



SAPTHAGIRI COLLEGE OF ENGINEERING

Affiliated to Visvesvaraya Technological University, Belagavi and Approved by AICTE-New Delhi)
(Accredited by NAAC with "A" Grade)
(ISO 9001:2015 & ISO 14001:2015 Certified)

DEPARTMENT OF COMPUTER SCIENCE ENGINEERING

VIII SEM PROJECT Academic year-2021-22

BATCH LIST WITH PROJECT TITLE

| SI No | USN | NAME OF THE STUDENT | TITLE OF THE PROJECT |
|-------|------------|---------------------|--|
| 1 | 1SG18CS068 | Pallavi R | Cost effective Smart IOT based gate controller for Agriculture Irrigation System |
| | 1SG18CS069 | Panchami A | |
| | 1SG18CS079 | Priyanka V | |
| | 1SG18CS100 | Shalini G S | |
| 2 | 1SG18CS045 | Mandara B | Human image captioning using deep learning |
| | 1SG18CS035 | Himani Adiga | |
| | 1SG18CS046 | Mangala S | |
| | 1SG18CS044 | Mallikarjun V R | |
| 3 | 1SG19CS400 | Amit Kumar Gupta | Self Balancing Robot |
| | 1SG18CS056 | Mohit Verma | |
| | 1SG18CS024 | Deepak G | |
| | 1SG18CS007 | Aditya Srivastava | |
| 4 | 1SG18CS072 | Pranav Parth | Analysis of Fake Job Posting |
| | 1SG18CS085 | