_AT	T_ST	ATN	S_AT	T_ST	ATN	ATN	%	Status
CO1	C413 1	139	142	2.9	141	142	3				2.7	90	YES
CO2	C413 2	139	142	2.9	141	142	3				2.7	90	YES
CO3	C413.3	139	142	2.9	141	142	3				2.7	90	YES
CO4	C413.4	142	142	3	141	142	3				2.7	90	YES
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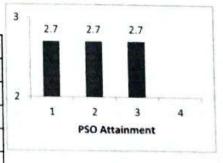
Summary of PO attainments for the Subject Code: 18ECP78 in the Academic Year:2022-23

PO Number	1	2	3	4	5	6	7	8	9	10	11	12
Direct ATNT(D)	2.95	2.95	2.95	2.95	2.95	2.95	2.95	2.96	2.96	2.96	2.96	2.96
Indirect ATNT(ID)	0	0	0	0	0	0	0	0	0	0	0	0
Total-ATNT	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
Total-ATNT (%)	90	90	90	90	90	90	90	90	90	90	90	90



Summary of	PSO attainments	in Year:2022-23
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PSO Number	1	2	3	4
Direct ATNT(D)	2.95	2.97	3	
Indirect ATNT(ID)	0	0	0	
Total-ATNT	2.7	2.7	2.7	
Total-ATNT (%)	90	90	90	



/NBA/ CO-REPORT/ 2022-23



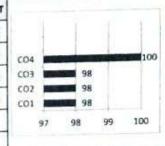
WAYANAMC EDUCATION TRUST* DON BOSCO INSTITUE OF TECHNOLOGY Kumbalagodu, Bengaluru - 560 074



	D	epartment of	Electro	nics and Com	municat	ion Engineerin	8
Course Title		Project W	ork Pha	se2		Course Code	C413
Subject Code	18ECP#83	Semester	8	Section	A, B, C	Emp.ID	DBITEC080834
Faculty Name		Mrs Laksh	midevi	TR		No.students	142

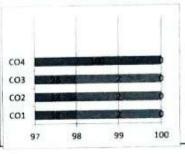
CO Attainment from -SUB, in the Subject: 18ECP78-Based on: TYPE-2, Academic Year 2022-23

Si.	CO Number	Sum	T_Std	Av-AT	TS(=3)	AT,%	Ac_AT	ATNT
CO1	C413.1	423	142	3	139	98	2.9	YES
CO2	C413.2	423	142	3	139	98	2.9	YES
CO3	C413.3	423	142	3	139	98	2.9	YE5
CO4	C413.4	426	142	3	142	100	3	YES



Distribution of CO Attainment from -SUB, in Subj: 18ECP78-Based on: TYPE-2, ACDY:2022-23

Si.	CO Number	3	%	2	%	1	%
coı	C413 1	139	98	3	2		0
CO2	C413 2	139	98	3	2		0
CO3	C413 3	139	98	3	2		0
CO4	C413.4	142	100		0		0



Remarks of Course Intructor

Signature of HOD/DAC

Signature of Course Instructor

		CO Analysis from -SUB, in the Subject: 18ECP78-Base Course Outcome Number		CO2	CO3	CO4	
SI.	USN	Total Maximum Marks	20	20	20	10	
1	1DB19EC001	ABHEER PATIL	Y	Y	Y	Y	
2	1DB19EC002	ABHISHEK N	Υ	Y	Y	Y	
3	1DB19EC003	ABHISHEK P D	Y	Y	Y	Y	
4		AFREEN TAJ	Υ	Y	Y	Y	
5	1DB19EC005	AISHWARYA K M	Y	Y	Y	Y	
6	1DB19EC006	AKASH R	Y	Y	Y	Y	
7	1DB19EC007	AMRITHA PRIYA	Y	Y	Y	Y	
8	1DB19EC008	AMRUTH S	Y	Y	Y	Y	
9	1DB19EC009	ANANYA V	Y	Y	Y	Y	
10	1D819EC010	ANUINA A	Y	Y	Y	Y	
11	1DB19EC011	ARPITHA P	Y	Y	Y	Y	
12	1DB19EC012	ARUNSUBAN M	Y	Y	Y	Y	
13	1DB19EC013	B G TEJAS	Y	Y	Y	Y	
14	1D819EC014	B S JAYANTH	Y	Y	Y	Y	
15	1DB19EC015	B S RAKSHITHA	Y	Y	Y	Y	

File No: /NBA/ RESULTS/ 2022-23

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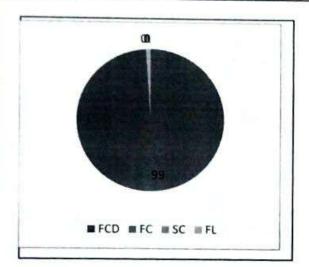
Kumbalagodu, Bengaluru – 560 074

	Department of Electronics and Com	munication Engineering	
Course Title	Project Work Phase2	Course Code	C413

Subject Code 18ECP783 Semester 8 Section A, B, C Emp.ID DBITEC080834

Faculty Name Mrs. Lakshmidevi T R No.students 142

Result Analysis of Subject Code -18ECP78 - for the Academic year 2022-23



Result Analys	is of Sec	tion: 8	- A, B, C	
No. Students	Pass	%	Fail	%
142	141	99	1	1

Class Analysi	s of Sect	ion: 8	- A, B, C
No. Students	142	%	Grade Point
FCD	141	99	10,9,8
FC		0	7
sc		0	6,4
FL	1	1	0

	Max. ar	nd Avg	. Marks	A 40-	
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40	38			100	93

CO Attainmen	t in SEE
Sum_AT	423
T_students	142
Avg.ATNT	3
Sum_AT(=3)	141
AT(=3)%	99
Attainment	YES

ANALYSIS	OF GRA	DE PO	NT AN	D GRAI	DE LETT	ER	D.M.
Grade Letter	S	Α	В	С	D	E	F
Grade Point	10	9	8	7	6	4	0
No.of Students	118	21	2				1
% of Students	83	15	1				1

Course Coordinator Remarks on Semester End Results for the Academic Year2022-23

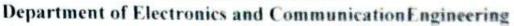
Signature of Course Coordinator

Signature HOD/DAC



Don Bosco Institute of Technology, Bangalore

(NAAC Accredited Institution)



(Accredited by NBA & Permanently affiliated to VTU)



Date: 24-02-2023

Circular

Final Year Project Phase-2 (8th Sem) Review-1 will be scheduled on 7th and 8th of March 2023. All the Guides are request to verify the logbook. You are request to conduct the review along with your co-panel members as per the Schedule enclosed.

Project Coordinators

Mr. Suresha H.S.

Mrs. Lakshmidevi T. R. Lou

+5b

Professor & H.O.D.

Sept. of Electronics & Communication 468 80900 INSTITUTE OF TECHNOLOGS Tembelogade, BANGALOGS-866 874



Don Bosco Institute of Technology, Bangalore

(NAAC Accredited Institution)



Date: 25-03-2023

Circular

The Second Review of Project is scheduled from 11th to 13th April 23. The 100% of the implementation of project should be completed. Draft copy of the report approved by the Guide should be presented before the panel members for further improvement during the Presentation. Also the Research Paper based on the project should be submitted to the Guide before the presentation.

Project Coordinators

Mr. Suresha H.S.

Mrs. Lakshmidevi T. R. Jaux 1000

+sb 25/3/23

HOD-ECE

Professor & H.O f)

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Department of Electronics and Communication Engineering

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	SANITH KUMAR	(DB19EC113	Dr. Chandrashdar N. S.	Mr. Sarvella H.S.	2.50PM to 3.53PM	***************************************
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										Dr. Bhagya P.	Mrs. Pavithra H. V.										
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										Dr. Shashiranjan	Mrs. Soujanya A. P. Mrs. Shwetha M.										
		Dr Shashranjan			Dr Shashiranjan		222 et a	Mrs Soujanya A P				Mrs Soujanya A P			, c	MIS, Shweina M			No.	MIS. SIIWEINA IM	
1DB19EC()06	1DB19EC020	1DB19EC036	1DB19EC038	1DB17TE030	1DB18TE011	1DB19EC088	1DB19EC139	1DB20EC401	1DB20EC403	1DB19EC054	1DB19EC072	1DB19EC101	1DB19EC116	1DB19EC129	1DB19EC132	1DB19EC133	1DB19EC143	1DB18EC002	1DB18EC061	1DB18EC080	1DB18EC096
AKASH R	BHASKAR M	DARSHAN P	DEEPAK L	YASHU PRAJWAL NAG D	RUTWIK R HEGDE	OMKARI PADMANABHA	WILSON N	PAVITHRA E	VISHNU VIJAY A N	JTARUN	MADHUKUMAR P N	RAHUL CHANDRASHEKAR	SHASHIDHARA D	SUSHMITHA R	VAIBHAV R	VAISHNAVI H N	YASHWANTH M P	ABHISHEK GOWDA V	KRUTHIK M V	NANDEESH A R	PRANAV G
	~			42		<u> </u>	04				ž					9				7	

	ANUJNA A	IDB19EC010				
28	BHAVANA	IDB19EC021				
	CHRIMAYIR	1DB19EC033	Mrs Roopa B S		2:00PM to 2:25PM	
	HIMABINDU B.C.	1DB19EC052				
	CHRANEEVICM	1DB19EC035				
13	JAYANTH C	1DB19EC056				
	GAANA S KUMAR	1DB19EC045	Mrs. Shubha G. N.		2-25PM to 2-50PM	07-03-2023
	HARSHITAB	1DB19EC047				
	ARUN SUBAN M	1DB19EC012				
2	CHETHAN M	1DB19EC031	9	Mrs. Rospa B. S.		
	CHITHAN M R	1DB19EC032	Min Kakipa B. S.	Mrs. Shwetha K. N.	2-50PM to 3:15PM	
	RAIESH KUMAR 1	IDB19EC102				
	BSHA SHANKAR G	1DB19EC053				
	RAMASANI UHA	1DB19EC060	Men Sharedha K		2-00PM to 2:25PM	
R	S M VAISHNAVI	1DB19EC109				
	RAKSHITH R	10819EC103				Rosm No-A-214
	KJIRAN G M	108198084				577 50-80
	MEDICAN M	(DB19EC078	Mrs. Shaepha K.		2.25PM to 2.50PM	
	KAMRATKA S	108198084				
Mary Mary	KANINTHAH	(DB18EC082)				

	BHOOMEAS					
ř		(DB19EC023				
7	BRUNDAR	1DB19EC024	Mrs. Bahitha S.		2 COUNTY OF STREET	
	KAVYAR	1DB19EC061			PLACET OF WARRY	
	ABHEER PATIL	1DB19EC001				
31	BG TEJAS	1DB19EC013	_			
	BS JAYANTH	1DB19EC014	Mrs Babuha S		2.25PM to 2.50PM	Room No. A. 714
	C SHREYAS	1DB19EC025				07-03-2623
	KISHORE V	1DB19EC066				
17	KUMUDHA L	1DB19EC067		Mrs. Babitha S.		
	PREMA B G	1DB19EC095	Mrs. Shruihi G	Mrs. Shruthi G. Mrs.Mahadevi S Manur	2:50PM to 3:15PM	
	SRIHARI R	IDB19EC123				
	KUSHAL GOWDA G	1DB19EC068				
2	THILAK K	1DB19EC131	Mahadan S		A CANADA CO. C.	
9	VENKATACHALANAIDU R	1DB19EC134	MIS. Mahaucvi S. Mahuli		M462.501M10.2	
	SAKSHI SURESH JADHAV	1DB20EC400				Room No-A-214 08-03-2023
	DHANUSH M	1DB19EC0039				
37	DIVYASHREEN	1DB19EC043	Mrs. Mahadevi S. Manur		2:25PM to 2:50PM	
	HARSHITHA P	1DB19EC048				
1						

Section in concession.						Moom No. A. (126 02-03-3023									Room No-A-216	08-03-3023			
And the Control of th		\$ OCEM 10 7 259%				2.25PM to 2.50PM				2.50PM to 3.15PM				2:00PM to 2:25PM			M903-504 M925-5		
								-	Mrs. Lakshmidevi T. R.	Mrs. Tejaswini M. L. Mrs. Rashmi K. T.									
		Mrs Raehmi K. T				Mrs Rashmi K. T				Mrs. rejaswini M. L.			of the state of th	MIS LANSHINGEVI I K			Mre Labehmidavi T R	The state of the s	
1DB19ECNS	1DB19EC007	IDB19EC011	1DB19EC851	1DB19EC063	(DB19EC082	1DB19EC086	1DB19EC089	1DB19EC071	1DB19EC080	1DB19EC083	1DB19EC090	1DB19EC065	1DB19EC077	1DB19EC087	1DB19EC092	1DB19EC108	1DB19EC117	1DB19EC118	1DB20EC402
AISHWARYA K M	AMRITHA PRIYA A	ARPITHA P	HEMASHREE R	KEFRTHAN R MATHAD	NAMITHA S R	NAYANA M	P P HAEMNATH	LAVANYAN	N M NAYANA	NAMRATHA M	POORNIMA S	KISHAN P.S	MOHAMMED ATIQUE	NUTHAN Y J	PRAMODH H R	RUCHITHA V A	SHILPA LAMANI	SHILPA Y	SHASHANK N
	2				m				′′						alle		000		S

	BHARATVG	1DB19EC016				
0	SANJAY GOWDA M D.	1DB19EC112				
	SATHYAR	1DB19EC115	Dr Sharanabasappa		2:00PM to 2:25PM	·
	SUDHANVA N PRASAD	1DB19EC125				
	SUDEEP R	1DB19EC124				
30	SYED IKRAM	1DB19EC130	10 10			Room No. A 217
3	YASHAS H.S	1DB19EC140	Di Sharanarasappa		MARCZ DI MACZ Z	07-03-2023
	YASHAS R V	1DB19EC141				
	LAVANYAGM	1DB19EC070				
:	RADHIKA S	1DB19EC099	Mrs Chaitra S	Dr. Sharanabasappa Mrs.Chaitra S	2.50PM to 3.15PM	
77	SUMATI MS	1DB19EC126		Mr. Kishore Kumar		
	SUPRIYA M	1DB19EC127				
	AFREEN TAJ	1DB19EC004				
	BHARGAVI AGNIHOTRI	1DB19EC019	Mrs Chaitra S		2:00PM to 2:25PM	
_	KAVYAK	1DB19EC058				
	KAVYA S HALLUR	1DB19EC062				Room No-A-216 08-03-2023
	B S RAKSHITHA	1DB19EC015				
	CHAITHRA M H	1DB19EC027	Mr Kıshore Kumar		2:25PM to 2:50PM	
34	DEEKSHITH B M	1DB19EC037				
	BHARATH P R	1DB19EC018				

Professor & M.O.D.
Professor & M.O.D.
Professor & F.O.D.

Bopt. of Electronics & Communication

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TOP-ECE

Project Coordinators:
Mr. Suresha H. S.
Mrs.Lakshmidevi TR LOU Long Poor M.



DON BESCO INSTITUTE OF TECHNOLOGY, SANGALORE Department of Electronics and Communication Engineering AY 2022-23 Final Year Project Group Details PROJECT PHASE 2 REVIEW-2 SCHEDULE



DATE:11-04-2023 to 13-04-2023

10 10 10 10 10 10 10 10	HONE THERE IS NOT HOLD THE PARK THE			
PREKSHA H JAIN 1DB19EC094 PRIYANKA RY 1DB19EC098 RASHMI S 1DB19EC105 SAKSHI DAMODAR UMARJI 1DB19EC111 SHRUSTI SHETTY S 1DB19EC119 SURAJ S 1DB19EC128 MANOJ S R 1DB19EC073	100 100 100 100 100 100 100 100 100 100			
RASHMI S SAKSHI DAMODAR UMARJI 1DB19EC105 SHRUSTI SHETTY S SURAJ S MANOJ S R 1DB19EC105 1DB19EC119 1DB19EC119 1DB19EC128			2-00PM to 2:25PM	
SAKSHI DAMODAR UMARJI 1DB19EC111 SHRUSTI SHETTY .S 1DB19EC119 SURAJ S 1DB19EC128 MANOJ S R 1DB19EC073		2		
SAKSHI DAMODAR UMARJI 1DB19EC111 SHRUSTI SHETTY .S 1DB19EC119 SURAJ S 1DB19EC128 MANOJ S R 1DB19EC073				
SURAJ S SURAJ S MANOJ S R IDBI9EC119 IDBI9EC128			2:25PM to 2:50PM	
OA A M.	C128	į		Room No-A-317
O A PAGE				11-04-2023
	C073	Dr. A. N. Mahamaranna		
PKADTUMNIAKG		Dr. Chandrashekar N. S. Mr. Suresha H.S.	2:50PM to 3:15PM	
SANITH KUMAR IDB19EC113				
VUETHA U M IDB19EC135	C135			
CHAITANYA S IDB19EC026	C026			
25 CHANDANA D IDB19EC029 Mr. Suresha H.S.			2:00PM to 2:25PM	
DIVYASHREE B IDB19EC042	2042			12-04-2023
KUSUMA S JAIKANT IDB19EC069	Mr Sursehi		2:25PM to 2:50PM	
NAGADEERAJ PS IDB19EC081				

	AMRUTH S	1DB19EC008				
91	HEBBARE SUMEET SHREEDHAR	1DB19EC049	D. Diego		Mages of Magons	
2	JAYANTH SHUKLA	1DB19EC057	U. Dilagya F.			
	VIKAS M A	1DB19EC136				
	ANANYA V	1DB19EC009				
Ξ	CHANDANA N	1DB19EC030	Dr. Bhagya P.		2:25PM to 2:50PM	Room No-A-319 11-04-2023
	SOUNDARYA A M	1DB19EC122				
	REETHA N M	1DB19EC106				
5	SAHANAS	1DB19EC110	Mes Chandle D V		2-50PM to 3-15PM	
3	SNEHA M	1DB19EC121	MIS. SHWCHA D. V.			
	SHRUTHIS	1DB19EC120		Dr. Bhagya P.		
	MONISHA.R	1DB19EC079		Mrs. Pavithra H. V.		
24	PREETHI .N	1DB19EC093	Mrs. Shwetha B. V.		2:00PM to 2:25PM	
	PRIYA.V	1DB19EC097				
	DHARSHANIKA A N	1DB19EC040				
,	DIVYA R VAIDYA	1DB19EC041	Mre Davithra H V		M402-5-50 M425-5	
٥	HARINI S M	1DB19EC046				Room No-A-319 12-04-2023
	HEERAN	1DB19EC050				
	ABHISHEK P D	1DB19EC003				
ž	BHAVANA B	1DB19EC022	Mrs Pavithra H V		2:50PM to 3:15PM	
e e	CHIRAG M	1DB19EC034				
	JAGDISH L	1DB19EC055				

AKASH R	1DB19EC006				
BHASKAR M	1DB19EC020	Dr Shachiranian		2:00PM to 2:25PM	
DARSHAN P	1DB19EC036	Dr. Suasimanjan			
DEEPAK L	1DB19EC038				-
YASHU PRAJWAL NAG D	1DB17TE030	D. Checking		2:25PM to 2:50PM	Room No-A-214
RUTWIK R HEGDE	1DB18TE011	Of. Shashinanjan			11-04-2023
OMKARI PADMANABHA	1DB19EC088				
WILSON N	1DB19EC139	Mrs Conjunct A D		2:50PM to 3:15PM	
PAVITHRA E	1DB20EC401	Mis, sougarya A. F.			
VISHNU VIJAY A N	1DB20EC403				
JTARUN	1DB19EC054		Dr. Shashiranjan Mrs. Sonianya A. P.		
MADHUKUMAR P N	1DB19EC072	Mrs. Conference A. D.	Mrs. Shwetha M.	2:00PM to 2:25PM	
RAHUL CHANDRASHEKAR	1DB19EC101	Mis, Soujarya A. F.			
SHASHIDHARA D	1DB19EC116				
SUSHMITHA R	1DB19EC129				
VAIBHAV R	IDB19EC132	Mer Shauetha M		M903-C of M925-C	Room No-A-214
VAISHNAVI H N	1DB19EC133	Wils, Siwedia M.			12-04-2023
YASHWANTH M P	IDB19EC143				
ABHISHEK GOWDA V	1DB18EC002				
KRUTHIK M V	1DB18EC061	No. Sharehall		2-50PM to 3:15PM	
NANDEESH A R	1DB18EC080	ALL CHACKING OF			
PRANAV G	1DB18EC096		7		

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	ANUMA A	1DB19EC010				
	BHAVANA	1DB19EC021	0 0		2.00PM to 2.25PM	
	CHINMAYIR	1DB19EC033	MIS. Koopa B. S.	v v		
	HIMABINDU B C	1DB19EC052		1		
	CHIRANJEEVI C M	1DB19EC035				
	JAYANTH C	1DB19EC056	Me. Chatha G N		2:25PM to 2:50PM	Room No-A-215
	GAANA S KUMAR	1DB19EC045	MIS. Shubha O. M.			11-04-2023
	HARSHITA B	1DB19EC047				
	ARUN SUBAN M	IDB19EC012				
	CHETHAN M	1DB19EC031	Mes Doors B C	Mrs. Roopa B. S.	2:50PM to 3:15PM	
	CHETHAN M R	1DB19EC032		Mrs. Shwetha K		
	RAJESH KUMAR J	1DB19EC102				
	ISHA SHANKAR G	1DB19EC053				
	KAMASANI UHA	1DB19EC060	Mee Chanatha K		2:00PM to 2:25PM	
-	S M VAISHNAVI	1DB19EC109	Wils, Silwella K			
	RAKSHITH R	1DB19EC103				Room No-A-214
1	KIRANGM	1DB19EC064				12-04-2023
1 2	MOHAN M	1DB19EC078	Mrs Shwerha K		2:25PM to 2:50PM	
1 6	NAMRATHA S	1DB19EC084				
1	NANDITHA H	1DB19EC085				

,
Mrs. Babitha S. Mrs. Shruthi G. Mrs.Mahadevi S Manur

					Room No. 4. 216	11-04-2023									Room No-A-216	12-04-2023			
		2:00PM to 2:25PM				2:25PM to 2:50PM				2:50PM to 3:15PM				2:00PM to 2:25PM			THE PERSON NAMED OF THE PE	MINOS TO MINOS	
									Mrs. Lakshmidevi T. R.	Mrs. Tejaswini M. L. Mrs. Rashmi K. T.									
		Mrs. Rashmi K. T.				Mrs. Rashmi K. T.				Mrs. 1cjaswini M. L.			u #:	PHS. Lakaninidevi I. K.			Me I alchmidae T D	S. Lansimilary I. N.	
1DB19EC005	1DB19EC007	1DB19EC011	1DB19EC051	1DB19EC063	1DB19EC082	1DB19EC086	1DB19EC089	1DB19EC071	1DB19EC080	1DB19EC083	1DB19EC090	1DB19EC065	1DB19EC077	1DB19EC087	1DB19EC092	1DB19EC108	1DB19EC117	1DB19EC118	1DB20EC402
AISHWARYA K M	AMRITHA PRIYA A	АКРІТНА Р	HEMASHREE R	KEERTHAN R MATHAD	NAMITHA S R	NAYANA M	P P HAEMNATH	LAVANYA N	N M NAYANA	NAMRATHA M	POORNIMA S	KISHAN P S	МОНАММЕВ АТІQUE	NUTHAN Y J	PRAMODH H R	RUCHITHA V A	SHILPA LAMANI	SHILPA Y	SHASHANK N
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PRASAD PRASAD UR UR UR UR UR UR UR UR UR U	1DB19EC016			
PRASAD WHOTRI III III III III III III III	IDB19EC112			
PRASAD WINDTRI UR III III III III III III III III	1DB19EC115		2:00PM to 2:25PM	
THOTRI I	1DB19EC125			
WHOTEL L	1DB19EC124			
UR UR	1DB19EC130		1003.0	Room No-A-217
UR UR	1DB19EC140		MACCO MACCO	11-04-2023
UR	IDB19EC141			
UR UR	1DB19EC070			
UR UR	IDB19EC099	Dr. Sharanabasappa	2:50PM to 3:15PM	
UR	1DB19EC126	Mr. Kishore Kumar		
UR	IDB19EC127		7	
UR	1DB19EC004			
M. M	1DB19EC019		2:00PM to 2:25PM	
N N N N N N N N N N N N N N N N N N N	1DB19EC058			
A STATE OF THE STA	IDB19EC062			Room No-A-216
A STATE OF THE STA	IDB19EC015			12-04-2023
The second second	1DB19EC027 Mr. Kishore Komar		2:25PM to 2:50PM	
The state of the s	IDB19EC037			
A C	IDB19EC018			
Ž-	22/11/23		Professor & H.43.53	ŧ
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DON BOSCO INSTITUTE OF TECHNOLOGY, BANGALORE Department of Electronics and Communication Engineering



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Project Associates	NS:	Title of the project	Cuide	Guide marks	Panel Member-I marks	Panel Member-3 marks	Phase 2 review 1 marks	Speatiure of Faculty
	1DB19EC304			49	9.	9.	8	/ 1.
RHARGAVI AGNIHOTRI	1DB19EC019	voice controlled automatic vacuum		49	69	8	8	3
	1DB19EC058	cleaner	Mrs. Charina S	649	69	93	95	3
KAVYA S HALLUR	1DB19EC062			49	95	95	95	
AJSHWARYA K M	1DB19EC005			42	42	43	43	5-116
AMRITHA PRIYA A	1DB19EC007	Design of wireless monitoring	Adea Dashami K. T.	42	42	42	29	Too.
	1DB19EC011	system for detection of parkinsons, hits Kasamir K, disease using machine learning.	MP KABAITI K.	42	42	42	42	-
HEMASHREE R	1DB19EC051			42	42	42	42	
KEERTHAN R MATHAD	1DB19EC063			89	48	48	48	-
NAMITHA S R	1DB19EC082	Text Recognotion extraction and	Mes Bushmi K T	49	49	48	48	4
	1DB19EC086	learning bearing		48	49	48	49	
P P HAEMNATH	1DB19EC089			48	48	478	48	
MALLANGOUDA S PATIL	1DB19ET001	IOT Based smart parking using	d desired in	46	45	4	45	N.
	1DB19ET003	Kritz, barcode system and pre sion to but riamann riaman	LA Jan Francis Francis	46	45	4	45	É
	1DB19EC071			80	95	S	S	
N M NAYANA	1DB19EC080	A comparative and Performance	Mrs. Teiscum M. I	20	80	0%	8	3
NAMRATHA M	1DB19EC083	Cells in 180nm, 90nm Technology	and a speciment	20	3	95	50	-
	1DB19EC090		The second secon	50	50	20	33	
DHARSHANIKA A N	1DB19EC040			48	48	48	48	(
DIVYA R VAIDYA	1DB19EC041	Intelligence Parkaging System	Mrs Pavithra H V	48	48	88	48	\ <u></u>
	1DB19EC046	membered aceaging system		48	48	48	48	+
	1DB19EC050			48	48	48	48	

Smart blind stick of 5G Antenna for sr es, dongles&RFID la	ign of 5G Antenna for statches, dongles&RFID la	1DB19EC045 Design of 5G Antenna for smart 1DB19EC047 watches, dongles&RFID lags 1DB19EC056 1DB19EC020 Aerial Agri-Cides using kinesics	1111
3 2 2	ial Agri-Cides using kinesics stral boiler monitoring using & optimization of combustion	Aerial Ag	

	RASHMI S	1DB19EC105			48	48	48	48	
¥	SAKSHI DAMODAR UMARJI	1DB19EC111		Dr. Chandrashekar N. S.& Dr.	47	47	47	47	
3	SHRUSTI SHETTY S	1DB19EC119	speed detection &density based traffic control	Aswath Narayan B S	47	47	47	47	T
	SURAJS	1DB19EC128			48	48	48	48	
	SUSHMITHAR	1DB19EC129			47	47	47	47	
14	VAIBHAV R	1DB19EC132			45	45	45	45	-
2	VAISHNAVLHN	1DB19EC133	Kobol based pipe leakage detection Mrs. Shwetha M.	e Mrs. Shwetha M.	47	47	47	47	≫
	Y ASHWANTH M P	1DB19EC143			45	45	45	45	
	KISHORE V	1DB19EC066			48	49	48	49	0.
:	KUMUDHAL	1DB19EC067			48	48	48	48	383
	PREMA 8 G	1DB19EC095	CMUS Comparators using sunm Technology	Mrs. Shruthi G.	48	47	48	48	1
	SRIHARI R	1DB19EC123			48	48	48	48	
	KUSHAL GOWDA G	1DB19EC068			31	31	31	31	,
:	VENKATACHALANAIDU R	1DB19EC134	Automated smart robot library	No. Wich design St. Married	40	40	40	40	1
NG.	THILAK K	1DB19EC131	management system	MIS Manadovi S Manui	31	31	31	31	1
	SAKSHI SURESH JADHAV	1DB20EC400			40	40	40	40	\
	MOHAMMED ANS	1DB19EC076			48	46	48	48	1
9	RANJAN R	1DB19EC104	IOT based Vechicle accident	Mr C V Commonth	47	45	46	46	1 1
2	SANNIDHE H B	1DB19EC114	detetion system	Total Co. 1. Comments	48	46	46	47	A.
	Y ASSIAS S	1DB19EC142			47	45	47	47	
	PRERANA JAIN	1DB19EC096	4		45	44	45	45	30
8	RAHIL AHMED	1DB19EC180	Smart Glasses for Paralysed Patients	Dr. Jar Prakash Prasad	45	44	45	45	8
	VENAYC	IDB19EC137			47	48	47	48	1
	BHCCMBKA S	1DB19EC023	Wireless Power charging system		48	48	48	48	4
R	BRUNDAR	1DB19EC024	with self-adjusting charges nodes	Mrx. Babitha S.	49	48	48	49	
	KAVYAR	1DB19EC061	for electric vehicles		48	48	48	48	1
	LAVANYA GM	1081960070			S	95	20	20	0
1	RADMIKA S	1081980099	Moliple discuse prediction system	Mrs Chaitra K	49	93	46	8	5
77	SKIMATI MS	1091900126	using machine learning in python		49	S	95	SS	5
	SUPPLY A M	TDB19EC127			49	49	49	49	

	REETHA N M	1DB19EC106			48	48	48	89	1
33	SAHANAS	1DB19EC110	smart vechile security using		48	28	8	89	3
	SNEHA M	1DB19EC121	biometric and WiFI module authentication	Mrs. Shwetha B. V.	48	48	88	*	A A
	SHRUTHIS	1DB19EC120			48	48	48	48	1
	MONISHA R	1DB19EC079	Design and trust oriented analysis		47	47	47	47	3
24	PREETHI N	1DB19EC093	of instruction detection system in	Mrs. Shwetha B. V.	47	47	47	47	AN AN
	PRIYA.V	1DB19EC097	MANETS		47	47	47	47	A
	CHAITANYA S	1DB19EC026	IOT -enabled shipping container		46	46	46	46	440
25	CHANDANA D	1DB19EC029	with environment mointoring and	Mr. Suresha H.S.	46	46	46	46	S
	DIVY ASHREE B	1DB19EC042	location tracking		46	46	46	46	۵
	MANOJ S R	1DB19EC073			44	4	2	3	\
,	PRADYUMNYA K G	1DB19EC091	Prediction of disease using	Dr. Chandrashekar N. S. &	48	48	48	48	>
97	SANJITH KUMAR	1DB19EC113	machine learning	Mr. Kishore Kumar	44	44	44	44	1
	VIJETHA U M	1DB19EC135			48	48	48	48	-
	MAMATHA BM	1DB19ET002	Design and implementation of		47	45	46	46	0.51
7.7	SHOBITHA P	1DB19ET004		Mrs. Nandini A.S.	49	49	49	49	288
	TEJASHWINI PATIL	1DB19ET005	Triyambham Sutra		47	48	47	48	1
	ANUJNA A	1DB19EC010			46	46	45	46	1
	BHAVANA	1DB19EC021	Text summarization using Neural	Mrs Boons B C	46	46	45	46	V
28	CHINMAYI R	1DB19EC033	networks	MIS. Noopa D. S.	47	47	46	47	,
	HIMABINDU B C	1DB19EC052			47	47	46	47	-
	KUSUMA S JAIKANT	1DB19EC069	A high performance CMOS voltage	3	47	47	47	47	
29	NAGADEERAJ PS	1DB19EC081	controlled Oscillator	Mr. Suresna n. S.	47	47	47	47	E
	SUDEEPR	1DB19EC124			31	31	31	31	
	SYED IKRAM	1DB19EC130	Performance comprasism & image	Dr Sharanahasanna	45	45	45	45	S
30	YASHAS H S	1DB19EC140	denoising filters		45	45	45	45	X
	VASHAS B V	1DB19EC141	THE PERSON NAMED IN COLUMN 1	A STATE OF THE PARTY OF THE PAR	45	45	45	45	
	ABHEER PATII	1DB19EC001			49	49	49	49	.6
	BG TELAS	1DB19EC013	Object detection and Accident	S THE S	49	49	49	49	1
31	BS IAVANTH	1DB19EC014		MIS. Dabima 3.	20	49	49	8	§
	CSHRFYAS	1DB19EC025			49	49	49	49	

