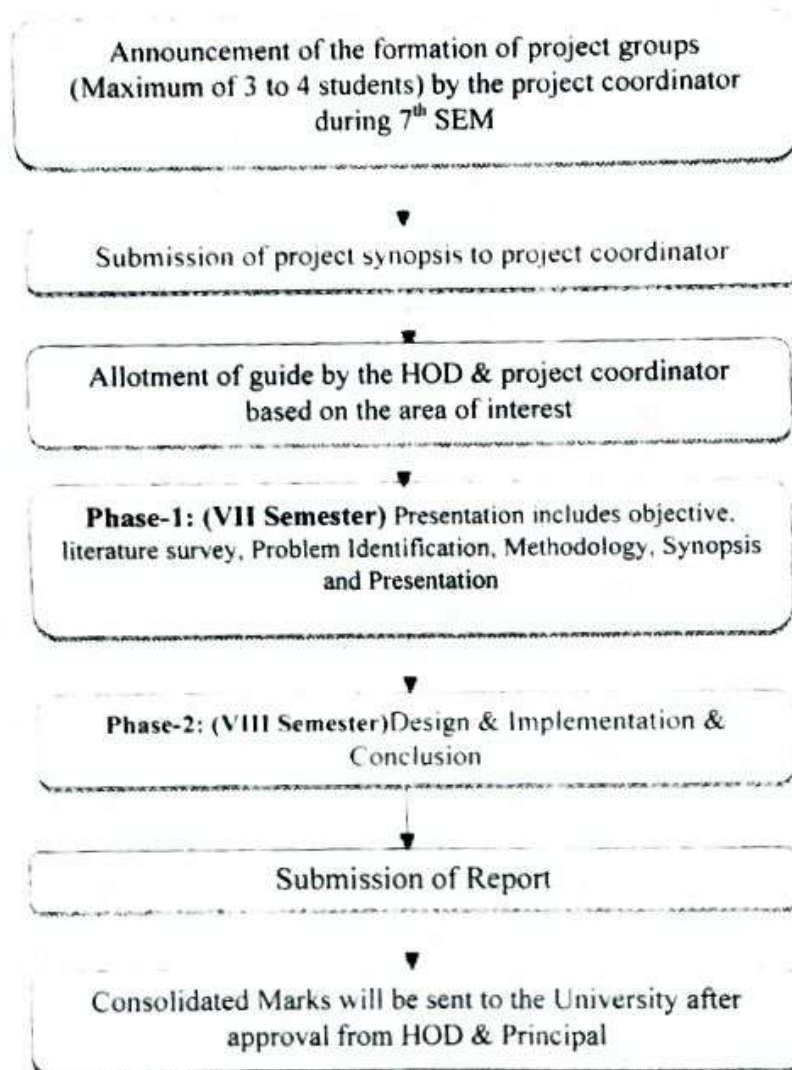




**DON BOSCO INSTITUTE OF TECHNOLOGY**  
(NAAC Accredited Institution)  
**Department of Electronics and Communication Engineering**  
Accredited by NBA & Permanently affiliated to VTU



**Process of Identification and Monitoring the Student's Projects**



  
HOD-ECE



**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%)	CO	Max Marks
<b>50 % completion of Project</b>	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
<b>Logbook, Dress Code, Attendance</b>	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
<b>Slide Content Quality</b>	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
<b>Oral Presentation Quality</b>	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)	CO3	15

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

Parameter	Low (0-35%)	Medium (36%-65%)	Medium (66% - 100%)	CO	Max Marks
<b>100 % completion of Project</b>	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
<b>Logbook, Dress Code, Attendance</b>	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
<b>Slide Content Quality</b>	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
<b>Oral Presentation Quality</b>	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)	CO3	15

**Project Co-Ordinators**

Mr. Suresha H S

Mrs Lakshmidhevi T R,

+sb 29/10/22

**HOD-ECE**  
**Professor & H.O.D**

Dept. of Electronics & Communication  
**DON BOSCO INSTITUTE OF TECHNOLOGY**  
Bangalore. BANGALORE-560 074





**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
<b>Problem Definition &amp; Recentness of the Project</b>	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
<b>Literature Survey</b>	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
<b>Slide Content Quality</b>	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
<b>Oral Presentation Quality</b>	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)	CO3	20
<b>Project Synopsis</b>	Less Clarity in project synopsis	Few contents missed in project synopsis	Well defined project synopsis	CO4	10

Don Bosco Institute of Technology  
Bangalore  
Department of Electronics and Communication Engineering  
Page No. \_\_\_\_\_

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

Parameter	Low (0-35%)	Medium (36%-65%)	Medium (66%-100%)	CO	Max Marks
<b>Problem Definition &amp; Recentness of the Project</b>	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
<b>Literature Survey</b>	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
<b>Slide Content Quality</b>	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
<b>Oral Presentation Quality</b>	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)	CO3	20
<b>Project Synopsis</b>	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

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Subject Name & Code	Project work Phase-1 18ECP77	Academic Year	2022-23
Course Instructors	Mr. Suresh H S, Mrs Lakshmidevi T R	ODD/EVEN Semester	ODD

CO-PO Mapping Table (In the scale of 3)													CO-PSO Mapping Table			
CO/PO	1	2	3	4	5	6	7	8	9	10	11	12	CO/PSO	1	2	3
CO-1	3	3	2	2	1	1		1	2	2	1	1	CO-1	2	2	
CO-2	3	3	2	2		1		1	2	2	1	1	CO-2	2	2	
CO-3	2	2	3	3		3	3	2	2	2	1	1	CO-3		3	2
CO-4						1			3	2		1	CO-4			1
Total	8	8	7	7	1	6	3	4	9	8	3	4	Total	4	7	3

**NOTE:--** (i) *the outcome should be justifiable. There is no compulsion of retaining VTU CO's as per the university instruction.*

2. (C-PO A) (C-PSO mapping levels will be FINALIZED by the course coordinator and the course instructors with proper justification.

NT 545

MR. L. R.



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## CO MAPPING

Subject Name & Code	Project work Phase-2	18EE083	Academic Year	2022-23
Course Instructors	Mr. Suresh H S, Mrs Lakshmi Devi T R	ODD/EVEN Semester	ODD & EVEN	

Statements of Course Outcomes	Target (%)	BL
CO-1 Analyze the problem, formulation and solution of the selected project	80	L3
CO-2 Develop solutions for contemporary problems using modern tools for sustainable development.	80	L4
CO-3 Demonstrate ethical and professional sustainability while working in a team and communicate effectively for the benefit of the society.	80	L4
CO-4 Understand the engineering, finance and management principles.	80	L4

CO-PO Mapping Table (In the scale of 3)													CO-PSO Mapping Table			
CO/PO	1	2	3	4	5	6	7	8	9	10	11	12	CO/PSO	1	2	3
CO-1	3	3	1	2		3	2	1	3	3	2	3	CO-1	2		
CO-2	3	3	3	3	3	2	2	2	3	3	3	3	CO-2	2	2	
CO-3	3	2	2	2	3	2	2	3	3	3	3	3	CO-3		2	
CO-4		1	1			1	1	3	3	3	3	3	CO-4		3	2
Total	9	9	7	7	6	8	7	9	12	12	11	12	Total	4	7	2

NOTE:- 1) CO's outcome should be justifiable. There is no compulsion of retaining VTU CO's as per the university instruction.

2) CO-PO & CO-PSO mapping levels will be FINALIZED by the course coordinator and the course instructors with proper justification.

Mr LTR *harsid*

Mrs SVS *SVS*





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



Project Phase - I Final Marks AY 2022-23

Project Group No.	Project Associates	USN	Title of the project	Guide	Signature of Faculty
1	AFREEN TAJ	IDB19EC004	voice controlled automatic vacuum cleaner	Mrs. Chaitra S	
	BHARGAVI AGNIHOTRI	IDB19EC019			
	KAVYA K	IDB19EC058			
	KAVYA S HALLUR	IDB19EC062			
2	AISHWARYA K M	IDB19EC005	Design of wireless monitoring system for detection of parkinson's disease using machine learning	Mrs. Rashmi K. T.	
	AMRITHA PRIYA A	IDB19EC007			
	ARPITHA P	IDB19EC011			
	HEMASHREE R	IDB19EC051			
3	KEERTHAN R MATHAD	IDB19EC063	Text Recognition extraction and conversion to speech using deep learning	Mrs. Rashmi K. T.	
	NAMITHA S R	IDB19EC082			
	NAYANA M	IDB19EC086			
	P P HAEMNATH	IDB19EC089			
4	MALLANGOUDA S PATIL	IDB19ET001	IOT Based smart parking using RFID, Barcode system and pre slot Booking	Dr. Jai Prakash Prasad	
	PAVAN J	IDB19ET003			
5	LAVANYA N	IDB19EC071	A comparative and Performance Evaluation of 6T and 8T SRAM Cells in 180nm .90nm Technology	Mrs. Tejaswini M. L.	
	N M NAYANA	IDB19EC080			
	NAMRATHA M	IDB19EC083			
	POORNIMA S	IDB19EC090			
6	DHARSHANIK A N	IDB19EC040	Intelligence Packing System	Mrs. Pavithra H. V.	
	DIVYA R VAIDYA	IDB19EC041			
	HARINI S M	IDB19EC046			
	HEERA N	IDB19EC050			
7	KISHAN P S	IDB19EC065	Physical design and comprative analysis of multiplexers using CADENCE 90nm Technology	Mrs. Lakshmidivi T. R.	
	MOHAMMED ATIQUE	IDB19EC077			
	NUTHAN Y J	IDB19EC087			
	PRAMODH H R	IDB19EC092			
8	KIRAN G M	IDB19EC064	lot Based smart security system using Machine learning	Mrs. Shwetha K	
	MOHAN M	IDB19EC078			
	NAMRATHA S	IDB19EC084			
	NANDITHA H	IDB19EC085			
9	BHARAT V G	IDB19EC016	Design and implementation of 32-bit RISC V processor using 90nm technology	Dr. Sharanabasappa	
	SANJAY GOWDA M D	IDB19EC112			
	SATHYA R	IDB19EC115			
	SUDHANVA N PRASAD	IDB19EC125			
10	AMRUTH S	IDB19EC008	3D Printer using ARDUINO and driver board	Dr. Bhagya P.	
	HEBBARE SUMEET SHREEDHAR	IDB19EC049			
	JAYANTH SHUKLA	IDB19EC057			
	VIKAS M A	IDB19EC136			



11	ANANYA V	IDB19EC009	Smart blind stick	Dr. Bhagya P.	
	CHANDANA N	IDB19EC030			
	SOUNDARYA A M	IDB19EC122			
12	CHIRANJEEVI C M	IDB19EC035	Design of 5G Antenna for smart watches, dongles & RFID tags	Mrs. Shubha G. N.	
	GAANA S KUMAR	IDB19EC045			
	HARSHITA B	IDB19EC047			
	JAYANTH C	IDB19EC056			
13	AKASH R	IDB19EC006	Aerial Agri-Cides using kinesics	<del>Dr.</del> Shashiranjana	
	BHASKAR M	IDB19EC020			
	DARSHAN P	IDB19EC036			
	DEEPAK L	IDB19EC038			
14	ARUN SUBAN M	IDB19EC012	Industrial boiler monitoring using IOT & optimization of combustion in furnace by neural networks	Mrs. Roopa B. S.	
	CHETHAN M	IDB19EC031			
	CHETHAN M R	IDB19EC032			
	RAJESH KUMAR J	IDB19EC102			
15	RASHMI S	IDB19EC105	Automated system for vehicle speed detection & density based traffic control	Dr. Chandrashekar N. S. & Dr. Aswath Narayan B S	
	SAKSHI DAMODAR UMARJI	IDB19EC111			
	SHRUSTI SHETTY S	IDB19EC119			
	SURAJ S	IDB19EC128			
16	SUSHMITHA R	IDB19EC129	Robot based pipe leakage detection	Mrs. Shwetha M.	
	VAIBHAV R	IDB19EC132			
	VAISHNAVI H N	IDB19EC133			
	YASHWANTH M P	IDB19EC143			
17	KISHORE V	IDB19EC066	Design and analysis of low power CMOS Comparators using 90nm Technology	Mrs. Shruthi G.	
	KUMUDHA L	IDB19EC067			
	PREMA B G	IDB19EC095			
	SRIHARI R	IDB19EC123			
18	KUSHAL GOWDA G	IDB19EC068	Automated smart robot library management system	Mrs. Mahadevi S Manur	
	VENKATACHALANAIDU R	IDB19EC134			
	THILAK K	IDB19EC131			
	SAKSHI SURESH JADHAV	IDB20EC400			
19	MOHAMMED ANIS	IDB19EC076	IOT based Vehicle accident detection system	Mr. C. Y. Gopinath	
	RANJAN R	IDB19EC104			
	SANNIDHI H B	IDB19EC114			
	YASHAS S	IDB19EC142			
20	PRERANA JAIN	IDB19EC096	Smart Glasses for Paralyzed Patients	Dr. Jai Prakash Prasad	
	RAHIL AHMED	IDB19EC100			
	VINAY C	IDB19EC137			
21	BHOOMIKA S	IDB19EC023	Wireless Power charging system with self-adjusting charges nodes for electric vehicles	Mrs. Babitha S.	
	BRUNDA R	IDB19EC024			
	KAVYA R	IDB19EC061			
22	LAVANYA GM	IDB19EC070	Multiple disease prediction system using machine learning in python	Mrs Chaitra S	
	RADHIKA S	IDB19EC099			
	SUMATI MS	IDB19EC126			
	SUPRIYA M	IDB19EC127			



23	REETHA N M	IDB19EC106	smart vechile security using biometric and WIFI module authentication	Mrs. Shwetha B. V.	
	SAHANA S	IDB19EC110			
	SNEHA M	IDB19EC121			
	SHRUTHI S	IDB19EC120			
24	MONISHA R	IDB19EC079	Design and trust oriented analysis of instruction detection system in MANETS	Mrs. Shwetha B. V.	
	PREETHI N	IDB19EC093			
	PRIYA V	IDB19EC097			
25	CHAITANYA S	IDB19EC026	IOT -enabled shipping container with environment mointoring and location tracking	Mr. Suresha H.S.	
	CHANDANA D	IDB19EC029			
	DIVYASHREE B	IDB19EC042			
26	MANOJ S R	IDB19EC073	Prediction of disease using machine learning	Dr. Chandrashekar N. S. & Mr. Kishore Kumar	
	PRADYUMNYA K G	IDB19EC091			
	SANJITH KUMAR	IDB19EC113			
	VIJETHA U M	IDB19EC135			
27	MAMATHA BM	IDB19ET002	Design and implementation of Vedic mutiplier using Urdhva Triyambham Sutra	Mrs. Nandini A.S.	
	SHOBITHA P	IDB19ET004			
	TEJASHWINI PATIL	IDB19ET005			
28	ANUJNA A	IDB19EC010	Text summarization using Neural networks	Mrs. Roopa B. S.	
	BHAVANA	IDB19EC021			
	CHINMAYI R	IDB19EC033			
	HIMABINDU B C	IDB19EC052			
29	KUSUMA S JAIKANT	IDB19EC069	Ahigh performance CMOS controlled Oscillator	Mr. Suresha H.S.	
	NAGADEERAJ PS	IDB19EC081			
30	SUDEEP R	IDB19EC124	Performance comprasism & image denoising filters	Dr. Sharanabasappa	
	SYED IKRAM	IDB19EC130			
	YASHAS H S	IDB19EC140			
	YASHAS R V	IDB19EC141			
31	ABHEER PATIL	IDB19EC001	Object detection and Accident avoidance in autonomous cars	Mrs. Babitha S.	
	BG TEJAS	IDB19EC013			
	BS JAYANTH	IDB19EC014			
	C SHREYAS	IDB19EC025			
32	PREKSHA H JAIN	IDB19EC094	Advanced military SPY ROBOT and BOMB disposal	Dr. A. N. Maheswarappa	
	PRIYANKA RY	IDB19EC098			
33	ABHISHEK N	IDB19EC002	wireless power transmission to electric vechicle using solar energy	Mr. YOGESH G	
	BHARATH MK	IDB19EC017			
	K MANJUNATH	IDB19EC059			
	CHANDAN S	IDB19EC028			
34	B S RAKSHITHA	IDB19EC015	Implementation of crop protection system against wild animal attack	Mr. Kishore Kumar	
	CHAITHRA M H	IDB19EC027			
	DEEKSHITH B M	IDB19EC037			
	BHARATH P R	IDB19EC018			
35	ABHISHEK P D	IDB19EC003	OTP based cardless Transaction using ATM	Mrs. Pavithra H. V	
	BHAVANA B	IDB19EC022			
	CHIRAG M	IDB19EC034			
	JAGDISH L	IDB19EC055			

36	J TARUN	IDB19EC054	smart hand gesture generator	Mrs. Soujanya A. P.	
	MADHUKUMAR P N	IDB19EC072			
	RAHUL CHANDRASHEKAR	IDB19EC101			
	SHASHIDHARA D	IDB19EC116			
37	DHANUSH M	IDB19EC0039	IOT based smart prepaid energy Meter	Mrs. Mahadevi S Manur	
	DIVYASHREE N	IDB19EC043			
	HARSHITHA P	IDB19EC048			
38	RUCHITHA V A	IDB19EC108	Camouflage ROBOT for military Applications	Mrs. Lakshmidevi T. R.	
	SHILPA LAMANI	IDB19EC117			
	SHILPA Y	IDB19EC118			
	SHASHANK N	IDB20EC402			
39	ISHA SHANKAR G	IDB19EC053	Smart security based automated safe deposit locker	Mrs. Shwetha K	
	KAMASANI UHA	IDB19EC060			
	RAKSHITH R	IDB19EC103			
	S M VAISHNAVI	IDB19EC109			
40	OMKARI PADMANABHA	IDB19EC088	Design and Implementation of Booth Multiplier	Mrs. Soujanya A. P.	
	WILSON N	IDB19EC139			
	PAVITHRA E	IDB20EC401			
	VISHNU VIJAY A N	IDB20EC403			
41	ABHISHEK GOWDA V	IDB18EC002	Eight legged Spider using Aurdino	Mrs. Shwetha M.	
	KRUTHIK M V	IDB18EC061			
	NANDEESH A R	IDB18EC080			
	PRANAV G	IDB18EC096			
42	YASHU PRAJWAL NAG D	IDB17TE030	Forest fire alerting system with GPS Co-ordinates using IOT	Dr. Shashiranjana	
	RUTWIK R HEGDE	IDB18TE011			

**Project Coordinators:**

Mr. Suresha H. S.

Mrs. Lakshmidevi T R

HOD-ECE



**Professor & H.O.D**



Dept. of Electronics & Communication

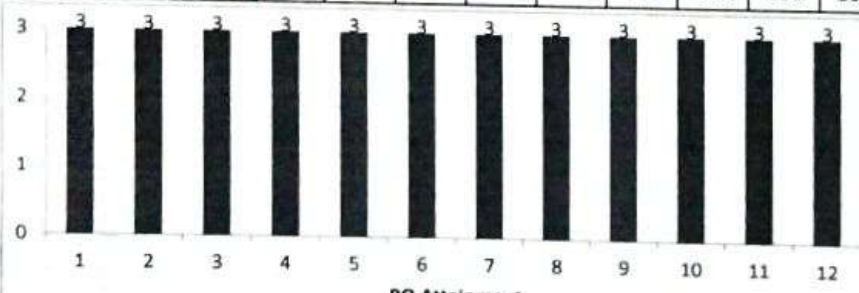
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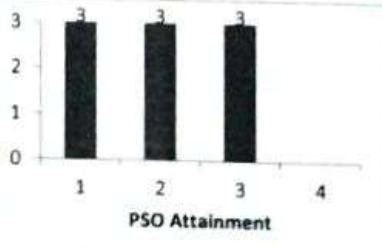
File No: DBIT/NBA/ COURSE/ 2022-23			<b>WAYANAMC EDUCATION TRUST®</b> <b>DON BOSCO INSTITUTE OF TECHNOLOGY</b> <b>Kumbalagodu, Bengaluru – 560 074</b>									
<b>Department of ELECTRONICS &amp; COMMUNICATION</b>												
<b>Course Information</b>												
<b>Programme Name:</b>		ELECTRONICS & COMMUNICATION										
<b>Academic Year:</b>	2022-23	<b>Semester:</b>	7	<b>Section:</b>	A B C	<b>Subject Type:</b> Practical						
<b>Course Title:</b>		Project Work Phase 1										
<b>Course Instructor Name:</b>		Mrs. Lakshmidevi T R				<b>Class Strength:</b>						
<b>Subject Code:</b>	18ECP78	<b>Course No:</b>	8	<b>Course ID:</b>	C408	142						
<b>Scheme of Teaching &amp; Marks</b>												
<b>Contact Hr/Week:</b>	4	<b>Lecture Hours (Hr.):</b>			<b>Tutorials (Hr.):</b>	4						
<b>Max.CIE Marks:</b>	100	<b>Max. SEE Marks:</b>			<b>Total Max.Marks:</b>	100						
<b>Min.CIE Marks:</b>	40	<b>Min.SEE Marks:</b>			<b>Total Min.Marks:</b>	40						
<b>Final CIE (IA) Marks:</b>	100	<b>Assignment Marks:</b>			<b>Test Marks:</b>	100						
<b>Threshold Values for Attainment Calculation</b>												
<b>Attainment level</b>	3	%	2	%	1	%						
<b>Internal Assessment</b>	>=	70	>=	60	>=	50						
<b>SE Examination</b>	>=	0	>=	0	>=	0						
<b>Final CO Attainment</b>												
<b>( Percentage Contribution, %)</b>												
<b>Statements of Course Outcomes</b>												
		<b>No.of CO's</b>		4	<b>Target(%)</b>	<b>BL</b>						
C408.1	Identify the problem to provide solution through technology.				80	12						
C408.2	Analyze Literature about emerging trending technology and research concept.				80	12						
C408.3	Illustrate different solutions for the new concepts on innovation going on related to societal, environmental and technology.				80	13						
C408.4	Ability to articulate and present project synopsis				80	12						
<b>Semester End Exam. (SEE) Target(%)</b>		0		<b>Course End Survey(CES) Target (%)</b>		0						
<b>CO-PO Mapping Table (In the scale of 3)</b>												
<b>CO/PO</b>	1	2	3	4	5	6	7	8	9	10	11	12
C408.1	3	3	2	2	1	1		1	2	2	1	1
C408.2	3	3	2	2		1		1	2	2	1	1
C408.3	2	2	3	3		3	3	2	2	2	1	1
C408.4						1			3	2		1
<b>Total</b>	8	8	7	7	1	6	3	4	9	8	3	4
<b>CO-PSO Mapping Table</b>												
<b>CO/PSO</b>	1	2	3	4								
C408.1	2	2										
C408.2	2	2										
C408.3		3	2									
C408.4			1									
<b>Total</b>	4	7	3									

File No: DBIT/NBA/ CO-PO-PSO / 2022-23	 <b>WAYANAMC EDUCATION TRUST®</b> <b>DON BOSCO INSTITUTE OF TECHNOLOGY</b> <b>Kumbalagodu, Bengaluru – 560 074</b> 												
Course Title	Project Work Phase 1							Course Code	C408				
Subject Code	18ECP78	Semester	7	Section	A B C		Emp.ID	DBITECE080834					
Faculty Name	Mrs. Lakshmid devi T R							No.students	142				
Department of ELECTRONICS & COMMUNICATION													
Summary of CO attainments for the Subject Code: 18ECP78 in the Academic Year:2022-23													
CO	CID_CO	CIE			SEE			CES			TOT_Attainment		
		S_AT	T_ST	ATN	S_AT	T_ST	ATN	S_AT	T_ST	ATN	ATN	%	Status
CO1	C408.1	140	142	3							3	100	YES
CO2	C408.2	140	142	3							3	100	YES
CO3	C408.3	140	142	3							3	100	YES
CO4	C408.4	140	142	3							3	100	YES
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)	3	3	3	3	3	3	3	3	3	3	3	3	
Indirect ATNT(ID)	0	0	0	0	0	0	0	0	0	0	0	0	
Total-ATNT	3	3	3	3	3	3	3	3	3	3	3	3	
Total-ATNT (%)	100	100	100	100	100	100	100	100	100	100	100	100	





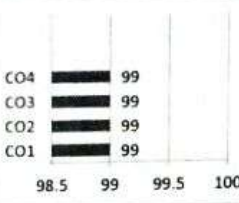
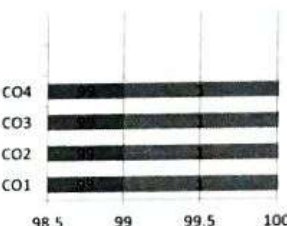
PO Attainment



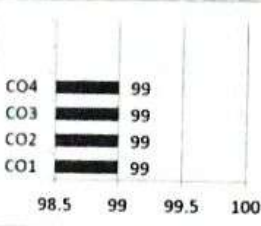
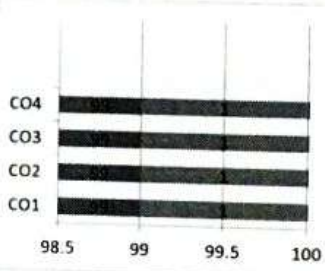
Summary of PSO attainments in Year:2022-23				
PSO Number	1	2	3	4
Direct ATNT(D)	3	3	3	
Indirect ATNT(ID)	0	0	0	
Total-ATNT	3	3	3	
Total-ATNT (%)	100	100	100	



PSO Attainment



File No: /NBA/ CO-REPORT/ 2022-23	 <b>WAYANAMC EDUCATION TRUST*</b> <b>DON BOSCO INSTITUTE OF TECHNOLOGY</b> Kumbalagodu, Bengaluru - 560 074								
<b>Department of ELECTRONICS &amp; COMMUNICATION</b>									
Course Title	Project Work Phase 1			Course Code	C408				
Subject Code	18ECP78	Semester	7	Section	A B C				
Faculty Name	Mrs. Lakshmidevi T R			Emp.ID	DBITECE08083				
				No.students	142				
<b>CO Attainment from -SUB, in the Subject: 18ECP78-Based on: TYPE-2, Academic Year 2022-23</b>									
Sl.	CO Number	Sum	T_Std	Av-AT	TS(=3)	AT,%	Ac_AT	ATNT	
CO1	C408.1	423	142	3	140	99	3	YES	
CO2	C408.2	423	142	3	140	99	3	YES	
CO3	C408.3	423	142	3	140	99	3	YES	
CO4	C408.4	423	142	3	140	99	3	YES	
<b>Distribution of CO Attainment from -SUB, in Subj: 18ECP78-Based on: TYPE-2, ACDY:2022-23</b>									
Sl.	CO Number	3	%	2	%	1	%		
CO1	C408.1	140	99	1	1	1	1		
CO2	C408.2	140	99	1	1	1	1		
CO3	C408.3	140	99	1	1	1	1		
CO4	C408.4	140	99	1	1	1	1		
<b>Remarks of Course Instructor</b>									
<b>Signature of HOD/DAC</b>					<b>Signature of Course Instructor</b>				

File No: /NBA/ CO-REPORT/ 2022-23	 <b>WAYANAM EDUCATION TRUST*</b> <b>DON BOSCO INSTITUTE OF TECHNOLOGY</b> Kumbalagodu, Bengaluru – 560 074								
<b>Department of ELECTRONICS &amp; COMMUNICATION</b>									
Course Title	Project Work Phase 1			Course Code	C408				
Subject Code	18ECP78	Semester	7	Section	A B C				
Faculty Name	Mrs. Lakshmidevi T R			Emp.ID	DBITECE08083				
				No.students	142				
<b>CO Attainment from -SUB, in the Subject: 18ECP78-Based on: TYPE-2, Academic Year 2022-23</b>									
Sl.	CO Number	Sum	T_Std	Av-AT	TS(=3)	AT,%	Ac_AT	ATNT	
CO1	C408.1	423	142	3	140	99	3	YES	
CO2	C408.2	423	142	3	140	99	3	YES	
CO3	C408.3	423	142	3	140	99	3	YES	
CO4	C408.4	423	142	3	140	99	3	YES	
<b>Distribution of CO Attainment from -SUB, in Subj: 18ECP78-Based on: TYPE-2, ACDY:2022-23</b>									
Sl.	CO Number	3	%	2	%	1	%		
CO1	C408.1	140	99	1	1	1	1		
CO2	C408.2	140	99	1	1	1	1		
CO3	C408.3	140	99	1	1	1	1		
CO4	C408.4	140	99	1	1	1	1		
<b>Remarks of Course Instructor</b>									
<b>Signature of HOD/DAC</b>					<b>Signature of Course Instructor</b>				





# Don Bosco Institute of Technology, Bangalore

(NAAC Accredited Institution)

## Department of Electronics and Communication Engineering

(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

*Tsh* 01/09/22  
HOD-ECE

Mr. Suresha H.S.

*SA* 01/09/2022

Mrs. Lakshmi Devi T R

*Lakshmi*  
11/9/2022



**Don Bosco Institute of Technology, Bangalore**

(NAAC Accredited Institution)

**Department of Electronics and Communication Engineering**

(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.

Mrs. Lakshmi Devi T R

*SLD*  
*22/10/22*  
*hand note*  
*22/10*

*TSB 22/10/22*  
HOD-ECE

**Professor & H.O.D**

**Dept. of Electronics & Communication**

**DON BOSCO INSTITUTE OF TECHNOLOGY**

**Bombalagodu BANGALORE-560 076**





**Don Bosco Institute of Technology, Bangalore**

(NAAC Accredited Institution)

**Department of Electronics and Communication Engineering**

(Accredited by NBA & Permanently affiliated to VTU)



Date: 22-10-2022

**Circular**

All 7<sup>th</sup> sem 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

*SH 22/10/22*  
*Lakshmi 22/10*

*TSB 22/10/22*

HOD-ECE

**Professor & H.O.D**

**Dept. of Electronics & Communicatio.**

**DON BOSCO INSTITUTE OF TECHNOLOGY**

**Amhalagoda BANGALORE-560 074**



**DON BOSCO INSTITUTE OF TECHNOLOGY, BANGALORE**

**Department of Electronics and Communication Engineering**

**AY 2022-23 Final Year Project Group Details**



**PROJECT PHASE I REVIEW-I**

Project Group No.	Project Associates	USN	Guide	Panel Members	Scheduled time	Date, Room No.	
32	PREKSHA H JAIN	IDB19EC094	Dr. A. N. Maheswarappa	Dr. A. N. Maheswarappa Dr. Chandrashekar N. S. Mr. Suresha H.S.	2:00PM to 2:25PM	Room No-A-317 03-11-2022	
	PRIYANKA RY	IDB19EC098			2:25PM to 2:50PM		
15	RASHMI S	IDB19EC105	Dr. Chandrashekar N. S.		2:50PM to 3:15PM		3:15PM to 3:40PM
	SAKSHI DAMODAR UMARJI	IDB19EC111					
	SHRUSTI SHETTY S	IDB19EC119					
	SURAJ S	IDB19EC128					
26	MANOJ S R	IDB19EC073	Dr. Chandrashekar N. S.		3:40PM to 4:05PM		
	PRADYUMNYA K G	IDB19EC091					
	SANJITH KUMAR	IDB19EC113					
	VIJETHA U M	IDB19EC135					
25	CHAITANYA S	IDB19EC026	Mr. Suresha H.S.				
	CHANDANA D	IDB19EC029					
	DIVYASHREE B	IDB19EC042					
29	KUSUMA S JAIKANT	IDB19EC069	Mr. Suresha H.S.				
	NAGADEERAJ PS	IDB19EC081					



19	MOHAMMED ANIS	IDB19EC076	Mr. C. Y. Gopinath	Mr. C. Y. Gopinath Dr. Jai Prakash Prasad Mrs. Nandini A.S. Mr. Yogesh G	2:00PM to 2:25PM
	RANJAN R	IDB19EC104			
	SANNIDHI H B	IDB19EC114			
	YASHAS S	IDB19EC142			
4	MALLANGOUDA S PATIL	IDB19ET001	Dr. Jai Prakash Prasad		2:25PM to 2:50PM
	PAVAN J	IDB19ET003			
20	PRERANA JAIN	IDB19EC096	Dr. Jai Prakash Prasad		2:50PM to 3:15PM
	RAHIL AHMED	IDB19EC100			
	VINAY C	IDB19EC137			
27	MAMATHA BM	IDB19ET002	Mrs. Nandini A.S.		3:15PM to 3:40PM
	SHOBITHA P	IDB19ET004			
	TEJASHWINI PATIL	IDB19ET005			
33	ABHISHEK N	IDB19EC002	Mr. Yogesh G		3:40PM to 4:05PM
	BHARATH MK	IDB19EC017			
	K MANJUNATH	IDB19EC059			
	CHANDAN S	IDB19EC028			

10	AMRUTH S	1DB19EC008	Dr. Bhagya P.	Dr. Bhagya P. Mrs. Shwetha B. V. Mrs. Pavithra H. V.	2:00PM to 2:25PM
	HEBBARE SUMEET SHREE	1DB19EC049			
	JAYANTH SHUKLA	1DB19EC057			
	VIKAS M A	1DB19EC136			
11	ANANYA V	1DB19EC009	Dr. Bhagya P.		2:25PM to 2:50PM
	CHANDANA N	1DB19EC030			
	SOUNDARYA A M	1DB19EC122			
23	REETHA N M	1DB19EC106	Mrs. Shwetha B. V.		2:50PM to 3:15PM
	SAHANA S	1DB19EC110			
	SNEHA M	1DB19EC121			
	SHRUTHI S	1DB19EC120			
24	MONISHA R	1DB19EC079	Mrs. Shwetha B. V.		3:15PM to 3:40PM
	PREETHI N	1DB19EC093			
	PRIYA V	1DB19EC097			
6	DHARSHANIKA A N	1DB19EC040	Mrs. Pavithra H. V.		3:40PM to 4:05PM
	DIVYA R VAIDYA	1DB19EC041			
	HARINI S M	1DB19EC046			
	HEERA N	1DB19EC050			
35	ABHISHEK P D	1DB19EC003	Mrs. Pavithra H. V.		4:05PM to 4:30PM
	BHAVANA B	1DB19EC022			
	CHIRAG M	1DB19EC034			
	JAGDISH L	1DB19EC055			



1	AFREEN TAJ	IDB19EC004	Dr. Akashath M. J	2:00PM to 2:25PM	Dr. Akashath M. J Mrs. Soujanya A. P. Mrs. Shwetha M.
	BHARGAVI AGNIHOTRI	IDB19EC019			
	KAVYA K	IDB19EC058			
	KAVYA S HALLUR	IDB19EC062			
39	ISHA SHANKAR G	IDB19EC053	Dr. Akashath M. J	2:25PM to 2:50PM	
	KAMASANI UHA	IDB19EC060			
	S M VAISHNAVI	IDB19EC109			
	RAKSHITH R	IDB19EC103			
40	OMKARI PADMANABHA	IDB19EC088	Mrs. Soujanya A. P.	2:50PM to 3:15PM	
	WILSON N	IDB19EC139			
	PAVITHRA E	IDB20EC401			
	VISHNU VIJAY A N	IDB20EC403			
36	J TARUN	IDB19EC054	Mrs. Soujanya A. P.	3:15PM to 3:40PM	
	MADHUKUMAR P N	IDB19EC072			
	RAHUL CHANDRASHEKA	IDB19EC101			
	SHASHIDHARA D	IDB19EC116			
16	SUSHMITHA R	IDB19EC129	Mrs. Shwetha M.	3:40PM to 4:05PM	
	VAIBHAV R	IDB19EC132			
	VAISHNAVI H N	IDB19EC133			
	YASHWANTH M P	IDB19EC143			
41	ABHISHEK GOWDA V	IDB18EC002	Mrs. Shwetha M.	4:05PM to 4:30PM	
	KRUTHIK M V	IDB18EC061			
	NANDEESH A R	IDB18EC080			
	PRANAV G	IDB18EC096			

28	ANUJNA A	IDB19EC010	Mrs. Roopa B. S.	Mrs. Roopa B. S. Mrs. Shubha G. N. Mrs. Bhavya A. B. Mrs Shwetha K	2:00PM to 2:25PM	
	BHAVANA	IDB19EC021			2:25PM to 2:50PM	
	CHINMAYI R	IDB19EC033				2:50PM to 3:15PM
	HIMABINDU B C	IDB19EC052				
CHIRANJEEVI C M	IDB19EC035	3:40PM to 4:05PM				
JAYANTH C	IDB19EC056					
GAANA S KUMAR	IDB19EC045					
HARSHITA B	IDB19EC047					
14	ARUN SUBAN M	IDB19EC012	Mrs. Shubha G. N.			
	CHETHAN M	IDB19EC031			Mrs. Bhavya A. B.	
	CHETHAN M R	IDB19EC032				
	RAJESH KUMAR J	IDB19EC102				
22	LAVANYA GM	IDB19EC070	Mrs. Bhavya A. B.			
	RADHIKA S	IDB19EC099				
	SUMATI MS	IDB19EC126				
	SUPRIYA M	IDB19EC127				
8	KIRAN G M	IDB19EC064	Mrs. Shwetha K			
	MOHAN M	IDB19EC078				
	NAMRATHA S	IDB19EC084				
	NANDITHA H	IDB19EC085				



21	BHOOMIKA S	IDB19EC023	Mrs. Babitha S.	<b>Mrs. Babitha S.</b> <b>Mrs. Shruthi G.</b> <b>Mrs. Mahadevi S Manur</b>	2:00PM to 2:25PM	Room No-A-216 03-11-2022
	BRUNDA R	IDB19EC024				
	KAVYA R	IDB19EC061				
	ABHEER PATIL	IDB19EC001				
	BG TEJAS	IDB19EC013				
31	BS JAYANTH	IDB19EC014	Mrs. Babitha S.	<b>Mrs. Babitha S.</b> <b>Mrs. Shruthi G.</b> <b>Mrs. Mahadevi S Manur</b>	2:25PM to 2:50PM	Room No-A-216 03-11-2022
	C SHREYAS	IDB19EC025				
	KISHORE V	IDB19EC066				
	KUMUDHA L	IDB19EC067				
	PREMA B G	IDB19EC095				
17	SRIHARI R	IDB19EC123	Mrs. Shruthi G.	<b>Mrs. Babitha S.</b> <b>Mrs. Shruthi G.</b> <b>Mrs. Mahadevi S Manur</b>	2:50PM to 3:15PM	Room No-A-216 03-11-2022
	KUSHAL GOWDA G	IDB19EC068				
	VENKATACHALANAIDU R	IDB19EC134	Mrs. Mahadevi S Manur		3:15PM to 3:40PM	
	SAKSHI SURESH JADHAV	IDB19EC400				
37	DHANUSH M	IDB19EC0039	Mrs. Mahadevi S Manur	<b>Mrs. Babitha S.</b> <b>Mrs. Shruthi G.</b> <b>Mrs. Mahadevi S Manur</b>	3:40PM to 4:05PM	Room No-A-216 03-11-2022
	DIVYASHREE N	IDB19EC043				
	HARSHITHA P	IDB19EC048				

2	AISHWARYA K M	IDB19EC005	Mrs. Rashmi K. T.	Mrs. Lakshmidevi T. R. Mrs. Tejaswini M. L. Mrs. Rashmi K. T.	2:00PM to 2:25PM	Room No-A-217 03-11-2022		
	AMRITHA PRIYA A	IDB19EC007			2:25PM to 2:50PM			
	ARPITHA P	IDB19EC011					2:50PM to 3:15PM	
	HEMASHREE R	IDB19EC051						3:15PM to 3:40PM
3	KEERTHAN R MATHAD	IDB19EC063	Mrs. Rashmi K. T.					
	NAMITHA S R	IDB19EC082						
	NAYANA M	IDB19EC086						
	P P HAEMNATH	IDB19EC089						
5	LAVANYA N	IDB19EC071	Mrs. Tejaswini M. L.					
	N M NAYANA	IDB19EC080						
	NAMRATH M	IDB19EC083						
	POORNIMA S	IDB19EC090						
7	KISHAN P S	IDB19EC065	Mrs. Lakshmidevi T. R.					
	MOHAMMED A TIQUE	IDB19EC077						
	NUTHAN Y J	IDB19EC087						
	PRAMODH H R	IDB19EC092						
38	RUCHITHA V A	IDB19EC108	Mrs. Lakshmidevi T. R.					
	SHILPA LAMANI	IDB19EC117						
	SHILPA Y	IDB19EC118						
	SHASHANK N	IDB20EC402						



9	BHARAT V G	IDB19EC016	Dr. Sharanabasappa	Dr. Sharanabasappa Mr. Shashiranjana Mr. Kishore Kumar	2:00PM to 2:25PM	Room No-A-219 03-11-2022
	SANJAY GOWDA M D	IDB19EC112				
	SATHYA R	IDB19EC115				
	SUDHANVA N PRASAD	IDB19EC125				
10	SUDEEP R	IDB19EC124	Dr. Sharanabasappa	Dr. Sharanabasappa Mr. Shashiranjana Mr. Kishore Kumar	2:25PM to 2:50PM	Room No-A-219 03-11-2022
	SYED IKRAM	IDB19EC130				
	YASHAS H S	IDB19EC140				
	YASHAS R V	IDB19EC141				
13	AKASH R	IDB19EC006	Mr. Shashiranjana	Mr. Shashiranjana	2:50PM to 3:15PM	Room No-A-219 03-11-2022
	BHASKAR M	IDB19EC020				
	DARSHAN P	IDB19EC036				
	DEEPAK L	IDB19EC038				
42	YASHU PRAJWAL NAG D	IDB17TE030	Mr. Shashiranjana	Mr. Shashiranjana	3:15PM to 3:40PM	Room No-A-219 03-11-2022
	RUTWIK R HEGDE	IDB18TE011				
34	B S RAKSHITHA	IDB19EC015	Mr. Kishore Kumar	Mr. Kishore Kumar	3:40PM to 4:05PM	Room No-A-219 03-11-2022
	CHAITHRA M H	IDB19EC027				
	DEEKSHITH B M	IDB19EC037				
	BHARATH P R	IDB19EC018				

Project Coordinators:

Mr. Suresha H. S.

Mrs. Lakshmidevi T R

22/10/22  
21/10

22/10/22

HOD-ECE

Professor & H.O.D.

Dept. of Electronics & Communication  
JSSS INSTITUTE OF TECHNOLOGY  
MANGALORE-575 005

# DON BOSCO INSTITUTE OF TECHNOLOGY, BANGALORE

## Department of Electronics and Communication Engineering

AY 2022-23 Final Year Project Group Details

PROJECT PHASE 1 REVIEW-2

Project Group No.	Project Associates	USN	Guide	Panel Members	Scheduled time	Date, Room No.	
32	PREKSHA H JAIN	IDB19EC094	Dr A N Maheswarappa	Dr. A. N. Maheswarappa Chandrashekar N. S. Mr. Suresha H.S.	2.00PM to 2.25PM	Room No-A-317 08-12-2022	
	PRIVANKA RY	IDB19EC098					
15	RASHMI S	IDB19EC105	Dr Chandrashekar N S		2.25PM to 2.50PM		
	SAKSHI DAMODAR UMARJI	IDB19EC111					
	SHRUSTI SHETTY S	IDB19EC119					
	SURAJ S	IDB19EC128					
26	MANOJ S R	IDB19EC073	Dr Chandrashekar N S		2.50PM to 3.15PM		
	PRADYUMNYA K G	IDB19EC091					
	SANJITH KUMAR	IDB19EC113					
	VIJETHA U M	IDB19EC135					
25	CHAITANYA S	IDB19EC026	Mr Suresha H S		3.15PM to 3.40PM		
	CHANDANA D	IDB19EC029					
	DIVYASHREE B	IDB19EC042					
29	KUSUMA S JAIKANT	IDB19EC069	Mr Suresha H S		3.40PM to 4.05PM		
	NAGADEERAJ PS	IDB19EC081					



19	MOHAMMED ANIS	IDB19EC076	Mr. C. Y. Gopinath	2:00PM to 2:25PM	Room No-A-318 08-12-2022
	RANJAN R	IDB19EC104			
	SANNIDHI H.B	IDB19EC114			
	YASHAS S	IDB19EC142			
4	MALLANGOUDA S PATIL	IDB19ET001	Dr. Jai Prakash Prasad	2:25PM to 2:50PM	
	PAVAN J	IDB19ET003			
20	PRERANA JAIN	IDB19EC096	Dr. Jai Prakash Prasad	2:50PM to 3:15PM	
	RAHIL AHMED	IDB19EC100			
	VINAY C	IDB19EC137			
27	MAMATHA BM	IDB19ET002	Mrs. Nandini A.S.	3:15PM to 3:40PM	
	SHOBITHA P	IDB19ET004			
	TEJASHWINI PATIL	IDB19ET005			
33	ABHISHEK N	IDB19EC002	Mr. Yogesh G	3:40PM to 4:05PM	
	BHARATH MK	IDB19EC017			
	K MANJUNATH	IDB19EC059			
	CHANDAN S	IDB19EC028			

10	AMRUTH S	IDB19EC008	Dr. Bhagya P	2:00PM to 2:25PM	Room No-A-319 08-12-2022
	HEBBARE SUMEET SHREEDHAR	IDB19EC049			
	JAYANTH SHUKLA	IDB19EC057			
	VIKAS M A	IDB19EC136			
11	ANANYA V	IDB19EC009	Dr. Bhagya P	2:25PM to 2:50PM	
	CHANDANA N	IDB19EC030			
	SOUNDARYA A M	IDB19EC122			
	REETHA N M	IDB19EC106			
23	SAHANA S	IDB19EC110	Mrs. Shwetha B. V.	2:50PM to 3:15PM	
	SNEHA M	IDB19EC121			
	SHRUTHI S	IDB19EC120			
	MONISHA R	IDB19EC079			
24	PREETHI N	IDB19EC093	Mrs. Shwetha B. V.	3:15PM to 3:40PM	
	PRIYA V	IDB19EC097			
	DHARSHANIKA A N	IDB19EC040			
	DIVYA R VAIDYA	IDB19EC041			
6	HARINI S M	IDB19EC046	Mrs. Pavithra H. V.	3:40PM to 4:05PM	
	HEERA N	IDB19EC050			
	ABHISHEK P D	IDB19EC003			
	BHAVANA B	IDB19EC022			
35	CHIRAG M	IDB19EC034	Mrs. Pavithra H. V.	4:05PM to 4:30PM	
	JAGDISH L	IDB19EC055			



1	AFREEN TAJ	IDB19EC004	Dr Akashath M. J	2:00PM to 2:25PM	Room No-A-214 08-12-2022
	BHARGAVI AGNIHOTRI	IDB19EC019			
	KAVYA K	IDB19EC058			
	KAVYA S HALLUR	IDB19EC062			
39	ISHA SHANKAR G	IDB19EC053	Dr Akashath M. J	2:25PM to 2:50PM	
	KAMASANI UHA	IDB19EC060			
	S M VAISHNAVI	IDB19EC109			
	RAKSHITH R	IDB19EC103			
40	OMKARI PADMANABHA	IDB19EC088	Mrs Soujanya A. P	2:50PM to 3:15PM	
	WILSON N	IDB19EC139			
	PAVITHRA E	IDB20EC401			
	VISHNU VIJAY A N	IDB20EC403			
36	J TARUN	IDB19EC054	Mrs Soujanya A. P.	3:15PM to 3:40PM	
	MADHUKUMAR P N	IDB19EC072			
	RAHUL CHANDRASHEKAR	IDB19EC101			
	SHASHIDHARA D	IDB19EC116			
16	SUSHMITHA R	IDB19EC129	Mrs Shwetha M.	3:40PM to 4:05PM	
	VAIBHAV R	IDB19EC132			
	VAISHNAVI H N	IDB19EC133			
	YASHWANTH M P	IDB19EC143			
41	ABHISHEK GOWDA V	IDB18EC002	Mrs. Shwetha M.	4:05PM to 4:30PM	
	KRUTHIK M V	IDB18EC061			
	NANDEESH A R	IDB18EC080			
	PRANAV G	IDB18EC096			

28	ANUJNA A	IDB19EC010	Mrs Roopa B S	2:00PM to 2:25PM	Room No-A-215 08-12-2022
	BHAVANA	IDB19EC021			
	CHINMAYI R	IDB19EC033			
	HIMABINDU B C	IDB19EC052			
12	CHIRANJEEVI C M	IDB19EC035	Mrs Shubha G N	2:25PM to 2:50PM	
	JAYANTH C	IDB19EC056			
	GAANA S KUMAR	IDB19EC045			
	HARSHITA B	IDB19EC047			
14	ARUN SUBAN M	IDB19EC012	Mrs Bhavya A B	2:50PM to 3:15PM	
	CHETHAN M	IDB19EC031			
	CHETHAN M R	IDB19EC032			
	RAJESH KUMAR J	IDB19EC102			
22	LAVANYA GM	IDB19EC070	Mrs Bhavya A B	3:15PM to 3:40PM	
	RADHIKA S	IDB19EC099			
	SUMATI MS	IDB19EC126			
	SUPRIYA M	IDB19EC127			
8	KIRAN G M	IDB19EC064	Mrs Shwetha K	3:40PM to 4:05PM	
	MOHAN M	IDB19EC078			
	NAMRATHA S	IDB19EC084			
	NANDITHA H	IDB19EC085			



21	BHOOMIKA S	1DB19EC023	Mrs Babitha S	Mrs. Babitha S. Mrs. Shruthi G. Mrs. Mahadevi S Manur	2:00PM to 2:25PM	Room No-A-216 08-12-2022
	BRUNDA R	1DB19EC024				
	KAVYA R	1DB19EC061				
31	ABHEER PATIL	1DB19EC001	Mrs Babitha S		2:25PM to 2:50PM	
	BG TEJAS	1DB19EC013				
	BS JAYANTH	1DB19EC014				
	C SHREYAS	1DB19EC025				
17	KISHORE V	1DB19EC066	Mrs Shruthi G		2:50PM to 3:15PM	
	KUMUDHA L	1DB19EC067				
	PREMA B G	1DB19EC095				
	SRIHARI R	1DB19EC123				
18	KUSHAL GOWDA G	1DB19EC068	Mrs Mahadevi S Manur		3:15PM to 3:40PM	
	VENKATACHALANAIDU R	1DB19EC134				
	SAKSHI SURESH JADHAV	1DB20EC400				
37	DHANUSH M	1DB19EC0039	Mrs Mahadevi S Manur		3:40PM to 4:05PM	
	DIVYASHREE N	1DB19EC043				
	HARSHITHA P	1DB19EC048				

					Room No-A-27 08-12-2022				
2	AISHWARYA K M	IDB19EC005	Mrs Rashmi K T	2:00PM to 2:25PM	Mrs. Lakshmidevi T. R. Mrs. Tejaswini M. L. Mrs. Rashmi K. T.				
	AMRITHA PRIYA A	IDB19EC007							
	ARPITHA P	IDB19EC011							
	HEMASHREE R	IDB19EC051							
3	KEERTHAN R MATHAD	IDB19EC063	Mrs Rashmi K T	2:25PM to 2:50PM					
	NAMITHA S R	IDB19EC082							
	NAYANA M	IDB19EC086							
	P P HAEMNATH	IDB19EC089							
5	LAVANYA N	IDB19EC071	Mrs Tejaswini M L	2:50PM to 3:15PM					
	N M NAYANA	IDB19EC080							
	NAMRATHA M	IDB19EC083							
	POORNIMA S	IDB19EC090							
7	KISHAN P S	IDB19EC065	Mrs Lakshmidevi T R	3:15PM to 3:40PM					
	MOHAMMED ATIQUE	IDB19EC077							
	NUTHAN Y J	IDB19EC087							
	PRAMODH H R	IDB19EC092							
38	RUCHITHA V A	IDB19EC108	Mrs Lakshmidevi T R	3:40PM to 4:05PM					
	SHILPA LAMANI	IDB19EC117							
	SHILPA Y	IDB19EC118							
	SHASHANK N	IDB20EC402							



9	BHARAT V G	1DB19EC016	Dr. Sharanabasappa	Dr. Sharanabasappa Mr. Shashiranjan Mr. Kishore Kumar	2:00PM to 2:25PM	Room No-A-218 08-12-2022
	SANJAY GOWDA M D	1DB19EC112				
	SATHYA R	1DB19EC115				
	SUDHANVA N PRASAD	1DB19EC125				
30	SUDEEP R	1DB19EC124	Dr. Sharanabasappa		2:25PM to 2:50PM	
	SYED IKRAM	1DB19EC130				
	YASHAS H S	1DB19EC140				
	YASHAS R V	1DB19EC141				
13	AKASH R	1DB19EC006	Mr. Shashiranjan		2:50PM to 3:15PM	
	BHASKAR M	1DB19EC020				
	DARSHAN P	1DB19EC036				
	DEEPAK L	1DB19EC038				
42	YASHU PRAJWAL NAG D	1DB17TE030	Mr. Shashiranjan		3:15PM to 3:40PM	
	RUTWIK R HEGDE	1DB18TE011				
34	B S RAKSHITHA	1DB19EC015	Mr. Kishore Kumar		3:40PM to 4:05PM	
	CHAITHIRA M H	1DB19EC027				
	DEEKSHITH B M	1DB19EC037				
	BHARATH P R	1DB19EC018				

**Project Coordinators:**

Mr. Suresha H. S

Mrs. Lakshmiadevi T R

*[Handwritten signatures]*

*[Handwritten signature]*

HOD-ECE

**Professor & H.O.D**

**Dept. of Electronics & Communication**







**VENUS INSTITUTE OF TECHNOLOGY**

**BANGALORE-560 074**

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









AY 2022-23 Final Year Project Group Details  
PROJECT PHASE-I REVIEW-I MARKS

Date-3-11-2022

Project Group No.	Project Associates	USN	Title of the project	Guide	Guide marks	Panel Member-1 marks	Panel Member-2 marks	Phase -1 review-1 marks	Signature
1	AFREEN TAJ	IDB19EC004	voice controlled automatic vacuum cleaner	Dr. Alagath M. J	49	49	49	49	
	BHARGAVI AGNIHOTRI	IDB19EC019			49	49	49	49	
	KAVYA K	IDB19EC058			49	49	49	49	
	KAVYA S HALLUR	IDB19EC062			49	49	49	49	
2	AISHWARYA K M	IDB19EC005	Design of wireless monitoring system for detection of parkinson's disease using machine learning	Mrs. Rashmi K. T	49	49	49	49	
	AMRITHA PRIYA A	IDB19EC007			49	49	49	49	
	ARPITHA P	IDB19EC011			49	49	49	49	
	HEMA SHREET R	IDB19EC051			49	49	49	49	
3	KEERTHAN R MATHAD	IDB19EC063	Text Recognition extraction and conversion to speech using deep learning	Mrs. Rashmi K. T	49	49	49	49	
	NAMITHA S R	IDB19EC082			49	49	49	49	
	NAYANA M	IDB19EC086			49	49	49	49	
	P P HANNAATH	IDB19EC089			48	48	48	48	
4	MALLANURJUNA S PATIL	IDB19ET001	IoT Based smart parking using RFID, Barcode system and pre slot Booking	Dr. Jai Prakash Prasad	45	47	46	46	
	PAVAN J	IDB19ET003			45	47	46	46	
5	LAVANYA N	IDB19EC071	A comparative and Performance Evaluation of IoT and 4G LTE SRAM Cells in 180nm Technology	Mrs. Tejaswini M. L.	50	50	50	50	
	N M NAYANA	IDB19EC080			48	48	48	48	
	NAMRATHA M	IDB19EC083			49	49	49	49	
	POORNIMA S	IDB19EC090			49	49	49	49	
6	CHETANSHANKAR A N	IDB19EC040	Intelligence Packing System	Mrs. Poothra H. V.	48	47	47	48	
	DIVYA R VARDA	IDB19EC041			48	47	47	48	
	SHARINI S M	IDB19EC046			48	47	47	48	
	POEBA N	IDB19EC050			48	47	47	48	











7	KUNIAN P S	IDB19EC065	Physical design and comparative analysis of multiplexers using CADENCE 90nm Technology	Mrs Lakshmi Devi T. R.	49	49	49	49	Verbal
	MOHAMMED A T Q U E	IDB19EC077			50	50	50	50	
	NUTHAN Y J	IDB19EC087			50	50	50	50	
	PRAMOD H R	IDB19EC092			50	50	50	50	
	KIRAN G M	IDB19EC064			45	44	44	45	
8	MURHAN M	IDB19EC078	Intruder alert and photo capture, GSM alert security system	Mrs SWETHA K.	45	44	43	44	Handwritten
	NAMRATHA S	IDB19EC084			45	44	43	44	
	NANJITHA H	IDB19EC085			45	43	44	44	
	BHAKAT V G	IDB19EC016			46	49	48	48	
9	SANJAY GOWDA M D	IDB19EC112	Design and implementation of 32-bit RISC V processor using CADENCE	Dr. Sharanabasappa	46	48	48	48	Handwritten
	SATHYA R	IDB19EC115			46	49	48	48	
	SUDHANVA N PRASAD	IDB19EC125			45	49	49	48	
	AMRUTH S	IDB19EC008			38	38	38	38	
10	HEBBARI SUMEET SHRIKUMAR	IDB19EC049	3D Printer using ARDUINO and driver board	Dr. Bhagya P	38	38	38	38	Handwritten
	JAYANTH SHUKLA	IDB19EC057			38	38	38	38	
	VIKAS M A	IDB19EC116			38	38	38	38	
	ANANYA V	IDB19EC009			49	49	49	49	
11	CHANDANA N	IDB19EC030	Smart blind stick	Dr. Bhagya P	49	49	49	49	Handwritten
	SOURABHARVA A M	IDB19EC122			49	49	49	49	
	CHIRANJEET C M	IDB19EC035			48	47	47	48	
	GAANA S KUMAR	IDB19EC045			49	49	48	49	
12	HARSHITA R	IDB19EC047	Design of 5G Antenna	Mrs. Shubha G. N	48	48	49	49	Handwritten
	JAYANTH C	IDB19EC056			49	49	49	49	
	AKASH R	IDB19EC006			49	49	49	49	
	BHASKAR M	IDB19EC020			50	50	50	50	
13	DARSHAN P	IDB19EC036	Aerial Agri-Cides using kinematics	Mr. Shashirajan	49	49	49	49	Handwritten
	DEEPAK I	IDB19EC038			48	48	48	48	
	ARUN SUBAN M	IDB19EC012			48	47	47	48	
	CHEETHAN M	IDB19EC031			49	49	49	49	
14	CHETHAN M R	IDB19EC012	Industrial boiler monitoring using IoT & optimization of combustion in furnace by neural networks	Mrs. Bhavya A. B.	48	47	47	48	Handwritten
	RAJESH KUMAR J	IDB19EC102			48	48	49	49	

15	RASHMI S	IDB19EC105	Unmanned vehicle speed detection, alcohol detection and density based traffic control	Dr Chandrashekar N. S	48	47	47	48	
	SAKSHI DAMODAR UMARJI	IDB19EC111			48	47	47	48	
	SHRUTI SHETTY S	IDB19EC119			48	47	47	48	
	SURAJ S	IDB19EC128			48	47	47	48	
16	SUSHMITLA R	IDB19EC129	In pipe Leakage Detection Robot	Mrs. Shwetha M.	49	49	49	49	
	VAIBHAV R	IDB19EC132			49	49	49	49	
	VAISHNAVI H N	IDB19EC133			49	49	49	49	
	YASHWANTH M P	IDB19EC143			49	49	49	49	
17	KISHORE V	IDB19EC066	Design and analysis of low power CMOS Comparators using 90nm Technology	Mrs. Shruthi G.	46	47	46	47	
	KUMUDHA L	IDB19EC067			46	47	46	47	
	PREMA B G	IDB19EC095			46	46	46	46	
	SRIHARI R	IDB19EC123			45	45	46	46	
18	KUSHAL GOWDA G	IDB19EC068	Automated smart robot library management system	Mrs. Mahadevi S Manur	40	40	49	43	
	VENKATACHALANAIDU R	IDB19EC134			30	29	30	30	
	THILAK K	IDB19EC131			30	29	30	30	
	SAKSHI SURESH JADHAV	IDB20EC400			40	40	40	40	
19	MOHAMMED ANIS	IDB19EC076	IOT based Vehicle accident detection system	Mr. C. Y. Gopinath	45	46	45	46	
	RANJAN R	IDB19EC104			40	41	45	42	
	SANNIDHI H B	IDB19EC114			40	41	46	43	
	YASHAS S	IDB19EC142			40	41	42	41	
20	PRERANA JAIN	IDB19EC096	Smart Glasses for Paralyzed Patients	Dr. Jai Prakash Prasad	48	48	47	48	
	RAHIL AHMED	IDB19EC100			48	48	46	48	
	VINAY C	IDB19EC137			48	48	45	47	
21	BHOOMIKA S	IDB19EC023	IOT Based smart security system for building using vehicle number plate recognition system	Mrs. Babitha S.	49	49	49	49	
	BRUNDA R	IDB19EC024			50	49	49	50	
	KAVYA R	IDB19EC061			49	49	49	49	
	LAVANYA GM	IDB19EC070			49	49	49	49	
22	RADHIKA S	IDB19EC099	Multiple disease prediction system using machine learning in python	Mrs. Bhavya A. B.	49	49	48	49	
	SUMATI MS	IDB19EC126			48	48	47	48	
	SUPRIYA M	IDB19EC127			47	47	48	48	



23	REETHA N M	IDB19EC106	smart vehic security using biometric and WIFI module authentication	Mrs. Shwetha B. V	46	46	46	46	
	SAHANA S	IDB19EC110			46	46	46	46	
	SNEHA M	IDB19EC121			46	46	46	46	
	SHRUTHI S	IDB19EC120			46	46	46	46	
24	MONISHA R	IDB19EC079	Design and trust oriented analysis of instruction detection system in MANETS	Mrs. Shwetha B. V	43	44	44	44	
	PREETHI N	IDB19EC093			43	44	44	44	
	PRIYA V	IDB19EC097			43	44	44	44	
	CHAITANYA S	IDB19EC026	IOT -enabled shipping container with environment monitoring and location tracking	Mr. Suresha H S	45	42	43	44	
25	CHANDANA D	IDB19EC029			45	43	43	44	
	DIVYASHREE B	IDB19EC042			45	43	44	44	
	MANOJ S R	IDB19EC073			47	45	45	46	
	PRADYUMNYA K G	IDB19EC091	Prediction of disease using machine learning	Dr. Chandrashekar N. S	47	45	45	46	
26	SANJITH KUMAR	IDB19EC113			47	45	45	46	
	VIDETHA U M	IDB19EC135			47	45	45	46	
	MAMATHA BM	IDB19ET002	Design and implementation of 16*16 multiplier using Vedic mathematics	Mrs. Nandini A.S	42	40	45	43	
	SHOBITHA P	IDB19ET004			43	42	45	44	
27	TEJASHWINI PATIL	IDB19ET005			42	41	47	44	
	ANJUNA A	IDB19EC010	Text summarization using Neural networks	Mrs. Roopa B. S	48	48	48	48	
	BHAVANA	IDB19EC021			45	44	45	45	
	CHINMAYI R	IDB19EC033			48	48	48	48	
28	HIMABINDU B C	IDB19EC052			48	48	48	48	
	KUSUMA S JAIRANT	IDB19EC069	High performance CMOS controlled Oscillator	Mr. Suresha H S	47	46	46	47	
	NAGADEERAJ PS	IDB19EC081			48	48	48	48	
	SUDEEP R	IDB19EC124	Automatic Exhaust Fan	Dr. Sharanabasappa	46	49	48	48	
29	SYED IKRAM	IDB19EC130			42	42	42	42	
	YASHAS H S	IDB19EC140			42	42	42	42	
	YASHAS R V	IDB19EC141			42	42	42	42	
	ABHEER PATIL	IDB19EC001	Deep Learning techniques for Obstacle detection and avoidance in driverless cars	Mrs. Babitha S.	49	49	48	49	
30	BG TEJAS	IDB19EC013			49	48	47	48	
	BS JAYANTH	IDB19EC014			50	49	47	50	
	C SHREYAS	IDB19EC025			49	49	48	49	
	PREKSHA H JAIN	IDB19EC094	Advanced military SPY ROBOT and BOMB disposal	Dr. A. N. Maheswarappa	48	47	47	48	
31	PRIYANKA RY	IDB19EC098			47	47	47	47	



33	ABHISHEK N	IDB19EC002	wireless power transmission to electric vehicle	Mr. YOGESH G	44	47	44	45	
	BHARATH MK	IDB19EC017			44	46	47	46	
	K MANJUNATH	IDB19EC059			45	45	46	46	
	CHANDAN S	IDB19EC028			45	46	46	46	
34	B S RAKSHITHA	IDB19EC015	Implementation of crop protection system against wild animal attack	Mr. Kishore Kumar	47	47	45	47	
	CHAITHRA M H	IDB19EC027			47	47	45	47	
	DEEKSHITH B M	IDB19EC037			47	47	45	47	
	BHARATH P R	IDB19EC018			47	47	45	47	
35	ABHISHEK P D	IDB19EC003	OTP based cardless Transaction using ATM	Mrs. Pavithra H. V.	45	44	44	45	
	BHAVANA B	IDB19EC022			45	44	44	45	
	CHIRAG M	IDB19EC034			45	44	44	45	
	JAGDISH L	IDB19EC055			45	44	44	45	
36	J TARUN	IDB19EC054	smart hand gesture generator	Mrs. Soujanya A. P	49	49	49	49	
	MADHUKUMAR P N	IDB19EC072			49	49	49	49	
	RAHUL CHANDRASHEKAR	IDB19EC101			30	29	30	30	
	SHASHIDHARA D	IDB19EC116			49	49	49	49	
37	DHANUSH M	IDB19EC0039	IOT based smart prepaid energy Meter	Mrs. Mahadevi S Manur	46	46	46	46	
	DIVYASHREE N	IDB19EC043			47	46	47	47	
	HARSHITHA P	IDB19EC048			49	49	50	50	
	RUCHITHA V A	IDB19EC108			49	49	49	49	
38	SHILPA LAMANI	IDB19EC117	Camouflage ROBOT for military Applications	Mrs. Lakshmidevi T. R	49	49	49	49	
	SHILPA Y	IDB19EC118			49	49	49	49	
	SHASHANK N	IDB20EC402			49	49	49	49	
	ISHA SHANKAR G	IDB19EC053			47	47	47	47	
39	KAMASANI UHA	IDB19EC060	Smart security based automated safe deposit locker	Dr. Akash M. J	46	46	46	46	
	RAKSHITH R	IDB19EC103			42	42	42	42	
	S M VAISHNAVI	IDB19EC109			49	49	49	49	
	OMKARI PADMANABHA	IDB19EC088			46	46	45	46	
40	WILSON N	IDB19EC139	Design and Implementation of Booth Multiplier	Mrs. Soujanya A. P.	48	48	47	48	
	PAVITHRA E	IDB20EC401			49	49	48	49	
	VISHNU VIJAY A N	IDB20EC403			48	48	47	48	



41	ABHISHEK GOWDA V	IDB18EC002	Fight legged Spider using Aurdino	Mrs. Shwetha M.	49	49	49	49	49
	KRUTHIK M V	IDB18EC061			49	49	49	49	
	NANDESH A R	IDB18EC080			49	49	49	49	
	PRANAV G	IDB18EC096			49	49	49	49	
42	YASHU PRAJWAL NAG D	IDB17TE030	Forest fire alerting system with GPS Co-ordinates using IOT	Mr. Shashiranjani	40	40	40	40	40
	RUTWIK R HEGDE	IDB18TE011			38	38	38	38	

**Project Coordinators:**

Mr. Suresha H. S.

Mrs. Lakshmidevi T R *Lakshmi*

*tsb*  
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**Professor & H.O.D.**

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**Samabalagedu, BANGALORE-560 074**

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

AY 2022-23 Final Year Project Group Details  
PROJECT PHASE-1 REVIEW-2 MARKS








Date-08-12-2022

Project Group No.	Project Associates	USN	Title of the project	Guide	Guide marks	Panel Member-1 marks	Panel Member-2 marks	Phase -1 review-2 marks	Signature
1	AFREEN TAJ	IDB19EC004	voice controlled automatic vacuum cleaner	Dr. Akashath M. J	48	48	48	48	
	BHARGAVI AGNIHOTRI	IDB19EC019			49	49	49	49	
	KAVYA K	IDB19EC058			49	49	49	49	
	KAVYA S HALLUR	IDB19EC062			49	49	49	49	
2	AISHWARYA K M	IDB19EC005	Design of wireless monitoring system for detection of parkinson's disease using machine learning.	Mrs. Rashmi K. T.	49	49	49	49	
	AMRITHA PRIYA A	IDB19EC007			49	49	49	49	
	ARPITHA P	IDB19EC011			49	49	49	49	
	HEMASHREE R	IDB19EC051			49	49	49	49	
3	KEERTHAN R MATHAD	IDB19EC063	Text Recognition extraction and conversion to speech using deep learning	Mrs. Rashmi K. T.	49	49	49	49	
	NAMITHA S R	IDB19EC082			49	49	49	49	
	NAYANA M	IDB19EC086			49	49	49	49	
	P P HAEMNATH	IDB19EC089			48	48	48	48	
4	MALLANGOUDA S PATIL	IDB19ET001	IOT Based smart parking using RFID, Barcode system and pre slot Booking	Dr. Jai Prakash Prasad	47	45	46	46	
	PAVAN J	IDB19ET003			47	45	46	46	
5	LAVANYA N	IDB19EC071	A comparative and Performance Evaluation of 6T and &T SRAM Cells in 180nm Technology	Mrs. Tejaswini M. L.	50	50	50	50	
	N M NAYANA	IDB19EC080			48	48	48	48	
	NAMRATHA M	IDB19EC083			49	49	49	49	
	POORNIMA S	IDB19EC090			49	49	49	49	



6	DHARSHANIKA A N	IDB19EC040	Intelligence Packing System	Mrs. Pavithra H. V.	47	47	47	47	47	
	DIVYA R VAIDYA	IDB19EC041			47	47	47	47	47	
	HARINI S M	IDB19EC046			47	47	47	47	47	
	HEERA N	IDB19EC050			47	47	47	47	47	
7	KISHAN P S	IDB19EC065	Physical design and comparative analysis of multiplexers using CADENCE 90nm Technology	Mrs. Lakshmi devi T. R.	49	49	49	49	49	
	MOHAMMED ATIQUE	IDB19EC077			50	50	50	50	50	
	NUTHAN Y J	IDB19EC087			50	50	50	50	50	
	PRAMODH H R	IDB19EC092			50	50	50	50	50	
8	KIRAN G M	IDB19EC064	Intruder alert and photo capture, GSM alert security system	Mrs. SWETHA K	47	47	47	47	47	
	MOHAN M	IDB19EC078			45	45	45	45	45	
	NAMRATHA S	IDB19EC084			47	47	47	47	47	
	NANDITHA H	IDB19EC085			45	45	45	45	45	
9	BHARAT V G	IDB19EC016	Design and implementation of 32-bit RISC V processor using CADENCE	Dr. Sharanabasappa	48	48	48	48	48	
	SANJAY GOWDA M D	IDB19EC112			48	48	48	48	48	
	SATHYA R	IDB19EC115			48	48	48	48	48	
	SUDHANVA N PRASAD	IDB19EC125			48	48	48	48	48	
10	AMRUTH S	IDB19EC008	3D Printer using ARDUINO and driver board	Dr. Bhagya P.	38	38	38	38	38	
	HEBBARE SUMEET SHREEDHAR	IDB19EC049			38	38	38	38	38	
	JAYANTH SHUKLA	IDB19EC057			38	38	38	38	38	
	VIKAS M A	IDB19EC136			38	38	38	38	38	
11	ANANYA V	IDB19EC009	Smart blind stick	Dr. Bhagya P.	49	49	49	49	49	
	CHANDANA N	IDB19EC030			49	49	49	49	49	
	SOUNDARYA A M	IDB19EC122			49	49	49	49	49	
	CHIRANJEEVI C M	IDB19EC035			49	49	49	49	49	
12	GAANA S KUMAR	IDB19EC045	Design of 5G Antenna	Mrs. Shubha G. N.	47	47	47	47	47	
	HARSHITA B	IDB19EC047			48	48	48	48	48	
	JAYANTH C	IDB19EC056			49	49	49	49	49	












13	AKASH R	IDB19EC006	Aerial Agri-Cides using kinesics	Mr. Shashiranjana	47	47	47	48	48	
	BHASKAR M	IDB19EC020			48	48	48	48	48	
	DARSHAN P	IDB19EC036			48	48	48	48	48	
	DEEPAK L	IDB19EC038			48	48	48	48	48	
14	ARUN SUBRAM M	IDB19EC012	Industrial boiler monitoring using IOT & optimization of combustion in furnace by neural networks	Mrs. Bhavya A. B.	49	49	49	48	49	
	CHETHAN M	IDB19EC031			49	49	49	49	49	
	CHETHAN M R	IDB19EC032			48	47	47	47	48	
	RAJESH KUMAR J	IDB19EC102			48	48	48	49	49	
15	RASHMI S	IDB19EC105	Unmanned vehicle speed detection, alcohol detection and density based traffic control	Dr. Chandrashekar N. S.	47	47	47	47	47	
	SAKSHI DAMODAR UMARJI	IDB19EC111			47	47	47	47	47	
	SHRUSTI SHETTY S	IDB19EC119			47	47	47	47	47	
	SURAJ S	IDB19EC128			47	47	47	47	47	
16	SUSHMITHA R	IDB19EC129	In pipe Leakage Detection Robot	Mrs. Shwetha M.	49	49	49	49	49	
	VAIBHAV R	IDB19EC132			49	49	49	49	49	
	VAISHNAVI H N	IDB19EC133			49	49	49	49	49	
	YASHWANTH M P	IDB19EC143			49	49	49	49	49	
17	KISHORE V	IDB19EC066	Design and analysis of low power CMOS Comparators using 90nm Technology	Mrs. Shruthi G.	47	47	47	46	47	
	KUMUDEHA L	IDB19EC067			46	46	46	45	46	
	PREMA B G	IDB19EC095			46	46	46	45	46	
	SRIHARI R	IDB19EC123			46	46	46	45	46	
18	KUNHAL GOWDA G	IDB19EC068	Automated smart robot library management system	Mrs. Mahadevi S Manur	30	29	29	29	30	
	VENKATACHALANAI DU R	IDB19EC134			30	29	29	29	30	
	THILAK K	IDB19EC131			30	29	29	29	30	
	SAKSHI SURESH JADHAV	IDB20EC400			35	35	35	37	36	
19	MUHAMMED ANIS	IDB19EC076	IOT based Vehicle accident detection system	Mr. C. Y. Gopinath	45	46	46	45	46	
	RANJAN R	IDB19EC104			45	46	46	46	46	
	SANNIDHI H B	IDB19EC114			45	45	45	45	45	
	YASHAS S	IDB19EC142			45	46	46	46	46	
20	PREERANA JAIN	IDB19EC096	Smart Glasses for Paralyzed Patients	Dr. Jai Prakash Prasad	47	45	45	46	46	
	RAHIL AHMED	IDB19EC100			45	46	46	46	46	
	VINAY C	IDB19EC137			46	45	45	45	46	



21	BHOOMIKA S	IDB19EC023	IoT Based smart security system for building using vehicle number plate recognition system	Mrs. Babitha S.	48	48	48	48	48	✓
	BRUNDA R	IDB19EC024			50	50	49	50	49	
	KAVYA R	IDB19EC061			48	48	49	49	49	
22	LAVANYA GM	IDB19EC070	Multiple disease prediction system using machine learning in python	Mrs. Bhavya A. B.	48	47	48	48	48	✓
	RADHIKA S	IDB19EC099			47	48	48	48	48	
	SUMATI MS	IDB19EC126			47	47	47	47	47	
	SUPRIYA M	IDB19EC127			47	47	48	48	48	
23	REETHA N M	IDB19EC106	smart vehicle security using biometric and WIFI module authentication	Mrs. Shwetha B. V.	45	45	45	45	45	✓
	SAHANA S	IDB19EC110			45	45	45	45	45	
	SNEHA M	IDB19EC121			45	45	45	45	45	
	SHRUTHI S	IDB19EC120			45	45	45	45	45	
24	MONISHA R	IDB19EC079	Design and trust oriented analysis of instruction detection system in MANETS	Mrs. Shwetha B. V.	45	45	44	44	45	✓
	PREETHI N	IDB19EC093			45	45	44	44	45	
	PRIYA V	IDB19EC097			45	45	44	44	45	
	CHAITANYA S	IDB19EC026			47	47	46	46	47	
25	CHANDANA D	IDB19EC029	IoT-enabled shipping container with environment monitoring and location tracking	Mr. Suresha H.S.	46	46	46	46	46	✓
	DIVYASHREE B	IDB19EC042			46	46	46	46	46	
	MANOJ S R	IDB19EC073			46	46	46	46	46	
	PRADYUMNYA K G	IDB19EC091			47	48	48	48	48	
26	SANJITH KUMAR	IDB19EC113	Prediction of disease using machine learning	Dr. Chandrashekar N. S.	47	47	47	47	47	✓
	VIJETHA U M	IDB19EC135			46	46	46	46	46	
	MAMATHA BM	IDB19ET002			38	40	39	39	39	
	SHOBITHA P	IDB19ET004			41	40	42	42	41	
27	TEJASHWINI PATIL	IDB19ET005	Design and implementation of 16*16 multiplier using Vedic mathematics	Mrs. Nandini A.S.	38	40	39	39	39	✓
	ANUJNA A	IDB19EC010			48	47	48	48	48	
	BHAVANA	IDB19EC021			47	46	47	47	47	
	CHINMAYI R	IDB19EC033			48	47	48	48	48	
28	HIMABINDU B C	IDB19EC052	Text summarization using Neural networks	Mrs. Roopa B. S.	49	48	49	49	49	✓
	KUSUMA S JAİKANT	IDB19EC069			48	48	48	48	48	
	NAGADEERAJ PS	IDB19EC081			48	48	48	48	48	
29			A high performance CMOS controlled Oscillator	Mr. Suresha H.S.	48	48	48	48	48	✓
					48	48	48	48	48	
					48	48	48	48	48	



30	SUDEEP R	IDB19EC124	Automatic Exhaust Fan	Dr. Sharanabasappa	45	45	45	45	45	
	SYED IKRAM	IDB19EC130			45	45	45	45	45	
	YASHAS H S	IDB19EC140			45	45	45	45	45	
	YASHAS R V	IDB19EC141			45	45	45	45	45	
31	ABHEER PATIL	IDB19EC001	Deep Learning techniques for Obstacle detection and avoidance in driverless cars	Mrs. Babitha S.	48	48	49	49	49	
	BG TEJAS	IDB19EC013			48	48	49	49	49	
	BS JAYANTH	IDB19EC014			50	49	50	50	50	
	C SHREYAS	IDB19EC025			48	48	49	49	49	
32	PREKSHA H JAIN	IDB19EC094	Advanced military SPY ROBOT and BOMB disposal	Dr. A. N. Maheswarappa	48	48	48	48	48	
	PRIVANKA RY	IDB19EC098			48	48	48	48	48	
33	ABHISHEK N	IDB19EC002	wireless power transmission to electric vehicle	Mr. YOGESH G	42	43	42	42	43	
	BHARATH MK	IDB19EC017			43	42	44	44	43	
	K MANJUNATH	IDB19EC059			44	43	41	41	43	
	CHANDAN S	IDB19EC028			43	42	41	41	42	
34	B S RAKSHITHA	IDB19EC015	Implementation of crop protection system against wild animal attack	Mr. Kishore Kumar	48	48	48	48	48	
	CHAITHRA M H	IDB19EC027			48	48	48	48	48	
	DEEKSHITH B M	IDB19EC037			48	48	48	48	48	
	BHARATH P R	IDB19EC018			48	48	48	48	48	
35	ABHISHEK P D	IDB19EC003	OTP based cardless Transaction using ATM	Mrs. Pavithra H. V.	45	45	45	45	45	
	BHAVANA B	IDB19EC022			45	45	45	45	45	
	CHIRAG M	IDB19EC034			45	45	45	45	45	
	JAGDISH L	IDB19EC055			45	45	45	45	45	
36	J TARUN	IDB19EC054	smart hand gesture generator	Mrs. Soujanya A. P.	49	49	49	49	49	
	MADHUKUMAR P N	IDB19EC072			49	49	49	49	49	
	RAHUL CHANDRASHEKAR	IDB19EC101			30	29	30	30	30	
	SHASHIDHARA D	IDB19EC116			49	49	49	49	49	
37	DHANUSH M	IDB19EC0039	IOT based smart prepaid energy Meter	Mrs. Mahadevi S Manur	49	47	47	47	48	
	DIVYASHREE N	IDB19EC043			49	48	48	48	49	
	HARSHITHA P	IDB19EC048			49	50	49	49	50	
	RUCHITHA V A	IDB19EC108			49	49	49	49	49	
38	SHILPA LAMANI	IDB19EC117	Camouflage ROBOT for military Applications	Mrs. Lakshmi Devi T. R.	49	49	49	49	49	
	SHILPA Y	IDB19EC118			49	49	49	49	49	
	SHASHANK N	IDB20EC402			49	49	49	49	49	



39	ISHA SHANKAR G	IDB19EC053	Smart security based automated safe deposit locker	Dr. Akshath M. J	48	48	48	48	48	
	KAMASANI UHA	IDB19EC060			47	47	47	47	47	
	RAKSHITH R	IDB19EC103			44	44	44	44	44	
	S M VAISHNAVI	IDB19EC109			49	49	49	49	49	
	OMKARI PADMANABHA	IDB19EC088			46	46	46	45	46	
40	WILSON N	IDB19EC139	Design and Implementation of Booth Multiplier	Mrs. Soujanya A. P.	48	48	48	48	48	
	PAVITHRA E	IDB20EC401			49	49	49	48	49	
	VISHNU VIJAY A N	IDB20EC403			48	48	48	48	48	
	ABHISHEK GOWDA V	IDB18EC002			49	49	49	49	49	
41	KRUTHIK M V	IDB18EC061	Eight legged Spider using Aurdino	Mrs. Shwetha M.	49	49	49	49	49	
	NANDEESH A R	IDB18EC080			49	49	49	49	49	
	PRANAV G	IDB18EC096			49	49	49	49	49	
	YASHU PRAJWAL NAG D	IDB17TE030			40	40	40	40	40	
42	RUTWIK R HEGDE	IDB18TE011	Forest fire alerting system with GPS Co-ordinates using IOT	Mr. Shashikiranjan	38	38	38	38	38	

**Project Coordinators:**

Mr. Suresha H. S.

Mrs. Lakshmidevi T R

HOD-ECE

**Professor B. H. O. D.**

**Dept. of Electronics & Communication**

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**Chambalagodu RANGALORE-580 090**

**DON BOSCH INSTITUTE OF TECHNOLOGY, BANGLORE**  
Department of Electronics and Communication Engineering

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

Project Group No.	Project Associates	USN	Title of the project	Guide	Phase - I review - I marks	Phase - I review - 2 marks	FINAL MARKS	Signature
1	AFREEN TAJ	IDB19EC004	voice controlled automatic vacuum cleaner	Dr Akashath M J	49	48	97	
	BHARGAVI AGNIHOTRI	IDB19EC019			49	49	98	
	KAVYA K	IDB19EC058			49	49	98	
	KAVYA S HALLUR	IDB19EC062			49	49	98	
2	AISHWARYA K M	IDB19EC005	Design of wireless monitoring system for detection of parkinson's disease using machine learning	Mrs. Rashmi K T	49	49	98	
	AMRITHA PRIYA A	IDB19EC007			49	49	98	
	ARPITHA P	IDB19EC011			49	49	98	
	HEMASHREE R	IDB19EC051			49	49	98	
3	KEERTHAN R MATHAD	IDB19EC063	Text Recognition extraction and conversion to speech using deep learning	Mrs. Rashmi K T	49	49	98	
	NAMITHA S R	IDB19EC082			49	49	98	
	NAYANA M	IDB19EC086			49	49	98	
	P P HAEMNATH	IDB19EC089			48	48	96	
4	MALLANGOUDA S PATIL	IDB19ET001	IOT Based smart parking using RFID, Barcode system and pre slot Booking	Dr. Jai Prakash Prasad	46	46	92	
	PAVAN J	IDB19ET003						
5	LAVANYA N	IDB19EC071	A comparative and Performance Evaluation of 6T and 8T SRAM Cells in 180nm Technology	Mrs. Tejaswini M L	46	46	92	
	N M NAYANA	IDB19EC080			50	50	100	
	NAMRATHA M	IDB19EC083			48	48	96	
	POORNIMA S	IDB19EC090			49	49	98	
6	DHARSHANIK A N	IDB19EC040	Intelligence Packing System	Mrs. Pavithra H V	49	49	98	
	DIVYA R VAIDYA	IDB19EC041			48	47	95	
	HARINI S M	IDB19EC046			48	47	95	
	HEERA N	IDB19EC050			48	47	95	
7	KISHAN P S	IDB19EC065	Physical design and comparative analysis of multiplexers using CADENCE 90nm Technology	Mrs. Lakshmidevi T. R	49	49	98	
	MOHAMMED ATIQUE	IDB19EC077			50	50	100	
	NUTHAN Y J	IDB19EC087			50	50	100	
	PRAMODH H R	IDB19EC092			50	50	100	







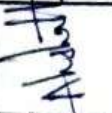



8	KARAN G M	IDB19EC064	Intruder alert and photo capture, GSM alert security system	Mrs SWETHA K	45	47	92	
	MOHAN M	IDB19EC078			44	45	89	
	NAMRATHA S	IDB19EC084			44	47	91	
	NANDITHA H	IDB19EC085			44	45	89	
9	RIHARAT V G	IDB19EC016	Design and implementation of 32-bit RISC V processor using CADENCE	Dr Sharanabasappa	48	48	96	
	SANJAY GOWDA M D	IDB19EC112			48	48	96	
	SATHYA R	IDB19EC115			48	48	96	
	SURESH K N PRASAD	IDB19EC125			48	48	96	
10	AMRUTH S	IDB19EC008	3D Printer using ARDUINO and driver board	Dr Bhagya P	38	38	76	
	HEBHARE SUMEET SHREEDHAR	IDB19EC049			38	38	76	
	JAYANTHI SHUKLA	IDB19EC057			38	38	76	
	VIKAS M A	IDB19EC136			38	38	76	
11	ANANYA V	IDB19EC009	Smart blind stick	Dr Bhagya P	49	49	98	
	CHANDANA N	IDB19EC030			49	49	98	
	SURENDHARA A M	IDB19EC122			49	49	98	
12	CHIRANJEEVI C M	IDB19EC035	Design of 5G Antenna	Mrs Shubha G N	49	49	98	
	GAANA S KUMAR	IDB19EC045			48	47	95	
	HARSHITA B	IDB19EC047			49	48	97	
	JAYANTHI C	IDB19EC056			49	49	98	
13	AKASH R	IDB19EC006	Aerial Agri-Cides using kinesics	Mr Shashikiranjan	49	48	97	
	SHAKSHAR M	IDB19EC020			50	48	98	
	DARSHAN P	IDB19EC036			49	48	97	
	JEEPAK L	IDB19EC038			48	48	96	
14	ARJUN SUBHAN M	IDB19EC012	Industrial boiler monitoring using IoT & optimization of combustion in furnace by neural networks	Mrs Bhavya A B	48	49	97	
	KIRITHAN M	IDB19EC031			49	49	98	
	KIRITHAN M R	IDB19EC032			48	48	96	
	RAJESH KUMAR J	IDB19EC102			49	49	98	
15	RAJSHREE S	IDB19EC105	Unmanned vehicle speed detection, alcohol detection and density based traffic control	Dr Chandrashekar N S	48	47	95	
	NAKSHAT GARGADAR UMARJI	IDB19EC111			48	47	95	
	SHREYAS S SURETTY S	IDB19EC119			48	47	95	
	SHRADDHA S	IDB19EC128			48	47	95	

16	SUSHMITHA R	IDB19EC129	In pipe Leakage Detection Robot	Mrs Shwetha M	49	43	98	
	VAIBHAV R	IDB19EC131			49	49	98	
	VAISHNAVI H N	IDB19EC133			49	49	98	
	YASHWANTH M P	IDB19EC143			49	49	98	
17	KISHORE V	IDB19EC066	Design and analysis of low power CMOS Comparators using 0.18um Technology	Mrs Shwetha G	47	47	94	
	KUMUDHA L	IDB19EC067			47	46	93	
	PREMA B G	IDB19EC095			46	46	92	
	SRIHARI R	IDB19EC123			46	46	92	
18	KUSHAL GOWDA G	IDB19EC068	Automated smart robot library management system	Mrs Mahadevi S Manur	43	30	73	
	VENKATACHALANAIDU R	IDB19EC134			30	30	60	
	THILAK K	IDB19EC131			30	30	60	
	SAKSHI SURESH JADHAV	IDB20EC400			40	36	76	
19	MOHAMMED ANIS	IDB19EC076	IoT based Vehicle accident detection system	Mr C V Gopinath	46	46	92	
	RANJAN R	IDB19EC104			42	46	88	
	SANNIDHI H B	IDB19EC114			43	45	88	
	YASHAS S	IDB19EC142			41	46	87	
20	PRERANA JAIN	IDB19EC096	Smart Glasses for Paralyzed Patients	Dr Jai Prakash Prasad	48	46	94	
	RAHIL AHMED	IDB19EC100			48	46	94	
	VINAY C	IDB19EC137			47	46	93	
21	BHOOMIKA S	IDB19EC023	IoT Based smart security system for building using vehicle number plate recognition system	Mrs Babitha S	49	48	97	
	BRUNDA R	IDB19EC024			50	50	100	
	KAVYA R	IDB19EC061			49	49	98	
22	LAVANYA GM	IDB19EC070	Multiple disease prediction system using machine learning in python	Mrs Bhavya A B	49	48	97	
	RADHIKA S	IDB19EC099			49	48	97	
	SUMATI MS	IDB19EC126			48	47	95	
	SUPRIYA M	IDB19EC127			48	48	96	
23	REETHA N M	IDB19EC106	smart vehicle security using biometric and WIFI module authentication	Mrs Shwetha B V	46	45	91	
	SAHANA S	IDB19EC110			46	45	91	
	SNEHA M	IDB19EC121			46	45	91	
	SHRUTHI S	IDB19EC120			46	45	91	



24	MONISHA R	IDB19EC079	Design and trust oriented analysis of instruction detection system MANE TS	Mrs Shwetha B V	44	45	89	✓
	PREETHI N	IDB19EC097			44	45	89	
	PRIYA V	IDB19EC026			44	45	89	
25	CHAITANYA S	IDB19EC029	IoT-enabled shipping container with environment monitoring and location tracking	Mr Suresha H S	44	47	91	
	CHANDANA D	IDB19EC042			44	46	90	
	DIVYASHREE B	IDB19EC073			44	46	90	
26	MANOJ S R	IDB19EC091	Prediction of disease using machine learning	Dr Chandrashekar N S	46	46	92	ABH
	PRADYUMNYA K G	IDB19EC113			46	48	94	
	SANJITH KUMAR	IDB19EC135			46	47	93	
	VIJETHA U M	IDB19ET002			46	46	92	
27	MAMATHA BM	IDB19ET004	Design and implementation of 16*16 multiplier using Vedic mathematics	Mrs Nandini A S	43	39	82	
	SHOBITHA P	IDB19ET005			44	41	85	
	TEJASWINI PATIL	IDB19EC010			44	39	83	
28	ANJUNA A	IDB19EC021	Text summarization using Neural networks	Mrs Roopa B S	48	48	96	
	BHAVANA	IDB19EC033			45	47	92	
	CHINMAYI R	IDB19EC052			48	48	96	
	HIMABINDU B C	IDB19EC069			48	49	97	
29	KUSUMA S JAIKANT	IDB19EC081	High performance CMOS controlled Oscillator	Mr Suresha H S	47	48	95	
	NAGADEERAJ PS	IDB19EC124			48	48	96	
30	SUDEEP R	IDB19EC130	Automatic Exhaust Fan	Dr Sharanabasappa	48	45	93	✓
	SYED IKRAM	IDB19EC140			42	45	87	
	YASHAS H S	IDB19EC141			42	45	87	
	YASHAS R V	IDB19EC001			42	45	87	
31	ABHEER PATIL	IDB19EC013	Deep Learning techniques for Obstacle detection and avoidance in driverless cars	Mrs Babitha S	49	49	98	
	BG TEJAS	IDB19EC014			48	49	97	
	BS JAYANTH	IDB19EC025			50	50	100	
	C SHREYAS	IDB19EC094			49	49	98	
32	PREKSHA H JAIN	IDB19EC098	Advanced military SPY ROBOT and BOMB disposal	Dr. A. N Maheswarappa	48	48	96	hsh
	PRIYANKA RY				47	48	95	

33	ABHISHEK N	IDB19EC002	wireless power transmission to electric vehicle	Mr YOGESH G	45	43	88	
	BIHARATH MK	IDB19EC001			46	43	89	
	K MANJUNATH	IDB19EC059			46	43	89	
	CHANDAN S	IDB19EC028			46	42	88	
34	B S RAKSHITHA	IDB19EC015	Implementation of crop protection system against wild animal attack	Mr Kushore Kumar	47	48	95	
	CHAITHRA M H	IDB19EC027			47	48	95	
	DEEKSHITH B M	IDB19EC037			47	48	95	
	BIHARATH P R	IDB19EC018			47	48	95	
35	ABHISHEK P D	IDB19EC003	OTP based cardless Transaction using ATM	Mrs Pavithra H V	45	45	90	
	BHAVANA B	IDB19EC022			45	45	90	
	CHIRAG M	IDB19EC034			45	45	90	
	JAGDISH L	IDB19EC055			45	45	90	
36	J TARUN	IDB19EC054	smart hand gesture generator	Mrs Soujanya A P	49	49	98	
	MADHUKUMAR P N	IDB19EC072			49	49	98	
	RAHUL CHANDRASHEKAR	IDB19EC101			30	30	60	
	SHASHIDHARA D	IDB19EC116			49	49	98	
37	DHANUSH M	IDB19EC0039	IOT based smart prepaid energy Meter	Mrs Mahadevi S Manur	46	48	94	
	DIVYASHREE N	IDB19EC043			47	49	96	
	HARSHITHA P	IDB19EC048			50	50	100	
38	RUCHITHA V A	IDB19EC108	Camouflage ROBOT for military Applications	Mrs Lakshmi Devi T R	49	49	98	
	SHILPA LAMANI	IDB19EC117			49	49	98	
	SHILPA Y	IDB19EC118			49	49	98	
	SHASHANK N	IDB20EC402			49	49	98	
39	ISHA SHANKAR G	IDB19EC053	Smart security based automated safe deposit locker	Dr Akashath M J	47	48	95	
	KAMASANI UHA	IDB19EC060			46	47	93	
	RAKSHITH R	IDB19EC103			42	44	86	
	S M VAISHNAVI	IDB19EC109			49	49	98	
40	OMKARI PADMANABHA	IDB19EC088	Design and Implementation of Booth Multiplier	Mrs Soujanya A P	46	46	92	
	WILSON N	IDB19EC139			48	48	96	
	PAVITHRA E	IDB20EC401			49	49	98	
	VISHNU VIJAY A N	IDB20EC403			48	48	96	



41	ABHISHEK GOWDA V	IDB18EC002	Eight legged Spider using Arduino	Mrs. Shwetha M	49	49	98	12
	KRUTHIK M V	IDB18EC006			49	49	98	
	NANDEESH A R	IDB18EC080			49	49	98	
	PRANAV G	IDB18EC096			49	49	98	
	YASHU PRAJWAL NAG D	IDB17TE030			40	40	80	
42	RUTWIK R HEGDE	IDB18TE011	Forest fire alerting system with GPS Co-ordinates using IOT	Mr. Shashikiranjan	38	38	76	12

**Project Coordinators:**

Mr. Suresha H. S.

Mrs. Lakshmidevi T R

*housh.1010*

*tsb*

HOD-ECE

**Professor & HOD**

**Dept. of Electronics & Communication Engineering**  
**2024-25**  
**10/11/2024**

DON BOSCO INSTITUTE OF TECHNOLOGY, BANGALORE

Branch : EC

Semester : 7

Sl NO	USN	18ECP78
1	1DB18EC002	98 ✓
2	1DB18EC061	98 ✓
3	1DB18EC080	98 ✓
4	1DB18EC096	98 ✓
5	1DB19EC001	98 ✓
6	1DB19EC002	88 ✓
7	1DB19EC003	90 ✓
8	1DB19EC004	97 ✓
9	1DB19EC005	98 ✓
10	1DB19EC006	97 ✓
11	1DB19EC007	98 ✓
12	1DB19EC008	76 ✓
13	1DB19EC009	98 ✓
14	1DB19EC010	96 ✓
15	1DB19EC011	98 ✓
16	1DB19EC012	97 ✓
17	1DB19EC013	97 ✓
18	1DB19EC014	100 ✓
19	1DB19EC015	95 ✓
20	1DB19EC016	96 ✓
21	1DB19EC017	89 ✓
22	1DB19EC018	95 ✓
23	1DB19EC019	98 ✓
24	1DB19EC020	98 ✓
25	1DB19EC021	92 ✓
26	1DB19EC022	90 ✓
27	1DB19EC023	97 ✓
28	1DB19EC024	100 ✓
29	1DB19EC025	98 ✓
30	1DB19EC026	91 ✓
31	1DB19EC027	95 ✓
32	1DB19EC028	88 ✓
33	1DB19EC029	90 ✓
34	1DB19EC030	98 ✓
35	1DB19EC031	98 ✓
36	1DB19EC032	96 ✓



SI NO.	USN	18ECP78
37	1DB19EC033	96 ✓
38	1DB19EC034	90 ✓
39	1DB19EC035	98 ✓
40	1DB19EC036	97 ✓
41	1DB19EC037	95 ✓
42	1DB19EC038	96 ✓
43	1DB19EC039	94 ✓
44	1DB19EC040	95 ✓
45	1DB19EC041	95 ✓
46	1DB19EC042	90 ✓
47	1DB19EC043	96 ✓
48	1DB19EC045	95 ✓
49	1DB19EC046	95 ✓
50	1DB19EC047	97 ✓
51	1DB19EC048	100 ✓
52	1DB19EC049	76 ✓
53	1DB19EC050	95 ✓
54	1DB19EC051	98 ✓
55	1DB19EC052	97 ✓
56	1DB19EC053	95 ✓
57	1DB19EC054	98 ✓
58	1DB19EC055	90 ✓
59	1DB19EC056	98 ✓
60	1DB19EC057	76 ✓
61	1DB19EC058	98 ✓
62	1DB19EC059	89 ✓
63	1DB19EC060	93 ✓
64	1DB19EC061	98 ✓
65	1DB19EC062	98 ✓
66	1DB19EC063	98 ✓
67	1DB19EC064	92 ✓
68	1DB19EC065	98 ✓
69	1DB19EC066	94 ✓
70	1DB19EC067	93 ✓
71	1DB19EC068	73 ✓
72	1DB19EC069	95 ✓
73	1DB19EC070	97 ✓
74	1DB19EC071	100 ✓
75	1DB19EC072	98 ✓

SI NO.	USN	18ECP78
76	1DB19EC073	92 ✓
77	1DB19EC076	92 ✓
78	1DB19EC077	100 ✓
79	1DB19EC078	89 ✓
80	1DB19EC079	89 ✓
81	1DB19EC080	96 ✓
82	1DB19EC081	96 ✓
83	1DB19EC082	98 ✓
84	1DB19EC083	98 ✓
85	1DB19EC084	91 ✓
86	1DB19EC085	89 ✓
87	1DB19EC086	98 ✓
88	1DB19EC087	100 ✓
89	1DB19EC088	92 ✓
90	1DB19EC089	96 ✓
91	1DB19EC090	98 ✓
92	1DB19EC091	94 ✓
93	1DB19EC092	100 ✓
94	1DB19EC093	89 ✓
95	1DB19EC094	96 ✓
96	1DB19EC095	92 ✓
97	1DB19EC096	94 ✓
98	1DB19EC097	89 ✓
99	1DB19EC098	95 ✓
100	1DB19EC099	97 ✓
101	1DB19EC100	94 ✓
102	1DB19EC101	60 ✓
103	1DB19EC102	98 ✓
104	1DB19EC103	86 ✓
105	1DB19EC104	88 ✓
106	1DB19EC105	95 ✓
107	1DB19EC106	91 ✓
108	1DB19EC108	98 ✓
109	1DB19EC109	98 ✓
110	1DB19EC110	91 ✓
111	1DB19EC111	95 ✓
112	1DB19EC112	96 ✓
113	1DB19EC113	93 ✓
114	1DB19EC114	88 ✓



Sl NO	USN	18ECP78
115	1DB19EC115	96 ✓
116	1DB19EC116	98 ✓
117	1DB19EC117	98 ✓
118	1DB19EC118	98 ✓
119	1DB19EC119	95 ✓
120	1DB19EC120	91 ✓
121	1DB19EC121	91 ✓
122	1DB19EC122	98 ✓
123	1DB19EC123	92 ✓
124	1DB19EC124	93 ✓
125	1DB19EC125	96 ✓
126	1DB19EC126	95 ✓
127	1DB19EC127	96 ✓
128	1DB19EC128	95 ✓
129	1DB19EC129	98 ✓
130	1DB19EC130	87 ✓
131	1DB19EC131	60 ✓
132	1DB19EC132	98 ✓
133	1DB19EC133	98 ✓
134	1DB19EC134	60 ✓
135	1DB19EC135	92 ✓
136	1DB19EC136	76 ✓
137	1DB19EC137	93 ✓
138	1DB19EC139	96 ✓
139	1DB19EC140	87 ✓
140	1DB19EC141	87 ✓
141	1DB19EC142	87 ✓
142	1DB19EC143	98 ✓
143	1DB20EC400	76 ✓
144	1DB20EC401	98 ✓
145	1DB20EC402	98 ✓
146	1DB20EC403	96 ✓

A-214

## DON BOSCO INSTITUTE OF TECHNOLOGY

Kumbalagodu, Mysore Road, Bengaluru - 560074

## Department of Electronics &amp; Communication Engineering

## Project Phase1 Review1 2022

Date: 03/11/2022

SLNO	Group No	Title	Guide	Domain for Implementations of Project	Base Paper Publication Year, Journal Name	No of pages	Any suggestions for improvements
1.	1	Voice Controlled Automatic Vacuum Cleaner	Dr. A. K. S. Srinivas	Embedded Systems	IEEE xplore 2020	5	Base paper not submitted
2.	39	Smart Security based Automated Safe deposit locker	Dr. A. K. S. Srinivas	Embedded Systems	IJSSR, 2016	5	iris recognition should be included
3.	40	Design & Implementation of Booth multiplier using Cadence	Dr. A. K. S. Srinivas	VLSI Design	2021	7	why booth multiplier Schematic diagram should be explained
4.	36	Smart Hand Gesture Generator	Dr. A. K. S. Srinivas	Embedded Systems	2020	7	Basepaper not submitted
5.	41	Eight legged spider using Arduino	Dr. A. K. S. Srinivas	Embedded Systems	2017	6	Informed students to implement more
6.	16	Robot based pipeline detection	Dr. A. K. S. Srinivas	Embedded Systems	2017	8	Good ppt and up to the marks



**DON BOSCO INSTITUTE OF TECHNOLOGY**  
Department of Electronics and Communication Engineering

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

Review 1  
Date: 3-11-2022

Course Name : PROJECT WORK PHASE I

Course Code: ISECP77

Project Batch No. : 1

Title of the Project :

*voice controlled automatic va curve changer*

USN	Name	Guide						Panel Member						Coordinator						HOD (Optional)						Average Marks				
		1						2						3						4										
		C1	C2	C3	C4	C5	C6	Total	C1	C2	C3	C4	C5	C6	Total	C1	C2	C3	C4	C5	C6	Total	C1	C2	C3		C4	C5	C6	Total
2DB19E004	AFREEN. TAJ	10	10	10	10	5	4	49	10	10	10	10	5	4	49	10	10	10	10	5	4	49	10	10	10	10	5	4	49	50
2DB19E019	BHARGAVI. V. A	10	10	10	10	5	4	49	10	10	10	10	5	4	49	10	10	10	10	5	4	49	10	10	10	10	5	4	49	
1DB19EC058	K. KAVYA	10	10	10	10	5	4	49	10	10	10	10	5	4	49	10	10	10	10	5	4	49	10	10	10	10	5	4	49	
2DB19EC062	KAVYA. S. HALLUR	10	10	10	10	5	4	49	10	10	10	10	5	4	49	10	10	10	10	5	4	49	10	10	10	10	5	4	49	

Signature of the Faculty	1. <i>Abhisath M.J</i>	2. <i>Sanjanya AP</i>	3. <i>Svettha M</i>	4. <i>MS</i>
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Name of The Guide	Signature
<i>Dr. AKSHATH M.J</i>	<i>Abhisath M.J</i>

Name of The Project Coordinator	Signature
<i>Sanjanya</i>	<i>MS</i>

*tsb*  
HOD

- C1 Motivation & Relevance    C2 Literature Survey    C3 Understanding Latest Technologies / Novelty    Applications to Society  
C4 Presentation    C5 Attitude & Behaviour    C6 Questions and Answer

**Professor & H.O.D**  
**Dept. of Electronics & Communication**  
**DON BOSCO INSTITUTE OF TECHNOLOGY**  
Bambalagudi HANGALORE-560 074

**DON BOSCO INSTITUTE OF TECHNOLOGY**  
Department of Electronics and Communication Engineering

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

Review 2

Date: 12/12/22

Course Name : PROJECT WORK PHASE I

Course Code: 18ECPT77

Project Batch No: 1

Title of the Project : *Voice controlled automatic Vacuum Cleaner*

USN	Name	Guide										Panel Member										Coordinator										HOD (Optional)										Average Marks																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
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Signature of the Faculty	1. Akshath M.J	2. <i>[Signature]</i>	3. <i>[Signature]</i>	4. <i>[Signature]</i>
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Name of The Guide	Signature
Dr. AKSHATH M.J	<i>[Signature]</i>

Name of The Project Coordinator	Signature

- C1 Motivation & Relevance    C2 Literature Survey    C3 Understanding Latest Technologies / Novelty / Applications to Society  
C4 Presentation    C5 Attitude & Behaviour    C6 Questions and Answer

*[Signature]*  
HOD

Professor & HOD  
Dept. of Electronics & Communication  
**DON BOSCO INSTITUTE OF TECHNOLOGY**  
Bemhalagodu, BANGALORE-560 076



# DON BOSCO INSTITUTE OF TECHNOLOGY

Department of Electronics and Communication Engineering

Project Presentation Evaluation Sheet  
Academic Year: 2021-22 (3rd Sem)

Signature:  
(Date: 11.11.2022)

