



**Date: 10-06-2022**

## **Circular**

All 8<sup>th</sup> semester students are hereby informed to go through phase-2 Final project demonstration schedule announced in JAMS. Attend the same along with soft bounded report of your project.

### **Project Coordinators:**

**Dr. Ravindra. S**  
Associate Professor

**Dr. Sankhya N Nayak**  
Associate Professor

**Mr. Sandeep B**  
Assistant Professor

**Mrs. Namitha M. V**  
Assistant Professor

**Dr. Poornima K M**  
Professor and Head

Activity Name: **PROJECT PHASE 2 - FINAL DEMO PPT**
Export to Word
Download Schedule
Upload Schedule

2021-22-Odd

Sl. No.	BatchNo.	Students	Guide(s)	Date	Time	Schedule
1	B1	BHAVYASHREE M(4JN18CS019) AKSHATHA N S(4JN18CS009) CHAITRA SHIVAYOGI NELOGAL(4JN18CS020) CHANDANA T B(4JN18CS021)	JALESH KUMAR	20-06-2022	11:20 - 12:00	
2	B2	ADITHYA K C(4JN18CS005) AVAEZ BASHA T M(4JN18CS017) SHOAB ABDUL JABBAR(4JN18CS089) AARIF HUSSAIN DAR(4JN18CS001)	MANJULA G R	20-06-2022	12:00 - 12:40	
3	B3	VIDHYA Y(4JN18CS122) SPOORTHI S P(4JN18CS107) GOWRI H R(4JN18CS131) PRATHIKSHA B S(4JN18CS130)	CHETAN K R	16-06-2022	02:30 -03:10	
4	B4	SUCHITRA S(4JN19CS409) ADITHI M R(4JN19CS401) AISHWARYA H(4JN18CS007) SMRITI BIWARTI(4JN17CS094)	THASEEN BHASHITH GANAVI M	21-06-2022	10:00 - 10:40	
5	B5	SANCHITHA RAO(4JN18CS081) SHILPA G D(4JN18CS087) VAISHNAVI V(4JN18CS121) SNEHA B J(4JN18CS129)	VEDANANDA D E	22-06-2022	10:40 - 11:20	
6	B6	SUDARSHAN N(4JN18CS109) TEJAS S D(4JN18CS118) VINAYAKA B M(4JN18CS123) YUGESH K K(4JN18CS127)	BENAKAPPA S M	21-06-2022	10:40 - 11:20	
7	B7	ANUBHAB(4JN18CS013) ABHIRAM BHARADWAJ G S(4JN18CS002) KOUSHIK P HERALE(4JN18CS040) TAZEEM RASHID(4JN18CS117)	SREEDEVI S	17-06-2022	02:30 -03:10	
8	B8	ARPITHA A G(4JN18CS016) ANUPA KINI R(4JN18CS014) ARCHANA S R(4JN18CS015) AISHWARYA G S(4JN18CS006)	HIRIYANNA G S	21-06-2022	11:20 - 12:00	
9	B9	VISHNU NAIR N R(4JN18CS124) VISHNU VATSAV Y A(4JN18CS125) ADITHYA GUJJAR G A(4JN18CS004) VINUTH BT(4JN19CS410)	MANOHAR NELLI V	18-06-2022	11:20 - 12:00	
10	B10	SONU KUMAR(4JN18CS101) SPOORTHI B O(4JN18CS105) SURYANSH SINHA(4JN18CS114) SUMA SHARANAPPA NELOGAL(4JN18CS111)	SATHYANARAYAN S	17-06-2022	10:40 - 11:20	



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



**Department of Computer Science and Engineering**

Date: 10-06-2022


**Circular**

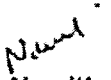
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Assistant Professor

  
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**Dr. Poornima K M**  
Professor and Head

Odd

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B2	ADITHYA K C(4JN18CS005) AVAEZ BASHA T M(4JN18CS017) SHOAIB ABDUL JABBAR(4JN18CS089) AARIF HUSSAIN DAR(4JN18CS001)	MANJULA G R	23-05-2022	09:30-05:30	
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**Department of Computer Science and Engineering**

Date: 13-05-2022

## Circular

All final year project guides are here by informed to go through phase-2 second review schedule announced in JAMS. You are requested to be available during the schedule.

### Project Coordinators:

**Dr. Ravindra. S**  
Associate Professor

**Dr. Sankhya N Nayak**  
Associate Professor

**Mr. Sandeep B**  
Assistant Professor

**Mrs. Namitha M. V**  
Assistant Professor

**Dr. Poornima K M**  
Professor and Head

			Interpretation of results (max 10 marks)
5.	Environment and/or Societal impact with results	5	For each point showing results of project for environment or society in report put 1 mark with max 5 marks

### Project Phase-2 Rubrics for Individual:

Sl. No	Parameter	Max Marks	Rubrics
1.	Oral Presentation Presentation	10	<b>Presentation appearance</b> - Excellent(5), Very good(4), Good(3), Fair(2), Poor(1) <b>Presentation Flow</b> - Excellent(5), Very good(4), Good(3), Fair(2), Poor(1)
2.	Implementation contribution	10	<b>Originality In Implementation:</b> Excellent(5), Very good(4), Good(3), Fair(2), Poor(1) <b>Optimized Implementation:</b> Excellent(5), Very good(4), Good(3), Fair(2), Poor(1)
3.	Involvement and contribution in the team	10	<b>Team Involvement:</b> Excellent(5), Very good(4), Good(3), Fair(2), Poor(1) <b>Contribution to team In various activities conducted as part of Project work:</b> Excellent(5), Very good(4), Good(3), Fair(2), Poor(1)
4.	Mentoring/Leading the team	10	<b>Leadership capabilities:</b> Excellent(5), Very good(4), Good(3), Fair(2), Poor(1) <b>Mentoring capabilities:</b> Excellent(5), Very good(4), Good(3), Fair(2), Poor(1)
5.	Answering the technical questions asked during Project Presentation	10	For each question answered correctly 1 mark with max 10 marks



