National Education Society (R.)

J N N College of Engineering, Shivamogga

(Approved by AICTE, New Delhi, Certified by UGC 2f & 12B, Accredited by NAAC –'B',
UG programs:CE,ME,EEE,ECE,CSE,ISE,TCE accredited by NBA:1.7.2019 to 30.6.2022,
Recognized by Govt. of Karnataka and Affiliated to VTU, Belagavi)

Department of Electronics & Communication Engineering

Date: 01/10/2021

Project Evaluation Committee

Ref: Proceedings of the 23rd IQAC meeting dated 9.1.2019
VTU syllabus- 2018 scheme of syllabus

As per the directions from Institution Internal Quality Assurance Cell (IQAC) and VTU scheme of evaluation it is decided to constitute a Project Evaluation Committee to evaluate the final year project. The following are the members of the committee:

1. Head of the department
2. Guide of the respective project batches
3. Project coordinators

Evaluation guidelines:

1. There will be four project work reviews:
   e. Project synopsis review: last week of September
   f. Project phase 1 review: Second week of January
   g. Project progress review: First week of April
   h. Project Phase 2 review: last week of June

2. Project reviews and evaluation of Internal Assessment is based on the Evaluation Rubrics shared among Faculty members and students.

3. While evaluating the project report the guide may verify and guide the students based on the following parameters:
   a. Report adheres to the standard template of the report notified by the department
   b. Report writing is grammatically correct
   c. Technical content of the report
   d. Results and analysis
   e. Conclusions drawn based on the results obtained

Head of the Department
HOD E&C
Electronics and Communication
J.N.N. College of Engineering
SHIMOGA-577 204.

Date: 26-10-2021

Meeting Circular

Faculty meeting is called at **5: 00 PM** in **EC104** on **27-10-2021** to discuss about the **project work for the year 2021-22.**

Sl. No.	Faculty	Signature
01	Dr. S Pramod Kumar	
02	Sunil M D	
03	Ujwala B S	
04	Nalina S B	
05	Ajay Betur P	
06	Sharath S M	
07	Abhijith N	
08	Darshan K V	K.V. Darshan
09	Anil Kumar J	
10	Sheela S	
11	Pradeepa S C	
12	Roopa B S	
13	Sumathi K	
14	Prema K N	
15	Smitha S M	
16	Shwetha H R	
17	Shwetha B	
18	Harish T S	
19	Prashanth G S	

HOD ECE

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Department of Electronics & Communication Engineering

Date: 27.10.2021

Faculty meeting was convened on 27.10.2021 in EC104 at 5PM

Agenda: Project Work

Members Attended:

Sl. No.	Faculty	Sl. No.	Faculty
01	Dr. S. V. Sathyanarayana	12	Sheela S
02	Dr. Manjunatha P	13	Pradeepa S C
03	Dr. S Pramod Kumar	14	Roopa B S
04	Sunil M D	15	Sumathi K
05	Ujwala B S	16	Prema K N
06	Nalina S B	17	Smitha S M
07	Ajay Betur P	18	Shwetha H R
08	Sharath S M	19	Prashanth G S
09	Abhijith N	20	Shwetha B
10	Darshan K V	21	Harish T S
11	Anil Kumar J		

Proceedings:

HOD welcomed all the members and placed the agenda of the meeting. The following are discussed:

- Majority of projects executed in 2019-20 and 2020-21 were on embedded systems domain and very few were in VLSI and image processing domain.
- Some of the student projects got rewarded in exhibitions held at JNNCE and at other institutions.
- It is to be noted and appreciated that some project works were converted to publications.

As per the observations made on the projects, the area of project, the competitiveness of the project during the 2019-20 and 2020-21, following points were resolved during the meeting.

1. Dr. Pramod Kumar S and Mrs. Ujwala B S are allotted as project co-coordinators for the 2021-22 academic year and are informed to take care of project work during the seventh and eighth semester.
2. Students can be informed to explore on the VLSI based projects and signal processing-oriented projects.

3. Faculty members can provide some problem in their respective research areas that could be converted to a project.

4. Some industry-oriented project ideas can be circulated to the students as an initiative towards the innovation-based projects.
5. An attempt can be made to have maximum student publications on the projects during this academic year 2021-22.
6. All faculty members should motivate the students to apply for funding under KSCST and VTU financial assistance.

Dr. S. V. Sathyanarayana
HoD, E & C

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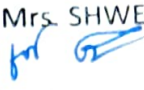# Jawaharlal Nehru New College of Engineering, Shivamogga

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INTERNAL QUALITY ASSURANCE CELL (IQAC)
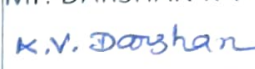
Department of Electronics and Communication Engineering

Project Work Batch Details 2021-22

Batch No.	USN	Name	Project Title	Guide
B1	4JN18EC030	GANESH G SHET	PACKING CONTROL MACHINE FOR INDUSTRIAL APPLICATIONS	Mrs. ROOPA B S
	4JN18EC029	GANASHREE K G		
	4JN18EC001	ABHISHEK A K		
	4JN18EC017	BHARGAVI S G		
B2	4JN18EC004	ADITHI.S.R	NEURAL NETWORK BASED DETECTION AND PREVENTION OF HUMAN ELEPHANT COLLISION	Mr. AJAY BETUR P
	4JN18EC024	CHITRASHREE		
	4JN18EC033	HARSHITHA. M. D		
	4JN18EC025	DEEKSHA. T. J		
B3	4JN18EC021	CHETHAN R	REAL TIME AND SECURE WIRELESS HEALTH MONITORING SYSYTEM	Dr.MANJUNATH P
	4JN18EC014	ARJUN KAMATH		
	4JN18EC009	AMITH N		
	4JN18EC023	CHINMAY G P		
B4	4JN18EC044	LIKITHA K P	DEEP LEARNING BASED IMAGE PROCESSING FOR COTTON LEAF DISEASE DETECTION	Mr. ABHIJEET N
	4JN18EC058	PAVANA P KULAL		
	4JN18EC056	NIKHITHA YADAV N		
	4JN18EC011	ANAGHA B R		
B5	4JN18EC026	DEEPAK BN	REAL TIME FACE EMOTION BASED MUSIC PLAYER	Mr. HARISH T S
	4JN18EC121	GAGANA HM		
	4JN19EC403	ANUSHA B V		
	4JN18EC039	KAVANA M		
B6	4JN19EC409	PREETHI K S	AN ENERGY SAVVY DATA COMPRESSION ALGORITHM SCHEME SUITABLE FOR WSN	Mrs. NALINA S B
	4JN19EC407	PALLAVI N S		
	4JN19EC404	ANUSHA G		
	4JN19EC408	POOJA A P		
B7	4JN18EC010	AMOGHAVARSHA S G	BALL BALANCING PID SYSTEM USING IMAGE PROCESSING	Mr. PRADEEPA S C
	4JN18EC057	NIRANJANA JOIS H C		
	4JN18EC041	KIRAN C N		
B8	4JN18EC124	ADITHYA T R	DROWSINESS DETECTION USING RASPBERRY-PI	Mr. DARSHAN K V
	4JN18EC122	SANTHOSH M S		
	4JN18EC106	UJWAL G		
	4JN18EC070	RAVIKUMAR G K		

