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SAPTHAGIRI COLLEGE OF ENGINEERING

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DEPARTMENT OF ISE



Academic Year : 2021-22

Subject : Project Work

Subject Code : 18CSP83

Semester/ Section : VIII A & B

Consolidated List of Projects

Batch No.	USN	Name of the Student	Title of the Project
B-1	1SG18IS003	Abhigna A Bharadwaj	Drowsiness Detection Using ML
	1SG18IS005	Akshaya R	
	1SG18IS011	Ankith P Chikkur	
	1SG18IS059	Minju A J	
B-2	1SG18IS031	Darshini A	Plant Disease Detection using Deep Learning Approach
	1SG18IS039	Harshitha P V	
	1SG18IS061	Monika P	
	1SG18IS062	Nagashree V S M	
B-3	1SG18IS006	Amale Vedika Ravindra	Detection of Pneumonia Due To COVID-19 Using Convolutional Neural Network
	1SG18IS038	Gouthami V Kulkarni	
B-4	1SG18IS002	Aanchal P Jain	Farmer Friendly Crop Price Prediction Model
	1SG18IS018	Ashmita S R	
	1SG18IS055	Mahadevi N C	
	1SG18IS056	Mansi Singh	
B-5	1SG18IS022	Bharath B	Gaze -Based Secured Authentication Using Morse code
	1SG18IS032	Deepika S	
	1SG18IS033	Deva R	
	1SG18IS051	L Sandeep Reddy	
B-6	1SG18IS026	Bhavana B	Smart Traffic Sign Detection
	1SG18IS034	Divya S Madival	
	1SG18IS036	Girish L	
	1SG18IS046	K B Geeta	
B-7	1SG18IS012	Ankush L	Retinal Disease Classification Using Deep learning Frameworks
	1SG18IS019	Ashray B G	
	1SG18IS043	Hemanth V Mane	
	1SG18IS052	Likhith N	
B-8	1SG18IS048	Kavya Bhat	Image captioning for blind people using ML and DL
	1SG18IS049	Kousalya B T	
	1SG18IS057	Meghana N	
	1SG18IS058	Meghashree D P	

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Batch No.	USN	Name of the Student	Title of the Project
B-9	1SG18IS041	Hemanth Kumar K	Intelligent Packaging Solutions
	1SG18IS042	Hemanth P T	
	1SG18IS047	K P Chandan	
	1SG18IS063	Nandana S Hegde	
B-10	1SG18IS004	Abhishek Raj	Predicting Unwanted User in Social Media
	1SG18IS027	Bhupendra Chaturvedi	
	1SG18IS028	Bishak Dey	
	1SG18IS050	Kumar Priyanshu	
B-11	1SG18IS008	Ananya A	CKD Using Machine Learning
	1SG18IS030	Chandana H C	
B-12	1SG18IS017	Arnav Raj	Diagnosis of Pneumonia from Chest X-Ray Image Using Deep Learning
	1SG18IS021	Ayushman Srivastava	
B-13	1SG17IS044	Kishore Kumar A	Mouse and Keyboard Motion Sensing Using Hand Signs
	1SG18IS001	Aakash G Prasad	
	1SG18IS016	Arjun B R	
	1SG18IS044	Hrithik R	
B-14	1SG18IS014	Anshul Kumar	Healthcare Assistant and Companion Using AI-ML and OpenCV
	1SG18IS015	Anurag Mozumdar	
	1SG18IS020	Ayush Srivastav	
	1SG18IS025	Bhaskar Anand	
B-15	1SG18IS010	Anjana G Nadig	Network Intrusion Detection System
	1SG17IS023	Chandrakala Chamaraj Yalival	
	1SG18IS040	Harshitha R	
	1SG18IS054	Likhitha D J	
B-16	1SG18IS009	Anjan Gowda C	Face Mask and Social Distance Detection Using AI and ML
	1SG18IS023	Bharath Gowda R	
	1SG18IS024	Bharath R	
	1SG18IS053	Likhith R	
B-17	1SG18IS104	Sowmya C	Crop Yield Prediction Model
	1SG18IS107	Sri Varshni K S	
	1SG18IS113	Swetha S	
	1SG18IS117	Tejesh B S	
B-18	1SG18IS079	Prakhar Srivastava	Crowd Counting Using Artificial Intelligence and Machine Learning
	1SG18IS114	Tanu Raghav	
	1SG18IS123	Vatsal Anand	
	1SG19IS401	Shreya Srivastava	

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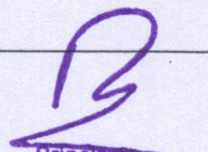
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Batch No.	USN	Name of the Student	Title of the Project
B-19	1SG18IS013	Anmol Singh	Efficient Eye Blink Detection Method to Assist Paralysed Patients Using Artificial Intelligence
	1SG18IS086	Roshan Anegundi	
	1SG18IS088	Sadvi H D	
	1SG18IS089	Sahana A	
B-20	1SG18IS065	Nandini R	Fake Currency Detection using Image Processing
	1SG18IS076	Poornima J	
	1SG18IS083	Priyanka O	
	1SG19IS400	Dinesh Reddy	
B-21	1SG18IS068	Neha M P	Collaborative Compiler with Pair Programming
	1SG18IS077	Prajwal C Patil	
	1SG18IS101	Shreyas M Kaushik	
	1SG18IS126	Yashaswini P	
B-22	1SG18IS109	Suhana S	Leukemia Cancer Cells using Image Processing
	1SG18IS110	Sujan Ravindra	
	1SG18IS111	Sushmitha C	
B-23	1SG18IS075	Pavithra M B	Soldier Tracking and Health Monitoring System
	1SG18IS094	Sharanya Madhusudhan	
	1SG18IS121	Vanshika Singh	
	1SG17IS076	Rashmi K P	
B-24	1SG18IS080	Prateek Kumar Singh	Suicidal Ideation Detection using AI and ML
	1SG18IS092	Satyam Patidar	
	1SG18IS105	Sparsha M N	
	1SG18IS124	Vivek Singh Kushwaha	
B-25	1SG18IS098	Shetty Diksha Devdas	Crack Detection in Railway Tracks Using CNN Algorithm
	1SG18IS103	Sneha M	
	1SG18IS116	Tejaswini T	
	1SG18IS122	Vasudha S N	
B-26	1SG18IS096	Sharma Mayank	IoT Based Real Time LPG Gas Detection
	1SG18IS097	Shashwat Seth	
	1SG18IS100	Shreya	
	1SG18IS119	Ummai Hani	
B-27	1SG18IS064	Nandini N K	Prediction of Autism Spectrum Disorder Using Random Forst and Adaboost Algorithm
	1SG18IS106	Spurthi V	
	1SG18IS108	Srusti R	
	1SG18IS112	Sushmitha U	
B-28	1SG18IS082	Priyank Singh	Credit Card Fraud Detections Using ML
	1SG18IS099	Shivam Kumar	
	1SG18IS118	Uday Pratap	
	1SG18IS120	Utkarsh Singh	