Project Branch No.: 304

Course Code: EEEL P72

Course Name: PROJECT WORK PHASE I

Title of the Project: SMART Security Based Save Deposit Locker

Sl. No.	Name	Guide										Panel members										Coordinator										Jury Members										Average Marks										
		1										2										3										4											5									
		C1	C2	C3	C4	C5	C6	C7	C8	C9	Total	C1	C2	C3	C4	C5	C6	C7	C8	C9	Total	C1	C2	C3	C4	C5	C6	C7	C8	C9	Total	C1	C2	C3	C4	C5	C6	C7	C8	C9	Total											
10B19EC03	ISHANSHUKAR G	9	10	10	9	4	5	4	7	9	10	10	9	4	5	4	7	10	9	4	5	4	7	10	9	4	5	4	7	10	9	4	5	4	7	10	9	4	5	4	7	10										
10B19EC04	KAMASANI UHA	9	10	10	9	4	4	4	6	9	10	10	9	4	4	4	6	9	10	10	9	4	4	6	9	10	10	9	4	4	6	9	10	10	9	4	4	6	9	10	10	9	4	4	6							
10B19EC05	RAKSHITH R	8	8	9	9	4	4	4	2	8	8	9	9	4	4	4	2	8	8	9	9	4	4	2	8	8	9	9	4	4	2	8	8	9	9	4	4	2	8	8	9	9	4	4	2							
10B19EC09	S.M. VALSARAVI	10	10	10	10	5	4	4	9	10	10	10	10	5	4	4	9	10	10	10	10	5	4	4	9	10	10	10	10	5	4	4	9	10	10	10	10	5	4	4	9	10	10	10	10	5	4	4	9			

Signature of the Faculty

Akshath M.J

Surebam M

Suraj

Name of The Guide	Signature
Dr. Akshath M.J	Akshath M.J

Name of The Project Coordinator	Signature
Suraj	Suraj

C1 Motivation & Relevance  
C4 Presentation

C2 Literature Survey  
C5 Attitude & Behaviour

C3 Understanding Latest Technologies / Novelty Applications to Society  
C6 Questions and Answer

Signature  
HOD

Professor & H.O.D

Dept. of Electronics & Communication  
DON BOSCO INSTITUTE OF TECHNOLOGY  
Sambalpur, Odisha 751005

# DON BOSCO INSTITUTE OF TECHNOLOGY

## Department of Electronics and Communication Engineering

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

Course Name : PROJECT WORK PHASE I

Course Code: 18EC177

Project Batch No.: 39

Title of the Project : *Smart security based safe deposit locker*

Reviewer2

Date: 12/10/22

USN	Name	Guide										Panel Member										Coordinator										HOD (Optional)										Average Marks																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
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Signature of the Faculty	<i>Akshatha M.J</i>	1	1	1	1	1
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Name of The Guide	Signature	Name of The Project Coordinator	Signature
Dr. AKSHATH M.J	<i>Akshatha M.J</i>		

C1 Motivation & Relevance  
C4 Presentation

C2 Literature Survey  
C5 Attitude & Behaviour

C3 Understanding Latest Technologies / Novelty / Applications to Society  
C6 Questions and Answer

*tsb*  
HOD

Professor & H.O :

Dept. of Electronics & Comm.  
DON BOSCO INSTITUTE OF TECHNOLOGY  
Kambelagodu, BANGALORE-560 078



# DON BOSCO INSTITUTE OF TECHNOLOGY

Department of Electronics and Communication Engineering

Project Presentation Evaluation Sheet

Academic Year: 2023-24 (Semester V)

Course Name: PROJECT 3 WORK, PHASE 1

(Intern Guide: 100/100)

Project Rank No.: 148

Revised  
Date: 3.10.2023

Title of the Project: *Design & Implementation of Booth multipliers*

Sl. No.	Name	Grade 1										Grade 2										Grade 3										Average Marks																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
		Maths										Science										English											Social Studies																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
		Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10		Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
10B19AEC008	Orkash Pichayappa	9	10	9	9	5	4	4	6	9	10	9	9	5	4	4	4	10	9	9	9	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	

Signature of the Faculty: *[Signature]* Date: *10/10/23* Subject: *Microprocessor*

Name of The Guide: *Saijanya AP* Signature: *[Signature]*

Name of The Project Coordinator: *[Signature]* Signature: *[Signature]*

- C1 Motivation & Relevance
- C2 Literature Survey
- C3 Understanding Latest Technologies / Novelty
- C4 Presentation
- C5 Attitude & Behaviour
- C6 Questions and Answer

*[Signature]*  
HOD

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Mumbai, India. Email: donbosco.edu@gmail.com

**DON BOSCO INSTITUTE OF TECHNOLOGY**  
Department of Electronics and Communication Engineering

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

Review 2

Date: 13/12/22

Course Name : PROJECT WORK PHASE I

Course Code: 18ECPT77

Project Batch No. : 40

Title of the Project : *Design & implementation modified booth multiplier.*

USN	Name	Guide						Panel Member						Coordinator						HOD (Optional)						Average Marks					
		1						2						3						4											
		C1	C2	C3	C4	C5	C6	Total	C1	C2	C3	C4	C5	C6	Total	C1	C2	C3	C4	C5	C6	Total	C1	C2	C3		C4	C5	C6	Total	
		10	10	10	10	5	5	50	10	10	10	10	10	5	5	50	10	10	10	10	10	5	5	50	10		10	10	10	5	5
19EC088	gunkari padmanatha	9	10	9	9	5	4	46	9	10	9	9	5	4	46	9	10	9	9	5	4	46									
19EC029	collison .N.	10	10	10	9	5	4	48	10	10	10	9	5	4	48	10	10	10	9	5	4	48									
20EC401	pavithra E.	10	10	10	9	5	5	49	10	10	10	9	5	5	49	10	10	10	9	5	5	49									
20EC402	vishnu vijay A	10	10	10	9	5	4	48	10	10	10	9	5	4	48	10	10	10	9	5	4	48									

Signature of the Faculty	1 <i>[Signature]</i>	2 <i>[Signature]</i>	3 <i>Anshath H</i>	4
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Name of The Guide	Signature
<i>Soujanya .A.P.</i>	<i>[Signature]</i>

Name of The Project Coordinator	Signature

- C1 Motivation & Relevance    C2 Literature Survey    C3 Understanding Latest Technologies / Novelty / Applications to Society  
C4 Presentation    C5 Attitude & Behaviour    C6 Questions and Answer

*[Signature]*  
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**DON BOSCO INSTITUTE OF TECHNOLOGY**  
Kumbalagode, BANGALORE-560 076



**DON BOSCO INSTITUTE OF TECHNOLOGY**  
Department of Electronics and Communication Engineering

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

Course Name : PROJECT WORK PHASE I

Course Code: 18EC P77

Project Batch No. : 36

Review 1  
Date 3-11-2022

Title of the Project : SMART Hand Gesture Generator.

USN	Name	Guide						Panel Member						Coordinator						HOD (Optional)						Average Marks				
		1						2						3						4										
		C1	C2	C3	C4	C5	C6	Total	C1	C2	C3	C4	C5	C6	Total	C1	C2	C3	C4	C5	C6	Total	C1	C2	C3		C4	C5	C6	Total
		10	10	10	10	5	5	50	10	10	10	10	5	5	50	10	10	10	10	5	5	50	10	10	10		10	5	5	50
10B1AEC054	J. TARUN	10	10	10	10	5	4	49	10	10	10	10	5	4	49	10	10	9	10	5	5	549								
10B1AEC072	MADHUKUMAR P.N	10	10	10	10	5	4	49	10	10	10	10	5	4	49	10	10	9	10	5	5	549								
10B1AEC101	Rahul. C																													
10B1AEC116	SHASHIDHAR . D	10	10	10	9	5	5	49	10	10	10	9	5	5	49	10	9	10	10	5	5	5749								

Signature of the Faculty	1	2	3
	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>

Name of The Guide	Signature
<i>[Signature]</i>	<i>[Signature]</i>
Name of The Project Coordinator	Signature

C1 Motivation & Relevance    C2 Literature Survey    C3 Understanding Latest Technologies / Novelty    Applications to Society  
C4 Presentation    C5 Attitude & Behaviour    C6 Questions and Answer

*[Signature]*  
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**DON BOSCO INSTITUTE OF TECHNOLOGY**  
Bangalore, BANGALORE-560 074

# DON BOSCO INSTITUTE OF TECHNOLOGY

Department of Electronics and Communication Engineering

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

Course Name: PROJECT WORK PHASE I

Course Code: 18ECP77

Project Batch No.: 36

Reviewed

Date: 10/12/22

Smart hand Gesture Generator

USN	Name	Guide						Panel Member						Coordinator						HOD (Optional)						Average Marks				
		1						2						3						4										
		C1	C2	C3	C4	C5	C6	Total	C1	C2	C3	C4	C5	C6	Total	C1	C2	C3	C4	C5	C6	Total	C1	C2	C3		C4	C5	C6	Total
058	J. Tarun	10	10	10	5	4	49	10	10	10	10	5	4	49	10	10	10	10	5	4	49	10	10	10	10	5	4	49	50	
072	Madhukumar	10	10	10	9	5	5	49	10	10	10	9	5	5	49	10	10	10	9	5	5	49								
101	Rahul. C	10	10	10	9	5	5	49	10	10	10	9	5	5	49	10	10	10	9	5	5	49								
116	Shashidhar	10	10	10	10	5	4	49	10	10	10	10	5	4	49	10	10	10	10	5	4	49								

Signature of the Faculty: 1. *[Signature]* 2. *[Signature]*

Name of The Guide: *Sanjaya A.P.* Signature: *[Signature]*

Name of The Project Coordinator: *[Signature]* Signature: *[Signature]*

- C1 Motivation & Relevance
- C2 Literature Survey
- C3 Understanding Latest Technologies / Novelty / Applications to Society
- C4 Presentation
- C5 Attitude & Behaviour
- C6 Questions and Answer

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Bangalore, BANGALORE-560075



# DON BOSCO INSTITUTE OF TECHNOLOGY

## Department of Electronics and Communication Engineering

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

Review 1  
Date: 3-11-2022

Course Name : PROJECT WORK PHASE 1      Course Code: ISEC P77      Project Batch No.: 61  
Title of the Project : Eight legged Spider Robot

USN	Name	Guide						Panel Member						Coordinator						HOD (Optional)						Average Marks				
		1						2						3						4										
		C1	C2	C3	C4	C5	C6	Total	C1	C2	C3	C4	C5	C6	Total	C1	C2	C3	C4	C5	C6	Total	C1	C2	C3		C4	C5	C6	Total
		10	10	10	10	5	5	50	10	10	10	10	10	5	5	50	10	10	10	10	10	5	5	50	10		10	10	10	5
		10	10	9	10	5	5	49	10	10	9	10	5	5	49	10	10	9	10	5	5	49	10	10	9	10	5	5	49	
1DB18EC086	Nandesh AR	10	10	9	10	5	5	49	10	10	9	10	5	5	49	10	10	9	10	5	5	49	10	10	9	10	5	5	49	
1DB18EC061	KRUTHIK MV	10	10	9	10	5	5	49	10	10	9	10	5	5	49	10	10	9	10	5	5	49	10	10	9	10	5	5	49	
1DB18EC096	PRANAV G	10	10	9	10	5	5	49	10	10	9	10	5	5	49	10	10	9	10	5	5	49	10	10	9	10	5	5	49	
1DB18EC002	ABHISHEK Gowda	10	10	9	10	5	5	49	10	10	9	10	5	5	49	10	10	9	10	5	5	49	10	10	9	10	5	5	49	

Signature of the Faculty	1	2	3	4
	W	Abhishek J		

Name of The Guide	Signature
Suretha M	W

Name of The Project Coordinator	Signature
Surajkumar K	

C1 Motivation & Relevance      C2 Literature Survey      C3 Understanding Latest Technologies / Novelty      Applications to Society  
C4 Presentation      C5 Attitude & Behaviour      C6 Questions and Answer

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Kumbalagodu, BANGALORE-560 074

# DON BOSCO INSTITUTE OF TECHNOLOGY

Department of Electronics and Communication Engineering

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

Reviewer 2  
Date:

Course Name : PROJECT WORK PHASE I

Course Code: 18ECP77

Project Batch No.: 41

Title of the Project :

USN		Name	Guide							Panel Member							Coordinator							HOD (Optional)							Average Marks
			1							2							3							4							
			C1	C2	C3	C4	C5	C6	Total	C1	C2	C3	C4	C5	C6	Total	C1	C2	C3	C4	C5	C6	Total	C1	C2	C3	C4	C5	C6	Total	
			10	10	10	10	5	5	50	10	10	10	10	10	5	5	50	10	10	10	10	10	5	5	50	10	10	10	10	5	
18B18EC08		Nandeesh A R	10	9	10	10	5	5	49	10	9	10	10	5	5	49	10	9	10	10	5	5	49								
18B18EC06		Karthik M V	10	9	10	10	5	5	49	10	9	10	10	5	5	49	10	9	10	10	5	5	49								
18B18EC09		Pranav B	10	9	10	10	5	5	49	10	9	10	10	5	5	49	10	9	10	10	5	5	49								
18B18EC03		Akshith Gowda	10	9	10	10	5	5	49	10	9	10	10	5	5	49	10	9	10	10	5	5	49								

Signature of the Faculty

1

2

3

Akshith M V

Name of The Guide

Suretha M

Signature

Name of The Project Coordinator

Signature

C1 Motivation & Relevance  
C4 Presentation

C2 Literature Survey  
C5 Attitude & Behaviour

C3 Understanding Latest Technologies / Novelty / Applications to Society  
C6 Questions and Answer

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**DON BOSCO INSTITUTE OF TECHNOLOGY**  
Department of Electronics and Communication Engineering

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

Review 1  
Date: 3-11-2022

Course Name : PROJECT WORK PHASE I

Course Code: ISECPT77

Project Batch No.: 16

Title of the Project : Robot Based Pipe leakage detection

USN	Name	Guide						Panel Member						Coordinator						HOD (Optional)						Average Marks				
		1						2						3						4										
		C1	C2	C3	C4	C5	C6	Total	C1	C2	C3	C4	C5	C6	Total	C1	C2	C3	C4	C5	C6	Total	C1	C2	C3		C4	C5	C6	Total
		10	10	10	10	5	5	50	10	10	10	10	5	5	50	10	10	10	10	5	5	50	10	10	10		10	5	5	50
10B19H109	Sushmitha.R	10	9	10	10	5	5	49	10	9	10	10	5	5	49	10	9	10	10	5	5	49	10	9	10	10	5	5	49	
10B19H132	Vidhhu.R	10	9	10	10	5	5	49	10	9	10	10	5	5	49	10	9	10	10	5	5	49	10	9	10	10	5	5	49	
10B19H133	Vidhhu.V.N	10	9	10	10	5	5	49	10	9	10	10	5	5	49	10	9	10	10	5	5	49	10	9	10	10	5	5	49	
10B19H143	Yashwanth.M.P	10	9	10	10	5	5	49	10	9	10	10	5	5	49	10	9	10	10	5	5	49	10	9	10	10	5	5	49	

Signature of the Faculty	1	14/04/22	2	Sushmitha R
--------------------------	---	----------	---	-------------

Name of The Guide	Signature
Shwetha.M	14/04/22

Name of The Project Coordinator	Signature
Sushmitha R Sushmitha.R	14/04/22

- C1 Motivation & Relevance  
C2 Literature Survey  
C3 Understanding Latest Technologies / Novelty / Applications to Society  
C4 Presentation  
C5 Attitude & Behaviour  
C6 Questions and Answer

14/04/22  
HOD

Professor & H.O.D  
Dept. of Electronics & Communication  
DON BOSCO INSTITUTE OF TECHNOLOGY  
Bangalore, BANGALORE-560 076

Project Presentation Evaluation Sheet  
Academic Year: 2021-22 (BDS SEM)

### References

Date:

Course Name : PROJECT WORK PHASE I


Course Code: 185CP77

Project Batch No.: 16

Title of the Project :

USN	Name	Guide										Panel Member										Coordinator										HOD (Optional)						Average Marks
		1										2										1										2						
		C1	C2	C3	C4	C5	C6	Total	C1	C2	C3	C4	C5	C6	Total	C1	C2	C3	C4	C5	C6	Total	C1	C2	C3	C4	C5	C6	Total									
10089F1129	Sushmita.A.B	10	10	9	9	5	5	48	10	10	10	9	9	5	5	48	10	10	9	9	5	5	48															
10089F1132	V086bhav.R	10	10	9	9	5	5	48	10	10	10	9	9	5	5	48	10	10	9	9	5	5	48															
10089F1133	V086bhav.H.N	10	10	9	9	5	5	48	10	10	10	9	9	5	5	48	10	10	9	9	5	5	48															
10089F1143	V086bhav.H.N.P	10	10	9	9	5	5	48	10	10	10	9	9	5	5	48	10	10	9	9	5	5	48															

Signature of the Faculty	1	2	3
			



Name of The Guide	Signature	Name of The Project Coordinator	Signature
Suretha. M			

C1	Motivation & Relevance	C2 Literature Survey	C3 Understanding Latest Technologies / Novelty / Applications to Society
C4	Presentation	C5 Attitude & Behaviour	C6 Questions and Answer



HOD

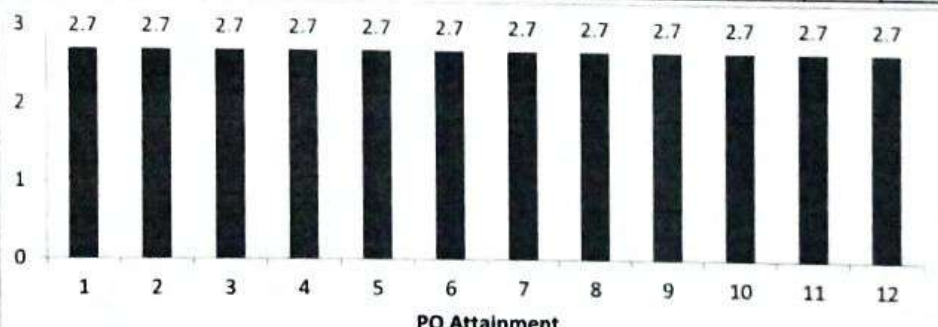
Professor S. M. O.  
V. P. Institute of Technology  
Bangalore 560 074  
Bangalore, Bangalore-560 074



File No: DBIT/NBA/ COURSE/ 2022-23			<b>WAYANAMC EDUCATION TRUST®</b> <b>DON BOSCO INSTITUTE OF TECHNOLOGY</b> Kumbalagodu, Bengaluru – 560 074														
Department of Electronics and Communication Engineering																	
Course Information																	
Programme Name:	Electronics and Communication Engineering																
Academic Year:	2022-23	Semester:	8	Section:	A, B, C	Subject Type:	Practical										
Course Title:	Project Work Phase2																
Course Instructor Name:	Mrs. Lakshmidevi T R					Class Strength:											
Subject Code:	18ECP783	Course No:	3	Course ID:	C413	142											
Scheme of Teaching & Marks																	
Contact Hr/Week:	4	Lecture Hours (Hr.):		Tutorials (Hr.):	4												
Max.CIE Marks:	40	Max. SEE Marks:	60	Total Max.Marks:	100												
Min.CIE Marks:	16	Min.SEE Marks:	24	Total Min.Marks:	40												
Final CIE (IA) Marks:	40	Assignment Marks:		Test Marks:	40												
Threshold Values for Attainment Calculation				Final CO Attainment													
Attainment level	3	%	2	%	1	%	( Percentage Contribution, %)										
Internal Assessment	>=	70	>=	60	>=	40	CIE 50 SEE 40										
SE Examination	>=	60	>=	50	>=	35	CES 10										
Statements of Course Outcomes				No.of CO's	4	Target(%)	BL										
C413.1	Analyze the problem, formulation and solution of the selected project					80	L3										
C413.2	Develop solutions for contemporary problems using modern tools for sustainable development.					81	L4										
C413.3	Demonstrate ethical and professional sustainability while working in a team and communicate effectively for the benefit of the society.					82	L4										
C413.4	Understand the engineering, finance and management principles.					83	L4										
Semester End Exam. (SEE) Target(%)				60	Course End Survey(CES) Target (%)		10										
CO-PO Mapping Table (In the scale of 3)												CO-PSO Mapping Table					
CO/PO	1	2	3	4	5	6	7	8	9	10	11	12	CO/PSO	1	2	3	4
C413.1	3	3	1	2		3	2	1	3	3	2	3	C413.1	2			
C413.2	3	3	3	3	3	2	2	2	3	3	3	3	C413.2	2	2		
C413.3	3	2	2	2	3	2	2	3	3	3	3	3	C413.3		2		
C413.4		1	1			1	1	3	3	3	3	3	C413.4		3	2	
Total	9	9	7	7	6	8	7	9	12	12	11	12	Total	4	7	2	

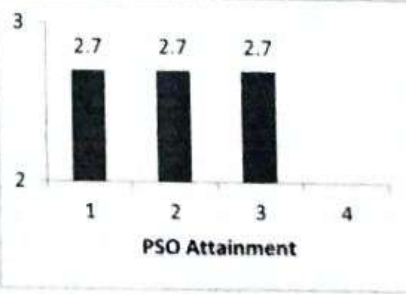


File No: DBIT/NBA/ CO-PO-PSO / 2022-23	 <b>WAYANAMC EDUCATION TRUST®</b> <b>DON BOSCO INSTITUTE OF TECHNOLOGY</b> <b>Kumbalagodu, Bengaluru – 560 074</b> 												
Course Title	Project Work Phase2							Course Code	C413				
Subject Code	18ECP783	Semester	8	Section	A, B, C		Emp.ID	DBITEC080834					
Faculty Name	Mrs. Lakshmidevi T R							No.students	142				
Department of Electronics and Communication Engineering													
Summary of CO attainments for the Subject Code: 18ECP78 in the Academic Year:2022-23													
CO	CID_CO	CIE			SEE			CES			TOT_Attainment		
		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
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	





PO Attainment

Summary of PSO attainments in Year:2022-23				
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	



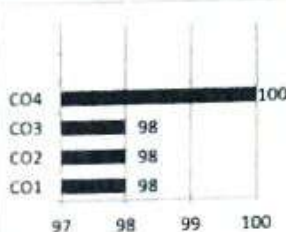
PSO Attainment



File No: (NBA) CO-REPORT/ 2022-23	 <b>WAYANAMC EDUCATION TRUST*</b> <b>DON BOSCO INSTITUTE OF TECHNOLOGY</b> Kumbalagodu, Bengaluru – 560 074				
<b>Department of Electronics and Communication Engineering</b>					
<b>Course Title</b>	Project Work Phase2			<b>Course Code</b>	C413
<b>Subject Code</b>	18ECP783	<b>Semester</b>	8	<b>Section</b>	A, B, C
<b>Faculty Name</b>	Mrs. Lakshmidevi T R			<b>Emp.ID</b>	DBITEC080834
		<b>No.students</b>	142		

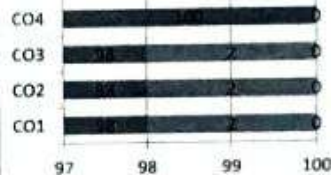
CO Attainment from -SUB, in the Subject: 18ECP78-Based on: TYPE-2, Academic Year 2022-23

Sl.	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	YES
CO4	C413.4	426	142	3	142	100	3	YES



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

Sl.	CO Number	3	%	2	%	1	%
CO1	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 Instructor

Signature of HOD/DAC

Signature of Course Instructor

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

Sl.	USN	Course Outcome Number	CO1	CO2	CO3	CO4
		Total Maximum Marks	20	20	20	10
1	1DB19EC001	ABHEER PATIL	Y	Y	Y	Y
2	1DB19EC002	ABHISHEK N	Y	Y	Y	Y
3	1DB19EC003	ABHISHEK P D	Y	Y	Y	Y
4	1DB19EC004	AFREEN TAJ	Y	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	1DB19EC010	ANUJNA 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	1DB19EC014	B S JAYANTH	Y	Y	Y	Y
15	1DB19EC015	B S RAKSHITHA	Y	Y	Y	Y





# Don Bosco Institute of Technology, Bangalore

(NAAC Accredited Institution)

## Department of Electronics and Communication Engineering

(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 7<sup>th</sup> and 8<sup>th</sup> 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.

HOD-ECE

Professor & H.O.D.

Dept. of Electronics & Communication

DON BOSCO INSTITUTE OF TECHNOLOGY

Yambalagada, BANGALORE-560 076



**Don Bosco Institute of Technology, Bangalore**

(NAAC Accredited Institution)

**Department of Electronics and Communication Engineering**

(Accredited by NBA & Permanently affiliated to VTU)



Date: 25-03-2023

### Circular

The Second Review of Project is scheduled from 11<sup>th</sup> to 13<sup>rd</sup> 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. Lakshmidhevi T. R.

tsb 25/3/23  
HOD-ECE

Professor & H.O D

Dept. of Electronics & Comm. Engg.  
DON BOSCO INSTITUTE OF TECH. & MGT.  
Sambalaguda, BANGALORE-560 07.