**Department of Computer Science & Engineering**

**Course Outcomes:**

CO1: Select the engineering tools/components for solving the identified engineering problem

CO2: Apply the identified concepts and engineering tools to arrive at design solution(s) for the identified engineering problem

CO3: Implement the design solution(s) using identified tools

CO4: Analyze and interpret results of experiments conducted on the designed solution(s) to arrive at valid conclusion

CO5 Engage in effective oral and written communication through presentation of the project work,

CO6: Perform in the team, contribute to the team and mentor/lead the team and follow professional ethics

**Project Phase-2 Rubrics for Group:**

Sl. No	Parameter	Max Marks	Rubrics
1.	Project Report	15	Formatting-Excellent(5), Very good(4), Good(3), Fair(2), Poor(1) Organization – Excellent(5), Very good(4), Good(3), Fair(2), Poor(1) References – for each relevant reference included put 1 mark with max 5 marks
2.	Design Solution	10	For each module/sub module defined award 2 marks (Max 10 marks)
3.	Result and Analysis	10	For each test case covered give 1 mark and for analysis done using parameter or discussions made on result give 1 mark (max 10 mark)
4.	Professional Ethics	10	Give 1 mark each for originality in implementation of each module/submodule and



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Department of Computer Science and Engineering

Date: 07-05-2022

## Circular

All 8<sup>th</sup> semester students are here by informed to prepare for phase-2 second review. Tentative dates for phase-2 second and final review are 16<sup>th</sup> and 22<sup>nd</sup> June. Detailed schedule and evaluation rubrics will be announced in JAMS shortly.

### Project Coordinators:

**Dr. Ravindra. S**  
Associate Professor

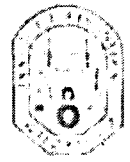
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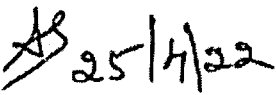
**Dr. Poornima K M**  
Professor and Head





Dept. of Computer Science and Engineering

Final year Project Work - Phase 2 – Review 1 Template

<b>Project Title</b>	MEDICAL IMAGE SECURITY THROUGH FEATURE BASED WATERMARKING
<b>Number of times Interacted with Guide</b>	20
<b>Module wise Implementation status and description</b>	<ul style="list-style-type: none"><li>• Data collection: Collection of medical images(sources- X Ray)</li><li>• Watermarking embedding procedure i.e<ol style="list-style-type: none"><li>1. Image fusion</li><li>2. Applying Fournier transformation</li><li>3. Mean perceptual hashing</li></ol></li></ul>
<b>Pending Implementation</b>	<ul style="list-style-type: none"><li>• Scrambling image(Encryption)</li><li>• Key generation</li><li>• Usage of Large data set images.</li><li>• Attack and perception analysis on watermarked images.</li><li>• Authentication</li><li>• Training the system</li></ul>
<b>Report Status</b>	<ul style="list-style-type: none"><li>• Problem statement</li><li>• Objectives</li><li>• Literature survey</li><li>• System design</li></ul>
<b>Guide Remarks</b>	* Students have met regularly with dedication, and I congratulate the students for the project selection in KSCST
<b>Guide Signature</b>	 25/4/22



Dept. of Computer Science and Engineering

Final year Project Work - Phase 2 - Review 1 Template

Project Title	Immunity Assessment
Number of times Interacted with Guide	8
Module wise Implementation status and description	Use 1 row for each module identified in the project 1] we used tkinter to develop GUI. 2] we used casandra database. we used Datastax. 3] we implemented Fuzzy logic to decide immunity score.
Pending Implementation	* we have to improve the GUI. * we have to implement text to speech.
Report Status	Started
Guide Remarks	60-/- Implementation is completed
Guide Signature	



Dept. of Computer Science and Engineering

Final year Project Work - Phase 2 - Review 1 Template

<b>Project Title</b>	"TOMATO LEAF DISEASE DETECTION AND CLASSIFICATION USING CNN AND LVQ ALGORITHM"
<b>Number of times Interacted with Guide</b>	15 times
<b>Module wise Implementation status and description</b>	<ul style="list-style-type: none"><li>• Data collection - Collection of tomato leaves with of different types of disease like Bacterial spot, Septorial spot, Yellow curved leaves and also healthy tomato leaves.</li><li>• Feature extraction - Extraction of features like color correlogram, Gabor features, wavelet coefficient etc.</li><li>• Implementation of threshold based segmentation using CNN and LVQ.</li><li>• Training the system to classify leaves to its particular category disease.</li></ul>
<b>Pending Implementation</b>	<ul style="list-style-type: none"><li>• Identification of the leaves based on training.</li><li>• Testing the system and presenting the final classified result.</li></ul>
<b>Report Status</b>	<ul style="list-style-type: none"><li>• Problem statement</li><li>• Objectives</li><li>• Literature survey</li><li>• System design</li><li>• Software specification</li></ul>
<b>Guide Remarks</b>	<p>* Regular Interaction was done * Partial Implementation review has been done</p>
<b>Guide Signature</b>	



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Department of Computer Science and Engineering

Date: 08-04-2022

## Circular

All 8<sup>th</sup> semester students are here by informed to continue with their project work for phase-2 adhering to the review of phase-1. Tentative dates for phase-2 first review are 25<sup>th</sup>, 26<sup>th</sup> and 27<sup>th</sup> April. Detailed schedule will be announced in JAMS shortly.