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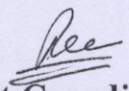
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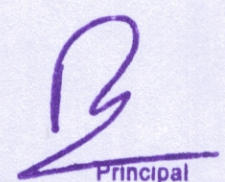
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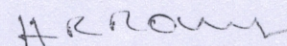
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Batch No.	USN	Name of the Student	Title of the Project
B-29	1SG17IS063	Prajwal S	Gesture Control Car Using Arduino
	1SG18IS072	Niranjan J Wadekar	
	1SG18IS073	Nithin Kumar M	
	1SG18IS115	Tejakumar G	
B-30	1SG18IS066	Navya Shree K S	Availability of Car Parking Slot Using YOLOv2 Algorithm
	1SG18IS070	Nikitha B K	
	1SG18IS085	Ramyashree Jogi	
	1SG18IS091	Sanjana M	
B-31	1SG18IS084	Rahul M	Online Test Cheat Monitoring Using AI and ML
	1SG18IS090	Sameer Sharma	
	1SG18IS095	Sharath K R	
	1SG18IS125	Yashas S B	
B-32	1SG18IS071	Nilesh K H	E-Bidding System Using Block Chain Technology
	1SG18IS074	Paul S A	
	1SG18IS078	Prajwal N	
	1SG18IS081	Prem Kumar R	
B-33	1SG18IS067	Neeraj S	Visual Question Answering using Deep Learning
	1SG18IS069	Nikhil Shetty	
	1SG18IS087	S Kalifullah Dhameem Ansari	
	1SG18IS102	Shridhar Yaligar	


Project Coordinator


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Dr H.R Ranganatna
Prof. & H.O.D

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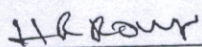
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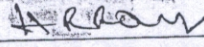
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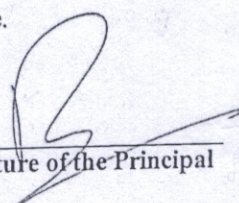
Certified that the Project work entitled **DROWSINESS DETECTION USING ML** carried out by MS. ABHIGNA A BHARADWAJ (1SG18IS003), Ms. AKSHAYA R (1SG18IS005), Mr. ANKITH P CHIKKUR (1SG18IS011) and Ms. MINJU A J (1SG18IS059), bonafide students of 8th semester, Department of Information Science & Engineering was carried out at our college Sapthagiri College of Engineering, Bengaluru in partial fulfillment of the award of Bachelor of Engineering in Information Science & Engineering of the Visvesvaraya Technological University, Belagavi during the year 2021-22. It is certified that all corrections/suggestions indicated for Final Assessment have been incorporated in the Report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.


Signature of the Guide

Dr. H.R. Ranganatha
Professor & Head


Signature of the HOD

Dr. H.R. Ranganatha
Professor & Head


Signature of the Principal
Dr. H Ramakrishna
Principal

External Viva

Name of the Examiners

1. H R Ranganatha
2. Sudasana D

Signature of the Examiners with Date

1. H R Ranganatha 28/7/22
2. Ay 28/7/22


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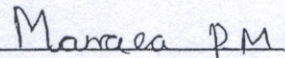
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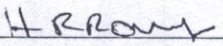
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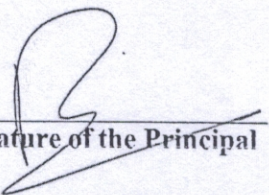
Certified that the Project work entitled **Plant Disease Detection Using Deep Learning Approach** carried out by Ms. Darshini A (1SG18IS031), Ms. Harshitha P V (1SG18IS039), Ms. Monika P (1SG18IS061) and Ms. Nagashree V S M (1SG18IS062), bonafide students of 8th semester, Department of Information Science & Engineering was carried out at our college Sapthagiri College of Engineering, Bengaluru in partial fulfillment of the award of **Bachelor of Engineering in Information Science & Engineering** of the Visvesvaraya Technological University, Belagavi during the year 2021-22. It is certified that all corrections/suggestions indicated for Final Assessment have been incorporated in the Report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.


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Prof. Manasa P M
Assistant Professor


Signature of the HOD

Dr. H.R. Ranganatha
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Signature of the Principal
Dr. H Ramakrishna
Principal

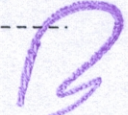
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Name of the Examiners

1. H R Ranganatha
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1. H R Ranganatha 28/2/22
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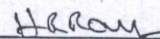
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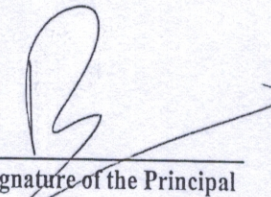
Certified that the Project work entitled "DETECTION OF COVID-19 PNEUMONIA USING CONVOLUTIONAL NEURAL NETWORKS" carried out by Ms. Amale Vedika Ravindra (1SG18IS006) and Ms. Gouthami V Kulkarni (1SG18IS038), bonafide students of 8th semester, Department of Information Science & Engineering was carried out at our college Sapthagiri College of Engineering, Bengaluru in partial fulfillment of the award of Bachelor of Engineering in Information Science & Engineering of the Visvesvaraya Technological University, Belagavi during the year 2021-22. It is certified that all corrections/suggestions indicated for Final Assessment have been incorporated in the Report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.


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Prof. Prerana Chaithra
Associate Professor


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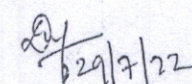
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1. H. R. Ranganatha 29/7/22
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Certified that the Project work entitled **FARMER FRIENDLY CROP PRICE PREDICTION MODEL** carried out by Ms. Aanchal P Jain (1SG18IS002), Ms. Ashmita S R (1SG18IS018), Ms. Mahadevi N C (1SG18IS055) and Ms. Mansi Singh (1SG18IS056), bonafide students of 8th semester, Department of Information Science & Engineering was carried out at our college Sapthagiri College of Engineering, Bengaluru in partial fulfillment of the award of Bachelor of Engineering in Information Science & Engineering of the Visvesvaraya Technological University, Belagavi during the year 2021-22. It is certified that all corrections/suggestions indicated for Final Assessment have been incorporated in the Report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.

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Prof. Sudarsanan D
Assistant Professor

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Signature of the Principal

Dr. H Ramakrishna
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Name of the Examiners

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2. Sudarsanan D

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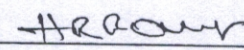
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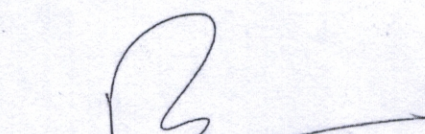
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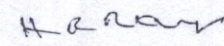
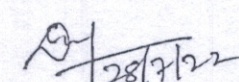
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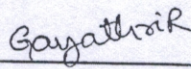
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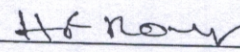
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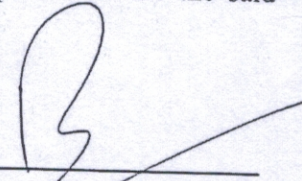
Certified that the Project work entitled **SMART TRAFFIC SIGN DETECTION** carried out by **BHAVANA B (1SG18IS026)**, **DIVYA S MADIVAL (1SG18IS034)**, **GIRISH L (1SG18IS037)**, **K B GEETA (1SG18IS046)** bonafide students of 8th semester, Department of Information Science & Engineering carried out at our college Sapthagiri College of Engineering, Bengaluru in partial fulfillment of the award of Bachelor of Engineering in Information Science & Engineering of the Visvesvaraya Technological University, Belagavi during the year 2021-22. It is certified that all corrections/suggestions indicated for Final Assessment have been incorporated in the Report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.