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

A.Y. 2022-23 Class Year Project Group Details  
**PROJECT 3: FREQUENCY ANALYSIS**

DATE: 07-03-2023 to 08-03-2023

08-03-2023 to 08-03-2023

Project Group No.	Project Associates	USN	Guide	Panel Members	Scheduled Date	Start/End Date
32	PREKSHA H JADAV	12DB19EC0094	Dr. A. N. Maheswarappa	Dr. A. N. Maheswarappa Dr. Chandrashekar N. S. Mr. Surecha H.S.	1:00PM to 3:00PM	Module No-A-02/3 07-03-2023
	PREYANSHU A. RY	12DB19EC0098				
15	RAJENDU S	12DB19EC1079	Dr. Chandrashekar N. S.		2:00PM to 2:50PM	
	NAKSHI TEJASWARI UNJADE	12DB19EC1111				
	SHRUTI SHITTYA	12DB19EC1119				
	SURAJ S.	12DB19EC1128				
26	MANOJ S R	12DB19EC0073	Dr. Chandrashekar N. S.		2:00PM to 3:00PM	
	PRADYUMNYA K. G	12DB19EC0091				
	SANJITH KUMAR	12DB19EC1113				
	VLETHA U M	12DB19EC1135				
25	CHAITANYA S	12DB19EC0026	Mr. Surecha H. S		2:00PM to 2:50PM	
	CHANDANA D	12DB19EC0029				
	DIVYASHREE B	12DB19EC0042				
29	KUSUMA S JAIKANT	12DB19EC0069	Mr. Surecha H.S.		2:50PM to 3:50PM	
	NAGADEERAJ PS	12DB19EC0081				

Module No-A-02/3  
08-03-2023

19	MURHAMATI D ANIS	IDB19EC076	Mr. C. V. Gopinath	Mr. C. V. Gopinath Dr. Jai Prakash Prasad Mrs. Nandini A.S. Mr. Yogesh G	2:00PM to 2:25PM	Session No. A-2025 08-11-2022		
	RANJAN R	IDB19EC104			2:25PM to 2:50PM			
	NANJIDHI H B	IDB19EC114			2:50PM to 3:15PM			
	VASHAS S	IDB19EC142			3:15PM to 3:40PM			
4	MALLANGOUDA S PATIL	IDB19ET001	Dr. Jai Prakash Prasad	Mr. C. V. Gopinath Dr. Jai Prakash Prasad Mrs. Nandini A.S. Mr. Yogesh G	2:00PM to 2:25PM	Session No. A-2025 08-11-2022		
	PAVAN J	IDB19ET003						
20	PRERANA JAIN	IDB19EC096	Dr. Jai Prakash Prasad		Mr. C. V. Gopinath Dr. Jai Prakash Prasad Mrs. Nandini A.S. Mr. Yogesh G		2:00PM to 2:25PM	Session No. A-2025 08-11-2022
	RAHIL AHMED	IDB19EC100						
	VINAY C	IDB19EC137						
	MAMATHA BM	IDB19ET002						
27	SHOBITHA P	IDB19ET004	Mrs. Nandini A.S.	Mr. C. V. Gopinath Dr. Jai Prakash Prasad Mrs. Nandini A.S. Mr. Yogesh G		2:00PM to 2:25PM	Session No. A-2025 08-11-2022	
	TEJASHWINI PATIL	IDB19ET005						
	ABHISHEK N	IDB19EC002						
33	BHARATH MK	IDB19EC017	Mr. Yogesh G		Mr. C. V. Gopinath Dr. Jai Prakash Prasad Mrs. Nandini A.S. Mr. Yogesh G	2:25PM to 2:50PM		Session No. A-2025 08-11-2022
	K MANJUNATH	IDB19EC059						
	CHANDAN S	IDB19EC028						



10	AMRUTH S	IDB19EC008	Dr Bhagya P		2:00PM to 2:25PM	Room No-A-319 07-03-2023
	HEBBARE SUMEET SHREEDHAR	IDB19EC049				
	JAYANTHI SHUKLA	IDB19EC057				
	VIKAS M A	IDB19EC136				
11	ANANYA V	IDB19EC009	Dr Bhagya P		2:25PM to 2:50PM	
	CHANDANA N	IDB19EC030				
	SOUNDARYA A M	IDB19EC122				
	REETHA N M	IDB19EC106				
23	SAHANA S	IDB19EC110	Mrs Shwetha B V		2:50PM to 3:15PM	
	SNEHA M	IDB19EC121				
	SHRUTHI S	IDB19EC120				
	MONISHA R	IDB19EC079				
24	PREETHI N	IDB19EC093	Mrs Shwetha B V		2:00PM to 2:25PM	
	PRIYA V	IDB19EC097				
	DHARSHANIKA A N	IDB19EC040				
	DIVYA R VAIDYA	IDB19EC041				
6	HARINI S M	IDB19EC046	Mrs Pavithra H V		2:25PM to 2:50PM	Room No-A-319 08-03-2023
	HEERA N	IDB19EC050				
	ABHISHEK P D	IDB19EC003				
	BHAVANA B	IDB19EC022				
35	CHIRAG M	IDB19EC034	Mrs Pavithra H V		2:50PM to 3:15PM	
	JAGDISH L	IDB19EC055				

Dr. Bhagya P.  
Mrs. Shwetha B. V.  
Mrs. Pavithra H. V.

13	AKASH R	IDB19EC006	Dr. Shashiranjan	2:00PM to 2:25PM	Room No-A-214 07-03-2023
	BHASKAR M	IDB19EC020			
	DARSHAN P	IDB19EC036			
	DEEPAK L	IDB19EC038			
42	YASHU PRAJWAL NAG D	IDB17TE030	Dr. Shashiranjan	2:25PM to 2:50PM	
	RUTWIK R HEGDE	IDB18TE011			
40	OMKARI PADMANABHA	IDB19EC088	Mrs. Soujanya A. P.	2:50PM to 3:15PM	
	WILSON N	IDB19EC139			
	PAVITHRA E	IDB20EC401			
	VISHNU VIJAY A N	IDB20EC403			
36	J TARUN	IDB19EC054	Mrs. Soujanya A. P.	2:00PM to 2:25PM	
	MADHUKUMAR P N	IDB19EC072			
	RAHUL CHANDRASHEKAR	IDB19EC101			
	SHASHIDHARA D	IDB19EC116			
16	SUSHMITHA R	IDB19EC129	Mrs. Shwetha M.	2:25PM to 2:50PM	
	VAIBHAV R	IDB19EC132			
	VAISHNAVI H N	IDB19EC133			
	YASHWANTH M P	IDB19EC143			
41	ABHISHEK GOWDA V	IDB18EC002	Mrs. Shwetha M.	2:50PM to 3:15PM	
	KRUTHIK M V	IDB18EC061			
	NANDEESH A R	IDB18EC080			
	PRANAV G	IDB18EC096			



28	ANILJNA A	IDB19EC010	Mrs Roopa B S	Mrs. Roopa B. S. Mrs. Shubha G. N. Mrs. Shwetha K	2:00PM to 2:25PM	Room No-A-215 07-03-2023	
	BHAVANA	IDB19EC021			2:25PM to 2:50PM		
	CHINMAYIR	IDB19EC033			2:50PM to 3:15PM		
	HIMABINDU B C	IDB19EC052			2:00PM to 2:25PM	Room No-A-214 08-03-2023	
12	CHIRANJEEVI C M	IDB19EC035	Mrs Shubha G N		2:25PM to 2:50PM		
	JAYANTH C	IDB19EC056			2:50PM to 3:15PM		
	GAANA S KUMAR	IDB19EC045			2:00PM to 2:25PM		
	HARSHITA B	IDB19EC047			2:25PM to 2:50PM		
14	ARUN SUBAN M	IDB19EC012	Mrs Roopa B S		Mrs. Roopa B. S. Mrs. Shubha G. N. Mrs. Shwetha K	2:00PM to 2:25PM	Room No-A-215 07-03-2023
	CHETHAN M	IDB19EC031				2:25PM to 2:50PM	
	CHETHAN M R	IDB19EC032				2:50PM to 3:15PM	
	RAJESH KUMAR J	IDB19EC102				2:00PM to 2:25PM	Room No-A-214 08-03-2023
39	ISHA SHANKAR G	IDB19EC053	Mrs. Shwetha K			2:25PM to 2:50PM	
	KAMASANI LHA	IDB19EC060				2:50PM to 3:15PM	
	S M VAISHNAVI	IDB19EC109				2:00PM to 2:25PM	
	RAKSHITH R	IDB19EC103				2:25PM to 2:50PM	
8	KIRAN G M	IDB19EC064	Mrs. Shwetha K			2:00PM to 2:25PM	
	MURHAN M	IDB19EC078				2:25PM to 2:50PM	
	SNAMRATINA S	IDB19EC084				2:50PM to 3:15PM	
	SNANDITHA H	IDB19EC085				2:00PM to 2:25PM	

21	BHOOMIKA S	IDB19EC023	Mrs Babitha S	Mrs. Babitha S, Mrs. Shruthi G, Mrs. Mahadevi S Manur	2:00PM to 2:25PM	Room No-A-214 07-03-2023
	BRUNDA R	IDB19EC024				
	KAVYA R	IDB19EC061				
31	ABHEER PATIL	IDB19EC001	Mrs Babitha S			
	BG TEJAS	IDB19EC013				
	BS JAYANTH	IDB19EC014				
	C SHREYAS	IDB19EC025				
17	KISHORE V	IDB19EC066	Mrs. Shruthi G			
	KUMUDHA L	IDB19EC067				
	PREMA B G	IDB19EC095				
	SRIHARI R	IDB19EC123				
18	KUSHAL GOWDA G	IDB19EC068	Mrs Mahadevi S Manur			
	THILAK K	IDB19EC131				
	VENKATACHALANAIDU R	IDB19EC134				
	SAKSHI SURESH JADHAV	IDB20EC400				
37	DHANUSH M	IDB19EC0039	Mrs Mahadevi S Manur			
	DIVYASHREEN N	IDB19EC043				
	HARSHITHA P	IDB19EC048				



2	ASHWARYA K M	IDB19EC085	Mrs Rashmi K. T	Mrs. Lakshmi Devi T. R. Mrs. Tejaswini M. L. Mrs. Rashmi K. T.	2:00PM to 2:25PM	Room No-A-216 08-03-2021
	AMRITHA PRIYA A	IDB19EC087				
	ARPITHA P	IDB19EC011				
	HEMASHREE R	IDB19EC051				
3	KEERTHAN R MATHAD	IDB19EC063	Mrs Rashmi K. T	Mrs. Lakshmi Devi T. R. Mrs. Tejaswini M. L. Mrs. Rashmi K. T.	2:25PM to 2:50PM	Room No-A-216 08-03-2021
	NAMITHA S R	IDB19EC082				
	NAYANA M	IDB19EC086				
	P P HAEMNATH	IDB19EC089				
5	LAVANYA N	IDB19EC071	Mrs Tejaswini M. L.	Mrs. Lakshmi Devi T. R. Mrs. Tejaswini M. L. Mrs. Rashmi K. T.	2:50PM to 3:15PM	Room No-A-216 08-03-2021
	N M NAYANA	IDB19EC080				
	NAMRATHA M	IDB19EC083				
	POORNIMA S	IDB19EC090				
7	KISHAN P S	IDB19EC065	Mrs Lakshmi Devi T R	Mrs. Lakshmi Devi T. R. Mrs. Tejaswini M. L. Mrs. Rashmi K. T.	2:00PM to 2:25PM	Room No-A-216 08-03-2021
	MOHAMMED ATIQUE	IDB19EC077				
	NUTHAN Y J	IDB19EC087				
	PRAMODH H R	IDB19EC092				
38	RUCHITHA V A	IDB19EC108	Mrs Lakshmi Devi T R	Mrs. Lakshmi Devi T. R. Mrs. Tejaswini M. L. Mrs. Rashmi K. T.	2:25PM to 2:50PM	Room No-A-216 08-03-2021
	SHILPA LAMANI	IDB19EC117				
	SHILPA Y	IDB19EC118				
	SHASHANK N	IDB20EC402				

9	BHARAT V G	IDB19EC016	Dr. Sharanabasappa	Dr. Sharanabasappa Mrs. Chaitra S Mr. Kishore Kumar	Room No-A-217 07-03-2023
	SANJAY GOWDA M D	IDB19EC112			
	SATHY A R	IDB19EC115			
	SUDHANVA N PRASAD	IDB19EC125			
30	SUDEEP R	IDB19EC124	Dr. Sharanabasappa	Dr. Sharanabasappa Mrs. Chaitra S Mr. Kishore Kumar	Room No-A-216 08-03-2023
	SYED IKRAM	IDB19EC130			
	YASHAS H S	IDB19EC140			
	YASHAS R V	IDB19EC141			
22	LAVANYA GM	IDB19EC070	Mrs Chaitra S	Dr. Sharanabasappa Mrs. Chaitra S Mr. Kishore Kumar	Room No-A-216 08-03-2023
	RADHIKA S	IDB19EC099			
	SUMATI MS	IDB19EC126			
	SUPRIYA M	IDB19EC127			
1	AFREEN TAJ	IDB19EC004	Mrs Chaitra S	Dr. Sharanabasappa Mrs. Chaitra S Mr. Kishore Kumar	Room No-A-216 08-03-2023
	BHARGAVI AGNIHOTRI	IDB19EC019			
	KAVYA K	IDB19EC058			
	KAVYA S HALLUR	IDB19EC062			
34	B S RAKSHITHA	IDB19EC015	Mr Kishore Kumar	Dr. Sharanabasappa Mrs. Chaitra S Mr. Kishore Kumar	Room No-A-216 08-03-2023
	CHAITHRA M H	IDB19EC027			
	DEEKSHITH B M	IDB19EC037			
	BHARATH P R	IDB19EC018			

Project Coordinators:

Mr. Suresha H. S.

Mrs. Lakshmidevi T R

tsb

HOD-ECE

Professor & H.O.D.

Dept. of Electronics & Communication

IGN BOSCO INSTITUTE OF TECHNOLOGY

BANGALORE-560 074

Samalagodu





**DON BOSCO INSTITUTE OF TECHNOLOGY, BANGALORE**  
**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

Project Group No.	Project Associates	USN	Guide	Panel Members	Scheduled time	Date, Room No.
32	PREKSHA H JAIN	IDB19EC094	Dr. A. N. Maheswarappa	Dr. A. N. Maheswarappa Dr. Chandrashekar N. S. Mr. Suresha H.S.	2:00PM to 2:25PM	Room No-A-317 11-04-2023
	PRIYANKA RY	IDB19EC098				
15	RASHMI S	IDB19EC105	Dr. Chandrashekar N. S.		2:25PM to 2:50PM	
	SAKSHI DAMODAR UMARJI	IDB19EC111				
	SHRUSTI SHETTY .S	IDB19EC119				
	SURAJ S	IDB19EC128				
26	MANOJ S R	IDB19EC073	Dr. Chandrashekar N. S.		2:50PM to 3:15PM	
	PRADYUMNYA K G	IDB19EC091				
	SANJITH KUMAR	IDB19EC113				
	VIJETHA U M	IDB19EC135				
25	CHAITANYA S	IDB19EC026	Mr. Suresha H.S.		2:00PM to 2:25PM	Room No-A-317 12-04-2023
	CHANDANA D	IDB19EC029				
	DIVYASHREE B	IDB19EC042				
29	KUSUMA S JAIKANT	IDB19EC069	Mr. Suresha H.S.		2:25PM to 2:50PM	
	NAGADEERAJ PS	IDB19EC081				

19	MOHAMMED ANIS	IDB19EC076	Mr. C. Y. Gopinath	Mr. C. Y. Gopinath Dr. Jai Prakash Prasad Mrs. Nandini A.S. Mr. Yogesh G	2:00PM to 2:25PM	Room No-A-318 11-04-2023
	RANJAN R	IDB19EC104			2:25PM to 2:50PM	
	SANNIDHI H B	IDB19EC114			2:50PM to 3:15PM	
	YASHAS S	IDB19EC142				
4	MALLANGOUDA S PATIL	IDB19ET001	Dr. Jai Prakash Prasad			
	PAVAN J	IDB19ET003				
20	PRERANA JAIN	IDB19EC096	Dr. Jai Prakash Prasad			
	RAHIL AHMED	IDB19EC100				
	VINAY C	IDB19EC137				
27	MAMATHA BM	IDB19ET002	Mrs. Nandini A.S.		2:00PM to 2:25PM	Room No-A-318 12-04-2023
	SHOBITHA P	IDB19ET004				
	TEJASHWINI PATIL	IDB19ET005				
33	ABHISHEK N	IDB19EC002	Mr. Yogesh G		2:25PM to 2:50PM	
	BHARATH MK	IDB19EC017				
	K MANJUNATH	IDB19EC059				
	CHANDAN S	IDB19EC028				



10	AMRUTH S	IDB19EC008	Dr. Bhagya P.		2:00PM to 2:25PM	Room No-A-319 11-04-2023
	HEBBARE SUMEET SHREEDHAR	IDB19EC049				
	JAYANTH SHUKLA	IDB19EC057				
	VIKAS M A	IDB19EC136				
11	ANANYA V	IDB19EC009	Dr. Bhagya P.		2:25PM to 2:50PM	Room No-A-319 11-04-2023
	CHANDANA N	IDB19EC030				
	SOUNDARYA A M	IDB19EC122				
	REETHA N M	IDB19EC106				
23	SAHANA S	IDB19EC110	Mrs. Shwetha B. V.		2:50PM to 3:15PM	
	SNEHA M	IDB19EC121				
	SHRUTHI S	IDB19EC120				
	MONISHA R	IDB19EC079				
24	PREETHI N	IDB19EC093	Mrs. Shwetha B. V.		2:00PM to 2:25PM	Room No-A-319 12-04-2023
	PRIYA V	IDB19EC097				
	DHARSHANIKA A N	IDB19EC040				
	DIVYA R VAIDYA	IDB19EC041				
6	HARINI S M	IDB19EC046	Mrs. Pavithra H. V.		2:25PM to 2:50PM	
	HEERA N	IDB19EC050				
	ABHISHEK P D	IDB19EC003				
	BHAVANA B	IDB19EC022				
35	CHIRAG M	IDB19EC034	Mrs. Pavithra H. V.		2:50PM to 3:15PM	
	JAGDISH L	IDB19EC055				

13	AKASH R	IDB19EC006	Dr. Shashiranjan		2:00PM to 2:25PM	Room No-A-214 11-04-2023
	BHASKAR M	IDB19EC020				
	DARSHAN P	IDB19EC036				
	DEEPAK L	IDB19EC038				
42	YASHU PRAJWAL NAG D	IDB17TE030	Dr. Shashiranjan		2:25PM to 2:50PM	
	RUTWIK R HEGDE	IDB18TE011				
40	OMKARI PADMANABHA	IDB19EC088	Mrs. Soujanya A. P.		2:50PM to 3:15PM	
	WILSON N	IDB19EC139				
	PAVITHRA E	IDB20EC401				
	VISHNU VIJAY A N	IDB20EC403				
36	J TARUN	IDB19EC054	Mrs. Soujanya A. P.		2:00PM to 2:25PM	
	MADHUKUMAR P N	IDB19EC072				
	RAHUL CHANDRASHEKAR	IDB19EC101				
	SHASHIDHARA D	IDB19EC116				
16	SUSHMITHA R	IDB19EC129	Mrs. Shwetha M.		2:25PM to 2:50PM	Room No-A-214 12-04-2023
	VAIBHAV R	IDB19EC132				
	VAISHNAVI H N	IDB19EC133				
	YASHWANTH M P	IDB19EC143				
41	ABHISHEK GOWDA V	IDB18EC002	Mrs. Shwetha M.		2:50PM to 3:15PM	
	KRUTHIK M V	IDB18EC061				
	NANDEESH A R	IDB18EC080				
	PRANAV G	IDB18EC096				



28	ANUNA A	IDB19EC010	Mrs. Roopa B. S.	Mrs. Roopa B. S. Mrs. Shubha G. N. Mrs. Shwetha K	2:00PM to 2:25PM	Room No-A-215 11-04-2023				
	BHAVANA	IDB19EC021			2:25PM to 2:50PM					
	CHINMAYI R	IDB19EC033								
	HIMABINDU B C	IDB19EC052								
12	CHIRANJEEVI C M	IDB19EC035	Mrs. Shubha G. N.		Mrs. Roopa B. S. Mrs. Shubha G. N. Mrs. Shwetha K		2:25PM to 2:50PM	Room No-A-214 12-04-2023		
	JAYANTH C	IDB19EC056								
	GAANA S KUMAR	IDB19EC045								
	HARSHITA B	IDB19EC047								
14	ARUN SUBAN M	IDB19EC012	Mrs. Roopa B. S.				Mrs. Roopa B. S. Mrs. Shubha G. N. Mrs. Shwetha K		2:50PM to 3:15PM	Room No-A-214 12-04-2023
	CHETHAN M	IDB19EC031								
	CHETHAN M R	IDB19EC032								
	RAJESH KUMAR J	IDB19EC102								
39	ISHA SHANKAR G	IDB19EC053	Mrs. Shwetha K	Mrs. Roopa B. S. Mrs. Shubha G. N. Mrs. Shwetha K		2:00PM to 2:25PM			Room No-A-214 12-04-2023	
	KAMASANI UHA	IDB19EC060								
	S M VAISHNAVI	IDB19EC109								
	RAKSHITH R	IDB19EC103								
8	KIRAN G M	IDB19EC064	Mrs. Shwetha K		Mrs. Roopa B. S. Mrs. Shubha G. N. Mrs. Shwetha K	2:25PM to 2:50PM		Room No-A-214 12-04-2023		
	MOHAN M	IDB19EC078								
	NAMRATHA S	IDB19EC084								
	NANDITHA H	IDB19EC085								

21	BHOO MIKA S	IDB19EC023	Mrs. Babitha S	Mrs. Babitha S. Mrs. Shruthi G. Mrs. Mahadevi S Manur	2:00PM to 2:25PM	Room No-A-214 13-04-2023
	BRUNDA R	IDB19EC024				
	KAVYA R	IDB19EC061			2:25PM to 2:50PM	
31	ABHIR PATHI	IDB19EC001	Mrs. Babitha S			
	BG TEJAS	IDB19EC013				
	BS JAYANTH	IDB19EC014				
17	C SHREYAS	IDB19EC025	Mrs. Shruthi G.			
	KISHORE V	IDB19EC066				
	KUMUDHA L	IDB19EC067				
	PREMA B G	IDB19EC095				
18	SRIHARI R	IDB19EC123	Mrs. Mahadevi S Manur			
	KUSHAL GOWDA G	IDB19EC068			2:00PM to 2:25PM	
	THILAK K	IDB19EC131				
	VENKATACHALANAIDU R	IDB19EC134				
37	SAKSHI SURESH JADHAV	IDB20EC400	Mrs. Mahadevi S Manur		2:25PM to 2:50PM	
	DHANUSH M	IDB19EC0039				
	DIVYASHREE N	IDB19EC043				
	HARSHITHA P	IDB19EC048				



2	AISHWARYA K M	IDB19EC005	Mrs. Rashmi K. T.	Mrs. Lakshmi devi T. R. Mrs. Tejaswini M. L. Mrs. Rashmi K. T.	2:00PM to 2:25PM	Room No-A-216 11-04-2023				
	AMRITHA PRIYA A	IDB19EC007			2:25PM to 2:50PM					
	ARPITHA P	IDB19EC011								
	HEMASHREE R	IDB19EC051								
3	KEERTHAN R MATHAD	IDB19EC063	Mrs. Rashmi K. T.		Mrs. Lakshmi devi T. R. Mrs. Tejaswini M. L. Mrs. Rashmi K. T.		2:25PM to 2:50PM	Room No-A-216 12-04-2023		
	NAMITHA S R	IDB19EC082								
	NAYANA M	IDB19EC086								
	P P HAEMNATH	IDB19EC089								
5	LAVANYA N	IDB19EC071	Mrs. Tejaswini M. L.				Mrs. Lakshmi devi T. R. Mrs. Tejaswini M. L. Mrs. Rashmi K. T.		2:50PM to 3:15PM	Room No-A-216 12-04-2023
	N M NAYANA	IDB19EC080								
	NAMRATHA M	IDB19EC083								
	POORNIMA S	IDB19EC090								
7	KISHAN P S	IDB19EC065	Mrs. Lakshmi devi T. R.	Mrs. Lakshmi devi T. R. Mrs. Tejaswini M. L. Mrs. Rashmi K. T.		2:00PM to 2:25PM			Room No-A-216 12-04-2023	
	MOHAMMED ATIQUE	IDB19EC077								
	NUTHAN Y J	IDB19EC087								
	PRAMODH H R	IDB19EC092								
38	RUCHITHA V A	IDB19EC108	Mrs. Lakshmi devi T. R.		Mrs. Lakshmi devi T. R. Mrs. Tejaswini M. L. Mrs. Rashmi K. T.	2:25PM to 2:50PM		Room No-A-216 12-04-2023		
	SHILPA LAMANI	IDB19EC117								
	SHILPA Y	IDB19EC118								
	SHASHANK N	IDB20EC402								

9	BHARAT V G	IDB19EC016	Dr. Sharanabasappa	Dr. Sharanabasappa Mrs. Chaitra S Mr. Kishore Kumar	2:00PM to 2:25PM	Room No-A-217 11-04-2023
	SANJAY GOWDA M D	IDB19EC112				
	SATHYA R	IDB19EC115				
	SUDHANVA N PRASAD	IDB19EC125				
30	SUDEEP R	IDB19EC124	Dr. Sharanabasappa	Dr. Sharanabasappa Mrs. Chaitra S Mr. Kishore Kumar	2:25PM to 2:50PM	Room No-A-216 12-04-2023
	SYED IKRAM	IDB19EC130				
	YASHAS H S	IDB19EC140				
	YASHAS R V	IDB19EC141				
22	LAVANYA GM	IDB19EC070	Mrs. Chaitra S	Mrs. Chaitra S	2:50PM to 3:15PM	Room No-A-216 12-04-2023
	RADHIKA S	IDB19EC099				
	SUMATI MS	IDB19EC126				
	SUPRIYA M	IDB19EC127				
1	AFREEN TAJ	IDB19EC004	Mrs. Chaitra S	Mrs. Chaitra S	2:00PM to 2:25PM	Room No-A-216 12-04-2023
	BHARGAVI AGNIHOTRI	IDB19EC019				
	KAVYA K	IDB19EC058				
	KAVYA S HALLUR	IDB19EC062				
34	B S RAKSHITHA	IDB19EC015	Mr. Kishore Kumar	Mr. Kishore Kumar	2:25PM to 2:50PM	Room No-A-216 12-04-2023
	CHAITHIRA M H	IDB19EC027				
	DEEKSHITH B M	IDB19EC037				
	BHARATH P R	IDB19EC018				

**Project Coordinators:**

Mr. Suresha H. S.