	USN	Name	Project Title	Guide
B9	4JN18EC012	ANUSHREE N R	CHACHA STREAM CIPHER IMPLEMENTATION FOR NETWORK SECURITY IN WIRELESS SENSOR NETWORK	Mrs. SHEELA S
	4JN18EC036	INCHARA V SHETTY		
	4JN18EC063	PRIYA K V		
	4JN18EC068	RAKSHA S G		
B10	4JN18EC027	DILIP M	AUTOMATIC BRAIN TUMOR DETECTION AND CLASSIFICATION ON IMAGES USING MACHINE LEARNING TECHNIQUES	Mrs. SHWETHA H R
	4JN18EC061	PRATHEEK K Y		
	4JN18EC043	KUMAR V B		
	4JN18EC028	GAGAN H U		
B11	4JN18EC054	NEHA S BHARADWAJ	HAND GESTURE TO TEXT AND SPEECH CONVERSION SYSTEM	Mrs. SMITHA S M
	4JN18EC050	MOUNYA S M		
	4JN18EC008	AKSHATHA R KUNTE		
	4JN18EC045	MADHURA B N		
B12	4JN18EC049	MOHAMMED SHAHID	KIDNEY STONE RECOGNITION AND EXTRACTION USING VARIOUS IMAGE PROCESSING TECHNIQUES.	Mrs. SMITHA S M
	4JN18EC048	MOHAMMED SAQIB		
	4JN18EC046	MANOJ KUMAR K P		
	4JN18EC002	ADARSH PRABHAKAR		
B13	4JN18EC013	AREEB UR RAHAMAN	SMART GLASSES FOR VISUALLY IMPAIRED PEOPLE	Mr. HARISH T S
	4JN18EC060	PRAMOD.R		
	4JN18EC034	HEMANTH L		
	4JN19EC401	AFTAB HUSEN H LAKSHMESHWAR		
B14	4JN18EC031	GAUTHAM S G	CURRENCY SEGREGATION SYSTEM AND COUNTER USING DIGITAL IMAGE PROCESSING	Mr. PRASHANTH G S
	4JN18EC052	NATHANIEL SANTHOSH		
	4JN18EC047	MOHAMMED JUNAID A		
	4JN18EC020	CHARAN GADADE M		
B15	4JN19EC412	WILSON DSOUZA	CNC MACHINE BASED LASER ENGRAVER USING ARDUINO UNO	Mr. ANIL KUMAR J
	4JN19EC406	KIRANKUMAR R		
	4jn19ec400	ADARSHA D M		
	4JN18EC066	RAJAT KUMAR		
B16	4JN18EC016	BHARGAVI.G.N.	IMAGE STEGANOGRAPHY METHOD COMBINED WITH ELLIPTIC CURVE CRYPTOGRAPHY AND DEEP NEURAL NETWORK.	Mr. SUNIL M D
	4JN18EC019	BHOOMIKA.B.C.		
	4JN18EC006	AISHWARYA.S.		
	4JN18EC115	VINUSHA.K.		
B31	4JN18EC022	CHETHAN V	DESIGN AND VLSI IMPLEMENTATION OF 16 BIT ADC USING 45 NM FULL CUSTOM TECHNOLOGY FOR COGNITIVE RADIO.	Mr. PRADEEPA S C
	4JN18EC055	NIKHIL ANAND		
B17	4JN18EC089	SNEHA K S	AUTONOMOUS SENSOR TECHNOLOGY IN HYDROPONICS FOR MONITORING AND CONTROLLING OF PLANT GROWTH	Dr. S PRAMOD KUMAR
	4JN19EC411	VARSHITHA S		
	4JN19EC410	SWATHI R		
	4JN18EC125	NAVYA V SHET		
B18	4JN18EC090	SOUKYA B V	LAZY RANDOM WALKS FOR SUPERPIXEL SEGMENTATION	Mrs. SHWETHA B
	4JN18EC091	SPOORTHI T S		
	4JN18EC088	SINCHANA S RAVI		
	4JN18EC092	SPOORTHY		

B19	4JN18EC093	SUDHANVA H G	AUTOMATED ROBOCART USING DIGITAL IMAGE PROCESSING	Mr. SHARATH S M
	4JN18EC071	S BHARAT		
	4JN18EC075	SANATH N		
	4JN18EC116	VISHNU C R		
B20	4JN18EC069	RANJITHA P	HANDWRITTEN SCRIPT RECOGNITION USING DEEP LEARNING TECHNIQUES	Mrs. UJWALA B S
	4jn18ec072	SAHANA BN		
	4JN18EC086	SHWETHA R		
	4jn18ec074	SAMIKSHA HR		
B21	4JN18EC087	SIDDARTH M MUCHADI	AI TRAINER FOR ACTIVITY RECOGNITION VIA HPE AND HPC BY DEEP NEURAL NETWORKS	Mrs. PREMA K N
	4JN18EC080	SHAMANTA B R		
	4JN18EC110	VARUN M		
	4JN18EC015	BHANUPRIYA R		
B22	4JN18EC081	SHASHANK G S	AUTONOMOUS 3-D MAPPING AND NAVIGATING DROID	Mrs. PREMA K N
	4JN18EC085	SHRIPADA ADIGA		
	4JN18EC119	YASHAS VINAY		
	4JN18EC098	SUMANTH SHANBOG HR		
B23	4JN18EC053	NAVEEN C J	RC UNDERWATER SURVEILLANCE ROV DRONE	Mrs. SHWETHA B
	4JN18EC097	SUMANTH K		
	4JN18EC113	VIKRAM G V		
	4JN18EC099	SUMUKH B G		
B24	4JN18EC117	VISHRUTH V BELAGAVI	SMART REFREGERATOR USING IMAGE PROCESSING AND IOT	Mrs. SHWETHA H R
	4JN18EC118	VIVEK H B		
	4JN18EC077	SANJAY K B		
	4JN18EC105	UDAY S		
B25	4JN18EC094	SUHAS N S	INTEGRATED APPROACH OF INFORMATION SECURITY BY COMPRESSION, CRYPTOGRAPHY AND STEGANOGRAPHY	Dr. SATHYANARAYANA S V
	4JN18EC111	VIDYARANI S H		
	4JN18EC064	PRIYANKA P S		
	4JN18EC096	SUMAN S		
B26	4JN18EC095	SUMA M ANVEKAR	IMAGE CLASSIFICATION MODEL COMBINING RESNET BASED TRANSFER LEARNING	Mrs. SUMATHI K
	4JN18EC083	SHILPA S		
	4JN19EC402	ANUJNA B N		
	4JN19EC405	APOORVA A JAIN		
B27	4JN18EC082	SHASHANK K S	MULTIPLE IMAGE ENCRYPTION ALGORITHM BASED ON MIXED IMAGE ELEMENT AND CHAOS	Mrs. SHEELA S
	4JN18EC084	SHIVA KUMAR M		
	4JN18EC078	SANTOSH PARAMESHWAR NAIK		
	4JN18EC107	ULLAS R K		
B28	4JN18EC112	VIDYASHREE R	ADVANCED DRIVER ASSISTANCE SYSTEM	Mrs. ROOPA B S
	4JN18EC104	TWINKLE SRUSTI J K		
	4JN18EC062	PRIYA K S		
	4JN18EC065	RACHANA R HATHWAR		
B29	4JN18EC100	SUSHMA PRAKASH DESHANUR	DEEP CONVOLUTIONAL NEURAL NETWORK FOR AUTOMATIC MALARIA DETECTION	Mr. PRASHANTH G S
	4JN18EC108	UMM E HANI		