### Project Coordinators:

**Dr. Ravindra. S**  
Associate Professor

**Dr. Sankhya N Nayak**  
Associate Professor

**Mr. Sandeep B**  
Assistant Professor

**Mrs. Namitha M. V**  
Assistant Professor

**Dr. Poornima K M**  
Professor and Head

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

Sl. No	Parameter	Max Marks	Rubrics
1.	Oral Presentation Preparation	10	Presentation appearance - Excellent(5), Very good(4), Good(3), Fair(2), Poor(1) Presentation Flow - Excellent(5), Very good(4), Good(3), Fair(2), Poor(1)
2.	Oral Presentation Delivery	10	Presentation communication: Excellent(5), Very good(4), Good(3), Fair(2), Poor(1) Presentation Time management: Excellent(5), Very good(4), Good(3), Fair(2), Poor(1)
3.	Involvement and contribution in the team	10	Team Involvement: Excellent(5), Very good(4), Good(3), Fair(2), Poor(1) Contribution to team in various activities conducted as part of Project work: Excellent(5), Very good(4), Good(3), Fair(2), Poor(1)
4.	Mentoring/Leading the team	10	Leadership capabilities: Excellent(5), Very good(4), Good(3), Fair(2), Poor(1) Mentoring capabilities: Excellent(5), Very good(4), Good(3), Fair(2), Poor(1)
5.	Answering the technical questions asked during Project Presentation	10	For each question answered correctly 1 mark with max 10 marks



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Department of Computer Science & Engineering

Project Phase-1 Rubrics for Group:

Sl. No	Parameter	Max Marks	Rubrics
1.	Survey of atleast 10 latest and relevant papers	10	For each latest and relevant paper put in report award 1 mark with max 10 marks
2.	Definition of problem statement	5	For each problem/sub-problem discussed in report award 1 mark with max 5 marks
3.	Enlisting atleast 5 key objectives	5	For each objective defined in report award 1 mark with max 5 marks
4.	Identification of community that shall benefit with defined solution	5	For each point highlighting importance of project to community defined in report put 1 mark with max 5 marks
5.	Environment and/or Societal impact	5	For each point showing significance of project for environment or society in report put 1 mark with max 5 marks
6.	Identification of tools required for solution	5	For each tool required in various modules of project discussed in report put 1 mark with max 5 marks
7.	Project Report	15	Formatting-Excellent(5), Very good(4), Good(3), Fair(2), Poor(1) Organization – Excellent(5), Very good(4), Good(3), Fair(2), Poor(1) References – for each relevant reference included put 1 mark with max 5 marks



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## Department of Computer Science and Engineering

### Project Evaluation Sheet of Phase-1

USN: 4JN19CS409		Name: SUCHITRA S		
Sem: 8		Section: A		
Guide: GANAVI M				
Title: IOT BASED BABY MONITORING SYSTEM				
Sl. No	Parameter	Guide Marks (Max:80)	Coordinator Marks (Max: 20)	Total Marks (Max: 100)
<b>Group Rubrics</b>				
1	Survey of atleast 10 latest and relevant papers	6.4	2	8.4
2	Definition of problem statement	3.2	1	4.2
3	Enlisting atleast 5 key objectives	3.2	1	4.2
4	Identification of community that shall benefit with defined solution	3.2	1	4.2
5	Environment and/or Societal Impact	3.2	1	4.2
6	Identification of tools required for solution	3.2	1	4.2
7	Project Report	10.4	3	13.4
<b>Individual Rubrics</b>				
8	Oral Presentation Preparation	6.4	2	8.4
9	Oral Presentation Delivery	6.4	1.6	8
10	Involvement and contribution in the team	7.2	2	9.2
11	Mentoring/Leading the team	7.2	2	9.2
12	Answering the technical questions asked during Project Presentation	7.2	1.8	9
Total		67.2	19.4	87

  
 Signature of Guide

  
 Signature of Project Coordinators

  
 Signature of HOD



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Department of Computer Science and Engineering

Project Evaluation Sheet of Phase-1

USN: 4JN18CS019		Name: BHAVYASHREE M		
Sem: 8		Section: A		
Guide: JALESH KUMAR				
Title: Intelligent Security Model for Protection of Information Contents in Images				
Sl. No	Parameter	Guide Marks (Max:80)	Coordinator Marks (Max: 20)	Total Marks (Max: 100)
<b>Group Rubrics</b>				
1	Survey of atleast 10 latest and relevant papers	8	2	10
2	Definition of problem statement	4	1	5
3	Enlisting atleast 5 key objectives	4	1	5
4	Identification of community that shall benefit with defined solution	4	1	5
5	Environment and/or Societal impact	4	1	5
6	Identification of tools required for solution	4	1	5
7	Project Report	12	3	15
<b>Individual Rubrics</b>				
8	Oral Presentation Preparation	8	2	10
9	Oral Presentation Delivery	8	2	10
10	Involvement and contribution in the team	8	2	10
11	Mentoring/Leading the team	8	2	10
12	Answering the technical questions asked during Project Presentation	8	2	10
Total		80	20	100

  
Signature of Guide

  
Signature of Project Coordinators

  
Signature of HOD



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Department of Computer Science and Engineering

Date: 08-12-2021

## Circular

All 7<sup>th</sup> semester students are here by informed to note down your project synopsis review schedule (in JAMS) and prepare for the same.

You should submit hard copy of the synopsis signed by your guide along with diary which includes your interaction details with project guide.