Mrs. Lakshmidevi T R

TSB-4/4/23  
Professor & H.O.D.  
Dept. of BSC-EC & Communication  
BOSCO INSTITUTE OF TECHNOLOGY  
Kumbalangi, BANGALORE-560 077







4/4/23  
4/4/23




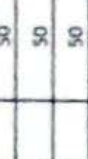


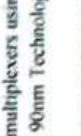
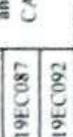

**DON BOSCO INSTITUTE OF TECHNOLOGY, BANGALORE**  
Department of Electronics and Communication Engineering

Project Phase -2 Review-1 Marks AY 2022-23

Date: 7.03.2023 to 08-03-2023

Project Group No.	Project Associates	USN	Title of the project	Guide	Guide marks	Panel Member-1 marks	Panel Member-2 marks	Phase-2 review-1 marks	Signature of Faculty
1	AFREEN TAJ	IDB19EC004	voice controlled automatic vacuum cleaner	Mrs Chaitra S	49	50	50	50	
	BHARGAVI AGNIHOTRI	IDB19EC019			49	49	50	50	
	KAVYA K	IDB19EC058			49	49	50	50	
	KAVYA S HALLUR	IDB19EC062			49	50	50	50	
2	AISHWARYA K M	IDB19EC005	Design of wireless monitoring system for detection of parkinson's disease using machine learning.	Mrs Rashmi K. T	42	42	42	42	
	AMRITHA PRIYA A	IDB19EC007			42	42	42	42	
	ARPITHA P	IDB19EC011			42	42	42	42	
	HEMASHREE R	IDB19EC051			42	42	42	42	
3	KEERTHAN R MATHAD	IDB19EC063	Text Recognition extraction and conversion to speech using deep learning	Mrs. Rashmi K. T	48	48	48	48	
	NAMITHA S R	IDB19EC082			49	49	48	49	
	NAYANA M	IDB19EC086			48	49	48	49	
	P P HAEMNATH	IDB19EC089			48	48	48	48	
4	MALLANGOUDA S PATIL	IDB19ET001	IOT Based smart parking using RFID, Barcode system and pre slot Booking	Dr. Jai Prakash Prasad	46	45	44	45	
	PAVAN J	IDB19ET003			46	45	44	45	
5	LAVANYA N	IDB19EC071	A comparative and Performance Evaluation of 6T and &T SRAM Cells in 180nm, 90nm Technology	Mrs. Tejaswini M. L.	50	50	50	50	
	N M NAYANA	IDB19EC080			50	50	50	50	
	NAMRATHA M	IDB19EC083			50	50	50	50	
	POORNIMA S	IDB19EC090			50	50	50	50	
6	DHARSHANIK A N	IDB19EC040	Intelligence Packaging System	Mrs. Pavithra H. V	48	48	48	48	
	DIVYA R VAIDYA	IDB19EC041			48	48	48	48	
	HARINI S M	IDB19EC046			48	48	48	48	
	HEERA N	IDB19EC050			48	48	48	48	













7	KISHAN P S	IDB19EC065	Physical design and comparative analysis of multiplexers using CADENCE 90nm Technology	Mrs Lakshmi Devi T R	48	48	48	48	
	MOHAMMED ATIQUE	IDB19EC077			50	50	50	50	
	NUTHAN Y J	IDB19EC087			50	50	50	50	
	PRAMODH H R	IDB19EC092			50	50	50	50	
	KIRAN G M	IDB19EC064			48	48	49	49	
8	MOHAN M	IDB19EC078	IoT Based smart security system using Machine learning	Mrs Swetha K	48	48	49	49	
	NAMRATHA S	IDB19EC084			48	50	50	50	
	NANDITHA H	IDB19EC085			48	50	50	50	
	BHARAT V G	IDB19EC016			50	50	50	50	
9	SANJAY GOWDA M D	IDB19EC112	Design and implementation of 32-bit RISC V processor using 90nm technology	Dr. Sharanabasappa	50	50	50	50	
	SATHYA R	IDB19EC115			50	50	50	50	
	SUDHANVA N PRASAD	IDB19EC125			50	50	50	50	
	AMRUTH S	IDB19EC008			40	40	40	40	
	HEBBARE SUMEET SHREEDHAR	IDB19EC049			40	40	40	40	
10	JAYANTH SHUKLA	IDB19EC057	3D Printer using ARDUINO and driver board	Dr Bhagya P	40	40	40	40	
	VIKAS M A	IDB19EC136			40	40	40	40	
	ANANYA V	IDB19EC009			48	48	48	48	
	CHANDANA N	IDB19EC030			48	48	48	48	
11	SOUNDARYA A M	IDB19EC122	Smart blind stick	Dr Bhagya P	48	48	48	48	
	CHIRANJEEVI C M	IDB19EC035			48	48	48	48	
	GAANA S KUMAR	IDB19EC045			47	47	47	47	
	HARSHITA B	IDB19EC047			47	47	46	47	
	JAYANTH C	IDB19EC056			48	48	48	48	
12	AKASH R	IDB19EC006	Design of 5G Antenna for smart watches, dongles & RFID tags	Mrs. Shubha G. N.	48	48	48	48	
	BHASKAR M	IDB19EC020			49	49	49	49	
	DARSHAN P	IDB19EC036			50	50	50	50	
	DEEPAK L	IDB19EC038			48	48	48	48	
	ARUN SUBAN M	IDB19EC012			47	46	47	47	
13	CHETHAN M	IDB19EC031	Aerial Agri-Cides using kinesics	Shashiranjani	48	47	47	48	
	CHETHAN M R	IDB19EC032			48	47	47	48	
	RAJESH KUMAR J	IDB19EC102			46	46	46	46	
14			Industrial boiler monitoring using IOT & optimization of combustion in furnace by neural networks	Mrs Roopa B. S.	47	47	47	47	
					48	47	47	48	
					48	47	47	48	
					46	46	46	46	



15	RASHMI S	IDB19EC105	Automated system for vehicle speed detection & density based traffic control	Dr. Chandrashekar N. S. & Dr. Aswath Narayan B S	48	48	48	48	48	
	SAKSHI DAMODAR UMARJI	IDB19EC111			47	47	47	47	47	
	SHRUSTI SHETTY S	IDB19EC119			47	47	47	47	47	
	SURAJ S	IDB19EC128			48	48	48	48	48	
16	SUSHMITHA R	IDB19EC129	Robot based pipe leakage detection	Mrs. Shwetha M.	47	47	47	47	47	
	VAIBHAV R	IDB19EC132			45	45	45	45	45	
	VAISHNAVI H N	IDB19EC133			47	47	47	47	47	
	YASHWANTH M P	IDB19EC143			45	45	45	45	45	
17	KISHORE V	IDB19EC066	Design and analysis of low power CMOS Comparators using 90nm Technology	Mrs. Shruthi G.	48	49	48	48	49	
	KUMUDHA L	IDB19EC067			48	48	48	48	48	
	PREMA B G	IDB19EC095			48	47	48	48	48	
	SRIHARI R	IDB19EC123			48	48	48	48	48	
18	KUSHAL GOWDA G	IDB19EC068	Automated smart robot library management system	Mrs Mahadevi S Manur	31	31	31	31	31	
	VENKATACHALANADEU R	IDB19EC134			40	40	40	40	40	
	THILAK K	IDB19EC131			31	31	31	31	31	
	SAKSHI SURESH JADHAV	IDB20EC400			40	40	40	40	40	
19	MUHAMMED ANIS	IDB19EC076	IOT based Vehicle accident detection system	Mr. C. Y. Gopinath	48	46	48	48	48	
	RAJAN R	IDB19EC104			47	45	46	46	46	
	SAANVIDHI H B	IDB19EC114			48	46	46	46	47	
	YASHAS S	IDB19EC142			47	45	47	47	47	
20	PREERANA JAIN	IDB19EC096	Smart Glasses for Paralyzed Patients	Dr. Jai Prakash Prasad	45	44	45	45	45	
	RAHIL AHMED	IDB19EC100			45	44	45	45	45	
	VINAY C	IDB19EC137			47	48	47	47	48	
	BHARADWAJ S	IDB19EC023			48	48	48	48	48	
21	BRUNDA R	IDB19EC024	Wireless Power charging system with self-adjusting charges nodes for electric vehicles	Mrs. Babitha S.	49	48	48	48	49	
	KAVYA R	IDB19EC061			48	48	48	48	48	
	LAVANYA GM	IDB19EC070			50	50	50	50	50	
	RAJHILA S	IDB19EC099			49	50	49	49	50	
22	SUMATI MS	IDB19EC126	Multiple disease prediction system using machine learning in python	Mrs Chaitra S	49	50	50	50	50	
	SUPRIYA M	IDB19EC127			49	49	49	49	49	



23	REETHA N M	IDB19EC106	smart vehicle security using biometric and WIFI module authentication	Mrs. Shwetha B. V	48	48	48	48	48	
	SAHANA S	IDB19EC110			48	48	48	48	48	
	SNEHA M	IDB19EC121			48	48	48	48	48	
	SHRUTHI S	IDB19EC120			48	48	48	48	48	
24	MONISHA R	IDB19EC079	Design and trust oriented analysis of instruction detection system in MANETS	Mrs. Shwetha B. V	47	47	47	47	47	
	PREETHI N	IDB19EC093			47	47	47	47	47	
	PRIYA V	IDB19EC097			47	47	47	47	47	
	CHAITANYA S	IDB19EC026			46	46	46	46	46	
25	CHANDANA D	IDB19EC029	IOT-enabled shipping container with environment monitoring and location tracking	Mr Suresha H.S.	46	46	46	46	46	
	DIVYASHREE B	IDB19EC042			46	46	46	46	46	
	MANOJ S R	IDB19EC073			44	44	44	44	44	
	PRADYUMNYA K G	IDB19EC091			48	48	48	48	48	
26	SANJITH KUMAR	IDB19EC113	Prediction of disease using machine learning	Dr. Chandrashekar N. S. & Mr. Kishore Kumar	44	44	44	44	44	
	VJETHA U M	IDB19EC135			48	48	48	48	48	
	MAMATHA BM	IDB19ET002			47	45	45	45	46	
	SHOBITHA P	IDB19ET004			49	49	49	49	49	
27	TEJASHWINI PATIL	IDB19ET005	Design and implementation of Vedic multiplier using Urdhva Triyambham Sutra	Mrs. Nandini A.S.	47	48	48	47	48	
	ANUJNA A	IDB19EC010			46	46	46	45	45	
	BHAVANA	IDB19EC021			46	46	46	45	46	
	CHINMAYI R	IDB19EC033			47	47	47	46	47	
28	HIMABINDU B C	IDB19EC052	Text summarization using Neural networks	Mrs. Roopa B. S.	47	47	47	46	47	
	KUSUMA S JAİKANT	IDB19EC069			47	47	47	47	47	
	NAGADEERAJ PS	IDB19EC081			47	47	47	47	47	
	SUDEEP R	IDB19EC124			31	31	31	31	31	
29	SYED IKRAM	IDB19EC130	A high performance CMOS voltage controlled Oscillator	Mr. Suresha H.S.	45	45	45	45	45	
	YASHAS H S	IDB19EC140			45	45	45	45	45	
	YASHAS R V	IDB19EC141			45	45	45	45	45	
	ABHEER PATIL	IDB19EC001			49	49	49	49	49	
30	BG TEJAS	IDB19EC013	Performance comprasism & image denoising filters	Dr. Sharanabasappa	49	49	49	49	49	
	BS JAYANTH	IDB19EC014			50	49	49	49	50	
	C SHREYAS	IDB19EC025			49	49	49	49	49	
31			Object detection and Accident avoidance in autonomous cars	Mrs. Babitha S.						



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40	OMKARI PADMANABHA	IDB19EC088	Design and Implementation of Booth Multiplier	Mrs. Soujanya A. P.	44	44	44	44	
	WILSON N	IDB19EC139			46	46	46	46	
	PAVITHRA E	IDB20EC401			46	46	46	46	
	VISHNU VIJAY A N	IDB20EC403			46	46	46	46	
41	ABHISHEK GOWDA V	IDB18EC002	Eight legged Spider using Aurdino	Mrs. Shwetha M.	46	46	46	46	
	KRUTHIK M V	IDB18EC061			46	46	46	46	
	NANDEESH A R	IDB18EC080			46	46	46	46	
	PRANAV G	IDB18EC096			46	46	46	46	
42	YASHU PRAJWAL NAG D	IDB17TE030	Forest fire alerting system with GPS Co-ordinates using IOT		35	35	35	35	
	RUTWIK R HEGDE	IDB18TE011			40	40	40	40	

**Project Coordinators:**

Mr. Suresha H. S.

Mrs. Lakshmi Devi T R

tsb-25/3/23

HOD-ECE

**Professor & H.O.D**

Dept. of Electronics & Communication  
**BUN BOSCO INSTITUTE OF TECHNOLOGY**  
 Sambalagodu, BANGALORE-560 070





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



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

Date-11-03-2023 to 13-03-2023








Project Group No.	Project Associates	USN	Title of the project	Guide	Guide marks	Panel Member-1 marks	Panel Member-2 marks	Phase -2 review-2 marks	Signature of Faculty
1	AFREEN TAJ	IDB19EC004	voice controlled automatic vacuum cleaner	Mrs. Chaitra S	50	50	50	50	
	BHARGAVI AGNIHOTRI	IDB19EC019			50	50	50	50	
	KAVYA K	IDB19EC058			50	50	50	50	
	KAVYA S HALLUR	IDB19EC062			50	50	50	50	
2	AISHWARYA K M	IDB19EC005	Design of wireless monitoring system for detection of parkinson's disease using machine learning.	Mrs. Rashmi K. T.	48	48	48	48	
	AMRITHA PRIYA A	IDB19EC007			48	48	48	48	
	ARPITHA P	IDB19EC011			48	48	48	48	
	HEMASHREE R	IDB19EC051			48	48	48	48	
3	KEERTHAN R MATHAD	IDB19EC063	Text Recognition extraction and conversion to speech using deep learning	Mrs. Rashmi K. T.	49	49	49	49	
	NAMITHA S R	IDB19EC082			49	49	49	49	
	NAYANA M	IDB19EC086			49	49	49	49	
	P P HAEMNATH	IDB19EC089			46	46	46	46	
4	MALLANGOUDA S PATIL	IDB19ET001	IOT Based smart parking using RFID, Barcode system and pre slot Booking	Dr. Jai Prakash Prasad	46	45	44	45	
	PAVAN J	IDB19ET003			46	45	44	45	
5	LAVANYA N	IDB19EC071	A comparative and Performance Evaluation of 6T and &T SRAM Cells in 180nm ,90nm Technology	Mrs. Tejaswini M. L.	50	50	50	50	
	N M NAYANA	IDB19EC080			49	49	49	49	
	NAMRATHA M	IDB19EC083			49	49	49	49	
	POORNIMA S	IDB19EC090			50	50	50	50	

6	DHARSHANIKA A N	IDB19EC040	Intelligence Packing System	Mrs. Pavithra H. V.	48	48	48	48	
	DIVYA R VAIDYA	IDB19EC041			48	48	48	48	
	HARINI S M	IDB19EC046			48	48	48	48	
	HEERA N	IDB19EC050			48	48	48	48	
	KISHAN P S	IDB19EC065			45	45	45	45	
7	MOHAMMED ATIQUE	IDB19EC077	Physical design and comparative analysis of multiplexers using CADENCE 90nm Technology	Mrs. Lakshmidevi T. R.	50	50	50	50	
	NUTHAN Y J	IDB19EC087			50	50	50	50	
	PRAMODH H R	IDB19EC092			50	50	50	50	
	KIRAN G M	IDB19EC064			50	50	50	50	
8	MOHAN M	IDB19EC078	IoT Based smart security system using Machine learning	Mrs. Shwetha K	50	50	50	50	
	NAMRATHA S	IDB19EC084			50	50	50	50	
	NANDITHA H	IDB19EC085			50	50	50	50	
	BHARAT V G	IDB19EC016			48	48	48	48	
9	SANJAY GOWDA M D	IDB19EC112	Design and implementation of 32-bit RISC V processor using 90nm technology	Dr. Sharanabasappa	48	48	48	48	
	SATHYA R	IDB19EC115			50	50	50	50	
	SUDHANVA N PRASAD	IDB19EC125			48	48	48	48	
	AMRUTH S	IDB19EC008			40	40	40	40	
10	HEBBARE SUMEET	IDB19EC049	3D Printer using ARDUINO and driver board	Dr. Bhagya P.	40	40	40	40	
	SHREEDHAR	IDB19EC057			40	40	40	40	
	JAYANTH SHUKLA	IDB19EC136			40	40	40	40	
	VIKAS M A	IDB19EC009			48	48	48	48	
11	ANANYA V	IDB19EC030	Smart blind stick	Dr. Bhagya P.	48	48	48	48	
	CHANDANA N	IDB19EC122			48	48	48	48	
	SOUNDARYA A M	IDB19EC035			48	48	48	48	
	CHIRANJEEVI C M	IDB19EC045			48	48	48	48	
12	GAANA S KUMAR	IDB19EC047	Design of 5G Antenna for smart watches, dongles&RFID tags	Mrs. Shubha G. N.	48	48	48	48	
	HARSHITA B	IDB19EC056			48	48	48	48	
	JAYANTH C				48	48	48	48	
					48	48	48	48	



13	AKASH R	IDB19EC006	Aerial Agri-Cides using kinesics	Dr. Shashikiranjan	48	48	48	48	✓
	BHASKAR M	IDB19EC020			49	49	49	49	
	DARSHAN P	IDB19EC036			50	50	50	50	
	DEEPAK L	IDB19EC038			48	48	48	48	
14	ARUN SUBAN M	IDB19EC012	Industrial boiler monitoring using IOT & optimization of combustion in furnace by neural networks	Mrs. Roopa B. S.	48	48	47	48	✓
	CHEETHAN M	IDB19EC031			48	48	48	48	
	CHEETHAN M R	IDB19EC032			48	48	48	48	
	RAJESH KUMAR J	IDB19EC102			47	47	48	48	
15	RASHMI S	IDB19EC105	Automated system for vehicle speed detection & density based traffic control	Dr. Chandrashekar N. S. & Dr. Aswath Narayan B S	48	48	48	48	✓
	SAKSHI DAMODAR UMARJI	IDB19EC111			47	47	47	47	
	SHRUSTI SHETTY .S	IDB19EC119			47	47	47	47	
	SURAJ S	IDB19EC128			48	48	48	48	
16	SUSHMITHA R	IDB19EC129	Robot based pipe leakage detection	Mrs. Shwetha M.	50	50	50	50	✓
	VAIBHAV R	IDB19EC132			50	50	50	50	
	VAISHNAVI H N	IDB19EC133			49	49	49	49	
	YASHWANTH M P	IDB19EC143			49	49	49	49	
17	KISHORE V	IDB19EC066	Design and analysis of low power CMOS Comparators using 90nm Technology	Mrs. Shruthi G.	48	48	48	48	
	KUMUDHA L	IDB19EC067			48	48	48	48	
	PREMA B G	IDB19EC095			48	48	48	48	
	SRIHARI R	IDB19EC123			48	48	48	48	
18	KUSHAL GOWDA G	IDB19EC068	Automated smart robot library management system	Mrs. Mahadevi S Manur	31	31	31	31	✓
	VENKATACHALANAIDU R	IDB19EC134			40	40	40	40	
	THILAK K	IDB19EC131			31	31	31	31	
	SAKSHI SURESH JADHAV	IDB20EC400			40	40	40	40	



19	MOHAMMED ANIS	IDB19EC076	IOT based Vechile accident detetion system	Mr. C. Y. Gopinath	48	46	47	47	
	RANJAN R	IDB19EC104			47	45	46	46	
	SANNIDHI H B	IDB19EC114			48	46	47	47	
	YASHAS S	IDB19EC142			47	45	46	46	
20	PRERANA JAIN	IDB19EC096	Smart Glasses for Paralysed Patients	Dr. Jai Prakash Prasad	45	44	45	45	
	RAHIL AHMED	IDB19EC100			45	44	45	45	
	VINAY C	IDB19EC137			47	48	47	48	
	BHOOMIKA S	IDB19EC023			50	48	48	49	
21	BRUNDA R	IDB19EC024	Wireless Power charging system with self-adjusting charges nodes for electric vehicles	Mrs. Babitha S.	50	49	49	50	
	KAVYA R	IDB19EC061			49	48	48	49	
	LAVANYA GM	IDB19EC070			50	50	50	50	
	RADHIKA S	IDB19EC099			50	50	50	50	
22	SUMATI MS	IDB19EC126	Multiple disease prediction system using machine learning in python	Mrs. Chaitra S	50	50	50	50	
	SUPRIYA M	IDB19EC127			49	50	50	50	
	REETHA N M	IDB19EC106			48	47	48	48	
	SAHANA S	IDB19EC110			48	47	48	48	
23	SNEHA M	IDB19EC121	smart vechile security using biometric and WIFI module authentication	Mrs. Shwetha B. V.	48	47	48	48	
	SHRUTHI S	IDB19EC120			48	47	48	48	
	MONISHA.R	IDB19EC079			47	47	47	47	
	PREEETHI .N	IDB19EC093			47	47	47	47	
24	PRIYA.V	IDB19EC097	Design and trust oriented analysis of instruction detection system in MANETS	Mrs. Shwetha B. V.	47	47	47	47	
	CHAITANYA S	IDB19EC026			47	47	47	47	
	CHANDANA D	IDB19EC029			47	47	47	47	
	DIVYASHREE B	IDB19EC042			47	47	47	47	
25			IOT -enabled shipping container with environment mointoring and location tracking	Mr. Suresha H.S.	47	47	47	47	
					47	47	47	47	
					47	47	47	47	
					47	47	47	47	







26	MANOJ S R	IDB19EC073	Prediction of disease using machine learning	Dr. Chandrashekar N. S. & Mr. Kishore Kumar	47	47	47	47	
	PRADYUMNYA K G	IDB19EC091			47	47	47	47	
	SANJITH KUMAR	IDB19EC113			47	47	47	47	
	VIJETHA U M	IDB19EC135			47	47	47	47	
27	MAMATHA BM	IDB19ET002	Design and implementation of Vedic multiplier using Urdhva Triyambham Sutra	Mrs. Nandini A.S.	45	43	46	45	
	SHOBITHA P	IDB19ET004			48	47	48	48	
	TEJASHWINI PATIL	IDB19ET005			45	44	45	45	
	ANUJNA A	IDB19EC010			47	47	48	48	
28	BHAVANA	IDB19EC021	Text summarization using Neural networks	Mrs. Roopa B. S.	47	47	48	48	
	CHINMAYI R	IDB19EC033			48	48	47	48	
	HIMABINDU B C	IDB19EC052			48	48	47	48	
	KUSUMA S JAIKANT	IDB19EC069			48	48	48	48	
29	NAGADEERAJ PS	IDB19EC081	High performance CMOS controlled Oscillator	Mr. Suresha H.S.	47	47	47	47	
	SUDEEP R	IDB19EC124			31	31	31	31	
30	SYED IKRAM	IDB19EC130	Performance comprasism, & image denoising filters	Dr. Sharanabasappa	44	44	44	44	
	YASHAS H S	IDB19EC140			44	44	44	44	
	YASHAS R V	IDB19EC141			44	44	44	44	
	ABHEER PATIL	IDB19EC001			49	49	49	49	
31	BG TEJAS	IDB19EC013	Object detection and Accident avoidance in autonomous cars	Mrs. Babitha S.	49	49	49	49	
	BS JAYANTH	IDB19EC014			50	49	49	50	
	C SHREYAS	IDB19EC025			50	48	48	49	
	PREKSHA H JAIN	IDB19EC094	Advanced military SPY ROBOT and BOMB disposal		47	46	47	47	
32	PRIYANKA RY	IDB19EC098		Dr. A. N. Maheswarappa	48	48	47	48	



33	ABHISHEK N	IDB19EC002	wireless power transmission to electric vehicle using solar energy	Mr. YOGESH G	42	41	42	42
	BHARATH MK	IDB19EC017			40	40	40	40
	K MANJUNATH	IDB19EC059			44	44	45	45
	CHANDAN S	IDB19EC028			44	44	45	45
34	B S RAKSHITHA	IDB19EC015	Implementation of crop protection system against wild animal attack	Mr. Kishore Kumar	47	47	47	47
	CHAITHRA M H	IDB19EC027			47	47	47	47
	DEEKSHITH B M	IDB19EC037			47	47	47	47
	BHARATH P R	IDB19EC018			47	47	47	47
35	ABHISHEK P D	IDB19EC003	OTP based cardless Transaction using ATM	Mrs. Pavithra H. V.	48	48	48	48
	BHAVANA B	IDB19EC022			48	48	48	48
	CHIRAG M	IDB19EC034			48	48	48	48
	JAGDISH L	IDB19EC055			48	48	48	48
36	J TARUN	IDB19EC054	smart hand gesture generator	Mrs. Soujanya A. P.	46	45	45	45
	MADHUKUMAR P N	IDB19EC072			46	45	45	45
	RAHUL CHANDRASHEKAR	IDB19EC101			46	46	46	45
	SHASHIDHARA D	IDB19EC116			46	46	46	45
37	DHANUSH M	IDB19EC0039	IOT based smart prepaid energy Meter	Mrs. Mahadevi S Manur	47	45	47	47
	DIVYASHREE N	IDB19EC043			47	46	47	47
	HARSHITHA P	IDB19EC048			47	45	47	47
	RUCHITHA V A	IDB19EC108			49	49	49	49
38	SHILPA LAMANI	IDB19EC117	Camouflage ROBOT for military Applications	Mrs. Lakshmidevi T. R.	49	49	49	49
	SHILPA Y	IDB19EC118			49	49	49	49
	SHASHANK N	IDB20EC402			49	49	49	49
					49	49	49	49



39	ISHA SHANKAR G	IDB19EC053	Smart security based automated safe deposite locker	Mrs. Shwetha K	49	50	48	49	
	KAMASANI UHA	IDB19EC060			49	50	48	49	
	RAKSHITH R	IDB19EC103			49	50	48	49	
	S M VAISHNAVI	IDB19EC109			49	50	48	49	
40	OMKARI PADMANABHA	IDB19EC088	Design and Implementation of Booth Multiplier	Mrs. Soujanya A. P.	44	44	44	44	
	WILSON N	IDB19EC139			46	46	46	46	
	PAVITHRA E	IDB20EC401			46	46	46	46	
	VISHNU VIJAY A N	IDB20EC403			46	46	46	46	
41	ABHISHEK GOWDA V	IDB18EC002	Eight legged Spider using Aurdino	Mrs. Shwetha M.	46	46	46	46	
	KRUTHIK M V	IDB18EC061			46	46	46	46	
	NANDEESH A R	IDB18EC080			46	46	46	46	
	PRANAV G	IDB18EC096			46	46	46	46	
42	YASHU PRAJWAL NAG D	IDB17TE030	Forest fire alerting system with GPS Co-ordinates using IOT	Dr. Shashiranjani	35	35	35	35	
	RUTWIK R HEGDE	IDB18TE011			40	40	40	40	

**Project Coordinators:**

Mr. Suresha H. S.

Mrs. Lakshmidhevi T R

*tsk 24/4/23*

**HOD-ECE**

**Professor & H.O.D**

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**Bambalagodu, BANGALORE-560 076**

**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	Signature of Faculty
1	AFREEN TAJ	IDB19EC004	voice controlled automatic vacuum cleaner	Mrs. Chaitra S	50	50	100	40	
	BHARGAVI AGNIHOTRI	IDB19EC019			50	50	100	40	
	KAVYA K	IDB19EC058			50	50	100	40	
	KAVYA S HALLUR	IDB19EC062			50	50	100	40	
2	AISHWARYA K M	IDB19EC005	Design of wireless monitoring system for detection of parkinson's disease using machine learning.	Mrs. Rashmi K. T.	42	48	90	36	
	AMRITHA PRIYA A	IDB19EC007			42	48	90	36	
	ARPITHA P	IDB19EC011			42	48	90	36	
	HEMASHREE R	IDB19EC051			42	48	90	36	
3	KEERTHAN R MATHAD	IDB19EC063	Text Recognition extraction and conversion to speech using deep learning	Mrs. Rashmi K. T.	48	49	97	39	
	NAMITHA S R	IDB19EC082			49	49	98	40	
	NAYANA M	IDB19EC086			49	49	98	40	
	P P HAEMNATH	IDB19EC089			48	46	94	38	
4	MALLANGOUDA S PATIL	IDB19ET001	IOT Based smart parking using RFID, Barcode system and pre slot Booking	Dr. Jai Prakash Prasad	45	45	90	36	
	PAVAN J	IDB19ET003			45	45	90	36	
5	LAVANYA N	IDB19EC071	A comparative and Performance Evaluation of 6T and 8T SRAM Cells in 180nm .90nm Technology	Mrs. Tejaswini M. L.	50	50	100	40	
	N M NAYANA	IDB19EC080			50	49	99	40	
	NAMRATHA M	IDB19EC083			50	49	99	40	
	POORNIMA S	IDB19EC090			50	50	100	40	



6	DHARSHANIK A N	IDB19EC040	Intelligence Packing System	Mrs. Pavithra H. V.	48	48	96	39	
	DIVYA R VAIDYA	IDB19EC041			48	48	96	39	
	HARINI S M	IDB19EC046			48	48	96	39	
	HEERA N	IDB19EC050			48	48	96	39	
7	KISHAN P S	IDB19EC065	Physical design and comparative analysis of multiplexers using CADENCE 90nm Technology	Mrs. Lakshmi Devi T. R.	48	45	93	38	
	MOHAMMED A TIQUE	IDB19EC077			50	50	100	40	
	NUTHAN Y J	IDB19EC087			50	50	100	40	
	PRAMODH H R	IDB19EC092			50	50	100	40	
8	KIRAN G M	IDB19EC064	IoT Based smart security system using Machine learning	Mrs. Shwetha K	49	50	99	40	
	MOHAN M	IDB19EC078			49	50	99	40	
	NAMRATHA S	IDB19EC084			50	50	100	40	
	NANDITHA H	IDB19EC085			50	50	100	40	
9	BHARAT V G	IDB19EC016	Design and implementation of 32-bit RISC V processor using 90nm technology	Dr. Sharanabasappa	50	48	98	40	
	SANJAY GOWDA M D	IDB19EC112			50	48	98	40	
	SATHYA R	IDB19EC115			50	50	100	40	
	SUDHANVA N PRASAD	IDB19EC125			50	48	98	40	
10	AMRUTH S	IDB19EC008	3D Printer using ARDUINO and driver board	Dr. Bhagya P.	40	40	80	32	
	HEBBARE SUMEET SHREEDHAR	IDB19EC049			40	40	80	32	
	JAYANTH SHUKLA	IDB19EC057			40	40	80	32	
	VIKAS M A	IDB19EC136			40	40	80	32	
11	ANANYA V	IDB19EC009	Smart blind stick	Dr. Bhagya P.	48	48	96	39	
	CHANDANA N	IDB19EC030			48	48	96	39	
	SOUNDARYA A M	IDB19EC122			48	48	96	39	

12	CHIRANJEEVI C M	IDB19EC035	Design of 5G Antenna for smart watches, dongles & RFID tags	Mrs. Shashida G. N.	48	48	96	38
	GAANA S KUMAR	IDB19EC045			47	48	95	38
	HARSHITA B	IDB19EC047			47	48	95	38
	JAYANTH C	IDB19EC056			48	48	96	39
13	AKASH R	IDB19EC006	Aerial Agri-Cides using kinesics	Dr. Shashiranjana	48	48	96	39
	BHASKAR M	IDB19EC020			49	49	98	40
	DARSHAN P	IDB19EC036			50	50	100	40
	DEEPAK L	IDB19EC038			48	48	96	39
14	ARUN SUBAN M	IDB19EC012	Industrial boiler monitoring using IOT & optimization of combustion in furnace by neural networks	Mrs. Roopa B. S.	47	48	95	38
	CHEETHAN M	IDB19EC031			48	48	96	39
	CHEETHAN M R	IDB19EC032			48	48	96	39
	RAJESH KUMAR J	IDB19EC102			46	48	94	38
15	RASHMI S	IDB19EC105	Automated system for vehicle speed detection & density based traffic control	Dr. Chandrashekar N. S. & Dr. Aswath Narayan B S	48	48	96	39
	SAKSHI DAMODAR UMARJI	IDB19EC111			47	47	94	38
	SHRUSTI SHETTY S	IDB19EC119			47	47	94	38
	SURAJ S	IDB19EC128			48	48	96	39
16	SUSHMITHA R	IDB19EC129	Robot based pipe leakage detection	Mrs. Shwetha M.	47	50	97	39
	VAIBHAV R	IDB19EC132			45	50	95	38
	VAISHNAVI H N	IDB19EC133			47	49	96	39
	YASHWANTH M P	IDB19EC143			45	49	94	38
17	KISHORE V	IDB19EC066	Design and analysis of low power CMOS Comparators using 90nm Technology	Mrs. Shruthi G.	49	48	97	39
	KUMUDHA L	IDB19EC067			48	48	96	39
	PREMA B G	IDB19EC095			48	48	96	39
	SRIHARI R	IDB19EC123			48	48	96	39
18	KUSHAL GOWDA G	IDB19EC068	Automated smart robot library management system	Mrs. Mahadevi S Manur	31	31	62	25
	VENKATACHALANAIDU R	IDB19EC134			40	40	80	32
	THILAK K	IDB19EC131			31	31	62	25
	SAKSHI SURESH JADHAV	IDB20EC400			40	40	80	32



19	MOHAMMED ANIS	IDB19EC076	IOT based Vechicle accident detetion system	Mr. C. Y. Gopinath	48	47	95	38	
	RANJAN R	IDB19EC104			46	46	92	37	
	SANNIDHI H B	IDB19EC114			47	47	94	38	
	YASHAS S	IDB19EC142			47	46	93	38	
20	PRERANA JAIN	IDB19EC096	Smart Glasses for Paralysead Patients	Dr. Jai Prakash Prasad	45	45	90	36	
	RAHIL AHMED	IDB19EC100			45	45	90	36	
	VINAY C	IDB19EC137			48	48	96	39	
	BHOOMIKA S	IDB19EC023			48	49	97	39	
21	BRUNDA R	IDB19EC024	Wireless Power charging system with self-adjusting charges nodes for electric vehicles	Mrs. Babitha S.	49	50	99	40	
	KAVYA R	IDB19EC061			48	49	97	39	
	LAVANYA GM	IDB19EC070			50	50	100	40	
	RADHIKA S	IDB19EC099			50	50	100	40	
22	SUMATI MS	IDB19EC126	Multiple disease prediction system using machine learning in python	Mrs. Chaitra S	50	50	100	40	
	SUPRIYA M	IDB19EC127			49	50	99	40	
	REETHA N M	IDB19EC106			48	48	96	39	
	SAHANA S	IDB19EC110			48	48	96	39	
23	SNEHA M	IDB19EC121	smart vechile security using biometric and WIFI module authentication	Mrs. Shwetha B. V.	48	48	96	39	
	SHRUTHI S	IDB19EC120			48	48	96	39	
	MOONISHA R	IDB19EC079			47	47	94	38	
	PREETHI N	IDB19EC093			47	47	94	38	
24	PRIYA V	IDB19EC097	Design and trust oriented analysis of instruction detection system in MANETS	Mrs. Shwetha B. V.	47	47	94	38	

25	CHAITANYA S	IDB19EC026	IOT -enabled shipping container with environment monitoring and location tracking	Mr. Suresha H.S.	46	47	93	38	
	CHANDANA D	IDB19EC029			46	47	93	38	
	DIVYASHREE B	IDB19EC042			46	47	93	38	
	MANOJ S R	IDB19EC073			44	47	91	37	
26	PRADYUMNYA K G	IDB19EC091	Prediction of disease using machine learning	Dr. Chandrashekar N. S. & Mr. Kishore Kumar	48	47	95	38	
	SANJITH KUMAR	IDB19EC113			44	47	91	37	
	VIJETHA U M	IDB19EC135			48	47	95	38	
27	MAMATHA BM	IDB19ET002	Design and implementation of Vedic multiplier using Urdhva Triyambham Sutra	Mrs. Nandini A.S.	46	45	91	37	
	SHOBITHA P	IDB19ET004			49	48	97	39	
	TEJASHWINI PATIL	IDB19ET005			48	45	93	38	
28	ANUJNA A	IDB19EC010	Text summarization using Neural networks	Mrs. Roopa B. S.	46	48	94	38	
	BHAVANA	IDB19EC021			46	48	94	38	
	CHINMAYI R	IDB19EC033			47	48	95	38	
	HIMABINDU B C	IDB19EC052			47	48	95	38	
29	KUSUMA S JAIKANT	IDB19EC069	High performance CMOS controlled-Oscillator	Mr. Suresha H.S.	47	48	95	38	
	NAGADEERAJ PS	IDB19EC081			47	47	94	38	
30	SUDEEP R	IDB19EC124	Performance comprasism & image denoising filters	Dr. Sharanabasappa	31	31	62	25	
	SYED IKRAM	IDB19EC130			45	44	89	36	
	YASHAS H S	IDB19EC140			45	44	89	36	
	YASHAS R V	IDB19EC141			45	44	89	36	
31	ABHEER PATIL	IDB19EC001	Object detection and Accident avoidance in autonomous cars	Mrs. Babitha S.	49	49	98	40	
	BG TEJAS	IDB19EC013			49	49	98	40	
	BS JAYANTH	IDB19EC014			50	50	100	40	
	C SHREYAS	IDB19EC025			49	49	98	40	
32	PREKSHA H JAIN	IDB19EC094	Advanced military SPY ROBOT and BOMB disposal	Dr. A. N. Maheswarappa	47	47	94	38	
	PRJYANKA RY	IDB19EC098			48	48	96	39	
33	ABHISHEK N	IDB19EC002	wireless power transmission to electric vehicle using solar energy	Mr. YOGESH G	39	42	81	33	
	BHARATH MK	IDB19EC017			38	40	78	32	
	K MANJUNATH	IDB19EC059			41	45	86	35	
	CHANDAN S	IDB19EC028			41	45	86	35	



34	B S RAKSHITHA	IDB19EC015	Implementation of crop protection system against wild animal attack	Mr. Kishore Kumar	44	47	91	37	
	CHAITHRA M H	IDB19EC027			44	47	91	37	
	DEEKSHITH B M	IDB19EC037			44	47	91	37	
	BHARATH P R	IDB19EC018			44	47	91	37	
35	ABHISHEK P D	IDB19EC003	OTP based cardless Transaction using ATM	Mrs. Pavithra H. V.	47	48	95	38	
	BHAVANA B	IDB19EC022			47	48	95	38	
	CHIRAG M	IDB19EC034			47	48	95	38	
	JAGDISH L	IDB19EC055			47	48	95	38	
36	J TARUN	IDB19EC054	smart hand gesture generator	Mrs. Soujanya A. P.	44	46	90	36	
	MADHUKUMAR P N	IDB19EC072			44	46	90	36	
	RAHUL CHANDRASHEKAR	IDB19EC101			44	46	90	36	
	SHASHIDHARA D	IDB19EC116			44	46	90	36	
37	DHANUSH M	IDB19EC0039	IOT based smart prepaid energy Meter	Mrs. Mahadevi S Manur	45	47	92	37	
	DIVYASHREE N	IDB19EC043			45	47	92	37	
	HARSHITHA P	IDB19EC048			43	47	90	36	
	RUCHITHA V A	IDB19EC108			48	49	97	39	
38	SHILPA LAMANI	IDB19EC117	Camouflage ROBOT for military Applications	Mrs. Lakshmidevi T. R.	48	49	97	39	
	SHILPA Y	IDB19EC118			48	49	97	39	
	SHASHANK N	IDB20EC402			48	49	97	39	
	ISHA SHANKAR G	IDB19EC053			48	49	97	39	
39	KAMASANI UHA	IDB19EC060	Smart security based automated safe deposit locker	Mrs. Shwetha K	48	49	97	39	
	RAKSHITH R	IDB19EC103			48	49	97	39	
	S M VAISHNAVI	IDB19EC109			48	49	97	39	
	OMKARI PADMANABHA	IDB19EC088			44	44	88	36	
40	WILSON N	IDB19EC139	Design and Implementation of Booth Multiplier	Mrs. Soujanya A. P.	46	46	92	37	
	PAVITHRA E	IDB20EC401			46	46	92	37	
	VISHNU VIJAY A N	IDB20EC403			46	46	92	37	

41	ABHISHEK GOWDA V	IDB18EC002	Eight legged Spider using Aurdino	Mrs. Shwetha M.	46	46	92	37	32
	KRUTHIK M V	IDB18EC061			46	46	92	37	
	NANDEESH A R	IDB18EC080			46	46	92	37	
	PRANAV G	IDB18EC096			46	46	92	37	
42	YASHU PRAJWAL NAG D	IDB17TE030	Forest fire alerting system with GPS Co-ordinates using IOT	Dr. Shashiranjani	35	35	70	28	32
	RUTWIK R HEGDE	IDB18TE011			40	40	80	32	

**Project Coordinators:**

Mr. Suresha H. S.

Mrs. Lakshmidevi T R

TSB 30/4/23

HOD-ECE

Professor & H.O D

Dept. of Electronics & Communication

BUN BOSCO INSTITUTE OF TECHNOLOGY

Bangalore, BANGALORE-560 075



	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
24	BHASKAR M	1DB19EC020	40
25	BHAVANA	1DB19EC021	38
26	BHAVANA B	1DB19EC022	38
27	BHOOMIKA S	1DB19EC023	39
28	BRUNDA R	1DB19EC024	40
29	C SHREYAS	1DB19EC025	40
30	CHAITANYA S	1DB19EC026	38
31	CHAITHRA M H	1DB19EC027	37
32	CHANDAN S	1DB19EC028	35
33	CHANDANA D	1DB19EC029	38
34	CHANDANA N	1DB19EC030	39
35	CHETHAN M	1DB19EC031	39
36	CHETHAN M R	1DB19EC032	39
37	CHINMAYI R	1DB19EC033	38
38	CHIRAG M	1DB19EC034	38
39	CHIRANJEEVI C M	1DB19EC035	39
40	DARSHAN P	1DB19EC036	40
41	DEEKSHITH B M	1DB19EC037	37
42	DEEPAK L	1DB19EC038	39
43	DHANUSH M	1DB19EC039	37



44	DHARSHANIKA A N	1DB19EC040	39
45	DIVYA R VAIDYA	1DB19EC041	39
46	DIVYASHREE B	1DB19EC042	38
47	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
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59	JAYANTH C	1DB19EC056	39
60	JAYANTH SHUKLA	1DB19EC057	32
61	KAVYA K	1DB19EC058	40
62	K MANJUNATH	1DB19EC059	35
63	KAMASANI UHA	1DB19EC060	39
64	KAVYA R	1DB19EC061	39
65	KAVYA S HALLUR	1DB19EC062	40
66	KEERTHAN R MATHAD	1DB19EC063	39
67	KIRAN G M	1DB19EC064	40
68	KISHAN P S	1DB19EC065	38
69	KISHORE V	1DB19EC066	39
70	KUMUDHA L	1DB19EC067	39
71	KUSHAL GOWDA G	1DB19EC068	0 25
72	KUSUMA S JAIKANT	1DB19EC069	38
73	LAVANYA GM	1DB19EC070	40
74	LAVANYA N	1DB19EC071	40
75	MADHUKUMAR P N	1DB19EC072	36
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79	MOHAN M	1DB19EC078	40
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82	NAGADEERAJ PS	1DB19EC081	38
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90	P P HAEMNATH	1DB19EC089	38



91	POORNIMA S	IDB19EC090	40
92	PRADYUMNYA K G	IDB19EC091	38
93	PRAMODH H R	IDB19EC092	40
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
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105	RANJAN R	IDB19EC104	37
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107	REETHA N M	IDB19EC106	39
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112	SANJAY GOWDA M D	IDB19EC112	40
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126	SUMATI MS	IDB19EC126	40
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143	SAKSHI SURESH JADHAV	1DB20EC400	0 32
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



Branch : EC

Semester : 8

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Course Name : PROJECT WORK PHASE II

Course Code: BECT33

Project Batch No. : 07

Title of the Project : VOICE CONTROL BASED AUTOMATIC VACUUM CLEANER

USN	Name	Guide										Panel Member										Panel Member										Marks							
		1										2										3											4						
		C1					C2					C3					C4					C5					C6							C7					8
		C1	C2	C3	C4	C5	C1	C2	C3	C4	C5	C1	C2	C3	C4	C5	C1	C2	C3	C4	C5	C1	C2	C3	C4	C5	C6	C7											
IDB19EC004	AFREEN TAJ	10	20	10	5	4	49	10	20	10	5	5	50	10	20	10	5	5	50	10	20	10	5	5	50	10	20	10	5	5	50								
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IDB19EC062	KAVYA S HALLUR	10	20	10	5	4	49	10	20	10	5	5	50	10	20	10	5	5	50	10	20	10	5	5	50	10	20	10	5	5	50								

Signature of the Faculty	1	2	3	4

Name of the Guide	Signature
Mrs. Chaitra S	

C1 Demonstration(50% of project)

C1 Methodology

C1 Report(log book)

C5 Questions and Answers

C3 Presentation & Discussion

tsb

HOD

Professor & H.O.D.

Dept. of Electronics & Communication  
BOSCO INSTITUTE OF TECHNOLOGY  
Bangalore-560 076

Revision: 7  
 Date: 12/11/22

Project Batch No.: 01

Course Code: 18ECPE3

Project Title: VOICE CONTROL BASED AUTOMATIC VACUUM CLEANER

Course Name: PROJECT WORK PHASE II

Title of the Project: VOICE CONTROL BASED AUTOMATIC VACUUM CLEANER

Centre Name : PROJECT WORK PHASE II			Automatic Vacuum Cleaner										Voice Control Based										Project Member										Panel Member										Project Member										Panel Member										Project Member										Panel Member										Project Member										Panel Member										Project Member										Panel Member										Project Member										Panel Member										Project Member										Panel Member										Project Member										Panel Member										Project Member										Panel Member										Project Member										Panel Member										Project Member										Panel Member										Project Member										Panel Member										Project Member										Panel Member										Project Member										Panel Member										Project Member										Panel Member										Project Member										Panel Member										Project Member										Panel Member										Project Member										Panel Member										Project Member										Panel Member										Project 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Signature of the Faculty:  Date: 

Name of the Guide:  Signature: 

Mrs. Chaitra S.

C1 Methodology

C2 Demonstration (song) of project

C3 Presentation & Discussion

C3 Questions and Answers

15b  
 HOD

Professor & H.O.D.  
 Dept. of Electronics & Communication  
 BOSCO INSTITUTE OF TECHNOLOGY  
 Bangalore, RANGALORE-560 077



**DON BOSCO INSTITUTE OF TECHNOLOGY**  
Department of Electronics and Communication Engineering  
Project Presentation Evaluation Sheet  
Academic Year: 2022-23 Even Sem

Review 1  
Date: 07/03/2023

Course Name : PROJECT WORK PHASE II  
Title of the Project : Design of Wireless Monitoring System for detection of Parkinson's disease using Machine Learning

Course Code: IRECP83

Project Batch No.: 2

USN		Name		Guide					Panel Member					HOD (Optional)					Average Marks	
				1					2					3						
				C1	C2	C3	C4	C5	Total	C1	C2	C3	C4	C5	Total	C1	C2	C3	C4	C5
IDB19EC005	AISHWARYA KM	10	15	10	4	3	42	10	5	10	4	3	42	10	5	10	4	3	42	42
IDB19EC007	AMRITHA PRIYA A	10	15	10	4	3	42	10	5	10	4	3	42	10	5	10	4	3	42	42
IDB19EC011	ARPITHA P	10	15	10	4	3	42	10	5	10	4	3	42	10	5	10	4	3	42	42
IDB19EC051	HEMASHREE R	10	15	10	4	3	42	10	5	10	4	3	42	10	5	10	4	3	42	42

Signature of the Faculty	1	2	3	4

Name of the Guide	Signature
Raghini. K.T	
Name of the Project Coordinator	Signature
Surisha HS	

C1 Methodology

C2 Demonstration(50% of project)

C3 Presentation & Discussion

C4 Report(log book)

C5 Questions and Answers

ASB  
HOD

**Professor & H.O.D.**  
Dept. of Electronics & Communication  
**DON BOSCO INSTITUTE OF TECHNOLOGY**  
Cambaigodu, BANGALORE-560 076.

**DON BOSCO INSTITUTE OF TECHNOLOGY**  
Department of Electronics and Communication Engineering

Project Presentation Evaluation Sheet  
Academic Year: 2022-23 Even Sem

Review 2

Date: 10/04/2023

Course Name : PROJECT WORK PHASE II

Course Code: 18ECPS3

Project Batch No.: 2

Title of the Project: *Design of Wireless Monitoring System for*

*Detection of Parkinson's disease using Machine Learning*

USN		Name		Guide										Panel Member										HOD (Optional)										Average Marks										
				1										2										3											4									
C1	C2	C3	C4	C5	Total	C1	C2	C3	C4	C5	Total	C1	C2	C3	C4	C5	Total	C1	C2	C3	C4	C5	Total	C1	C2	C3	C4	C5	Total															
	10	20	10	5	5	50	10	20	10	5	5	50	10	20	10	5	5	50	10	20	10	5	5	50	10	20	10	5	5	50														
18B19EC005	10	18	10	5	5	48	10	18	10	5	5	48	10	18	10	5	5	48	10	18	10	5	5	48						48														
18B19EC007	10	18	10	5	5	48	10	18	10	5	5	48	10	18	10	5	5	48	10	18	10	5	5	48						48														
18B19EC011	10	18	10	5	5	48	10	18	10	5	5	48	10	18	10	5	5	48	10	18	10	5	5	48						48														
18B19EC051	10	18	10	5	5	48	10	18	10	5	5	48	10	18	10	5	5	48	10	18	10	5	5	48						48														

Signature of the Faculty	1	2	3	4
	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>

Name of the Guide	Signature	Name of the Project Coordinator	Signature
<i>Mrs. Rashmi. K.T</i>	<i>[Signature]</i>		

C1 Methodology

C4 Report

C2 Demonstration(100% of project)

C5 Questions and Answers

C3 Presentation & Discussion

*[Signature]*  
HOD

**Professor & H.O.D.**

Dept. of Electronics & Communication  
**DON BOSCO INSTITUTE OF TECHNOLOGY**  
Bangalore BANGALORE-560 074



**DON BOSCO INSTITUTE OF TECHNOLOGY**  
Department of Electronics and Communication Engineering  
Project Presentation Evaluation Sheet  
Academic Year: 2022-23 Even Sem

Course Name : PROJECT WORK PHASE II

(Course Code: BECP83)

Project Batch No. : 03

Review 1

Date: 07/03/2023

Title of the Project : Text Recognition, Extraction and Conversion to Speech using Deep learning

USN	Name	Guide						Panel Member						Panel Member						HOD (Optional)						Average Marks
		1						2						3						4						
		C1	C2	C3	C4	C5	Total	C1	C2	C3	C4	C5	Total	C1	C2	C3	C4	C5	Total	C1	C2	C3	C4	C5	Total	
		10	20	10	5	5	50	10	20	10	5	5	50	10	20	10	5	5	50	10	20	10	5	5	50	
IDB19EC063	Keerthi R.M.	10	20	10	5	2	48	10	20	10	5	3	48	10	20	10	5	3	48							48
IDB19EC082	Narisha S.R.	10	20	10	5	4	49	10	20	10	5	4	49	10	20	10	5	3	48							49
IDB19EC086	Nayana M.	10	20	10	5	3	48	10	20	10	5	4	49	10	20	10	5	3	48							48
IDB19EC088	P.P. Radhama	10	20	10	5	3	49	10	20	10	5	3	48	10	20	10	5	3	48							48

Signature of the Faculty	1	2	3	4

Name of the Guide		Name of the Project Coordinator	
RASHMI. K.T		Suresha H.S	
Signature		Signature	

C1 Methodology

C2 Demonstration(50% of project)

C3 Presentation & Discussion

C4 Report(log book)

C5 Questions and Answers

Professor & HOD

Dept. of Electronics & Communication  
**DON BOSCO INSTITUTE OF TECHNOLOGY**  
Tumbalagodu, BANGALORE-560 076

**DON BOSCO INSTITUTE OF TECHNOLOGY**  
Department of Electronics and Communication Engineering

Project Presentation Evaluation Sheet  
Academic Year 2022-23 Even Sem

Review 2

Date: 08/02/2023

Course Code: 18ECP83 Project Batch No.: 03

Course Name: PROJECT WORK PHASE II

Title of the Project: Text Recognition, Extraction and Conversion to Speech using Deep Learning

USN		Name		Guide					Panel Member					Panel Member					HOD (Optional)					Average Marks		
				1					2					3					4							
C1	C2	C3	C4	C5	Total	C1	C2	C3	C4	C5	Total	C1	C2	C3	C4	C5	Total	C1	C2	C3	C4	C5	Total	50		
1DB19EC063	Keezhanur M	10	19	10	5	5	49	10	19	10	5	5	49	10	19	10	5	5	49	10	20	10	5	5	50	49
1DB19EC082	Narvitha S.R.	10	19	10	5	5	49	10	19	10	5	5	49	10	19	10	5	5	49	10	20	10	5	5	50	49
1DB19EC086	Nayana M.	10	19	10	5	5	49	10	19	10	5	5	49	10	19	10	5	5	49	10	20	10	5	5	50	49
1DB19EC087	P. P. Haemmath.	10	19	10	5	2	46	10	19	10	5	2	46	10	19	10	5	3	46	10	20	10	5	3	46	46

Signature of the Faculty	1	2	3	4

Name of the Faculty	Signature
Mr. Rashmi K T	

C1 Methodology

C4 Report

C2 Demonstration(100% of project)

C5 Questions and Answers

C3 Presentation & Discussion

45b  
HOD

**Professor & H.O.D.**  
**Dept. of Electronics & Communication**  
**DON BOSCO INSTITUTE OF TECHNOLOGY**  
Bangalore, BANGALORE-560 074



# **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 Guidance of

**Mrs. Lakshmid devi T. R.**

Assistant Professor

Dept. of ECE, DBIT



**DON BOSCO INSTITUTE OF TECHNOLOGY**

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

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**2022-2023**

# DON BOSCO INSTITUTE OF TECHNOLOGY

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.

*Lakshmi T. R.*  
24/5/23

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Assistant Professor,  
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*TSB* 22/5/23

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Name of the Examiners

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2. *Dr. A. N. Maheswarappa*

Signature with Date

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## 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  
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**DON BOSCO INSTITUTE OF TECHNOLOGY**

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

**Mysore road, Kumbalagodu, Bengaluru-560 074**

**2022-2023**



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Kumbalagodu, Mysore Road, Bengaluru – 560074.

## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

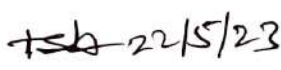


### CERTIFICATE

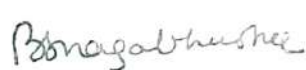
This is to certify that the Project work entitled “DESIGN OF WIRELESS MONITORING SYSTEM FOR DETECTION OF PARKINSON'S DISEASE USING MACHINE LEARNING” is a bonafide work carried out by our students Ms. AISHWARYA K M, USN: 1DB19EC005, Ms. AMRITHA PRIYA A, USN: 1DB19EC007, Ms. ARPITHA P, USN: 1DB19EC011, 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.



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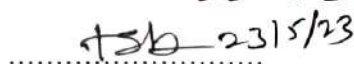
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## ABSTRACT

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.