•	4JN18EC108	UMM E HANI	DEEP CONVOLUTIONAL NEURAL NETWORK FOR AUTOMATIC MALARIA DETECTION		
	4JN18EC102	TANUJA.V			
	4JN18EC103	THEJASWINI.D			
B30	4JN18EC101	SWATHI.S	SENTIMENTAL ANALYSIS USING MACHINE LEARNING	Mrs. SUMATHI K	
	4JN18EC073	SAHANA S K			
	4JN18EC076	SANIDHYA G.M			
	4JN18EC123	SHRUTHI.M			
B32 2017 Scheme	4JN18EC426	SUNIL KUMARA D T	FINGER PRINT BASED ELECTRIC LOAD SWITCHING GEAR FOR THE SAFETY OF LINEMAN	Mr. ANIL KUMAR J	
	4JN17EC033	KIRAN KUMAR K S			
	4JN18EC420	SHAMBHU NADAGER			
B33 2017 Scheme	4JN17EC012	APEKSHA C S	IOT BASED SMART AND ADAPTIVE LIGHTING IN STREET LIGHTS	Mr. DARSHAN K V K.V. Darshan	
	4JN17EC048	MONIKA K P			
	4JN16EC045	MANJUNATHA VIJAYAPPA BANGERA			
B34 2017 Scheme	4JN18EC411	NAVYASRI S R	REAL TIME IMPLEMENTATION OF VIRTUAL DOCTOR USING ROBOT	Mr. ABHIJEET N	
	4JN16EC102	TANIYA SHAIKH			
	4JN16EC087	SHRIDHARA S			
B35 2015 Scheme	4JN14EC009	ANKITH G M	AUTOMATIC FRUIT PLUCKING & SORTING SYSTEM USING RASPBERRY-Pi	Mr. SHARATH S M	
	4JN15EC104	PUNITH S			
	4JN16EC114	VARUN N			

Signature of the Coordinator

Dr. S Pramod Kumar
Associate Professor,
Dept. of ECE, JNNCE, Shimoga.

Signature of the HoD

Dr. S V Sathyanarayana
Professor and HoD
Dept. of ECE, JNNCE, Shimoga.
Professor & Head
Dept. of Electronics & Communication Engg.
JNN College of Engineering
SHIVAMOGGA-577 204.

UJWALA. B.S.
Assistant Professor
Department of ECE
JNNCE, Navule, SHIVAMOGGA-577 204.

Electronics & Communication Engineering
JNNCE
SHIVAMOGGA-577 204
Department of

Department of Electronics & Communication Engineering

Project Phase-1 Rubrics for Group:

Sl.No	Criteria	1-2	3-4	5-6	7-8	9-10	CO
1.	Literature Survey (10)	One Literature	Two Literatures	Three Literatures	Four Literatures	Five Literatures	CO1

Sl.No	Criteria	1-2	3-4	5			CO
2.	Definition of Problem Statement (05)	Identified problem is not clear	Problem statement is clear, but not feasible for implementation	Problem statement is clear, can be implemented and tested			CO2
3.	Objectives of the Proposed Work (05)	Defined One or Two Objectives	Defined Three or Four Objectives	Defined maximum of Objectives			CO3
4.	Identification of Community that shall benefit with defined solution (05)	The defined solutions benefit the general community	Identified the community where the project cannot be directly used but the outcome of the project can be used as one of the parameter	Identified the community where the project can be directly used			CO2
5.	Environmental & Societal Impact (05)	The environment & societal impact is not clearly indicated	The impact of the outcome of the project on environment is indicated but the societal impact is not clearly indicated	The environment & societal impact is clearly indicated			CO2
6.	Identification of tools required for solution (05)	The tools required for the solution is not clearly identified	There is no justification for the tool / components being used	Clear Justification in selecting the tool / components being used is provided			CO3

Sl.No	Criteria	1-3	4-6	7-9	10-12	13-15	CO
7.	Project Report (15)	Not well organized, clear objectives and outcomes indicated, not as per the template given by the department and not submitted within the deadline	Not well organized, clear objectives and outcomes are not indicated, not as per the template given by the department	Not well organized, clear objectives and outcomes indicated, not as per the template given by the department	Well organized, clear objectives and outcomes indicated, not as per the template given by the department	Well organized, clear objectives and outcomes indicated, Report is as per the template	CO4

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Department of Electronics & Communication Engineering

Project Phase-1 Rubrics for Individual: *Sem : 7*

Sl.No.	Criteria	1-4	5-8	9-10	CO
1.	Oral presentation preparation **(10)**	Not as per uniform template given by the department	As per uniform template given by the department Does not seem to understand the topic very well and presentation flow is missing	Shows a deep understanding of the topic with excellent flow in the presentation	CO4
2.	Presentation skills **(10)**	Poor: The slides were syntactically not complete, used filler words, presentation material is not relevant, exceeded given time more than 15 minutes or Presentation is less than 10 minutes	Satisfactory: Most of the slides were syntactically not complete, used filler words, presentation material is not so relevant, exceeded given time by 12 – 15 minutes or finished before 12 - 15 minutes	Very Good: All the slides were syntactically complete, no use of filler words, presentation material is relevant, Kept up the given time 20 minutes	CO4
3.	Involvement and contribution in the team **(10)**	Does not involve in all the activities and there is no much contribution to the team	Involves in all the activities but does not contribute to the team	Involves in all the activities and contribute to the team	CO5
4.	Mentoring / Leading the team **(10)**	Does not cooperate in the team	Leads the team but lack in mentoring	Mentors and leads the team	CO5
5.	Ability to answer the queries **(10)**	Answered 25% of the queries	Answered 50% of the queries	Answered all queries	CO4

9.8.23

Professor & Head
Dept. of Electronics & Communication Engg
JNN College of Engineering
SHIVAMOGGA-577 204.