### Project Coordinators:

**Dr. Ravindra. S**  
Associate Professor

**Dr. Sankhya N Nayak**  
Associate Professor

**Mr. Sandeep B**  
Assistant Professor

*Name*

**Mrs. Namitha M. V**  
Assistant Professor

**Dr. Poornima K M**  
Professor and Head

Sl. No.	BatchNo.	Students	Guide(s)	Area	Title
					Coefficient Features
35	B35	KEERTHANA M(4JN18CS038) POOJA A BEDRE(4JN18CS066) PRATHEEK G ADIGA(4JN18CS069) SINCHANA K O(4JN18CS097)	MOHAN H G	Deep Learning	Anomaly Detection of Network Traffic using Deep Learning
36	B36	GAURAV KOTE S R(4JN17CS024) RAGHAVENDRA N M(4JN16CS069)	SANDEEP B	ML	Hepatitis B Prediction using Decision tree algorithm
37	B37	SURAJ M(4JN18CS420) NIKIL D J(4JN17CS050)	RAVINDRA S		Secured Biometric Data Transmission For Authentication System Using Steganography Technique

Sl. No.	Batch No.	Students	Guide(s)	Area	Title
26	B26	KAVANA H R(4JN18CS036) KAVANA M GOWDA(4JN18CS037) NANDINI S BHAT(4JN18CS052) SHAMBHAVI M S(4JN18CS084)	MANOHAR NELLI V	AI/ML	Driver Drowsiness Detection System
27	B27	ROHITH S J(4JN17CS072) MANTHANA H K(4JN18CS045) VRUSHANK C M(4JN18CS126) PRATHIK H S(4JN17CS058)	SATHYANARAYAN S	IoT	IoT Based Real Time Driver Fatigue Detection System
28	B28	DEVESH BHASKAR(4JN18CS025) NAVIN KUMAR(4JN18CS055) MADHUSUDHANA B M(4JN18CS043) NAGARAJ TIRUMALESHWAR HEGDE(4JN18CS049)	SOWMYA D	AI/ML	Alexa Based Academic System
29	B29	RAKSHITHA A T(4JN18CS073) SOIJANYA S B(4JN18CS103) SUMITHRA P(4JN18CS112) APEKSHA A N(4JN18CS132)	NARENDRA KUMAR S	IoT / AI / ML	Cryptocurrency And Stock Price Prediction Using Machine Learning
30	B30	SHREYA D B(4JN18CS093) NAMITHA G N(4JN18CS051) GOWRI C PAWAR(4JN18CS028) RAKSHA U S A(4JN17CS065)	SUSHMA R B		DETECTION OF PEDESTRIAN AND VEHICLES FOR ROAD SAFETY.
31	B31	NISHAD ANJUM P(4JN18CS063) PADMAVATHI A(4JN18CS064) PANKAJA T S(4JN18CS065) AISHWARYA S(4JN19CS402)	AYESHA SIDDIQA	Image Processing	Medical Image Security through Feature based Watermarking
32	B32	RANJAN B(4JN18CS075) DARSHAN C S(4JN18CS024) SWARAJ S SHETTY(4JN17CS104) SHIVAKUMAR L S(4JN18CS088)	SAYYED JOHAR		Gesture controlled virtual mouse .
33	B33	SHRESTHA S BHARADWAJ(4JN18CS092) SHREYA S(4JN18CS094) RASHMI R(4JN18CS076) CHETHANA H K(4JN18CS023)	PUSHPA R N	ML / AI	TOMATO LEAF DISEASE DETECTION AND CLASSIFICATION USING CNN AND LVQ ALGORITHM
34	B34	ROHITH M(4JN18CS077) SHARATH U P(4JN18CS085) SANKALP B GARUTHMAN(4JN18CS082) CHETHAN B A(4JN19CS403)	HANDISH M		A Lightweight Cross-version Binary Code Similarity Detection based on Similarity and Correlation

Sl. No.	BatchNo.	Students	Guide(s)	Area	Title
17	B17	YASHASWINI PATIL G A(4JN19CS411) PRAKRUTHI B S(4JN18CS068) INCHARA R HEBBAR(4JN18CS035) KRUTHEEKA N E(4JN19CS404)	NANDISH M	AIML	Cross-platform Binary Code Similarity Detection Using Deep Learning
18	B18	M R VAISHNAVI(4JN18CS042) GREESHMA V S(4JN18CS029) HARSHA K L(4JN18CS032) NEHA C B(4JN18CS056)	NIRMALA SHIVANAND	IoT,ML	IoT based Water Purity Level Indicator for Household and Water Distribution Points
19	B19	CHETANA PRABHU H(4JN18CS022) NIDHISHREE M P(4JN18CS060) SMRUTHI K S(4JN18CS099) ANANYA V BHAT(4JN18CS012)	CHETAN K R		"AIR-PURITY-METER"-A compact device for air purity indication and prediction.
20	B20	NAVANEETH N KAMATH(4JN18CS054) ZAHEER ABBAS(4JN18CS128) MOHAMMED MOIN MIRZA(4JN18CS048) SHASHANK G MALODE(4JN18CS086)	SANKHYA N NAYAK	Machine Learning/ Artificial Intelligence, Cloud Computing	Municipal Informant System using ML
21	B21	PRIYANKA P SAGAR(4JN18CS070) NIHARIKA M S(4JN18CS061) NIKITHA D B(4JN18CS062) NANDITHA K M(4JN18CS053)	THASEEN BHASHITH GANAVI M	AI/ML	Fruit Recognition and Its Grading using Machine Learning
22	B22	RAMYASHREE G(4JN18CS074) NEHA K(4JN18CS057) NIDHI R NAYAK(4JN18CS058) SAPTHAMI BHAT(4JN18CS083)	VEDANANDA D E	Artificial Intelligence Machine learning Image Processing	Automatic Intracranial Tumor Segmentation using Fuzzy C Means and Graph Cut Technique
23	B23	SAHANA R(4JN18CS080) SHREYANKA S(4JN18CS095) SNEHA S(4JN18CS100) SOURABHA MADHYASTHA(4JN18CS104)	BENAKAPPA S M	AI/ML	Detection of Deceptive News using Machine Learning
24	B24	NIDHI N K(4JN19CS406) NANDINI M(4JN19CS405) SHREELAKSHMI C(4JN19CS408) YASHODA N(4JN19CS412)	SREEDEVI S	python	Facial Emotion Based Music Recommendation System
25	B25	SIRI H S(4JN18CS098) NIDHI S R(4JN18CS059) NAGAVENI H N(4JN18CS050) HARSHITHA G S(4JN18CS033)	HIRIYANNA G S	ML/AI	Fake logo detection using machine learning

Sl. No.	Batch No.	Students	Guide(s)	Area	Title
8	B8	ARPITHA A G(4JN18CS016) ANUPA KINI R(4JN18CS014) ARCHANA S R(4JN18CS015) AISHVARYA G S(4JN18CS006)	HIRIYANNA G S	IoT	Product Identification System for Visually Impaired in Supermarket
9	B9	VISHNU NAIR N R(4JN18CS124) VISHNU VATSAV Y A(4JN18CS125) ADITHYA GUJJAR G A(4JN18CS004) VINUTH BT(4JN18CS410)	MANOHAR NELLI V	AI/ML	Sign Language Interpreter
10	B10	SONU KUMAR(4JN18CS101) SPOORTHI B O(4JN18CS105) SURYANSH SINHA(4JN18CS114) SUMA SHARANAPPA NELOGAL(4JN18CS111)	SATHYANARAYAN S	Data science / ML	Medical Data Classification For Prediction of Early Chronic Kidney Disease
11	B11	SPOORTHI R M(4JN18CS106) TANUSHREE N R(4JN18CS116) SHREEVIDYA D(4JN18CS091) DIVYA M(4JN18CS026)	SOWMYA D	Artificial intelligence and machine learning	Social Distance and Face Mask Monitoring
12	B12	GURUDATTA K M(4JN18CS030) ANANYA KUMAR(4JN18CS011) SABATOUHEED H NAIK(4JN18CS407) SOJJANYA K S(4JN18CS102)	NARENDRA KUMAR S	IoT, AI/ML	E-Irrigation system and security
13	B13	ADARSH K(4JN18CS003) HARISH N T(4JN18CS031) RAHUL N(4JN18CS072) SUDEEP M(4JN18CS110)	SANDEEP B	AI/ML	Spam Identification in Short Message Service
14	B14	PRADEEPA P(4JN18CS067) AJJAYYA M(4JN18CS008) MANOJ KUMAR C(4JN18CS044) BHARGAVA M S(4JN18CS018)	CHAKRAPANI D S	Augmented reality	Virtual archeological exploration system(VAES)
15	B15	SUSHMITHA M(4JN18CS115) HIMANI H R(4JN18CS034) TEJASWINI K Y(4JN18CS119) VAIDEHI V(4JN18CS120)	NAMITHA M V	Cryptography	Audio Steganography with Modified LSB for Encrypted Data
16	B16	AADESH SRIRAM(4JN18CS400) AMITH KRISHNA L(4JN18CS010) SAGAR D S(4JN18CS079) SHREYAS KUNTE S(4JN18CS096)	MOHAN H G	Artificial Intelligence / Machine Learning	Botnet detection using DNS query



Dept. of Computer Science and Engineering

Final year Project Work

Sl. No.	BatchNo.	Students	Guide(s)	Area	Title
1	B1	BHAVYASHREE M(4JN18CS019) AKSHATHA N S(4JN18CS009) CHAITRA SHIVAYOGI NELOGAL(4JN18CS020) CHANDANA T B(4JN18CS021)	JALESH KUMAR	ML	Intelligent Security Model for Protection of Information Contents in Images
2	B2	ADITHYA K C(4JN18CS005) AVAEZ BASHA T M(4JN18CS017) SHOAIB ABDUL JABBAR(4JN18CS089) AARIF HUSSAIN DAR(4JN18CS001)	MANJULA G R	IOT	Immunity Assessment
3	B3	VIDHYA Y(4JN18CS122) SPOORTHI S P(4JN18CS107) GOWRI H R(4JN18CS131) PRATHIKSHA B S(4JN18CS130)	CHETAN K R	IOT, AI/ML	Automatic Vehicle Parking Slot Guidance And Fee Collection System Implementing COVID Protocols
4	B4	SUCHITRA S(4JN19CS409) ADITHI M R(4JN19CS401) AISHWARYA H(4JN18CS007) SMRITI BHARTI(4JN17CS094)	THASEEN BHASHITH GANAVI M	IOT	IOT BASED BABY MONITORING SYSTEM
5	B5	SANCHITHA RAO(4JN18CS081) SHILPA G B(4JN18CS087) VAISHNAVI V(4JN18CS121) SNEHA B J(4JN18CS129)	VEDANANDA D E	AI/ML	TRENDING YOUTUBE VIDEO PREDICTION
6	B6	SUDARSHAN N(4JN18CS109) TEJAS S D(4JN18CS118) VINAYAKA B M(4JN18CS123) YUGESH K K(4JN18CS127)	BENAKAPPA S M	Artificial Intelligence.	Attendance Monitoring System
7	B7	ANUBHAB(4JN18CS013) ABHIRAM BHARADWAJ G S(4JN18CS002) KOUSHIK P HERALE(4JN18CS040) TAZEEM DASMINI(4JN18CS117)	SREEDEVI S	Cryptography, AIML	online voting system using triple authentication



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for period 1.7.2019 to 30.6.2022,  
Recognized by Govt. of Karnataka and Affiliated to VTU, Belagavi)



**Department of Computer Science and Engineering**

Date: 29-10-2021

## Circular

All 7<sup>th</sup> semester students are hereby informed to note down your project guides assigned (in JAMS) and meet your respective guides and finalize the topic of your project work.

### Project Coordinators:

**Dr. Ravindra. S**  
Associate Professor






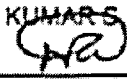



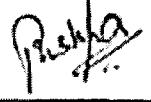




**Dr. Sankhya N Nayak**  
Associate Professor









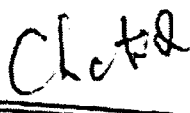

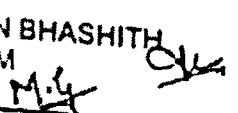


**Mr. Sandeep B**  
Assistant Professor

**Mrs. Namitha M. V**  
Assistant Professor

**Dr. Poornima K M**  
Professor and Head



Sl. No.	BatchNo.	Students	Guide(s)
24	B24	NIDHI N K(4JN19CS406) NANDINI M(4JN19CS405) SHREELAKSHMI C(4JN19CS408) YASHODA N(4JN19CS412)	SREEDEVI S 
25	B25	SIRI H S(4JN18CS098) NIDHI S R(4JN18CS059) NAGA VENI H N(4JN18CS050) HARSHITHA G S(4JN18CS033)	HIRIYANNA G S 
26	B26	KAVANA H R(4JN18CS036) KAVANA M GOWDA(4JN18CS037) NANDINI S BHAT(4JN18CS052) SHAMBHAVI M S(4JN18CS084)	MANOHAR NELLI V 
27	B27	ROHITH S J(4JN17CS072) MANTHANA H K(4JN18CS045) VRUSHANK C M(4JN18CS126) PRATHIK H S(4JN17CS058)	SATHYANARAYAN S 
28	B28	DEVESH BHASKAR(4JN18CS025) NAVIN KUMAR(4JN18CS055) MADHUSUDHANA B M(4JN18CS043) NAGARAJ TIRUMALESHWAR HEGDE(4JN18CS049)	SOWMYA D 
29	B29	RAKSHITHA A T(4JN18CS073) SOUJANYA S B(4JN18CS103) SUMITHRA P(4JN18CS112) APEKSHA A N(4JN18CS132)	NARENDRA KUMAR S 
30	B30	SHREYA D B(4JN18CS093) NAMITHA G N(4JN18CS051) GOWRI C PAWAR(4JN18CS028) RAKSHA U S A(4JN17CS065)	SUSHMA R B 
31	B31	NISHAD ANJUM P(4JN18CS063) PADMAVATHI A(4JN18CS064) PANKAJA T S(4JN18CS065) AISHWARYA S(4JN19CS402)	AYESHA SIDDIQA 
32	B32	RANJAN B(4JN18CS075) DARSHAN C S(4JN18CS024) SWARAJ S SHETTY(4JN17CS104) SHIVAKUMAR L S(4JN18CS088)	SAYYED JOHAR 
33	B33	SHRESTHA S BHARADWAJ(4JN18CS092) SHREYA S(4JN18CS094) RASHMI R(4JN18CS076) CHETHANA H K(4JN18CS023)	PUSHPA R N 
34	B34	ROHITH M(4JN18CS077) SHARATH U P(4JN18CS085) SANKALP B GARUTHMAN(4JN18CS082) CHETHAN B A(4JN19CS403)	NANDISH M 
35	B35	KEERTHANA M(4JN18CS038) POOJA A BEDRE(4JN18CS066) PRATHEEK G ADIGA(4JN18CS069) SINCHANA K O(4JN18CS097)	MOHAN H G 
36	B36	GAURAV KOTE S R(4JN17CS024) RAGHAVENDRA N M(4JN16CS069)	SANDEEP B 
37	B37	SURAJ M(4JN18CS420) NIKIL D J(4JN17CS050)	RAVINDRA S 

Sl. No.	BatchNo.	Students	Guide(s)
11	B11	SPDORTHIR M (4JN18CS105) TANUSHREE N R (4JN18CS116) SHREEVIDYA D (4JN18CS091) DIVYA W (4JN18CS026)	SOWMIYA D 
12	B12	GURUDATTA K V (4JN18CS030) ANANYA KUMAR (4JN18CS011) SABATOUHEED H NAIK (4JN18CS407) SOULJANYA K S (4JN18CS102)	NARENDRA KUMAR S 
13	B13	ADARSH K (4JN18CS003) HARISH N T (4JN18CS031) RAHUL N (4JN18CS072) SUDEEP M (4JN18CS110)	SANDEEP B 
14	B14	PRADEEPA P (4JN18CS057) AJJAYYA M (4JN18CS008) MANOJ KUMAR C (4JN18CS044) BHARGAVA M S (4JN18CS018)	CHAKRAPANI D S 
15	B15	SUSHVITHA M (4JN18CS115) HIMANI H R (4JN18CS034) TEJASWINI K Y (4JN18CS119) VAIDEHI V (4JN18CS120)	NAMITHA M V 
16	B16	AADESH SRIRAJ (4JN18CS400) AMITH KRISHNA L (4JN18CS010) SAGAR D S (4JN18CS079) SHREYAS KUNTE S (4JN18CS096)	MOHAN H G 
17	B17	YASHASWINI PATIL G A (4JN18CS411) PRAKRUTHI B S (4JN18CS068) INCHARA R HEBBAR (4JN18CS035) KRUTHEEKA N E (4JN18CS404)	NANDISH M 
18	B18	M R VAISHNAVI (4JN18CS042) GREESHMA V S (4JN18CS029) HARSHA K L (4JN18CS032) NEHA C B (4JN18CS056)	NIRMALA SHIVANAND 
19	B19	CHETANA PRABHU H (4JN18CS022) NIDHISHREE M P (4JN18CS060) SMRUTHI K S (4JN18CS099) ANANYA V BHAT (4JN18CS012)	CHETAN K R 
20	B20	NAVANEETH N KAMATH (4JN18CS054) ZAHEER ABBAS (4JN18CS128) MOHAMMED MOIN MIRZA (4JN18CS048) SHASHANK G MALODE (4JN18CS086)	SANKHYA N NAYAK 
21	B21	PRIYANKA P SAGAR (4JN18CS070) NIHARIKA M S (4JN18CS061) NIKITHA D B (4JN18CS062) NANDITHA K M (4JN18CS053)	THASEEN BHASHITH GANAVI M 
22	B22	RAMYASHREE G (4JN18CS074) NEHA K (4JN18CS057) NIDHI R NAYAK (4JN18CS058) SAPTHAMI BHAT (4JN18CS083)	VEDANANDA D E 
23	B23	SAHANA R (4JN18CS080) SHREYANKA S (4JN18CS095) SNEHA S (4JN18CS100) SOURABHA MADHYASTHA (4JN18CS104)	BENAKAPPA S M 



Dept. of Computer Science and Engineering

Final year Project Work – Guide Allocation

Sl. No.	BatchNo.	Students	Guide(s)
1	B1	BHAVYASHREE M(4JN18CS019) AKSHATHA N S(4JN18CS009) CHAITRA SHIVAYOGI NELOGAL(4JN18CS020) CHANDANA T B(4JN18CS021)	JALESH KUMAR <i>[Signature]</i>
2	B2	ADITHYA K C(4JN18CS005) AVAEZ BASHA T M(4JN18CS017) SHOAIB ABDUL JABBAR(4JN18CS089) AARIF HUSSAIN DAR(4JN18CS001)	MANJULA G R <i>[Signature]</i>
3	B3	VIDHYA Y(4JN18CS122) SPOORTHI S P(4JN18CS107) GOWRI H R(4JN18CS131) PRATHIKSHA B S(4JN18CS130)	CHETAN K R <i>[Signature]</i>
4	B4	SUCHITRA S(4JN19CS402) ADITHI M R(4JN19CS401) AISHWARYA H(4JN18CS007) SMRITI BHARTI(4JN17CS034)	THASEEN BHASHITH GANAVI M <i>[Signature]</i>
5	B5	SANCHITHA RAO(4JN18CS051) SHILPA G B(4JN18CS087) VAISHNAVI V(4JN18CS121) SNEHA B J(4JN18CS129)	VEDANANDA D E <i>[Signature]</i>
6	B6	SUDARSHAN N(4JN18CS109) TEJAS S D(4JN18CS118) VINAYAKA B M(4JN18CS123) YUGESH K K(4JN18CS127)	BENAKAPPA S M <i>[Signature]</i>
7	B7	ANUBHAB(4JN18CS013) ABHIRAM BHARADWAJ G S(4JN18CS002) KOUSHIK P HERALE(4JN18CS040) TAZEEM RASHID(4JN18CS117)	SREEDEVI S <i>[Signature]</i>
8	B8	ARPITHA A G(4JN18CS016) ANUPA KINI R(4JN18CS014) ARCHANA S R(4JN18CS015) AISHWARYA G S(4JN18CS006)	HIRIYANNA G S <i>[Signature]</i>
9	B9	VISHNU NAJR N R(4JN18CS124) VISHNU VATSAV Y A(4JN18CS125) ADITHYA GUJJAR G A(4JN18CS004) VINUTH BT(4JN19CS410)	MANOHAR NELLI V <i>[Signature]</i>
10	B10	SONU KUMAR(4JN18CS101) SPOORTHI B O(4JN18CS105) SURYANSH SINHA(4JN18CS114) SUMA SHARANAPPA NELOGAL(4JN18CS111)	SATHYAJARAYAN S <i>[Signature]</i>



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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 Computer Science and Engineering**

Date: 29-10-2021

**Circular**

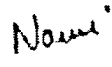
All faculty are here by informed to note down your project batches assigned (in JAMS) and guide your students to finalize the topic of project work.

**Project Coordinators:**

  
**Dr. Ravindra. S**  
Associate Professor

  
**Dr. Sankhya N Nayak**  
Associate Professor

  
**Mr. Sandeep B**  
Assistant Professor

  
**Mrs. Namitha M. V**  
Assistant Professor

  
**Dr. Poornima K M**  
Professor and Head



**Dept. of Computer Science and Engineering**

**Final year Project Work – Guide Area of Interest**

Sl. No.	Faculty	Area
1	CHETAN K R	IoT, Big DataSets ML, Visualization, Conversational AI, Intelligent Agents
2	NIRMALA SHIVANAND	Image processing and pattern recognition Image security Data mining NLP
3	POORNIMA K M	Image processing Pattern Recognition AI&ML
4	JALESH KUMAR	Information Security, Artificial intelligence, Machine learning
5	SAYYED JOHAR	IOT, IOMT, AI/ML, DEEP LEARNING
6	MANJULA G R	AI and ML Steganography
7	RAVINDRA S	Artificial intelligence and Machine Learning, Image Processing, Internet of Things, Block chain
8	SANKHYA N NAYAK	Machine Learning, IOT, AI, cloud, Cryptography, Steganography
9	GANAVI M	Image processing, cryptography and internet of things
10	VEDANANDA D E	Networking 5G communication, AI based automation Image processing Mobile application development
11	BENAKAPPA S M	Wireless Ad hoc Networks, Sensor Networks, Computer Networks.



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



**Department of Computer Science and Engineering**

Date: 07-10-2021

## Circular

All faculty are here by informed to update their area of interest in JAMS to ease the process of guide allocation to final year projects.

Note: Select academic year 2021-22(odd) and then proceed to academic

1. Project work
2. Area of interest

### Project Coordinators:

**Dr. Ravindra. S**  
Associate Professor

**Dr. Sankhya N Nayak**  
Associate Professor

**Mr. Sandeep B**  
Assistant Professor

**Mrs. Namitha M. V**  
Assistant Professor

**Dr. Poornima K M**  
Professor and Head



**Dept. of Computer Science and Engineering**

**Final year Project Work – Batch Formation and Area of Interest**

Sl. No.	BatchNo.	Students	Area
1	B1	BHAVYASHREE M(4JN18CS019) AKSHATHA N S(4JN18CS009) CHAITRA SHIVAYOGI NELOGAL(4JN18CS020) CHANDANA T B(4JN18CS021)	ML
2	B2	ADITHYA K C(4JN18CS005) AVAEZ BASHA T M(4JN18CS017) SHOAIB ABDUL JABBAR(4JN18CS089) AARIF HUSSAIN DAR(4JN18CS001)	IOT
3	B3	VIDHYA Y(4JN18CS122) SPOORTHI S P(4JN18CS107) GOWRI H R(4JN18CS131) PRATHIKSHA B S(4JN18CS130)	IOT, AI/ML
4	B4	SUCHITRA S(4JN19CS409) ADITHI M R(4JN19CS401) AISHWARYA H(4JN18CS007) SMRITI BHARTI(4JN17CS094)	IOT
5	B5	SANCHITHA RAO(4JN18CS081) SHILPA G B(4JN18CS087) VAISHNAVI V(4JN18CS121) SNEHA B J(4JN18CS129)	AI/ML
6	B6	SUDARSHAN N(4JN18CS109) TEJAS S D(4JN18CS118) VINAYAKA B M(4JN18CS123) YUGESH K K(4JN18CS127)	Artificial Intelligence,
7	B7	ANUBHAB(4JN18CS013) ABHIRAM BHARADWAJ G S(4JN18CS002) KOUSHIK P HERALE(4JN18CS040) TAZEEM RASHID(4JN18CS117)	Cryptography, AIML
8	B8	ARPITHA A G(4JN18CS016) ANUPA KINI R(4JN18CS014) ARCHANA S R(4JN18CS015) AISHWARYA G S(4JN18CS006)	IOT
9	B9	VISHNU NAIR N R(4JN18CS124) VISHNU VATSAV Y A(4JN18CS125) ADITHYA GUJJAR G A(4JN18CS004) VINUTH BT(4JN19CS410)	AI/ML
10	B10	SONU KUMAR(4JN18CS101) SPOORTHI B O(4JN18CS105) SURYANSH SINHA(4JN18CS114) SUMA SHARANAPPA NELOGAL(4JN18CS111)	Data science / ML



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 Computer Science and Engineering**

Date: 07-10-2021

**Circular**

All 7<sup>th</sup> semester students are hereby informed to form project batches for your final year project and update the same in JAMS.

Note: Select academic year 2021-22(odd) and then proceed to

1. Project Batch Formation
2. Project area

**Project Coordinators:**

**Dr. Ravindra. S**  
Associate Professor

**Dr. Sankhya N Nayak**  
Associate Professor

**Mr. Sandeep B**  
Assistant Professor

**Mrs. Namitha M. V**  
Assistant Professor

**Dr. Poornima K M**  
Professor and Head





National Education Society (R.)

## Jawaharlal Nehru National 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 and Telecommunication Engineering



### Process of Identification and allocation of projects to Faculty, Monitoring and Evaluation of projects.

#### **Preamble:**

The curriculum involves a project work in the final year of the program.

- Project Evaluation Team consists of Head of the Department, Associate Professor, Project Coordinators, four Assistant Professors to evaluate the project.
- Students are provided an insight of various fields for selecting the project ideas.
- The list of previous year project work is shared in google classroom which ensures no repetition of project work and encourages students to enhance the previous works. They are also encouraged to visit Departmental Library for referring Project reports of previous year.
- The students will be informed at the beginning of the 7th semester to form batches consisting a maximum of 4 students per batch in JAMS.
- Students are given an opportunity to give a choice of the faculty members as their guide depending upon the area of interest of each faculty as shared in google classroom.

#### **Project Identification and Guide allotment:**

1. The faculty members encourage the students to carry out the project based on research insight, innovation, societal contribution and relevance to the current scenario.
2. Based on the students chosen area, faculty competency and relevant area of interest, allocation of guide to respective batches is done in JAMS.
3. Project problem statement are proposed by the department faculty and the students.
4. Students are given freedom to propose project ideas they wish to undertake and submit the project abstracts to project coordinators within deadline.
5. The committee will scrutinize project synopsis based on the relevance of the topic and its description.
6. The list of finalized project topics will be announced in Google classroom.
7. The faculty members encourage students to avail the external funding schemes for their project work. (like IEDC, JNNCART, KSCST, VTU project funding scheme)
  - \*IEDC- Innovation and Entrepreneurship Development Centres
  - \*JNNCART- JNN centre for Agriculture and rural technologies
  - \*KSCST- Karnataka State Council for Science and Technology
  - \*VTU- Visvesvaraya Technological University

#### **Process for monitoring and evaluation**

Regular monitoring of project work is done to ensure that students work as per timeline. The following are the processes followed to monitor the project work of the students:

1. Rubrics for evaluating Project marks is posted in the Google classroom at the beginning of the semester.
2. Project Synopsis review will be conducted in presence of respective project batch, Guide, Project Evaluation Team and staff members. Suggestions will be informed to student project batches during Synopsis review.
3. All the students must report to their internal guides on weekly basis regarding the progress of their project work.