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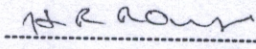
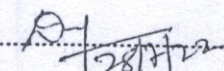
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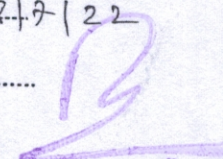
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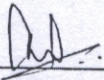
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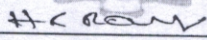
Department of Information Science & Engineering

CERTIFICATE

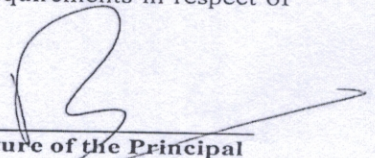
Certified that the Project work entitled **Retinal Disease Classification using Deep Learning Frameworks** carried out by Mr. Ankush L. (1SG18IS012), Mr. Ashray B. G. (1SG18IS019), Mr. Hemanth V. Mane (1SG18IS043) and Mr. Likhith N. (1SG18IS052), bonafide students of 8th semester, Department of Information Science & Engineering was carried out at our college Sapthagiri College of Engineering, Bengaluru in partial fulfillment of the award of Bachelor of Engineering in Information Science & Engineering of the Visvesvaraya Technological University, Belagavi during the year 2021-22. It is certified that all corrections/suggestions indicated for Final Assessment have been incorporated in the Report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.


Signature of the Guide

Prof. Ramya R.
Assistant Professor


Signature of the HOD

Dr. H.R. Ranganatha
Professor & Head


Signature of the Principal

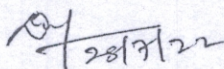
Dr. H. Ramakrishna
Principal

External Viva

Name of the Examiners

1. H R RANGANATHA
2. Sudasanan D.

Signature of the Examiners with Date

1. H R Ranganatha 28/2/22
2.  28/2/22


Principal
Sapthagiri College of Engineering
14/5, Chikkasandra, Hesarghatta Main Road
Bengaluru - 560 057

SAPTHAGIRI COLLEGE OF ENGINEERING

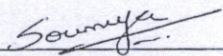
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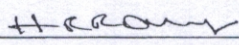


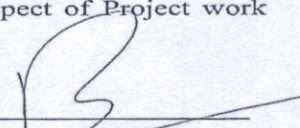
Department of Information Science & Engineering

CERTIFICATE

Certified that the Project work entitled **IMAGE CAPTIONING FOR BLIND PEOPLE USING ML AND DL** carried out by **KAVYA BHAT (1SG18IS048)**, **KOUSALYA B T (1SG18IS049)**, **MEGHANA N (1SG18IS057)**, **MEGHASHREE D P (1SG18IS058)** bonafide students of 8th semester, Department of Information Science & Engineering carried out at our college Sapthagiri College of Engineering, Bengaluru in partial fulfillment of the award of **Bachelor of Engineering in Information Science & Engineering** of the **Visvesvaraya Technological University, Belagavi** during the year 2021-22. It is certified that all corrections/suggestions indicated for Final Assessment have been incorporated in the Report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.


Signature of the Guide
Prof. Sowmya Somanath
Assistant Professor


Signature of the HOD
Dr. H.R. Ranganatha
Professor & Head


Signature of the Principal
Dr. H Ramakrishna
Principal

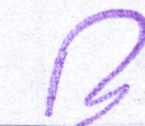
External Viva

Name of the Examiners

1. H.R. Ranganatha
2. Sudassanan D

Signature of the Examiners with Date

1. H.R. Ranganatha 25.1.22
2. Sudassanan D 29.1.22


Principal
Sapthagiri College of Engineering
14/5, Chikkasandra, Hesaraghatta Main Road
Bengaluru - 560 057

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Department of Information Science & Engineering

CERTIFICATE

Certified that the Project work entitled "Intelligent Packaging Solutions" carried out by Mr. Hemanth Kumar K. (1SG18IS041), Mr. Hemanth P.T. (1SG18IS042), Mr. K.P. Chandan (1SG18IS047) and Mr. Nandana S Hegde (1SG18IS063), bonafide students of 8th semester, Department of Information Science & Engineering was carried out at our college Sapthagiri College of Engineering, Bengaluru in partial fulfillment of the award of Bachelor of Engineering in Information Science & Engineering of the Visvesvaraya Technological University, Belagavi during the year 2021-22. It is certified that all corrections/suggestions indicated for Final Assessment have been incorporated in the Report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.

Signature of the Guide

Prof. Ambika S.
Assistant Professor

Signature of the HOD

Dr. H.R. Ranganatha
Professor & Head

Signature of the Principal

Dr. H. Ramakrishna
Principal

External Viva

Name of the Examiners

1. H.R. Ranganatha
2. Sudarshan D.

Signature of the Examiners with Date

1. H.R. Ranganatha 28/7/22
2. Sudarshan D. 28/7/22

Principal
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Bengaluru - 560 057

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Department of Information Science & Engineering

CERTIFICATE

Certified that the Project work entitled **Predicting Unwanted User in Social Media** carried out by **Abhishek Raj (1SG18IS004)**, **Bhupendra Chaturvedi (1SG18IS027)**, **Bishak Dey (1SG18IS028)** and **Kumar Priyanshu (1SG18IS050)**, bonafide students of 8th semester, Department of Information Science & Engineering was carried out at our college **Sapthagiri College of Engineering**, Bengaluru in partial fulfillment of the award of **Bachelor of Engineering in Information Science & Engineering** of the **Visvesvaraya Technological University**, Belagavi during the year 2021-22. It is certified that all corrections/suggestions indicated for Final Assessment have been incorporated in the Report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.

Signature of the Guide

Prof. Ramya R
Assistant Professor

Signature of the HOD

Dr. H.R. Ranganatha
Professor & Head

Signature of the Principal

Dr. H Ramakrishna
Principal

External Viva

Name of the Examiners

1. H Ranganatha
2. Sudasana D

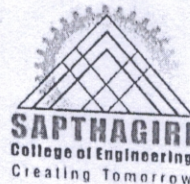
Signature of the Examiners with Date

1. H Ranganatha 28/7/22
2. Sudasana D 28/7/22

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Sapthagiri College of Engineering
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Bengaluru - 560 057

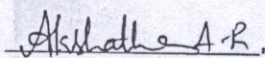
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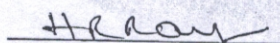


CERTIFICATE

Certified that the project work entitled "CKD USING MACHINE LEARNING" carried out by Ms. ANANYA A (1SG18IS008), Ms. CHANDANA H C (1SG18IS030) bonafide students of 8th semester, Department of Information Science & Engineering carried out at our college Sapthagiri College of Engineering, Bengaluru in partial fulfillment of the award of Bachelor of Engineering in Information Science and Engineering of the Visvesvaraya Technological University, Belagavi during the year 2021-22. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the. Report deposited in the departmental library. The project report as been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.