Batch No.	USN	Name	Guide	Project Title	Synopsis Presentation Date	Synopsis Presentation Time	Venue: EC 104 Phase I Presentation Date	Venue: EC 104 Phase I Presentation Time
B1	4JN18EC030	GANESH G SHET	Mrs. ROOPA B S	PACKING CONTROL MACHINE FOR INDUSTRIAL APPLICATIONS	04/12/2021	10.45 to 11.15 AM	19/1/2022	11:30 AM to 12:00 PM
B1	4JN18EC029	GANASHREE K G						
B1	4JN18EC001	ABHISHEK A K						
B1	4JN18EC017	BHARGAVI S G						
B2	4JN18EC004	ADITHI.S.R	Mr. AJAY BETUR P	NEURAL NETWORK BASED DETECTION AND PREVENTION OF HUMAN ELEPHANT COLLISION	16/12/2021	5 to 5:30 PM	20/1/2022	12:00 to 12:30 PM
B2	4JN18EC024	CHITRASHREE						
B2	4JN18EC033	HARSHITHA. M. D						
B2	4JN18EC025	DEEKSHA. T. J						
B3	4JN18EC021	CHETHAN R	Dr.MANJUNATH P	REAL TIME AND SECURE WIRELESS HEALTH MONITORING SYSYTEM	28/12/2021	10:15 to 10:45 AM	20/1/2022	4:00 to 4:30 PM
B3	4JN18EC014	ARJUN KAMATH						
B3	4JN18EC009	AMITH N						
B3	4JN18EC023	CHINMAY G P						
B4	4JN18EC044	LIKITHA K P	Mr. ABHIJEET N	DEEP LEARNING BASED IMAGE PROCESSING FOR COTTON LEAF DISEASE DETECTION	03/12/2021	4.30 to 5.00 PM	20/1/2022	11:30 AM to 12:00 PM
B4	4JN18EC058	PAVANA P KULAL						
B4	4JN18EC056	NIKHITHA YADAV N						
B4	4JN18EC011	ANAGHA B R						
B5	4JN18EC026	DEEPAK BN	Mr. HARISH T S	REAL TIME FACE EMOTION BASED MUSIC PLAYER	03/12/2021	2.30 to 3.00 PM	20/1/2022	3:30 to 4:00 PM
B5	4JN18EC121	GAGANA HM						
B5	4JN19EC403	ANUSHA B V						
B5	4JN18EC039	KAVANA M						
B6	4JN19EC409	PREETHI K S	Mrs. NALINA S B	AN ENERGY SAVVY DATA COMPRESSION ALGORITHM SCHEME SUITABLE FOR WSN	09/12/2021	5 to 5:30 PM	20/1/2022	3:00 to 3:30 PM
B6	4JN19EC407	PALLAVI N S						
B6	4JN19EC404	ANUSHA G						
B6	4JN19EC408	POOJA A P						
B7	4JN18EC010	AMOGHAVARSHA S G	Mr. PRADEEPA S C	BALL BALANCING PID SYSTEM USING IMAGE PROCESSING	03/12/2021	3.30 to 4.00 PM	19/1/2022	2:30 to 3:00 PM
B7	4JN18EC057	NIRANJANA JOIS H C						
B7	4JN18EC041	KIRAN C N						
B8	4JN18EC124	ADITHYA T R	Mr. DARSHAN K V	DROWSINESS DETECTION USING RASPBERRY-PI	09/12/2021	4:30 to 5 PM	20/1/2022	10:00 to 10:30 AM
B8	4JN18EC122	SANTHOSH M S						
B8	4JN18EC106	UJWAL G						
B8	4JN18EC070	RAVIKUMAR G K						
B9	4JN18EC012	ANUSHREE N R	Mrs. SHEELA S	CHACHA STREAM CIPHER IMPLEMENTATION FOR NETWORK SECURITY IN WIRELESS SENSOR NETWORK	16/12/21	4:30 to 5:00 PM	19/1/2022	10:30 to 11:00 AM
B9	4JN18EC036	INCHARA V SHETTY						
B9	4JN18EC063	PRIYA K V						
B9	4JN18EC068	RAKSHA S G						
B10	4JN18EC027	DILIP M	Mrs. SHWETHA H R	AUTOMATIC BRAIN TUMOR DETECTION AND CLASSIFICATION ON IMAGES USING MACHINE LEARNING TECHNIQUES	27/12/2021	10:15 to 10:45	20/1/2022	9:30 to 10:00 AM
B10	4JN18EC061	PRATHEEK K Y						
B10	4JN18EC043	KUMAR V B						
B10	4JN18EC028	GAGAN H U						
B11	4JN18EC054	NEHA S BHARADWAJ	Mrs. SMITHA S M	HAND GESTURE TO TEXT AND SPEECH CONVERSION SYSTEM	03/12/2021	4.00 to 4.30 PM	19/1/2022	9:30 to 10:00 AM
B11	4JN18EC050	MOUNYA S M						
B11	4JN18EC008	AKSHATHA R KUNTE						
B11	4JN18EC045	MADHURA B N						
B12	4JN18EC049	MOHAMMED SHAHID	Mrs. SMITHA S M	KIDNEY STONE RECOGNITION AND EXTRACTION USING VARIOUS IMAGE PROCESSING TECHNIQUES.	17/12/2021	3 to 3:30 PM	19/1/2022	10:00 to 10:30 AM
B12	4JN18EC048	MOHAMMED SAQIB						
B12	4JN18EC046	MANOJ KUMAR K P						
B12	4JN18EC002	ADARSH PRABHAKAR						
B13	4JN18EC013	AREEB UR RAHAMAN	Mr. HARISH T S	SMART GLASSES FOR VISUALLY IMPAIRED PEOPLE	03/12/2021	3.00 to 3.30 PM	20/1/2022	4:30 to 5:00 PM
B13	4JN18EC060	PRAMOD.R						
B13	4JN18EC034	HEMANTH L						
B13	4JN19EC401	AFTAB HUSEN H LAKSHM						
B14	4JN18EC031	GAUTHAM S G	Mr. PRASHANTH G	CURRENCY SEGREGATION SYSTEM AND COUNTER USING DIGITAL IMAGE PROCESSING	17/12/2021	2:30 to 3:00 PM	19/1/2022	11:00 to 11:30 AM
B14	4JN18EC052	NATHANIEL SANTHOSH						
B14	4JN18EC047	MOHAMMED JUNAID A						
B14	4JN18EC020	CHARAN GADADE M						
B15	4JN19EC412	WILSON DSOUZA	Mr. ANIL KUMAR J	CNC MACHINE BASED LASER ENGRAVER USING ARDUINO UNO	17/12/2021	3.30 to 4.00 PM	19/1/2022	4:00 PM to 4:30 PM
B15	4JN19EC406	KIRANKUMAR R						
B15	4jn19ec400	ADARSHA D M						
B15	4JN18EC066	RAJAT KUMAR						
B16	4JN18EC016	BHARGAVI.G.N.	Mr. SUNIL M D	IMAGE STEGANOGRAPHY METHOD COMBINED WITH ELLIPTIC CURVE CRYPTOGRAPHY AND DEEP NEURAL NETWORK.	16/12/2021	4:00 to 4:30 PM	19/1/2022	3:30 to 4:00 PM
B16	4JN18EC019	BHOOMIKA.B.C.						
B16	4JN18EC006	AISHWARYA.S.						
B16	4JN18EC115	VINUSHA.K.						
B31	4JN18EC022	CHETHAN V	Mr. PRADEEPA S C	DESIGN AND VLSI IMPLEMENTATION OF 16 BIT ADC USING 45 NM FULL CUSTOM TECHNOLOGY FOR COGNITIVE RADIO.	22/12/2021	10:15 to 10:45 AM	19/1/2022	3:00 to 3:30 PM
B31	4JN18EC055	NIKHIL ANAND						

Batch No.	USN	Name	Guide	Project Title	Synopsis Presentation Venue: EC 102		Phase I Presentation Venue: EC 102	
					Date	Time	Date	Time
B17	4JN18EC089	SNEHA K S	Dr. S PRAMOD KUMAR	AUTONOMOUS SENSOR TECHNOLOGY IN HYDROPONICS FOR MONITORING AND CONTROLLING OF PLANT GROWTH	06/12/2021	3.30 to 4.00 PM	19/01/2022	5:00 to 5:30 PM
	4JN19EC411	VARSHITHA S						
	4JN19EC410	SWATHI R						
	4JN18EC125	NAVYA V SHET						
B18	4JN18EC090	SOUKYA B V	Mrs. SHWETHA B	LAZY RANDOM WALKS FOR SUPERPIXEL SEGMENTATION	06/12/2021	3.00 to 3.30 PM	20/01/2022	10:30 to 11:00 AM
	4JN18EC091	SPOORTHI T S						
	4JN18EC088	SINCHANA S RAVI						
	4JN18EC092	SPOORTHY						
B19	4JN18EC093	SUDHANVA H G	Mr. SHARATH S M	AUTOMATED ROBOCART USING DIGITAL IMAGE PROCESSING	7/12/2021	3.30 to 4.00 PM	20/01/2022	3:30 to 4:00 PM
	4JN18EC071	S BHARAT						
	4JN18EC075	SANATH N						
	4JN18EC116	VISHNU C R						
B20	4JN18EC069	RANJITHA P	Mrs. UJWALA B S	HANDWRITTEN SCRIPT RECOGNITION USING DEEP LEARNING TECHNIQUES	01/12/2021	4.00 to 4.30 PM	19/01/2022	4:30 to 5:00 PM
	4jn18ec072	SAHANA BN						
	4JN18EC086	SHWETHA R						
	4jn18ec074	SAMIKSHA HR						
B21	4JN18EC087	SIDDARTH M MUCHADI	Mrs. PREMA K N	AI TRAINER FOR ACTIVITY RECOGNITION VIA HPE AND HPC BY DEEP NEURAL NETWORKS	03/12/2021	12.30 to 1.00 PM	19/01/2022	3:30 to 4:00 PM
	4JN18EC080	SHAMANTA B R						
	4JN18EC110	VARUN M						
	4JN18EC015	BHANUPRIYA R						
B22	4JN18EC081	SHASHANK G S	Mrs. PREMA K N	AUTONOMOUS 3-D MAPPING AND NAVIGATING DROID	03/12/2021	1.00 to 1.30 PM	19/01/2022	4:00 to 4:30 PM
	4JN18EC085	SHRIPADA ADIGA						
	4JN18EC119	YASHAS VINAY						
	4JN18EC098	SUMANTH SHANBOG H						
B23	4JN18EC053	NAVEEN C J	Mrs. SHWETHA B	RC UNDERWATER SURVEILLANCE ROV DRONE	06/12/2021	2.30 to 3.00 PM	20/1/2022	11:00 to 11:30 AM
	4JN18EC097	SUMANTH K						
	4JN18EC113	VIKRAM G V						
	4JN18EC099	SUMUKH B G						
B24	4JN18EC117	VISHRUTH V BELAGAVI	Mrs. SHWETHA H R	SMART REFREGERATOR USING IMAGE PROCESSING AND IOT	7/12/2021	3.00 to 3.30 PM	19/01/2022	11:30 to 12:00 PM
	4JN18EC118	VIVEK H B						
	4JN18EC077	SANJAY K B						
	4JN18EC105	UDAY S						
B25	4JN18EC094	SUHAS N S	Dr. SATHYANARAYANA	INTEGRATED APPROACH OF INFORMATION SECURITY BY COMPRESSION, CRYPTOGRAPHY AND STEGANOGRAPHY	7/12/2021	2.30 to 3.00 PM	19/01/2022	3:00 to 3:30 PM
	4JN18EC111	VIDYARANI S H						
	4JN18EC064	PRIYANKA P S						
	4JN18EC096	SUMAN S						
B26	4JN18EC095	SUMA M ANVEKAR	Mrs. SUMATHI K	IMAGE CLASSIFICATION MODEL COMBINING RESNET BASED TRANSFER LEARNING	01/12/2021	3.00 to 3.30 PM	19/01/2022	10:00 to 10:30 AM
	4JN18EC083	SHILPA S						
	4JN19EC402	ANUJNA B N						
	4JN19EC405	APOORVA A JAIN						
B27	4JN18EC082	SHASHANK K S	Mrs. SHEELA S	MULTIPLE IMAGE ENCRYPTION ALGORITHM BASED ON MIXED IMAGE ELEMENT AND CHAOS	08/12/2021	3.00 to 3.30 PM	19/01/2022	11:00 to 11:30 AM
	4JN18EC084	SHIVA KUMAR M						
	4JN18EC078	SANTOSH						
	4JN18EC107	ULLAS R K						
B28	4JN18EC112	VIDYASHREE R	Mrs. ROOPA B S	ADVANCED DRIVER ASSISTANCE SYSTEM	1/12/2021	2.30 to 3.0	19/01/2022	2:30 to 3:0
	4JN18EC104	TWINKLE SRUSTI J K						
	4JN18EC062	PRIYA K S						
	4JN18EC065	RACHANA R HATHWAR						
B29	4JN18EC100	SUSHMA PRAKASH DES	Mr. PRASHANTH G S	DEEP CONVOLUTIONAL NEURAL NETWORK FOR AUTOMATIC MALARIA DETECTION	08/12/2021	2.30 to 3.0	20/1/2022	12:00 to 12
	4JN18EC108	UMM E HANI						
	4JN18EC102	TANUJA.V						
	4JN18EC103	THEJASWINI.D						
B30	4JN18EC101	SWATHI.S	Mrs. SUMATHI K	SENTIMENTAL ANALYSIS USING MACHINE LEARNING	01/12/2021	3.30 to 4.00 PM	19/01/2022	10:30 to 11:00 AM
	4JN18EC073	SAHANA S K						
	4JN18EC076	SANIDHYA G.M						
	4JN18EC123	SHRUTHI.M						

Department of Electronics and Communication Engineering

Project Evaluation Sheet of Phase-1

USN: 4JN18EC081		Name: SHASHANK G S		
Sem: 7 .		Section: B		
Guide:PREMA K N				
Title:AUTONOMOUS 3-D MAPPING AND NAVIGATING DROID				
Sl. No	Parameter	Guide Marks (Max:80)	Coordinator Marks (Max: 20)	Total Marks (Max: 100)
Group Rubrics				
1	Literature Survey	8	2	10
2	Definition of Problem Statement	4	1	5
3	Objectives of the Proposed Work	4	1	5
4	Identification of community that shall benefit with defined solution	4	0.8	4.8
5	Environmental & Societal Impact	4	1	5
6	Identification of tools required for solution	4	1	5
7	Project Report	11.2	3	14.2
Individual Rubrics				
8	Oral presentation preparation	8	2	10
9	Presentation skills	8	2	10
10	Involvement and contribution in the team	8	2	10
11	Mentoring / Leading the team	7.2	1.8	9
12	Ability to answer the queries	8	2	10
	Total	78.4	19.6	98

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Signature of Guide   Signature of Project Coordinators   Signature of HOD

National Education Society (R.)

J. N. N College of Engineering, Shivamogga

(Approved by AICTE, New Delhi, Certified by UGC 2f & 12B, Accredited by NAAC –'B',
All 7 UG Programs have been Accredited By National Board Of Accreditation (NBA)
for period 1.7.2019 to 30.6.2022,
Recognized by Govt. of Karnataka and Affiliated to VTU, Belagavi)

Department of Electronics and Communication Engineering

Project Evaluation Sheet of Phase-1

USN: 4JN18EC085			Name: SHRIPADA ADIGA		
Sem: 7			Section: B		
Guide:PREMA K N					
Title:AUTONOMOUS 3-D MAPPING AND NAVIGATING DROID					
Sl. No	Parameter		Guide Marks (Max:80)	Coordinator Marks (Max: 20)	Total Marks (Max: 100)
Group Rubrics					
1	Literature Survey		8	2	10
2	Definition of Problem Statement		4	1	5
3	Objectives of the Proposed Work		4	1	5
4	Identification of community that shall benefit with defined solution		4	0.8	4.8
5	Environmental & Societal Impact		4	1	5
6	Identification of tools required for solution		4	1	5
7	Project Report		11.2	3	14.2
Individual Rubrics					
8	Oral presentation preparation		8	2	10
9	Presentation skills		8	2	10
10	Involvement and contribution in the team		8	2	10
11	Mentoring / Leading the team		7.2	2	9.2
12	Ability to answer the queries		8	1.8	9.8
		Total	78.4	19.6	98

Signature of Guide

Signature of Project Coordinators

Signature of HOD

National Education Society (R.)
J.N.N College of Engineering, Shivamogga
(Approved by AICTE, New Delhi, Certified by UGC 2f & 12B, Accredited by NAAC –'B',
All 7 UG Programs have been Accredited By National Board Of Accreditation (NBA)
for period 1.7.2019 to 30.6.2022,
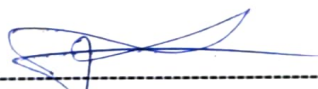Recognized by Govt. of Karnataka and Affiliated to VTU, Belagavi)

Department of Electronics and Communication Engineering

Project Evaluation Sheet of Phase-1

USN: 4JN18EC119 | **Name: YASHAS VINAY**

Sem: 7 | **Section: B**

Guide:PREMA K N

Title:AUTONOMOUS 3-D MAPPING AND NAVIGATING DROID

Sl. No	Parameter	Guide Marks (Max:80)	Coordinator Marks (Max: 20)	Total Marks (Max: 100)
Group Rubrics				
1	Literature Survey	8	2	10
2	Definition of Problem Statement	4	1	5
3	Objectives of the Proposed Work	4	1	5
4	Identification of community that shall benefit with defined solution	4	0.8	4.8
5	Environmental & Societal Impact	4	1	5
6	Identification of tools required for solution	4	1	5
7	Project Report	11.2	3	14.2
Individual Rubrics				
8	Oral presentation preparation	8	2	10
9	Presentation skills	8	2	10
10	Involvement and contribution in the team	8	2	10
11	Mentoring / Leading the team	7.2	1.8	9
12	Ability to answer the queries	7.2	1.8	9
	Total	77.6	19.4	97

Signature of Guide

Signature of Project Coordinators

Signature of HOD

Department of Electronics and Communication Engineering

Project Evaluation Sheet of Phase-1

USN: 4JN18EC098		Name: SUMANTH SHANBOG H R		
Sem: 7		Section: B		
Guide:PREMA K N				
Title:AUTONOMOUS 3-D MAPPING AND NAVIGATING DROID				
Sl. No	Parameter	Guide Marks (Max:80)	Coordinator Marks (Max: 20)	Total Marks (Max: 100)
Group Rubrics				
1	Literature Survey	8	2	10
2	Definition of Problem Statement	4	1	5
3	Objectives of the Proposed Work	4	1	5
4	Identification of community that shall benefit with defined solution	4	0.8	4.8
5	Environmental & Societal Impact	4	1	5
6	Identification of tools required for solution	4	1	5
7	Project Report	11.2	3	14.2
Individual Rubrics				
8	Oral presentation preparation	8	2	. 10
9	Presentation skills	8	2	10
10	Involvement and contribution in the team	8	2	10
11	Mentoring / Leading the team	7.2	1.8	9
12	Ability to answer the queries	7.2	1.8	9
	Total	77.6	19.4	97

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Signature of Guide   Signature of Project Coordinators   Signature of HOD

National Education Society (R.)

J N N College of Engineering, Shivamogga

(Approved by AICTE, New Delhi, Certified by UGC 2f & 12B, Accredited by NAAC –'B', UG programs:CE,ME,EEE,ECE,CSE,ISE,TCE acredited by NBA:1.7.2022 to 30.6.2025, Recognized by Govt. of Karnataka and Affiliated to VTU, Belagavi)

Department of Electronics & Communication Engineering

Project Phase-2 Rubrics for Individual:

Sl.No.	Criteria	1-2	3-5	6-8	9-10	CO
1.	**Presentation (10)** 1. Preparation 2. Flow & Style 3. Confidence 4. Answering queries	Any 1 parameter is addressed	Any 2 parameters are addressed	Any 3 parameters are addressed	All the 4 parameters are addressed	CO4
2.	**Viva (10)** 1. Oral Communication 2. Interpretation of results 3. Q&A (Answering/Clarifying evaluator's queries). 4.Overall knowledge about the project	Any 1 parameter is addressed	Any 2 parameters are addressed	Any 3 parameters are addressed	All the 4 parameters are addressed	CO3
3.	**Professional Skills (10)** 1. Time Management & Adaptability 2. Project Planning & Management 3. Oral & Written Communication Skills 4. Concern about Society & Environment	Any 1 parameter is addressed	Any 2 parameters are addressed	Any 3 parameters are addressed	All the 4 parameters are addressed	CO4
4.	**Teamwork(10)** 1. Involvement 2. Coordination 3. Contribution 4. Overall performance	Any 1 parameter is addressed	Any 2 parameters are addressed	Any 3 parameters are addressed	All the 4 parameters are addressed	CO5
5.	**Leadership(10)** 1. Mentoring team members 2. Respecting the team members 3. Comprehension ability 4.Coordination	Any 1 parameter is addressed	Any 2 parameters are addressed	Any 3 parameters are addressed	All the 4 parameters are addressed	CO5

Department of Electronics & Communication Engineering

Project Phase-2 Rubrics for Group: Sem : 8

Sl.No	Criteria	1	2	3	4	5	CO
1.	Literature Survey(5)	One Literature	Two Literatures	Three Literatures	Four Literatures	Five Literatures	CO1
Sl.No	**Criteria**	**1-3**	**4-5**	**6-8**	**9-10**		**CO**
2.	Design (10) 1. All the Specifications indicated 2. Selection of the tool / component 3. All the objectives are met 4. Algorithm / Circuit	Any 1 parameter is addressed	Any 2 parameters are addressed	Any 3 parameters are addressed	All the 4 parameters are addressed		CO2
Sl.No	**Criteria**	**1-4**	**5-7**	**8-10**			**CO**
3.	Implementation(10) 1. Simulation carried out 2. Implemented partially 3. Implemented completely	Any 1 parameter is addressed	Any 2 parameters are addressed	All parameters are addressed			CO2
Sl.No	**Criteria**	**1-2**	**3-4**	**5**			**CO**
4.	Result Analysis(5) 1. Results are partially obtained 2. Results are complete 3. Results are analyzed & inferences are drawn	Any 1 parameter is addressed	Any 2 parameters are addressed	All parameters are addressed			CO3
Sl.No	**Criteria**	**1-4**	**5-8**	**9-12**	**13-16**	**17-20**	**CO**
5.	Project Report(20) 1. Adherence to Template 2. Report in line with the content as suggested by the Coordinator 3. Organization of the Report 4. Grammar 5. documented using Latex documentation tool	Any 1 parameter is addressed	Any 2 parameters are addressed	Any 3 parameters are addressed	Any 4 parameters are addressed	All the 5 parameters are addressed	CO4

Professor & Head
Dept. of Electronics & Communication Eng
JNN College of Engineering
SHIVAMOGGA-577 204.

Venue: EC 104   Venue: M.Tech

Batch No.	USN	Name	Guide	Project Title	Phase II Presentation Date	Phase II Presentation Time	Final Project Demo Date	Final Project Demo Time
B1	4JN18EC030	GANESH G SHET	Mrs. ROOPA B S	PACKING CONTROL MACHINE FOR INDUSTRIAL APPLICATIONS	6/06/2022	3:30 to 4:00 PM	29/06/2022	10:00 to 11:30 AM
	4JN18EC029	GANASHREE K G						
	4JN18EC001	ABHISHEK A K						
	4JN18EC017	BHARGAVI S G						
B2	4JN18EC004	ADITHI.S.R	Mr. AJAY BETUR P	NEURAL NETWORK BASED DETECTION AND PREVENTION OF HUMAN ELEPHANT COLLISION	6/06/2022	4:00 to 4:30 PM	29/06/2022	10:00 to 11:30 AM
	4JN18EC024	CHITRASHREE						
	4JN18EC033	HARSHITHA. M. D						
	4JN18EC025	DEEKSHA. T. J						
B3	4JN18EC021	CHETHAN R	Dr.MANJUNATH P	REAL TIME AND SECURE WIRELESS HEALTH MONITORING SYSYTEM	6/06/2022	4:30 to 5:00 PM	29/06/2022	10:00 to 11:30 AM
	4JN18EC014	ARJUN KAMATH						
	4JN18EC009	AMITH N						
	4JN18EC023	CHINMAY G P						
B4	4JN18EC044	LIKITHA K P	Mr. ABHIJEET N	DEEP LEARNING BASED IMAGE PROCESSING FOR COTTON LEAF DISEASE DETECTION	7/06/2022	4:00 to 4:30 PM	29/06/2022	10:00 to 11:30 AM
	4JN18EC058	PAVANA P KULAL						
	4JN18EC056	NIKHITHA YADAV N						
	4JN18EC011	ANAGHA B R						
B5	4JN18EC026	DEEPAK BN	Mr. HARISH T S	REAL TIME FACE EMOTION BASED MUSIC PLAYER	8/06/2022	3:00 to 3:30 PM	29/06/2022	10:00 to 11:30 AM
	4JN18EC121	GAGANA HM						
	4JN19EC403	ANUSHA B V						
	4JN18EC039	KAVANA M						
B6	4JN19EC409	PREETHI K S	Mrs. NALINA S B	AN ENERGY SAVVY DATA COMPRESSION ALGORITHM SCHEME SUITABLE FOR WSN	7/06/2022	11:30 to 12:00 PM	29/06/2022	10:00 to 11:30 AM
	4JN19EC407	PALLAVI N S						
	4JN19EC404	ANUSHA G						
	4JN19EC408	POOJA A P						
B7	4JN18EC010	AMOGHAVARSHA S G	Mr. PRADEEPA S C	BALL BALANCING PID SYSTEM USING IMAGE PROCESSING	7/06/2022	12:00 to 12:30 PM	29/06/2022	11:30 to 1:00 PM
	4JN18EC057	NIRANJANA JOIS H C						
	4JN18EC041	KIRAN C N						
B8	4JN18EC124	ADITHYA T R	Mr. DARSHAN K V	DROWSINESS DETECTION USING RASPBERRY-PI	7/06/2022	3:30 to 4:00 PM	29/06/2022	11:30 to 1:00 PM
	4JN18EC122	SANTHOSH M S						
	4JN18EC106	UJWAL G						
	4JN18EC070	RAVIKUMAR G K						
B9	4JN18EC012	ANUSHREE N R	Mrs. SHEELA S	CHACHA STREAM CIPHER IMPLEMENTATION FOR NETWORK SECURITY IN WIRELESS SENSOR NETWORK	9/06/2022	11:30 to 12:00 PM	29/06/2022	11:30 to 1:00 PM
	4JN18EC036	INCHARA V SHETTY						
	4JN18EC063	PRIYA K V						
	4JN18EC068	RAKSHA S G						
B10	4JN18EC027	DILIP M	Mrs. SHWETHA H R	AUTOMATIC BRAIN TUMOR DETECTION AND CLASSIFICATION ON IMAGES USING MACHINE LEARNING TECHNIQUES	9/06/2022	11:00 to 11:30 AM	29/06/2022	11:30 to 1:00 PM
	4JN18EC061	PRATHEEK K Y						
	4JN18EC043	KUMAR V B						
	4JN18EC028	GAGAN H U						
B11	4JN18EC054	NEHA S BHARADWAJ	Mrs. SMITHA S M	HAND GESTURE TO TEXT AND SPEECH CONVERSION SYSTEM	8/06/2022	10:30 to 11:00 AM	29/06/2022	11:30 to 1:00 PM
	4JN18EC050	MOUNYA S M						
	4JN18EC008	AKSHATHA R KUNTE						
	4JN18EC045	MADHURA B N						
B12	4JN18EC049	MOHAMMED SHAHID	Mrs. SMITHA S M	KIDNEY STONE RECOGNITION AND EXTRACTION USING VARIOUS IMAGE PROCESSING TECHNIQUES.	8/06/2022	11:00 to 11:30 AM	29/06/2022	2:00 to 3:30 PM
	4JN18EC048	MOHAMMED SAQIB						
	4JN18EC046	MANOJ KUMAR K P						
	4JN18EC002	ADARSH PRABHAKAR						
B13	4JN18EC013	AREEB UR RAHAMAN	Mr. HARISH T S	SMART GLASSES FOR VISUALLY IMPAIRED PEOPLE	8/06/2022	3:30 to 4:00 PM	29/06/2022	2:00 to 3:30 PM
	4JN18EC060	PRAMOD.R						
	4JN18EC034	HEMANTH L						
	4JN19EC401	AFTAB HUSEN H LAKSHN						
B14	4JN18EC031	GAUTHAM S G	Mr. PRASHANTH G	CURRENCY SEGREGATION SYSTEM AND COUNTER USING DIGITAL IMAGE PROCESSING	8/06/2022	2:30 to 3:00 PM	29/06/2022	2:00 to 3:30 PM
	4JN18EC052	NATHANIEL SANTHOSH						
	4JN18EC047	MOHAMMED JUNAID A						
	4JN18EC020	CHARAN GADADE M						
B15	4JN19EC412	WILSON DSOUZA	Mr. ANIL KUMAR J	CNC MACHINE BASED LASER ENGRAVER USING ARDUINO UNO	7/06/2022	2:30 to 3:00 PM	29/06/2022	2:00 to 3:30 PM
	4JN19EC406	KIRANKUMAR R						
	4jn19ec400	ADARSHA D M						
	4JN18EC066	RAJAT KUMAR						
B16	4JN18EC016	BHARGAVI.G.N.	Mr. SUNIL M D	IMAGE STEGANOGRAPHY METHOD COMBINED WITH ELLIPTIC CURVE CRYPTOGRAPHY AND DEEP NEURAL NETWORK.	7/06/2022	3:00 to 3:30 PM	29/06/2022	2:00 to 3:30 PM
	4JN18EC019	BHOOMIKA.B.C.						
	4JN18EC006	AISHWARYA.S.						
	4JN18EC115	VINUSHA.K.						
B31	4JN18EC022	CHETHAN V	Mr. PRADEEPA S C	DESIGN AND VLSI IMPLEMENTATION OF 16 BIT ADC USING 45 NM FULL CUSTOM TECHNOLOGY FOR COGNITIVE RADIO.	6/06/2022	3:00 to 3:30 PM	29/06/2022	2:00 to 3:30 PM
	4JN18EC055	NIKHIL ANAND						