2	PREKSHA H JAIN	1DB19EC094	Advanced military CDV noney				,	-	
	PRIYANKA RY	IDB19FC008	and BOMB disnosal	Dr. A. N. Maheswarappa	4/	47	47	47	
	ABHISHEK N	1DB10EC000			48	84	8	84	
		1DB19EC002			40	39	36	39	<
33	BHARATH MK	1DB19EC017	wireless power transmission to		39	38	36	38	5
i.	K MANJUNATH	1DB19EC059	electric vechicle using solar energy	Mr. YOGESH G	42	41	40	41	Y.
	CHANDAN S	1DB19EC028			42	41	40	41)
	B S RAKSHITHA	1DB19EC015			44	44	44	44	/
2	CHAITHRA M H	1DB19EC027	Implementation of crop protection		44	44	44	44	>
,	DEEKSHITH B M	1DB19EC037	system against wild animal attack	Mr. Kishore Kumar	44	44	44	44	}_
	BHARATH P.R.	1DB19EC018			44	44	44	44	/
	ABHISHEK P D	1DB19EC003			47	47	47	47	(
;	BHAVANA B	1DB19EC022	OTP based cardless Transaction		47	47	47	47	3
33	CHIRAGM	1DB19EC034	using ATM	Mrs. Pavima n. v.	47	47	47	47	4
	JAGDISH L	1DB19EC055			47	47	47	47	
	JTARUN	1DB19EC054			4	4	4	44	
	MADHUKUMAR P N	1DB19EC072			4	44	4	44	20
Ŕ	RAHUL CHANDRASHEKAR	1DB19EC101	smart hand gesture generator	MIS. Soujanya A. F.	44	44	2	4	
	SHASHIDHARA D	1DB19EC116			44	44	4	44	
	DHANUSH M	1DB19EC0039			45	46	4	45	7
37	DIVYASHREEN	1DB19EC043	IOI based smart prepaid energy	Mrs Mahadevi S Manur	45	45	45	45	7
	HARSHITHA P	1DB19EC048			43	43	43	43	Y
	RUCHITHA V A	1DB19EC108			48	48	48	48	7
	SHILPALAMANI	1DB19EC117	Camouflage ROBOT for military	Mrs. Lakshmidevi T. R.	48	48	48	48	1 - S
兹	SHILPAY	1DB19EC118	Applications		48	88	84	48	3
	SHASHANK N	1DB20EC402			48	48	48	48	
	ISHA SHANKAR G	10819E0033			89	88	84	84	7
	E. AMASANI UBSA	1DB19EC060	Smart security based automated	Mrs. Chuertha K	82	48	89	48	X
£	RAKSHITH R	104819EC103	safe deposite locker		84	88	84	48	4
	K M VAINSENAVI	1081960109			48	48	88	48	

ı
Design and Implementation of
Booth Multiplier
Eignt legged
Forest fire alerting system with
GPS Co-ordinates using IOT

Project Coordinators: Mr. Suresha H. S.

Mrs.Lakshmidevi T R

456 25 | 3123 HODECE

Professor & H.O.D

dept. of Electronics & Cemmunications and BOSCO INSTITUTE OF TECHMULDS: Cambalagodu, BANGALORE-DEG 07.



DON BOSCO INSTITUTE OF TECHNOLOGY, BANGALORE Department of Electronics and Communication Engineering



Project Phase -2 Review-II Marks AY 2022-23

USN Title of the project
1DB19EC004
1DB19EC019 voice controlled automatic
1DB19EC058 vacuum cleaner
1DB19EC062
1DB19EC005 Design of wireless
1DB19EC007 monitoring system for
1DB19EC011 disease using machine
1DB19EC051 learning.
1DB19EC063
1DB19EC082 extraction and conversion
1DB19EC086 to speech using deep
1DB19EC089
1DB19ET001 IOT Based smart parking
1DB19ET003 system and pre slot Booking
1DB19EC071
IDB19EC080 Performance Evaluation of
1DB19EC083 6T and &T SRAM Cells in Mrs. Tejaswini M. L.
1DB19EC090 180nm,90nmTechnology

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48	48	48	48	45	20	90	50	80	50	50	50	48	48	20	48	40	40	40	40	48	48	48	48	48	48	2
48	84	48	48	45	25	20	50	20	20	20	50	48	48	20	48	94	40	40	40	48	48	48	48	48	48	2 :
48	48	48	48	45	80	20	20	20	20	50	20	48	48	20	48	40	40	40	40	48	48	48	48	48	48	
48	48	48	48	45	20	20	20	20	20	20	20	48	48	80	48	40	40	40	40	48	48	48	48	48	48	9
	V H mythm II V	MIS. Faviulia n. v.			0 1:	Mrs. Laksnimidevi 1. r.			V - 61 - 14 - V	Mrs. Snweina n			D. Changachacana	Dr. Snaranaoasappa			Dr. Bhagya P.	3	DOWN THE TAX AND		Dr. Bhagya P.			M. Chith	MIS. Shuona G. N.	
	Intelligence Packing	- 110-		Physical design and	پ	CADENCE 90nm	Technology		d smart security	system using Machine learning	0	Dacion and	implementation of 32-bit	RISC V processor using	90nm technology		3D Printer using ARDUINO and driver	board	A STATE OF THE PARTY OF THE PARTY OF		Smart blind stick			Design of 5G Antenna for	dongles&RFID lags)
1DB19EC040	1DB19EC041	1DB19EC046	1DB19EC050	1DB19EC065	1DB19EC077	1DB19EC087	1DB19EC092	1DB19EC064	1DB19EC078	1DB19EC084	1DB19EC085	1DB19EC016	1DB19EC112	1DB19EC115	1DB19EC125	1DB19EC008	1DB19EC049	1DB19EC057	1DB19EC136	1DB19EC009	1DB19EC030	1DB19EC122	1DB19EC035	1DB19EC045	1DB19EC047	1DB19EC056
DHARSHANIKA A N	DIVYA R VAIDYA	HARINI S M	HEERA N	KISHAN P S	MOHAMMED ATIQUE	NUTHAN Y J	PRAMODH H R	KIRAN G M	MOHAN M	NAMRATHA S	NANDITHA H	BHARAT V G	SANJAY GOWDA M D	SATHYAR	SUDHANVA N PRASAD	AMRUTH S	HEBBARE SUMEET SHREEDHAR	JAYANTH SHUKLA	VIKAS M A	ANANYA V	CHANDANA N	SOUNDARYA A M	CHIRANJEEVI C M	GAANA S KUMAR	HARSHITA B	JAYANTH C
		9				-				.			d	,			0				=			12	!	

	AKASHR	1DB19EC006			-		-	CONTRACTOR CO.	
-	BHASKAR M	1DB19EC626	Acrial Apri-Cides noine				8	2	
2	DARSHAN P	1DB19EC036	kinesics	Shashirenjan					2
	DEEPAK L	1DB19EC038			2 2	2 1	2	9	+
	ARUN SUBAN M	1DB19EC012	Industrial boiler					9	
14	CHETHAN M	IDB19EC031	monitoring using IOT &					9	0
2	CHETHAN M R	1DB19EC032	optimization of	Mrs. Roope B. S.	9 8	9 9		9	>
	RAJESH KUMAR J	1DB19EC102	neural networks		43	63			
	RASHMI S	1DB19EC105	A. Stranger		48	48		1	
15	SAKSHI DAMODAR UMARJI	1DB19EC111	vechicle speed detection	Dr. Chandrashekar N. S. & Dr.	47	13			-
	SHRUSTI SHETTY .S	1DB19EC119	&density based traffic	Aswath Narayan B S	47	1.0			Į.
	SURAJ S	1DB19EC128	control		48	48			
	SUSHMITHA R	1DB19EC129			95	9	5	5	
41	VAIBHAV R	1DB19EC132	Robot based pipe leakage		95	9	3	8 5	•
2	VAISHNAVI H N	1DB19EC133	detection	Mrs. Shwetha M.	49	49	8	2 2	3
	YASHWANTH M P	1DB19EC143			49	8	69	8	1
	KISHORE V	1DB19EC066			48	48	48	89	
11	KUMUDHA L	1DB19EC067	Design and analysis of low	We Charthi	48	48	87	2	
	PREMA B G	1DB19EC095	using 90nm Technology	SIMIS. SHRUMI C.	48	48	84	87	
•	SRIHARI R	1DB19EC123			48	48	8	83	
	KUSHAL GOWDA G	1DB19EC068			31	31	и	H	
8	VENKATACHALANAIDU R	1DB19EC134	Automated smart robot	Mrc Mahadani S Manus	40	9	9	9	735
2	THILAK K	1DB19EC131	system	MIS.Manadevi S Manur	31	31	33	31	7
	SAKSHI SURESH JADHAV	1DB20EC400			97	9	9	40	\

MOHAMMED ANIS	1DB19EC076			5		ŀ	f	
RANJAN R	1DB19EC104	IOT based Vechicle	1	\$ 5	9 ;	47	47	
SANNIDHI H B	1DB19EC114	E	Mr. C. Y. Gopinath	÷ e	45	94	46	and the
YASHAS S	1DB19EC142	8		9 5	9 4	47	47	1
PRERANA JAIN	1DB19EC096			;	ç :	9	46	-
RAHIL AHMED	1DB19EC100		Dr. Iai Prakash Prasad	3	4 :	45	45	₹
VINAY C	1DB19EC137	Paralysed Patients		4 7	4 8	45	45	4
BHOOMIKA S	1DB19EC023	Wireless Power charging		25	48	48	9 9	T
BRUNDA R	1DB19EC024	0.655	Mrs. Babitha S.	20	49	49	9	N
KAVYAR	1DB19EC061	vehicles		49	48	48	69	4
LAVANYA GM	1DB19EC070			20	50	50	S	
RADHIKA S	1DB19EC099	Muliple disease prediction		05	20	205	2 5	8
SUMATI MS	1DB19EC126	system using machine learning in python	Mrs.Chaitra S	S	20	05	25	80
SUPRIYA M	1DB19EC127			49	SS	22	05	ゥ
REETHA N M	1DB19EC106	•		48	47	48	48	
SAHANA S	1DB19EC110	smart vechile security	Mrs. Chuatha D. V.	48	47	48	48	Ş
SNEHA M	1DB19EC121	module authentication	Mis. Silweuld B. V.	48	47	48	48	Nag.
SHRUTHI S	1DB19EC120			48	47	48	48	4
MONISHA.R	1DB19EC079	Design and trust oriented		47	47	47	47	3
PREETHI .N	1DB19EC093	analysis of instruction detection system in	Mrs. Shwetha B. V.	47	47	47	47	No.
PRIYA.V	1DB19EC097	MANETS		47	47	47	47	1
CHAITANYA S	1DB19EC026	IOT -enabled shipping	1 1 1 1	47	47	47	47	70
CHANDANA D	1DB19EC029	container with	Mr. Suresha H.S.	47	47	47	47	
DIVYASHREE B	1DB19EC042	and location tracking		47	47	47	47	5

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ŀ	47	47	47	47	46	48	45	48	84	47	47	48	47	31	44	44	44	49	49	49	48	47	47
1	47	47	47	47	43	47	4	47	47	48	48	48	47	31	44	44	44	49	49	49	48	46	48
	47	47	47	47	45	48	45	47	47	48	48	48	47	31	44	44	44	49	49	20	20	47	48
		Jr. Chandrashekar N. S.&	Mr. Kishore Kumar			Mrs. Nandini A.S.			6	MIS. Koopa B. S.		M. Sundania	MIT. SUITESHIR IT.S.		Dr Chamahacana	Di. Sitatanaoasappa			Mrc Bahitha C	Mis. Dabinia 9.	A. A. A. A. C.		Dr. A. N. Maheswarappa
		sing	machine learning	The second secon	Design and	.,	Triyambham Sutra		Text summarization using			Ahigh performance CMOS	controlled Oscillator		Performance comprasism,	& image denoising filters		32	Object detection and	autonomous cars		Advanced military SPY	ROBOT and BOMB disposal
1DB19EC073	$\overline{}$	$\overline{}$	1DB19EC113	1DB19EC135	1DB19ET002	1DB19ET004	1DB19ET005	1DB19EC010	1DB19EC021	1DB19EC033	1DB19EC052	1DB19EC069	1DB19EC081	1DB19EC124	1DB19EC130	1DB19EC140	1DB19EC141	1DB19EC001	1DB19EC013	1DB19EC014	1DB19EC025	1DB19EC094	1DB19EC098
MANOJ S R	PRADYUMNYA K G	SANITHKIIMAD	NOW III IN THE PARTY OF THE PAR	VIJETHA U M	MAMATHA BM	SHOBITHA P	TEJASHWINI PATIL	ANUJNA A	BHAVANA	CHINMAYI R	HIMABINDU B C	KUSUMA S JAIKANT	NAGADEERAJ PS	SUDEEP R	SYED IKRAM	YASHAS H S	YASHAS R V	ABHEER PATIL	BG TEJAS	BS JAYANTH	C SHREYAS	PREKSHA H JAIN	PRIYANKA RY
	,	56				27			28			20	3		30	S			3.1	5	10		32

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	42	40	45	45	47	47	47	48	48	48	48	46	46	46	46	47	47	47	49	49	49	49
	42	40	45	45	47	47	47	48	48	48	48	46	46	46	46	47	47	47	49	49	49	49
	41	40	44	4 5	47	47	47	48	48	48	48	46	46	46	46	45	46	45	49	49	49	49
	42	04 ;	44	1 5	47	47	47	48	48	48	48	46	46	46	46	47	47	47	49	49	49	49
		Mr. YOGESH G				Mr. Kishore Kumar			V P 11 V.	Mrs. Favilnra H. V.	*		Mrc Conjence A D	Mis. Soujanya A. L.			Mrs.Mahadevi S Manur			Mrs I alcohmidani T D	MIS. Laksiminoevi 1. r.	
	wireless power	50000	vecilicie using solar energy		itation of crop	protection system against wild animal attack			OTP based cardless	Z			smart hand gesture	generator			IOI based smart prepaid energy Meter	9		Camouflage ROBOT for	120	
1DB19EC002	1DB19EC017	1DB19EC059		1DB19EC015	1DB19EC027	1DB19EC037	1DB19EC018	1DB19EC003	1DB19EC022	1DB19EC034	1DB19EC055	1DB19EC054	1DB19EC072	IDB19EC101	1DB19EC116	1DB19EC0039	1DB19EC043	1DB19EC048	1DB19EC108	1DB19EC117	1DB19EC118	1DB20EC402
ABHISHEK N	BHARATH MK	K MANJUNATH	CHANDAN S	B S RAKSHITHA	CHAITHRA M H	DEEKSHITH B M	BHARATH P R	ABHISHEK P D	BHAVANA B	CHIRAGM	JAGDISH L	JTARUN	MADHUKUMAR P N	RAHUL CHANDRASHEKAR	SHASHIDHARA D	DHANUSH M	DIVYASHREE N	HARSHITHA P	RUCHITHA V A	SHILPA LAMANI	SHILPA Y	SHASHANK N
	11				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				35	3			,,	9			37				38	

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49	49	49	49	4	46	46	46	46	46	46	46	35	40
48	48	48	48	44	46	46	46	46	46	46	46	35	40
50	20	50	50	44	46	46	46	46	46	46	46	35	40
49	49	49	49	44	46	46	46	46	46	46	46	35	40
	7	te Mrs. Shwetha K			0 4	Implementation of Booth Mrs. Soulanya A. r. Multiplier			at.	Mrs. Shwetha M.		. : : : : : : : : : : : : : : : : : : :	Tyr. Shashiranjan
	Smart security based	automated safe deposite Mrs. Shwetha K			Design and	Implementation of Boot Multiplier			Fight legged Spider using	Aurdino		1DB17TE030 Forest fire alerting system	with GPS Co-ordinates using IOT
1DB19EC053	1DB19EC060	1DB19EC103	1DB19EC109	1DB19EC088	1DB19EC139	1DB20EC401	1DB20EC403	1DB18EC002	1DB18EC061	1DB18EC080	1DB18EC096	1DB17TE030	IDB18TE011
ISHA SHANKAR G	KAMASANI UHA	RAKSHITH R	S M VAISHNAVI	OMKARI PADMANABHA	WILSON N	PAVITHRA E	VISHNU VIJAY A N	ABHISHEK GOWDA V	KRUTHIK M V	NANDEESH A R	PRANAV G	YASHU PRAJWAL NAG D	RUTWIK R HEGDE
	30					04				4			42

Project Coordinators: Mr. Suresha H. S.

Mrs.Lakshmidevi T R

HOD-ECE PROTESSOR & H.O.D

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Lembalagodu, BANGALOBE-DGO 070



DON BOSCO INSTITUTE OF TECHNOLOGY, BANGALORE Department of Electronics and Communication Engineering



Project Phase -2 Final Marks AY 2022-23

Project Group No.	Project Associates	USN	Title of the project	Guide	Phase -2 Review-1 marks	Phase -2 Review-2 marks	Phase -2 Final Marks	CIE Reduced to 40 Marks	Sgnatiure of Faculty
	AFREEN TAJ	1DB19EC004			50	50	100	40	,
- 1	BHARGAVI AGNIHOTRI	1DB19EC019	voice controlled automatic		90	20	100	40	Ş
_	KAVYAK	1DB19EC058	vacuum cleaner	Mrs.Chaitra 5	50	20	100	40	3
	KAVYA S HALLUR	1DB19EC062			50	20	100	40	
	AISHWARYA K M	1DB19EC005	Design of wireless		42	48	06	36	
	AMRITHA PRIYA A	1DB19EC007	monitoring system for	F 2: 1 a	42	48	06	36	1
7	ARPITHA P	1DB19EC011	detection of parkinson's disease using machine	Mrs. Kasnmi N. 1.	42	48	90	36	1
	HEMASHREE R	1DB19EC051	learning.		42	48	90	36	
	KEERTHAN R MATHAD	1DB19EC063	Text Recognotion		48	49	97	39	-
	NAMITHA S R	1DB19EC082	extraction and conversion	Mrs Boshmi K T	46	49	86	40	1
~	NAYANA M	1DB19EC086	to speech using deep	MIS. Nasimin N. 1.	46	49	86	40	}
	P P HAEMNATH	1DB19EC089	learning		48	46	94	38	K
	MALLANGOUDA S PATIL	1DB19ET001	IOT Based smart parking		45	45	90	36	7
7	PAVANJ	1DB19ET003	using RFID, Barcode system and pre slot Booking	Dr. Jai Prakash Prasad	45	45	06	36	N N
	LAVANYAN	1DB19EC071			90	20	100	40	
	N M NAYANA	1DB19EC080	A comparative and		50	49	66	40	as
•	NAMRATHA M	1DB19EC083	6T and &T SRAM Cells in	Mrs. Tejaswini M. L.	50	49	66	40	1
	POORNIMA S	1DB19EC090	180nm, 90nm Technology		50	20	100	40	

96 39	96 39	88 88	25	+	93 38	100 40	100 40	100 40	99 40	99 40	100 40	+	+	98 40	98 40	100 40	98 40	80 32	-	+	80 32	80 32	96 39	96 39	30
48	48	48	49	49	45	20	05	50	50	50	5	8	20	48	48	50	48	40	:	40	40	40	48	48	78
48	48	48	48	49	48	90	80	90	49	49	95	2	20	50	50	50	50	40	9	04	40	40	48	48	48
	:	Mrs. Pavithra H. V.					Mrs. Lakshmidevi T. K.				Mrs. Shwetha K				_	Dr. Silaralia0asappa				Dr. Bhagya P.				Dr. Bhagya P.	
	Intelligence Packing	System			Physical design and	comprative analysis of	multiplexers using	CADENCE YOUR Technology		Iot Based smart security	system using Machine	learning		Design and	implementation of 32-bit	RISC V processor using	90nm technology		2D Deinter using	ARDUINO and driver	board			Smart blind stick	
1DB19EC040	IDB19FC041	I DE 19ECO46	1DB19EC040	1DB19EC050	1DB19EC065	1DB19EC077	I DB 10EC087	IDBI9EC007	I DB 19EC064	100100000	1DB19EC078	1DB19EC084	1DB19EC085	1DB19EC016	1DB19EC112	1DB19EC115	IDRIGEC125	9000000000	IDBIAECTOR	1DB19EC049	1DB19EC057	1DB19EC136	1DB19EC009	1DB19EC030	CCIDAOIGE.
DHARSHANIKA A N		DIALAK VALIDIA	HARINI S M	HEERAN	KISHAN P.S	MOHAMMED ATIONE	MOHAMIMED ATTOCK	NUIHAN Y J	FRAMODHIR	KIKAN G M	MOHAN M	NAMRATHA S	NANDITHA H	BHARATVG	SANIAY GOWDA M D	SATHVAR	SALILLA K	SUDHAIN A IN FRANCE	AMRUTHS	HEBBARE SUMEET SHREEDHAR	JAYANTH SHUKLA	VIKASMA	ANANYA V	CHANDANAN	
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	CHRAMEEVIC M	1DB19EC035					September Septem	Management of the last of the	Particular and Partic
12	GAANA S KUMAR	IDB19EC045	Design of 9G Antenna for			89	×	2	-
:	HARSHITA B	TOTAL VALUE OF THE	smart watches,	Mrs. Shubba G. N.		20	22	2	-
	(AVANTUS	11.751.915, 047	dongles&RFID lags		4	89	×	20	-
	THINTE	1DB19EC056			85	2	*	2	produce
	AKASHR	1DB19EC806			4	438	8	2	
13	BHASKAR M	1DB19EC020	Aerial Agri-Cides using		69	49	8	99	*
2	DARSHAN P	1DB19EC036	kinesics	7. Shashiranjan	93	98	001	OV.	
	DEEPAK L	1DB19EC038			89	89	8	319	
	ARUN SUBAN M	1DB19EC012	(and asserted badden		47	89	98	m	<
	CHETHAN M	1DB19EC031	monitoring using IOT &		18	48	8	2	
14	CHETHAN M R	1DB19EC032	optimization of	Mrs. Roopa B. S.	48	48	8	10	7
	RAJESH KUMAR J	1DB19EC102	combustion in turnace by neural networks		94	48	3.	既	
	RASHMI S	1DB19EC105	A retornation of contents for		48	48	96	2	4
	SAKSHI DAMODAR UMARJI	1DB19EC111	vechicle speed detection	Dr. Chandrashekar N. S. & Dr.	47	47	86	200	7
15	SHRUSTI SHETTY .S	1DB19EC119	&density based traffic	Aswath Narayan B S	47	47	H	20	
	SURAJS	1DB19EC128	control		48	48	*	99	1
	SUSHMITHAR	1DB19EC129			47	2	2.6	19	
h	VAIBHAV R	1DB19EC132	Robot based pipe leakage	Mrs. Shuetha M	45	50	38	囊	Q
91	VAISHNAVI H N	1DB19EC133	detection		47	49	96	35	A
	YASHWANTH M P	1DB19EC143			45	49	75	33	T
	KISHORE V	1DB19EC066	Pacien and analysis of low		46	48	97	2	
	KUMUDHAL	1DB19EC067	power CMOS	Mrs. Shruthi G.	48	48	8	2	
17	PREMA B G	1DB19EC095	Comparators using 90nm Technology		48	48	8 3	2	
	SRIHARI R	1DB19EC123	3		48	48	R	,	T
	KUSHAL GOWDA G	1DB19EC068	9		31	31	70	2 2	AN
	VENKATACHALANAIDU R	1DB19EC134	Automated smart robot	Mrs Mahadevi S Manur	9	40	3	* *	N
18	THILAK K	1DB19EC131	system		31	31	3 8	a	1
	SANGII CHDECH IADHAV	1DB20EC400			40	40	8		

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	38	37	38	38	36	36	39	39	40	39	40	An An	40	40	39	39	39	39	38	38	38
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40	0+	46	47	47	45	45	48	48	49	48	90	50	80	49	48	48	48	48	47	47	47
		Mr. C. Y. Gopinath				Dr. Jai Prakash Prasad			Mrs. Babitha S.			-	Mrs.Chaitra S			Mrs Chusche B V	WITE SHWEITER D.			Mrs. Shwetha B. V.	
	IOT based Wester	E			Smart Glasses for	Paralysed Patients		Wireless Power charging	charges nodes for electric	vehicles		Muliple disease prediction	system using machine learning in python			smart vechile security	module authentication		Design and trust oriented	analysis of instruction detection system in	MANETS
0/000	1DB19EC104	_	_	Danorogo	108195096	IDBIACTION	1DB19EC137			1DB19EC061	1DB19EC070	1DB19EC099	1DB19EC126	1DB19EC127	1DB19EC106	1DB19EC110	1DB19EC121	1DB19EC120	10819E009	1DB19EC093	1DB19EC097
Dathrane	KANJAN K	SANNIDHI H B	YASHASS	PRERANA JAIN	RAHIL AHMED	VINAVO	The state of the s	BIRAMIKAS	BRUNDA K	KAVYAR	LAVANYA GM	RADHIKAS	SUMATIMS	SUPRIYAM	REETHANM	SAHANA S	SNEHA M	SHRUTHES	MONTSHA.R	PREETIN N	PRIYAV
	61				20			;	7.7			33	1			. 33	1			34	

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	CHAITANYA S	1DB19EC026	IOT -enabled shipping		40	47	25	38	2
	CHANDANA D	1DB19EC029	container with	Mr. Suresha H.S.	96	47	93	38	B
	DIVYASHREE B	1DB19EC042	and location tracking		07	, ,	10	37	
	MANOJ S R	1DB19EC073			44	47	95	38	10
-	PRADYUMNYA K G		Prediction of disease using	Prediction of disease using Dr. Chandrashekar N. S.&	04 8	47	91	37	}
	SANJITH KUMAR	1DB19EC113	machine learning	Mr. Kisnore Kuntu	48	47	98	38	
_	VIJETHA U M	1DB19EC135			46	45	91	37	
-	MAMATHA BM	1DB19ET002	Design and	c	49	84	76	39	8
	SHOBITHA P	1DB19ET004	mutiplier using Urdhva	Mrs. Nandini A.S.	48	45	93	38	
-	TEJASHWINI PATIL	1DB19ET005	Triyambham Sutra		46	48	94	38	C
	ANUJNA A	1DB19EC010			46	48	94	38	_
-	BHAVANA	1DB19EC021	Text summarization using	Mrs. Roopa B. S.	47	48	95	38	2
-	CHINMAY! R	1DB19EC033	Neural networks		47	48	95	38	
-	HIMABINDU B C	1DB19EC052			47	48	95	38	8
1	KUSUMA S JAIKANT	1DB19EC069	Ahigh performance CMOS	Mr. Suresha H.S.	47	. 47	8	38	S C
-	NAGADEERAJ PS	1DB19EC081	controlled-Oscillator		31	3	62	25	
1	SUDEEP R	1DB19EC124			45	44	88	36	3
-	SYED IKRAM	1DB19EC130		Dr. Sharanabasappa	3.5	44	68	36	R
-	YASHAS H S	1DB19EC140	& image denoising mens		4	44	68	36	<
1	YASHAS R V	IDB19EC141			40	49	86	40	-
-	ABHEER PATIL	1DB19EC001	Object detection and		40	6	86	4	0
-	BG TEJAS	1DB19EC013	Accider	Mrs. Babitha S.	9	9 5	100	4	1
-	BS JAYANTH	1DB19EC014			3 9	3 9	ĕ	40	-
17	C SHREYAS	1DB19EC025	-		4 :	49	3 3	38	-
-	PREKSHA H JAIN	1DB19EC094	Advanced military SFT ROBOT and BOMB	Dr. A. N. Maheswarappa	4	47	7 2	+	F T
- Marie	PRIYANKA RY	1DB19EC098			48	48	8	+	-
1	ARHISHEK N	1DB19EC002			39	42	81	+	33
1 6	DUAD A TU MK	1DB19EC017	_		38	40	78	+	32
-	SHAKATH MIN	1DB19FC059	transmission to electric	Mr. YOUESH U	4	45	98	+	35
-	K MANJUNATH	1DB19EC028	1	2	14	45	98	4	35

37	37	37	37	88	- R	× ×	88	* *	36	- N	36	37	37 1	36	39	39	39	39	39	39	33	39	36	37	3	37
16	16	91	91	98	35	98	56	8	8	96	96	92	92	06	16,	76	97	76	76	97	76	97	88	92	92	92
47	47	47	47	48	48	48	48	46	46	46	46	47	47	47	49	49	49	49	49	49	49	49	44	46	46	46
44	44	44	44	47	47	47	47	4	44	44	4	45	45	43	48	48	48	48	48	48	48	48	44	46	46	46
	Mr Kishore Kumar	Night Parker Parker	The second secon		V 11 - 15, 4	Mrs. Favithra H. V.			3	Mrs. Soujanya A. F.			Mrs.Mahadevi S Manur			Mre I abehmidani T D	MIS. Lansimilary 1. N.			Mrs Chaustha V	Wils. Silweilld N				Mis. Soujanya A. F.	
molementation	protection system against				OTP based cardless	2			smart hand gesture	generator			IOT based smart prepaid	(A)		F	military Applications		59	Smart security based	locker			Design and Implementation of Booth	Multiplier	
1DB10EC013	1DB19EC027	1DB19EC037	IDB19EC018	1DB19EC003	1DB19EC022	1DB19EC034	1DB19EC055	1DB19EC054	1DB19EC072	1DB19EC101	1DB19EC116	1DB19EC0039	1DB19EC043	1DB19EC048	1DB19EC108	1DB19EC117	1DB19EC118	1DB20EC402	1DB19EC053	1DB19EC060	1DB19EC103	1DB19EC109	1DB19EC088	1DB19EC139	1DB20EC401	1DB20EC403
CHAITHRA M H	DEEKSHITH B M	BHARATHPR	ABHISHEK P.D.	BHAVANA B	CUIDACAN	CHIKAGM	JAGDISH L	J TARUN	MADHUKUMAR P N	RAHUL CHANDRASHEKAR	SHASHIDHARA D	DHANUSH M	DIVYASHREE N	HARSHITHA P	RUCHITHA V A	SHILPA LAMANI	SHILPA Y	SHASHANK N	ISHA SHANKAR G	KAMASANI UHA	RAKSHITH R	S M VAISHNAVI	OMKARI PADMANABHA	WILSON N	PAVITHRA E	VISHNU VIJAY A N
34	5				35				36				37			38	1			30	1			40	2	

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	ABHISHEK GOWDA V	1DB18EC002			46	46	92	37	
-	KRUTHIK M V	1DB18EC061 Eight legged	Eight legged Spider using		46	46	92	37	2
	NANDEESH A R	1DB18EC080	Aurdino	Mrs. Shwetha M.	46	46	92	37	2
	PRANAV G	1DB18EC096			46	46	92	37	
	YASHU PRAJWAL NAG D	1DB17TE030 Forest fire a	Forest fire alerting system		35	35	70	28	0
15	RUTWIK R HEGDE	1DB18TE011	with GPS Co-ordinates using IOT	Mr. Shashiranjan	40	40	80	32	X

Project Coordinators: Mr. Suresha H. S.

Mrs. Lakshmidevi T R

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dept. of Electronics & Cerrus Irelies. Professor & H.O D

Cambalagadu, BANGALORE-DAG 631

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	Project Associates	USN	
1	ABHISHEK GOWDA V	1DB18EC002	37
2	KRUTHIK M V	1DB18EC061	37
3	NANDEESH A R	1DB18EC080	37
4	PRANAV G	1DB18EC096	37
5	ABHEER PATIL	1DB19EC001	40
6	ABHISHEK N	1DB19EC002	33
7	ABHISHEK P D	1DB19EC003	38
8	AFREEN TAJ	1DB19EC004	40
9	AISHWARYA K M	1DB19EC005	36
10	AKASH R	1DB19EC006	39
11	AMRITHA PRIYA A	1DB19EC007	36
12	AMRUTH S	1DB19EC008	32
13	ANANYA V	1DB19EC009	39
14	ANUJNA A	1DB19EC010	38
15	ARPITHA P	1DB19EC011	36
16	ARUN SUBAN M	1DB19EC012	38
17	BG TEJAS	1DB19EC013	40
18	BS JAYANTH	1DB19EC014	40
19	B S RAKSHITHA	1DB19EC015	37
20	BHARAT V G	1DB19EC016	40
21	BHARATH MK	1DB19EC017	32
22	BHARATH P R	1DB19EC018	37
23	BHARGAVI AGNIHOTRI	1DB19EC019	40
4	BHASKAR M	1DB19EC020	40
5	BHAVANA	1DB19EC021	38
26	BHAVANA B	1DB19EC022	38
27	BHOOMIKA S	1DB19EC023	39
18	BRUNDA R	1DB19EC024	40
29	C SHREYAS	1DB19EC025	40
30	CHAITANYA S	1DB19EC026	38
1	CHAITHRA M H	1DB19EC027	37
2	CHANDAN S	1DB19EC028	35
3	CHANDANA D	1DB19EC029	38
34	CHANDANA N	1DB19EC030	39
35	CHETHAN M	1DB19EC031	39
	CHETHAN M R	1DB19EC032	39
36 37	CHINMAYI R	1DB19EC033	38
38	CHIRAG M	1DB19EC034	38
39	CHIRANJEEVI C M	IDB19EC035	39
40	DARSHAN P	1DB19EC036	40
41	DEEKSHITH B M	1DB19EC037	37
42	DEEPAK L	1DB19EC038	39
43	DHANUSH M	1DB19EC039	37

44	DHARCHANIKA AN	I IDDIADOS IS	700
45	DHARSHANIKA A N	1DB19EC040	39
46	DIVYA R VAIDYA	1DB19EC041	39
47	DIVYASHREE B	1DB19EC042	38
	DIVYASHREE N	1DB19EC043	37
48	GAANA S KUMAR	1DB19EC045	38
49	HARINI S M	1DB19EC046	39
50	HARSHITA B	1DB19EC047	38
51	HARSHITHA P	1DB19EC048	36
52	HEBBARE SUMEET SHREEDHAR	1DB19EC049	32
53	HEERA N	1DB19EC050	39
54	HEMASHREE R	1DB19EC051	36
55	HIMABINDU B C	1DB19EC052	38
56	ISHA SHANKAR G	1DB19EC053	39
57	J TARUN	1DB19EC054	36
58	JAGDISH L	1DB19EC054	38
59	JAYANTH C	1DB19EC056	
60	JAYANTH SHUKLA	1DB19EC056 1DB19EC057	39
61	KAVYAK	1DB19EC057	32
62	K MANJUNATH	1DB19EC058	40
53	KAMASANI UHA	1DB19EC060	35
64	KAVYA R	1DB19EC060	39
55	KAVYA S HALLUR		39
66	KEERTHAN R MATHAD	1DB19EC062 1DB19EC063	40
67	KIRAN G M		39
58	KISHAN P S	1DB19EC064	40
69	KISHORE V	1DB19EC065	38
70	KUMUDHA L	1DB19EC066	39
71	KUSHAL GOWDA G	1DB19EC067	39
72	KUSUMA S JAIKANT	1DB19EC068 1DB19EC069	0 25
73	LAVANYA GM	1DB19EC069	38
74	LAVANYA N	1DB19EC070	40
75	MADHUKUMAR P N	1DB19EC071	40
76	MANOJ S R	1DB19EC072	36
77	MOHAMMED ANIS	1DB19EC073	37
78	MOHAMMED ATIQUE	1DB19EC076	38
79	MOHAN M	1DB19EC077	40
80	MONISHA.R	1DB19EC078	40
81	N M NAYANA	1DB19EC0/9	38
82	NAGADEERAJ PS	1DB19EC080	40
83	NAMITHA S R	1DB19EC081	38
84	NAMRATHA M	1DB19EC082	40
85	NAMRATHA S	1DB19EC083	40
86	NANDITHA H	1DB19EC084	40
87	NAYANA M	1DB19EC085	40
88	NUTHAN Y J	1DB19EC086	40
89	OMKARI PADMANABHA	1DB19EC088	36
90	P P HAEMNATH	2176000	30

91 POORNIMA S 1DB19EC090 40 92 PRADYUMNYA K G 1DB19EC091 38 93 PRAMODH H R 1DB19EC092 40 94 PREETHI N 1DB19EC093 38 95 PREKSHA H JAIN 1DB19EC094 38 96 PREMA B G 1DB19EC095 39 97 PRERANA JAIN 1DB19EC096 36 98 PRIYA V 1DB19EC097 38 99 PRIYANKA RY 1DB19EC097 38 99 PRIYANKA RY 1DB19EC098 39 100 RADHIKA S 1DB19EC099 40 101 RAHIL AHMED 1DB19EC100 36 102 RAHUL CHANDRASHEKAR 1DB19EC101 36 103 RAJESH KUMAR J 1DB19EC101 36 104 RAKSHITH R 1DB19EC102 38 105 RANJAN R 1DB19EC103 39 106 RASHMI S 1DB19EC105 39 107 REETHA N M 1DB19EC106 39	
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93 PRAMODH H R 94 PREETHL N 1DB19EC093 38 95 PREKSHA H JAIN 1DB19EC094 38 96 PREMA B G 1DB19EC095 39 97 PRERANA JAIN 1DB19EC096 36 98 PRIYA.V 1DB19EC097 38 99 PRIYANKA RY 1DB19EC098 39 100 RADHIKA S 1DB19EC099 40 101 RAHIL AHMED 102 RAHUL CHANDRASHEKAR 1DB19EC100 36 103 RAJESH KUMAR J 104 RAKSHITH R 105 RANJAN R 106 RASHMI S 107 REETHA N M 1DB19EC106 39 108 RUCHITHA V A 1DB19EC108 39	
94 PREETHI .N IDB19EC093 38 95 PREKSHA H JAIN IDB19EC094 38 96 PREMA B G IDB19EC095 39 97 PRERANA JAIN IDB19EC096 36 98 PRIYA V IDB19EC097 38 99 PRIYANKA RY IDB19EC098 39 100 RADHIKA S IDB19EC099 40 101 RAHIL AHMED IDB19EC100 36 102 RAHUL CHANDRASHEKAR IDB19EC101 36 103 RAJESH KUMAR J IDB19EC102 38 104 RAKSHITH R IDB19EC103 39 105 RANJAN R IDB19EC104 37 106 RASHMI S IDB19EC105 39 107 REETHA N M IDB19EC106 39 108 RUCHITHA V A IDB19EC108 39	
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107 REETHANM 10819EC108 39	
108 IRUCHITHA V A	-
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109 S M VAISHNAVI IDDITECTION 39	
110 SAHANAS IDDIOECTIL 38	_
111 SAKSHI DAMODAR OMARJI IDBIOECU2 40	-
112 SANJAY GOWDA M D LDD10EC113 37	\dashv
113 SANJITH KUMAK IDDITECTIA 38	_
114 SANNIDHI H B	_
115 SAIHYAK IDDIOECUA 36	-
116 SHASHIDHAKA D UDBIOECUZ 39	-
117 SHELL ELIMINA 1DD10EC118 30	-
118 SHILPA I	-
119 SHRUSTI SHETTI .S	-
120 SHRUTHIS	-
121 SINEMA W	-
122 SOUNDARTA A M	-
123 SKIHAKI K	Har
124 SUDEEP R 1DB19EC124 36	125
125 SUDHANVA N PRASAD 1DB19EC125 40	-
126 SUMATI MS 1DB19EC126 40	-
127 SUPRIYA M 1DB19EC127 40	-
128 SURAJ S 1DB19EC128 39	_
129 SUSHMITHA R 1DB19EC129 39	-
130 SYED IKRAM 1DB19EC130 36	_
131 THILAK K 1DB19EC131 0 2	5
132 VAIBHAV R 1DB19EC132 38	
133 VAISHNAVI H N IDB19EC133 39	
134 VENKATACHALANAIDU R IDB19EC134 0	32
135 VIJETHA U M 1DB19EC135 38	
136 VIKAS M A 1DB19EC136 32	
137 VINAY C 1DB19EC137 39	

138	WILSON N	1DB19EC139	37
139	YASHAS H S	1DB19EC140	36
140	YASHAS R V	1DB19EC141	36
141	YASHAS S	1DB19EC142	38
142	YASHWANTH M P	1DB19EC143	38
143	SAKSHI SURESH JADHAV	1DB20EC400	032
144	PAVITHRA E	1DB20EC401	37
145	SHASHANK N	1DB20EC402	39
146	VISHNU VIJAY A N	1DB20EC403	37
147	YASHU PRAJWAL NAG D	1DB17TE030	28
148	RUTWIK R HEGDE	1DB18TE011	32
149	MALLANGOUDA S PATIL	1DB19ET001	36
150	MAMATHA BM	1DB19ET002	37
151	PAVAN J	1DB19ET003	36
152	SHOBITHA P	1DB19ET004	39
153	TEJASHWINI PATIL	1DB19ET005	38

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	SI NO.	USN	18ECP83
	1	1DB18EC002	37
	2	1DB18EC061	37
	3	1DB18EC080	37
	4	1DB18EC096	37
	5	1DB19EC001	40
	6	1DB19EC002	33
	7	1DB19EC003	38
	8	1DB19EC004	40
	9	1DB19EC005	36
	10	1DB19EC006	39
	11	1DB19EC007	36
l	12	1DB19EC008	32
	13	1DB19EC009	39
	14	1DB19EC010	38
	15	1DB19EC011	36
	16	1DB19EC012	38
	17	1DB19EC013	3 40
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	23	1DB19EC01	9 40
	24	1DB19EC02	0 40
	25	1DB19EC02	38
	26	1DB19EC02	2 38
	27	1DB19EC02	3 39
100	28	1DB19EC02	4 40
	29	1DB19EC02	5 40
	30	1DB19EC02	6 38
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38	1DB19EC034	38
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Department of Electronics and Communication Engineering DOS BOSCO (SSTITLE), OF TRANSPORT

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Project Persentation Evaluation Sheet Academic Year, 2022-23 Even Sem

Date: 913/23 Rules 3

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COURSE Name : PROJECT WORK FILINSE II

Title of the Project : VOICE CONTROL BASED AUTOMATIC JACUUM CLEAMER

Project Barch So. : 6.3

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Signature of the faculty

Name of the Guide

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Signature

C Demonstration (50% of project)

C3 Presentation & Discussion

C5 Questions and Answers

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HOD

C4 Report(log book)

C1 Methodology

SON BOSCO INSTITUTE OF TECHNOLOGY DOPENING Department of Electronics and Communication Engineering

ment of Electronists and Committee Sheet Propost Providence Period Sheet Andread Year 1977-23 from Sett

Date: 12 14/22

CLEAMER BASED AUTOMATIC VACUUM Course Code: 18ECP83 Common Course Saide , PROJECT WORK PHASE II

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C Demonstration(1004, of project)

C3 Presentation & Discussion

Name of the Project Coordinator

C5 Questions and Answers

SON BOSCO INSTITUTE OF TECHNOLOGIC

Ct Report(log book)

C1 Methodology

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Department of Electronics and Communication Engineering Project Presentation Evaluation Sheet Academic Year, 2022-23 Even Sem

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Project Batch No. ;

Course Code: 18ECP83

Course Name: PROJECT WORK PHASE II

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Signature Name of the Guide Raphuni . K-T

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C3 Presentation & Discussion

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C5 Questions and Answers

C2 Demonstration(50% of project)

tembalagodu. BANGALORE-550 076-OON BOSCO INSTITUTE OF TECHNOLON Sept. of Electronics & Communication Professor & H.O.D GOH

C1 Methodology

C4 Report(log book)

DON BOSCO INSTITUTE OF TECHNOLOGY Department of Electronics and Communication Engineering

Project Prosession Evaluation Short Academic Vent MESS From Non

Project Batch No.: 2

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Signature Name of the Guide Supranture of the Faculty

Name of the Project Coordinates

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C3 Presentation & Discussion

C5 Questions and Answers

C2 Demonstration(100% of project)

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C1 Methodology

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C4 Report

DON BOSCO INSTITUTE OF TECHNOLOGY Department of Electronics and Communication Engineering

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Name of the Guide	PASHMI KIT

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Signature of the Faculty

RASHMI KIT

C2 Demonstration(50% of project)

C3 Presentation & Discussion

C5 Questions and Answers

Professor & HIGOD

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CI Methodology

C4 Report(log book)

Department of Electronics and Communication Engineering Project Presentation Evaluation Sheet Academic Very 202: 23 Even Sem

DATE: 4 #102/2023 Review 2

> Project Batch No.: 03 Title of the Project: Text Recognistion, Extraction and Convession Course Code; 18ECP83 Course Name : PROJECT WORK PHASE II

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Name of the Project Coordinator

Signature

C2 Demonstration(100% of project)

C5 Questions and Answers

C3 Presentation & Discussion

"UN BOSCO INSTITUTE OF TECHNOLORY Sept. of Electronics & Communication * Perlandin BANGALORF-550 DTA Professor & H.O.D.

C4 Report

CI Methodology

VISVESVARAYA TECHNOLOGICAL UNIVERSITY

"Jnana Sangama" Belgaum-590014, Karnataka



PROJECT REPORT

ON

"PHYSICAL DESIGN AND COMPARATIVE ANALYSIS OF MULTIPLIERS USING CADENCE 90nm TECHNOLOGY"

Submitted in partial fulfillment of the requirements for the award of the degree Bachelor of Engineering in

ELECTRONICS AND COMMUNICATION ENGINEERING

Submitted by

KISHAN P S USN: 1DB19EC065 MOHAMMED ATIQUE USN: 1DB19EC077 NUTHAN Y J USN: 1DB19EC087 PRAMODH H R USN: 1DB19EC092

Under the Cruidance of

Mrs. Lakshmidevi T. R.

Assistant Professor Dept. of ECE, DBIT



DON BOSCO INSTITUTE OF TECHNOLOGY

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Mysore road, Kumbalagodu, Bengaluru-560 074

2022-2023

Kumbalagodu, Mysore Road, Bengaluru - 560074.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING



CERTIFICATE

This is to certify that the Project work entitled "PHYSICAL DESIGN AND COMPARATIVE ANALYSIS OF MULTIPLIERS USING CADENCE 90nm TECHNOLOGY" is a bonafide work carried out by our students Mr. KISHAN P S. USN: 1DB19EC065, Mr. MOHAMMED ATIQUE, USN: 1DB19EC077, Mr. NUTHAN Y J, USN: 1DB19EC087, Mr. PRAMODH H R, USN: 1DB19EC092 of Eighth semester, in partial fulfillment for the award of degree of Bachelor of Engineering in Electronics and Communication Engineering of Visvesvaraya Technological University, Belgaum in the academic year 2022-2023. It is certified that all corrections/suggestions indicated during internal assessment have been incorporated in the report deposited in the department library. The project has been approved as it satisfies the academic requirement in respect of the project work described for the said degree.

Signature of Guide Mrs. Lakshmidevi T. R. Assistant Professor, Dept. of E&C, DBIT

15b 2215123 Bonagalhusha Signature of HOD Dr. A. N. Maheswarappa

Signature of the Principal Dr. Nagabhushana B. S.

Principal.

Dept. of E&C, DBIT

Professor & HOD,

ON BOSCO INSTITUTE OF THE WOLD ON Bosco Institute of Technology Cumbalagodu BANGALORE-BEO DTE Kumbalagodu, Mysore Road Bangalare - 580 074

EXTERNAL VIVA

Name of the Examiners

1MR. V Sacebathi 2 Dr AN Mahuswarappa Signature with Date

ABSTRACT

As the digital electronic systems are getting better with the advancement in technology day by day there is a need to build faster and more power-efficient multipliers, which are the major building blocks in most of the digital processing systems. A Multiplier is an electronic circuit used in digital circuits, such as a computer, to multiply two binary numbers. It is built using binary adders. A variety of computer arithmetic techniques can be used to implement a digital multiplier. In digital circuits multiplying of binary numbers is done using repeated addition using full adders and half adders. A multiplier is used in many applications such as image processing, signal processing, microprocessors, and microcontrollers, etc. There are many types of multipliers such as array multiplier, Wallace tree multiplier, Vedic multiplier, Booth multiplier, Russian Peasant and Dadda Multiplier. A processor consumes most of the hardware resources for multiplication process as compared to the other arithmetic operations such as addition and subtraction. The proposed system presents a detailed review by comparing different topologies of multipliers in recent years seeking the scope for the best possible optimization among delay, area and power consumption.

VISVESVARAYA TECHNOLOGICAL UNIVERSITY

"Jnana Sangama" Belagavi-590018, Karnataka



PROJECT REPORT

ON

"DESIGN OF WIRELESS MONITORING SYSTEM FOR DETECTION OF PARKINSON'S DISEASE USING MACHINE LEARNING"

Submitted in partial fulfillment of the requirements for the award of the degree

Bachelor of Engineering in

ELECTRONICS AND COMMUNICATION ENGINEERING

Submitted by

AISHWARYA K M

AMRITHA PRIYA A

ARPITHA P

HEMASHREE R

USN: 1DB19EC007

USN: 1DB19EC011

USN: 1DB19EC051

Under the Guidance of Mrs. Rashmi K T Assistant Professor Dept. of ECE, DBIT



DON BOSCO INSTITUTE OF TECHNOLOGY

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Mysore road, Kumbalagodu, Bengaluru-560 074

2022-2023

Kumbalagodu, Mysore Road, Bengaluru – 560074.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING



CERTIFICATE

This is to certify that the Project work entitled "DESIGN OF WIRELESS MONITORING SYSTEM FOR DETECTION OF PARKINSON'S DISEASE USING MACHINE LEARNING" is a bonafide work carried out by our students Ms. AISHWARYA K M, USN: 1DB19EC005, Ms. AMRITHA PRIYA A, USN: 1DB19EC007, Ms. ARPITHA P, USN: 1DB19EC011, Ms. HEMASHREE R, USN: 1DB19EC051, of Eighth semester, in partial fulfillment for the award of degree of Bachelor of Engineering in Electronics and Communication Engineering of Visvesvaraya Technological University, Belagavi in the academic year 2022-2023. It is certified that all corrections/suggestions indicated during internal assessment have been incorporated in the report deposited in the department library. The project has been approved as it satisfies the academic requirement in respect of the project work described for the said degree.

Signature of the Guide Prof. Rashmi K T

Assistant Professor

Dept. of ECE, DBIT

tsb-22/5/23

Signature of the HOD Dr. Maheshwarappa A N

Professor & HODD Dept. of ECE, DBIT, acation Signature of the Principal Dr. B S Nagabhushana

(Sonogabhusha

Principal

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ON BOSCO INSTITUTE OF TELLINOLOGION Bosco Institute of Technolic Cambalagodu, BANGALORE-550 974 Kumbalagodu, Mysore Road Bangalore - 560 074.

EXTERNAL VIVA

Name of the Examiner

Signature with date

Mr. V. Sreepathi

2 Dr. A.N. Maheswarappa

ABSTRACT

Wearable technology has played an essential role in the Mobile Health (mHealth) sector for diagnosis, treatment, and rehabilitation of numerous diseases and disorders. One such neuro-degenerative disorder is Parkinson's Disease (PD). Many research works in PD management discuss the challenges that healthcare professionals face in the early detection and management of this disease. Sensor devices have been promising to overcome these challenges to a certain degree because of the low cost and accuracy in measurement, yielding precise conclusive results to detect, monitor, and manage PD. This paper presents a Systematic Literature Review (SLR) that provides an in-depth analysis of the PD symptoms, Motor and Non-Motor Symptoms (NMS), the current diagnosis and management techniques used and their efficacy. The paper also highlights the work of various researchers in wearable sensors and their proposals to improve the quality of life of a PD patient by diagnosing, monitoring, and managing PD symptoms remotely via wearable sensors. Magnetic Resonance (MR) Imaging is capable of detecting the structural changes in the brain due to dopamine deficiency in Parkinson's disease subjects. Deep learning algorithms provide cutting-edge results for various machine learning and computer vision tasks. We have proposed an approach to classify MR images of healthy and Parkinson's disease patients using deep convolution neural network. The experimental findings show that the proposed method offers an improved diagnosis of Parkinson's disease compared to state-of-the-art research paper.