Prof. Akshatha.A.R.
Assistant Professor
Signature of the Guide



Dr.H.R.Ranganath
Head of the Dept
Signature of the HOD



Dr.H. Ramakrishna
Principal
Signature of the Principal

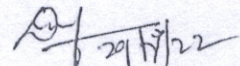
External Viva

Signature of the Examiners

H R RANGANATHA

Sudakarana D

Signature of the Examiners with Date

1. H R Ranganath 29/7/22
2.  29/7/22



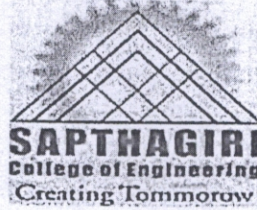
Principal
Sapthagiri College of Engineering
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Bengaluru - 560 057

PM

SAPTHAGIRI COLLEGE OF ENGINEERING

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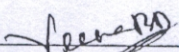
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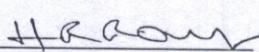


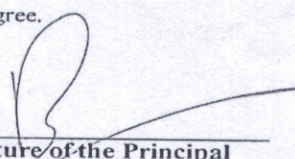
Department of Information Science & Engineering

CERTIFICATE

Certified that the Project work entitled "DIAGNOSIS OF PNEUMONIA FROM CHEST X-RAY IMAGES USING DEEP LEARNING" carried out by Arnav Raj(1SG18IS017), Ayushman Srivastava(1SG18IS021), Mithun Kumar H R(1SG18IS060), bonafide students of 8th semester, Department of Information Science & Engineering carried out at our college Sapthagiri College of Engineering, Bengaluru in partial fulfilment of the award of Bachelor of Engineering in Information Science & Engineering of the Visvesvaraya Technological University, Belagavi during the year 2021-22. It is certified that all corrections/suggestions indicated for Final Assessment have been incorporated in the Report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.


Signature of the Guide
Prof. Veena Dhavalgi
Assistant Professor


Signature of the HOD
Dr. H. R. Ranganatha
Professor & Head

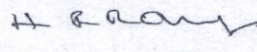
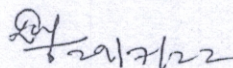

Signature of the Principal
Dr. H. Ramakrishna
Principal

External Viva

Name of the Examiners

1. H R Ranganatha
2. Sudarshan D.

Signature of the Examiners with Date

1.  29/7/22
2.  29/7/22


Principal
Sapthagiri College of Engineering
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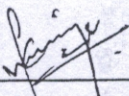
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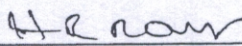
Department of Information Science & Engineering

CERTIFICATE

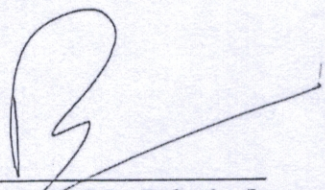
Certified that the Project work entitled **MOUSE AND KEYBOARD MOTION SENSING USING HAND SIGNS** carried out by **Mr. Kishore Kumar A (1SG17IS044)**, **Mr. Aakash G Prasad (1SG18IS001)**, **Mr. Arjun B R (1SG18IS016)** and **Mr. Hrithik R Kharvi (1SG18IS044)**, bonafide students of 8th semester, Department of Information Science & Engineering was carried out at our college Sapthagiri College of Engineering, Bengaluru in partial fulfillment of the award of **Bachelor of Engineering in Information Science & Engineering** of the **Visvesvaraya Technological University, Belagavi** during the year 2021-22. It is certified that all corrections/suggestions indicated for Final Assessment have been incorporated in the Report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.


Signature of the Guide

Prof. Chaitanya V
Assistant Professor


Signature of the HOD

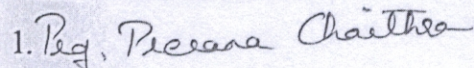
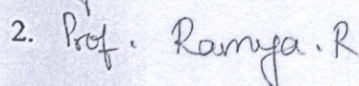
Dr. H.R. Ranganatha
Professor & Head


Signature of the Principal

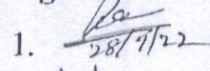
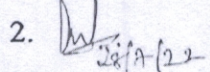
Dr. H Ramakrishna
Principal

External Viva

Name of the Examiners

1.  P. Ramesh Chaithe
2.  Prof. Ramya R

Signature of the Examiners with Date

1.  28/7/22
2.  28/7/22


Principal
Sapthagiri College of Engineering
14/5, Chikkasandra, Hesaraghatta Main Road
Bengaluru - 560 057

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Department of Information Science & Engineering

CERTIFICATE

Certified that the Project work entitled Healthcare Assistant and Companion using AI/ML and OpenCV carried out by Mr. Anshul Kumar (1SG18IS014), Mr. Anurag Mozumdar (1SG18IS015), Mr. Ayush Srivastav (1SG18IS020) and Mr. Bhaskar Anand (1SG18IS025), bonafide students of 8th semester, Department of Information Science & Engineering was carried out at our college Sapthagiri College of Engineering, Bengaluru in partial fulfillment of the award of Bachelor of Engineering in Information Science & Engineering of the Visvesvaraya Technological University, Belagavi during the year 2021-22. It is certified that all corrections/suggestions indicated for Final Assessment have been incorporated in the Report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.

Roopa K T

Signature of the Guide

Prof. Roopa K T
Assistant Professor

H.R. Ranganatha

Signature of the HOD

Dr. H.R. Ranganatha
Professor & Head

Dr. H. Ramakrishna

Signature of the Principal

Dr. H. Ramakrishna
Principal

External Viva

Name of the Examiners

1. *Prof. P. S. Chaitra*
2. *Prof. R. S. R. K.*

Signature of the Examiners with Date

1. *[Signature]* 28/7/22
2. *[Signature]* 28/7/22

[Signature]
Principal
Sapthagiri College of Engineering
14/5, Chikkasandra, Hesaraghatta Main Road
Bengaluru - 560 057

SAPTHAGIRI COLLEGE OF ENGINEERING

14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru-560057

(Affiliated to Visvesvaraya Technological University and Approved by AICTE)

NAAC Accredited with 'A' Grade

ISO 9001-2015 and 14001-2015 certified Institute



Department of Information Science & Engineering

CERTIFICATE

Certified that the Project work entitled **NETWORK INTRUSION DETECTION SYSTEM** carried out by **Anjana G Nadig (1SG18IS010)**, **Chandrakala C Y (1SG17IS023)**, **Harshitha R (1SG18IS040)**, **Likhitha D J (1SG18IS054)** bonafide students of **VIIIth semester**, Department of Information Science & Engineering carried out at our college **Sapthagiri College of Engineering**, Bengaluru in partial fulfillment of the award of **Bachelor of Engineering in Information Science & Engineering** of the **Visvesvaraya Technological University**, Belagavi during the year 2021-22. It is certified that all corrections/suggestions indicated for Final Assessment have been incorporated in the Report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.

Signature of the Guide

Prof. Chandini A
Associate Professor

Signature of the HOD

Dr. H.R. Ranganatha
Professor & Head

Signature of the Principal

Dr. H Ramakrishna
Principal

External Viva

Name of the Examiners

1. Prof. Preetana Chaithe
2. Prof. Ramya R

Signature of the Examiners with Date

1. 28/7/22
2. 28/7/22

Principal

Sapthagiri College of Engineering
14/5, Chikkasandra, Hesaraghatta Main Road
Bengaluru - 560 057

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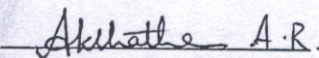
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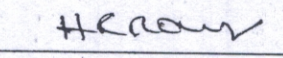
Department of Information Science & Engineering

CERTIFICATE


Certified that the project work entitled "FACE MASK AND SOCIAL DISTANCE DETECTION USING AI & ML" carried out by ANJAN GOWDA C(1SG18IS009), BHARATH GOWDA R(1SG18IS023), BHARATH R(1SG18IS024), LIKHITH R (1SG18IS053), bonafide students of 8th semester, Department of Information Science & Engineering was carried out at our college Sapthagiri College of Engineering, Bengaluru in partial fulfillment of the award of Bachelor of Engineering in Information Science & Engineering of the Visvesvaraya Technological University, Belagavi during the year 2021-22. It is certified that all corrections/suggestions indicated for Final Assessment have been incorporated in the Report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.


Signature of the Guide

Prof. Akshatha A R
Assistant Professor


Signature of the HOD

Dr. H.R. Ranganatha
Professor & Head


Signature of the Principal


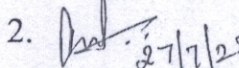
Dr. H Ramakrishna
Principal


External Viva

Name of the Examiners

1. Prof. Pooja Chaithe
2. Prof. Ramya R

Signature of the Examiners with Date

1.  27/7/22
2.  27/7/22


Principal
Sapthagiri College of Engineering
14/5, Chikkasandra, Hesaraghatta Main Road
Bengaluru - 560 057

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Department of Information Science & Engineering

CERTIFICATE

Certified that the Project work entitled **CROP YIELD PREDICTION MODEL** carried out by **SOWMYA C (1SG18IS104), SRI VARSHNI K S (1SG18IS107), SWETHA S (1SG18IS113), TEJESH B S (1SG18IS117)** bonafide students of 8th semester, Department of Information Science & Engineering carried out at our college Sapthagiri College of Engineering, Bengaluru in partial fulfillment of the award of Bachelor of Engineering in Information Science & Engineering of the Visvesvaraya Technological University, Belagavi during the year 2021-22. It is certified that all corrections/suggestions indicated for Final Assessment have been incorporated in the Report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.

Signature of the Guide
Prof. H R Ranganatha
Professor & Head

Signature of the HOD
Dr. H.R. Ranganatha
Professor & Head

Signature of the Principal
Dr. H Ramakrishna
Principal

External Viva

Name of the Examiners

1. Prof. P. P. Chaitanya
2. Prof. Ramya R

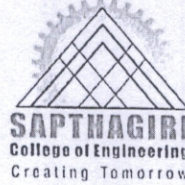
Signature of the Examiners with Date

1. 28/12/22
2. 28/12/22

Principal
Sapthagiri College of Engineering
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Department of Information Science & Engineering

CERTIFICATE

Certified that the Project work entitled **CROWD COUNTING USING ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING** carried out by Mr. Prakhar Srivastava (1SG18IS079), Ms. Tanu Raghav (1SG18IS114), Mr. Vatsal Anand (1SG18IS123) and Ms. Shreya Srivastava (1SG19IS401), bonafide students of 8th semester, Department of Information Science & Engineering was carried out at our college Sapthagiri College of Engineering, Bengaluru in partial fulfillment of the award of Bachelor of Engineering in Information Science & Engineering of the Visvesvaraya Technological University, Belagavi during the year 2021-22. It is certified that all corrections/suggestions indicated for Final Assessment have been incorporated in the Report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.

Manasa P.M.
Signature of the Guide

Prof. Manasa P M
Assistant Professor

H.R. Ranganatha
Signature of the HOD

Dr. H.R. Ranganatha
Professor & Head

Dr. H Ramakrishna
Signature of the Principal

Dr. H Ramakrishna
Principal

External Viva

Name of the Examiners

1. Prof. Preetha Chaitra
2. Prof. Ramya R

Signature of the Examiners with Date

1. [Signature] 28/7/22
2. [Signature] 28/7/22

[Signature]
Principal
Sapthagiri College of Engineering
14/5, Chikkasandra, Hesaraghatta Main Road
Bengaluru - 560 057

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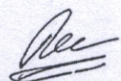
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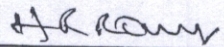
Department of Information Science & Engineering

CERTIFICATE

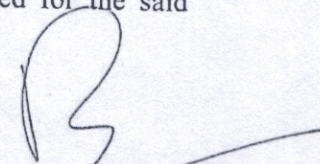
Certified that the Project work entitled **Efficient Eye Blink Detection Method to Assist Paralyzed Patient using Artificial Intelligence** carried out by Mr. Anmol Singh (1SG18IS013), Mr. Roshan Anegundi (1SG18IS086), Ms. Sadvi H.D. (1SG18IS088) and Ms. Sahana A. (1SG18IS089), bonafide students of 8th semester, Department of Information Science & Engineering was carried out at our college Sapthagiri College of Engineering, Bengaluru in partial fulfillment of the award of Bachelor of Engineering in Information Science & Engineering of the Visvesvaraya Technological University, Belagavi during the year 2021-22. It is certified that all corrections/suggestions indicated for Final Assessment have been incorporated in the Report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.


Signature of the Guide

Prof. Prerana Chaithra
Associate Professor


Signature of the HOD

Dr. H. R. Ranganatha
Professor & Head

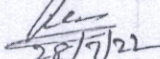
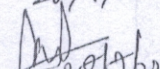

Signature of the Principal
Principal
Sapthagiri College of Engineering
Chikkasandra, Hesaraghatta Main Road,
Bengaluru - 560 057

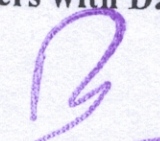
External Viva

Name of the Examiners

1. Prof. Prerana Chaithra
2. Prof. Ramya R

Signature of the Examiners with Date

1.  28/7/22
2.  28/7/22


Principal
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Department of Information Science & Engineering

CERTIFICATE

Certified that the Project work entitled Fake Currency Detection Using Image Processing carried out by Ms. Nandini R. (1SG18IS065), Ms. Poornima J. (1SG18IS076), Ms. Priyanka O. (1SG18IS083) and Mr. Dinesh Reddy P.N. (1SG19IS400), bonafide students of 8th semester, Department of Information Science & Engineering was carried out at our college Sapthagiri College of Engineering, Bengaluru in partial fulfillment of the award of Bachelor of Engineering in Information Science & Engineering of the Visvesvaraya Technological University, Belagavi during the year 2021-22. It is certified that all corrections/suggestions indicated for Final Assessment have been incorporated in the Report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.

Signature of the Guide

Prof. Sudarsanan D
Assistant Professor

Signature of the HOD

Dr. H.R. Ranganatha
Professor & Head

Signature of the Principal

Dr. H Ramakrishna
Principal

External Viva

Name of the Examiners

1. GAYATHRI R
2. Sowmya Somnath

Signature of the Examiners with Date

1. Gayathri R 29/7/22
2. Sowmya - 29/7/22

Principal

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Department of Information Science & Engineering

CERTIFICATE

Certified that the Project work entitled **COLLABORATIVE COMPILER WITH PAIR PROGRAMMING** carried out by Ms. Neha M P (1SG18IS068), Mr. Prajwal C Patil (1SG18IS077), Mr. Shreyas M Kaushik (1SG18IS101) and Ms. Yashaswini P (1SG18IS126), bonafide students of 8th semester, Department of Information Science & Engineering was carried out at our college Sapthagiri College of Engineering, Bengaluru in partial fulfillment of the award of Bachelor of Engineering in Information Science & Engineering of the Visvesvaraya Technological University, Belagavi during the year 2021-22. It is certified that all corrections/suggestions indicated for Final Assessment have been incorporated in the Report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.

Signature of the Guide

Prof. Sudarsanan D
Associate Professor

Signature of the HOD

Dr. H.R. Ranganatha
Professor & Head

Signature of the Principal

Dr. H Ramakrishna
Principal

External Viva

Name of the Examiners

1. Prof. Preetana Chaithe
2. Prof. Ramya R

Signature of the Examiners with Date

1. 28/9/22
2. 28/7/22

Principal
Sapthagiri College of Engineering
14/5, Chikkasandra, Hesaraghatta Main Road
Bengaluru - 560 057

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Department of Information Science & Engineering

CERTIFICATE

Certified that the Project work entitled **Leukemia Cancer Cells using Image Processing** carried out by **Ms. Suhana S. (1SG18IS109)**, **Mr. Sujan Ravindra (1SG18IS110)** and **Ms. Sushmitha C. (1SG18IS111)** bonafide students of 8th semester, Department of Information Science & Engineering was carried out at our college **Sapthagiri College of Engineering, Bengaluru** in partial fulfillment of the award of **Bachelor of Engineering in Information Science & Engineering** of the **Visvesvaraya Technological University, Belagavi** during the year 2021-22. It is certified that all corrections/suggestions indicated for Final Assessment have been incorporated in the Report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.

Signature of the Guide

Prof. Gayathri R.
Assistant Professor

Signature of the HOD

Dr. H.R. Ranganatha
Professor & Head

Signature of the Principal
Principal
Sapthagiri College of Engineering
Dr. H. Ramakrishna
Chikkasandra, Hesaraghatta Road,
Bengaluru-560 057

External Viva

Name of the Examiners

1. H. R. Ranganatha
- 2.

Signature of the Examiners with Date

1. H. R. Ranganatha 29/7/22

2.

Principal
Sapthagiri College of Engineering
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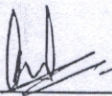
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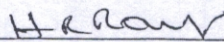
Department of Information Science & Engineering

CERTIFICATE

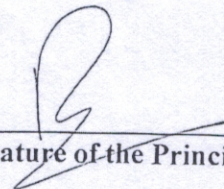
Certified that the Project work entitled **Soldier Tracking and Health Monitoring System** carried out by Ms. Pavithra M.B (1SG18IS075), Ms. Sharanya Madhusudhan (1SG18IS094), Ms. Vanshika Singh. (1SG18IS121) and Ms. Rashmi K.P. (1SG17IS076), bonafide students of 8th semester, Department of Information Science & Engineering was carried out at our college Sapthagiri College of Engineering, Bengaluru in partial fulfillment of the award of Bachelor of Engineering in Information Science & Engineering of the Visvesvaraya Technological University, Belagavi during the year 2021-22. It is certified that all corrections/suggestions indicated for Final Assessment have been incorporated in the Report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.


Signature of the Guide

Prof. Ramya R.
Assistant Professor


Signature of the HOD

Dr. H.R. Ranganatha
Professor & Head


Signature of the Principal

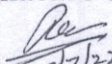
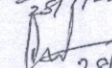
Dr. H Ramakrishna
Principal

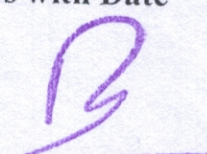
External Viva

Name of the Examiners

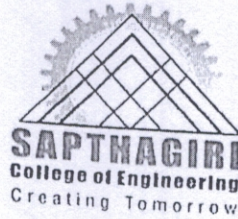
1. Prof. Preema Chaitra
2. Prof. Ramya R

Signature of the Examiners with Date

1.  28/7/22
2.  28/7/22


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Bengaluru - 560 057

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[AFFILIATED TO VIVSVESWARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI]



Department of Information Science & Engineering

CERTIFICATE

Certified that the Project work entitled "SUICIDAL IDEATION DETECTION USING AI AND ML" carried out by Prateek Kumar Singh(1SG18IS080) ,Satyam Patidar (1SG18IS092), Sparsha M N(1SG18IS105) and Vivek Singh Kushwaha(1SG18IS124) bonafide students of 8th semester, Department of Information Science & Engineering carried out at our college Sapthagiri College of Engineering, Bengaluru in partial fulfillment of the award of Bachelor of Engineering in Information Science & Engineering of the Visvesvaraya Technological University, Belagavi during the year 2021-22. It is certified that all corrections/suggestions indicated for Final Assessment have been incorporated in the Report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.

Signature of the Guide
Prof. Sowmya Somanath

Assistant Professor

Signature of the HOD
Dr. H.R. Ranganatha

Professor & Head

Signature of the Principal
Dr. H. Ramakrishna

Principal

External viva

Name of the Examiners

1. GAYATHRI R.
2. Sowmya Somanath

Signature of the Examiners with Date

1. Gayathri R. 29/7/22
2. Sowmya Somanath 29/7/22

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Bengaluru - 560 057

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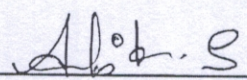
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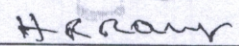
Department of Information Science & Engineering

CERTIFICATE


Certified that the Project work entitled **Crack Detection In Railway Tracks Using CNN Algorithm** carried out by **Shetty Diksha Devdas (1SG18IS098)**, **Sneha M (1SG18IS103)**, **Tejaswini T (1SG18IS116)** and **Vasudha S N (1SG18IS122)**, bonafide students of 8th semester, Department of Information Science & Engineering was carried out at our college Sapthagiri College of Engineering, Bengaluru in partial fulfillment of the award of Bachelor of Engineering in Information Science & Engineering of the Visvesvaraya Technological University, Belagavi during the year 2021-22. It is certified that all corrections/suggestions indicated for Final Assessment have been incorporated in the Report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.


Signature of the Guide

Prof. Ambika S
Assistant Professor


Signature of the HOD

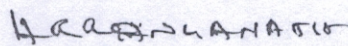
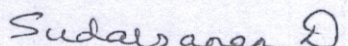
Dr. H.R. Ranganatha
Professor & Head


Signature of the Principal

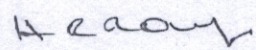
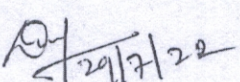
Dr. H Ramakrishna
Principal


External Viva

Name of the Examiners

1. 
2. 

Signature of the Examiners with Date

1.  22/12/22
2.  22/12/22


Principal
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Department of Information Science & Engineering

CERTIFICATE

Certified that the Project work entitled **IoT Based Real Time LPG Gas Detection** carried out by Mr. Sharma Mayank (1SG18IS096), Mr. Shashwat Seth (1SG18IS097), Ms. Shreya (1SG18IS100) and Ms. Ummi Hani (1SG18IS119), bonafide students of 8th semester, Department of Information Science & Engineering was carried out at our college Sapthagiri College of Engineering, Bengaluru in partial fulfillment of the award of Bachelor of Engineering in Information Science & Engineering of the Visvesvaraya Technological University, Belagavi during the year 2021-22. It is certified that all corrections/suggestions indicated for Final Assessment have been incorporated in the Report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.

Signature of the Guide

Prof. Gayathri R
Assistant Professor

Signature of the HOD

Dr. H.R. Ranganatha
Professor & Head

Dr. H. Ramakrishna
Principal

External Viva

Name of the Examiners

1. GAYATHRI R
2. Swamy Somarathu

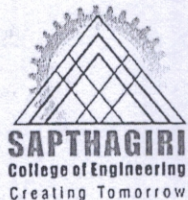
Signature of the Examiners with Date

1. Gayathri R 29/7/22
2. Swamy 29/7/22

Principal
Sapthagiri College of Engineering
14/5, Chikkasandra, Hesaraghatta Main Road
Bengaluru - 560 057

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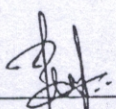
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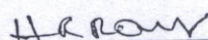
Department of Information Science & Engineering

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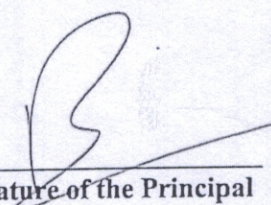
Certified that the Project work entitled Prediction of Autism Spectrum Disorder using Random Forest and Adaboost Algorithm carried out by Ms. Nandini N.K. (1SG18IS064), Ms. Spurthi V. (1SG18IS106), Ms. Srusti R. (1SG18IS108) and Ms. Sushmitha U. (1SG18IS112), bonafide students of 8th semester, Department of Information Science & Engineering was carried out at our college Sapthagiri College of Engineering, Bengaluru in partial fulfillment of the award of Bachelor of Engineering in Information Science & Engineering of the Visvesvaraya Technological University, Belagavi during the year 2021-22. It is certified that all corrections/suggestions indicated for Final Assessment have been incorporated in the Report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.


Signature of the Guide

Prof. Priyanka M.R.
Assistant Professor


Signature of the HOD

Dr. H.R. Ranganatha
Professor & Head


Signature of the Principal

Dr. H Ramakrishna
Principal

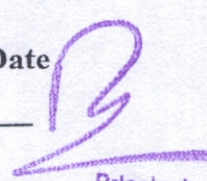
External Viva

Name of the Examiners

1. GAYATHRI R
2. Saemayya Somareth

Signature of the Examiners with Date

1. Gayathri R 29/7/22
2. Saemayya Somareth 29/7/22


Principal
Sapthagiri College of Engineering
14/5, Chikkasandra, Hesaraghatta Main Road
Bengaluru - 560 057

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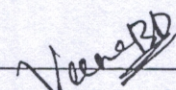
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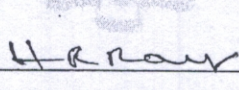
Department of Information Science & Engineering

CERTIFICATE

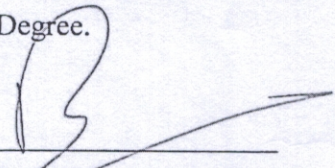
Certified that the Project work entitled **CREDIT CARD FRAUD DETECTION USING MACHINE LEARNING** carried out by bonafide students of 8th semester, **Priyank Singh (1SG18IS082)**, **Shivam Kumar (1SG18IS099)**, **Uday Pratap (1SG18IS118)**, **Utkarsh Singh (1SG18IS120)** Department of Information Science & Engineering carried out at our college Sapthagiri College of Engineering, Bengaluru in partial fulfillment of the award of Bachelor Of Engineering in Information Science & Engineering of the Visvesvaraya Technological University, Belagavi during the year 2021-22. It is certified that all corrections/suggestions indicated for Final Assessment have been incorporated in the Report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.


Signature of the Guide

Prof. Veena Dhavalgi
Assistant Professor


Signature of the HOD

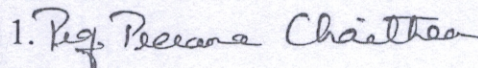
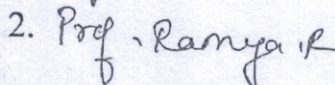
Dr. H.R. Ranganiatha
Professor and Head


Signature of the Principal

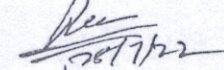
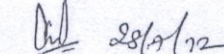
Dr. H. Ramakrishna
Principal

External Viva

Name of the Examiners

1.  Prof. P. S. Chaitanya
2.  Prof. Ramya R

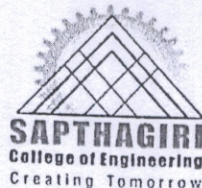
Signature of the Examiners with Date

1.  26/7/22
2.  28/7/22


Principal
Sapthagiri College of Engineering
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Bengaluru - 560 057

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Department of Information Science & Engineering

CERTIFICATE

Certified that the Project work entitled **Gesture Control Car Using Arduino** carried out by **Prajwal S (1SG17IS063)**, **Niranjan J (1SG18IS072)**, **Nithin Kumar M (1SG18IS073)** and **Tejakumar (1SG18IS115)**, bonafide students of 8th semester, Department of Information Science & Engineering was carried out at our college Sapthagiri College of Engineering, Bengaluru in partial fulfillment of the award of Bachelor of Engineering in Information Science & Engineering of the Visvesvaraya Technological University, Belagavi during the year 2021-22. It is certified that all corrections/suggestions indicated for Final Assessment have been incorporated in the Report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.

Signature of the Guide

Prof. Chaitanya V
Assistant Professor

Signature of the HOD

Dr. H.R. Ranganatha
Professor & Head

Signature of the Principal

Dr. H Ramakrishna
Principal

External Viva

Name of the Examiners

1. GAYATHRI R
2. SOWMYA SOMANATH

Signature of the Examiners with Date

1. Gayathri R. 29/7/22
2. Sowmya 29/7/22

Principal
Sapthagiri College of Engineering
14/5, Chikkasandra, Hesaraghatta Main Road
Bengaluru - 560 057

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Department of Information Science & Engineering

CERTIFICATE

Certified that the project work entitled **Availability of Car Parking Slot using YOLOv2 Algorithm** carried out by **Ms. Navya Shree K.S (1SG18IS066)**, **Ms. Nikitha B.K (1SG18IS070)**, **Ms. Ramyashree Jogi (1SG18IS085)** and **Ms. Sanjana M (1SG18IS091)** bonafide students of 8th semester, **Department of Information Science & Engineering** carried out at our college **Sapthagiri College of Engineering**, Bengaluru in partial fulfillment of the award of **Bachelor of Engineering in Information Science & Engineering** of the **Visvesvaraya Technological University**, Belagavi during the year 2021-22. It is certified that all corrections/suggestions indicated for Final Assessment have been incorporated in the Report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said Degree.

Roopa K T

Signature of the Guide
Prof. Roopa K T
Assistant Professor

H.R. Ranganatha

Signature of the HOD
Dr. H.R. Ranganatha
Professor & Head

[Signature]

Signature of the Principal
Dr. H Ramakrishna
Principal

External Viva

Name of the Examiners

1. GAYATHRI R
2. Sowmya Somanatha

Signature of the Examiners with Date

1. Gayathri R 29/7/22
2. Sowmya Somanatha 29/7/22

[Signature]

Principal

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14/5, Chikkasandra, Hesaraghatta Main Road
Bengaluru - 560 057

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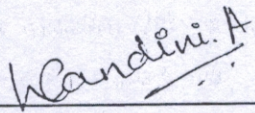
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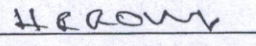
Department of Information Science & Engineering

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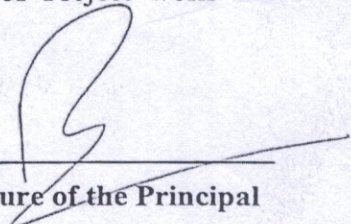
Certified that the Project work entitled "Online Test Cheat Monitoring Using AI & ML" carried out by Mr. Rahul M. (1SG18IS084), Mr. Sameer Sharma (1SG18IS90), Mr. Sharath K.R. (1SG18IS095) and Mr. Yashas S.B. (1SG18IS125), bonafide students of 8th semester, Department of Information Science & Engineering was carried out at our college Sapthagiri College of Engineering, Bengaluru in partial fulfillment of the award of Bachelor of Engineering in Information Science & Engineering of the Visvesvaraya Technological University, Belagavi during the year 2021-22. It is certified that all corrections/suggestions indicated for Final Assessment have been incorporated in the Report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.


Signature of the Guide

Prof. Chandini A.
Assistant Professor


Signature of the HOD

Dr. H.R. Ranganatha
Professor & Head


Signature of the Principal

Dr. H. Ramakrishna
Principal


External Viva

Name of the Examiners

1. GAYATHRI R
2. Sowmya Srinath

Signature of the Examiners with Date

1. Gayathri R 29/7/22
2. Sowmya Srinath 21/7/22


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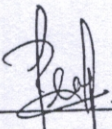
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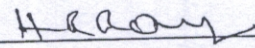
Department of Information Science & Engineering

CERTIFICATE

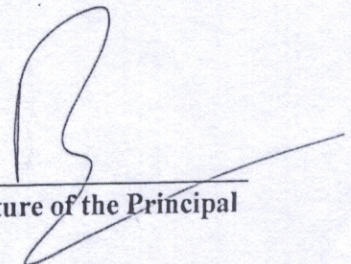
Certified that the Project work entitled **E-Bidding System using Blockchain Technology** carried out by **Mr. Nilesh K H (1SG18IS071)**, **Mr. Paul S A (1SG18IS074)**, **Mr. Prajwal N (1SG18IS078)** and **Mr. Prem Kumar R (1SG18IS081)**, bonafide students of 8th semester, Department of Information Science & Engineering was carried out at our college Sapthagiri College of Engineering, Bengaluru in partial fulfillment of the award of **Bachelor of Engineering in Information Science & Engineering** of the **Visvesvaraya Technological University, Belagavi** during the year 2021-22. It is certified that all corrections/suggestions indicated for Final Assessment have been incorporated in the Report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.


Signature of the Guide

Prof. Priyanka M R
Assistant Professor


Signature of the HOD

Dr. H.R. Ranganatha
Professor & Head


Signature of the Principal

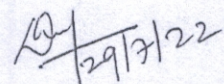
Dr. H Ramakrishna
Principal

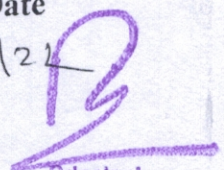
External Viva

Name of the Examiners

1. H R RANGANATHA
2. Sudasana D.

Signature of the Examiners with Date

1. H R Ranganatha 28/7/22
2.  29/7/22


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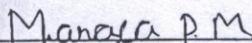
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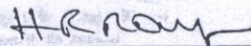
CERTIFICATE

Certified that the Internship work entitled **VISUAL QUESTION ANSWERING USING DEEP LEARNING** carried out by **NEERAJ S(1SG18IS067), NIKHIL SHETTY (1SG18IS069), S KHALIFULLAH DHAMEEM ANSARI (1SG18IS087), SHRIDHAR B YALIGAR (1SG18IS102)** bonafide student of 8th semester, Department of Information Science & Engineering, Sapthagiri College of Engineering, Bengaluru in partial fulfillment of the award of **Bachelor of Engineering in Information Science & Engineering** of the **Visvesvaraya Technological University, Belagavi** during the year 2021-22. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the Report deposited in the departmental library. The Internship report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.



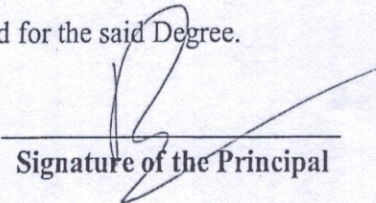
Signature of the Guide

Prof. Manasa P M
Assistant Professor



Signature of the HOD

Dr. H. R. Ranganatha
Professor & Head

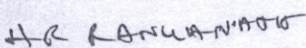
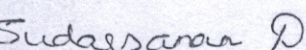


Signature of the Principal

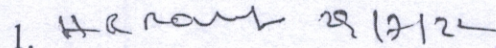
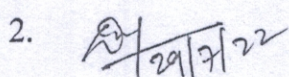
Dr. H Ramakrishna
Principal

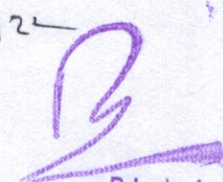
External Viva

Name of the Examiners

1. 
2. 

Signature of the Examiners with Date

1.  29/7/22
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