Batch No.	USN	Name	Guide	Project Title	Phase II Presentation		Final Project Demo	
					Date	Time	Date	Time
B17	4JN18EC089	SNEHA K S	Dr. S PRAMOD KUMAR	AUTONOMOUS SENSOR TECHNOLOGY IN HYDROPONICS FOR MONITORING AND CONTROLLING OF PLANT GROWTH	7/06/2022	10:30 to 11:00 AM	29/06/2022	10:00 to 11:30 AM
	4JN19EC411	VARSHITHA S						
	4JN19EC410	SWATHI R						
	4JN18EC125	NAVYA V SHET						
B18	4JN18EC090	SOUKYA B V	Mrs. SHWETHA B	LAZY RANDOM WALKS FOR SUPERPIXEL SEGMENTATION	6/06/2022	12:30 to 1:00 PM	29/06/2022	10:00 to 11:30 AM
	4JN18EC091	SPOORTHI T S						
	4JN18EC088	SINCHANA S RAVI						
	4JN18EC092	SPOORTHY						
B19	4JN18EC093	SUDHANVA H G	Mr. SHARATH S M	AUTOMATED ROBOCART USING DIGITAL IMAGE PROCESSING	7/06/2022	4:30 to 5:00 PM	29/06/2022	10:00 to 11:30 AM
	4JN18EC071	S BHARAT						
	4JN18EC075	SANATH N						
	4JN18EC116	VISHNU C R						
B20	4JN18EC069	RANJITHA P	Mrs. UJWALA B S	HANDWRITTEN SCRIPT RECOGNITION USING DEEP LEARNING TECHNIQUES	7/06/2022	11:00 to 11:30 AM	29/06/2022	10:00 to 11:30 AM
	4jn18ec072	SAHANA BN						
	4JN18EC086	SHWETHA R						
	4jn18ec074	SAMIKSHA HR						
B21	4JN18EC087	SIDDARTH M MUCHADI	Mrs. PREMA K N	AI TRAINER FOR ACTIVITY RECOGNITION VIA HPE AND HPC BY DEEP NEURAL NETWORKS	8/06/2022	10:30 to 11:00 AM	29/06/2022	10:00 to 11:30 AM
	4JN18EC080	SHAMANTA B R						
	4JN18EC110	VARUN M						
	4JN18EC015	BHANUPRIYA R						
B22	4JN18EC081	SHASHANK G S	Mrs. PREMA K N	AUTONOMOUS 3-D MAPPING AND NAVIGATING DROID	8/06/2022	11:00 to 11:30 AM	29/06/2022	10:00 to 11:30 AM
	4JN18EC085	SHRIPADA ADIGA						
	4JN18EC119	YASHAS VINAY						
	4JN18EC098	SUMANTH SHANBOG H						
B23	4JN18EC053	NAVEEN C J	Mrs. SHWETHA B	RC UNDERWATER SURVEILLANCE ROV DRONE	6/06/2022	1:00 to 1:30 PM	29/06/2022	11:30 to 1:00 PM
	4JN18EC097	SUMANTH K						
	4JN18EC113	VIKRAM G V						
	4JN18EC099	SUMUKH B G						
B24	4JN18EC117	VISHRUTH V BELAGAVI	Mrs. SHWETHA H R	SMART REFREGERATOR USING IMAGE PROCESSING AND IOT	9/06/2022	12:30 to 1:00 PM	29/06/2022	11:30 to 1:00 PM
	4JN18EC118	VIVEK H B						
	4JN18EC077	SANJAY K B						
	4JN18EC105	UDAY S						
B25	4JN18EC094	SUHAS N S	Dr. SATHYANARAYANA	INTEGRATED APPROACH OF INFORMATION SECURITY BY COMPRESSION, CRYPTOGRAPHY AND STEGANOGRAPHY	9/06/2022	12:00 to 12:30 PM	29/06/2022	11:30 to 1:00 PM
	4JN18EC111	VIDYARANI S H						
	4JN18EC064	PRIYANKA P S						
	4JN18EC096	SUMAN S						
B26	4JN18EC095	SUMA M ANVEKAR	Mrs. SUMATHI K	IMAGE CLASSIFICATION MODEL COMBINING RESNET BASED TRANSFER LEARNING	8/06/2022	2:30 to 3:00 PM	29/06/2022	11:30 to 1:00 PM
	4JN18EC083	SHILPA S						
	4JN19EC402	ANUJNA B N						
	4JN19EC405	APOORVA A JAIN						
B27	4JN18EC082	SHASHANK K S	Mrs. SHEELA S	MULTIPLE IMAGE ENCRYPTION ALGORITHM BASED ON MIXED IMAGE ELEMENT AND CHAOS	8/06/2022	3:30 to 4:00 PM	29/06/2022	11:30 to 1:00 PM
	4JN18EC084	SHIVA KUMAR M						
	4JN18EC078	SANTOSH						
	4JN18EC107	ULLAS R K						
B28	4JN18EC112	VIDYASHREE R	Mrs. ROOPA B S	ADVANCED DRIVER ASSISTANCE SYSTEM	10/06/2022	3:00 to 3:30 PM	29/06/2022	11:30 to 1:00 PM
	4JN18EC104	TWINKLE SRUSTI J K						
	4JN18EC062	PRIYA K S						
	4JN18EC065	RACHANA R HATHWAR						
B29	4JN18EC100	SUSHMA PRAKASH DES	Mr. PRASHANTH G S	DEEP CONVOLUTIONAL NEURAL NETWORK FOR AUTOMATIC MALARIA DETECTION	8/06/2022	4:30 to 5:00 PM	29/06/2022	2:00 to 3:30 PM
	4JN18EC108	UMM E HANI						
	4JN18EC102	TANUJA.V						
	4JN18EC103	THEJASWINI.D						
B30	4JN18EC101	SWATHI.S	Mrs. SUMATHI K	SENTIMENTAL ANALYSIS USING MACHINE LEARNING	8/06/2022	3:00 to 3:30 PM	29/06/2022	2:00 to 3:30 PM
	4JN18EC073	SAHANA S K						
	4JN18EC076	SANIDHYA G.M						
	4JN18EC123	SHRUTHI.M						

Venue: **EC 102**   Venue: **Project**

National Education Society (R.)

J.N.N College of Engineering, Shivamogga

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Department of Electronics and Communication Engineering

Project Evaluation Sheet of Phase-2

USN: 4JN18EC081	Name: SHASHANK G S		
Sem: 8	Section: B		
Guide: PREMA K N			
Title: AUTONOMOUS 3-D MAPPING AND NAVIGATING DROID			

Sl. No	Parameter	Guide Marks (Max:80)	Coordinator Marks (Max: 20)	Total Marks (Max: 100)
Group Rubrics				
1	Literature Survey	4	1	5
2	Design	8	2	10
3	Implementation	8	2	10
4	Result Analysis	3.2	0.8	4
5	Project Report	16	3.8	19.8
Individual Rubrics				
6	Presentation	8	2	10
7	Viva	7.2	1.8	9
8	Professional Skills	7.2	2	9.2
9	Teamwork	8	2	10
10	Leadership	8	2	10
	Total	77.6	19.4	97

Signature of Guide

Signature of Project Coordinators

Signature of HOD

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Department of Electronics and Communication Engineering

Project Evaluation Sheet of Phase-2

USN: 4JN18EC085	Name: SHRIPADA ADIGA
Sem: 8	Section: B
Guide:PREMA K N	

Title:AUTONOMOUS 3-D MAPPING AND NAVIGATING DROID

Sl. No	Parameter	Guide Marks (Max:80)	Coordinator Marks (Max: 20)	Total Marks (Max: 100)
Group Rubrics				
1	Literature Survey	4	1	5
2	Design	8	2	10
3	Implementation	8	2	10
4	Result Analysis	3.2	0.8	4
5	Project Report	16	3.8	19.8
Individual Rubrics				
6	Presentation	8	2	10
7	Viva	7.2	1.8	9
8	Professional Skills	7.2	2	9.2
9	Teamwork	7.2	1.8	9
10	Leadership	7.2	1.8	9
	Total	76	19	95

Signature of Guide

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Department of Electronics and Communication Engineering

Project Evaluation Sheet of Phase-2

USN: 4JN18EC119	Name: YASHAS VINAY
Sem: 8	Section: B

Guide: PREMA K N

Title: AUTONOMOUS 3-D MAPPING AND NAVIGATING DROID

Sl. No	Parameter	Guide Marks (Max:80)	Coordinator Marks (Max: 20)	Total Marks (Max: 100)
Group Rubrics				
1	Literature Survey	4	1	5
2	Design	8	2	10
3	Implementation	8	2	10
4	Result Analysis	3.2	0.8	4
5	Project Report	16	3.8	19.8
Individual Rubrics				
6	Presentation	8	2	10
7	Viva	8	2	10
8	Professional Skills	8	2	10
9	Teamwork	8	2	10
10	Leadership	8	2	10
	Total	79.2	19.6	99

Signature of Guide

Signature of Project Coordinators

Signature of HOD

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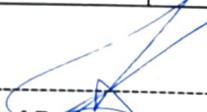*Recognized by Govt. of Karnataka and Affiliated to VTU, Belagavi)*

Department of Electronics and Communication Engineering

Project Evaluation Sheet of Phase-2

USN: 4JN18EC098		Name: SUMANTH SHANBOG H R		
Sem: 8		Section: B		
Guide:PREMA K N				
Title:AUTONOMOUS 3-D MAPPING AND NAVIGATING DROID				
Sl. No	Parameter	Guide Marks (Max:80)	Coordinator Marks (Max: 20)	Total Marks (Max: 100)
Group Rubrics				
1	Literature Survey	4	1	5
2	Design	8	2	10
3	Implementation	8	2	10
4	Result Analysis	3.2	0.8	4
5	Project Report	16	3.8	19.8
Individual Rubrics				
6	Presentation	7.2	1.8	9
7	Viva	6.4	1.6	8
8	Professional Skills	7.2	1.8	9
9	Teamwork	6.4	1.8	8.2
10	Leadership	7.2	1.8	9
	Total	73.6	18.4	92

Signature of Guide

Signature of Project Coordinators

Signature of HOD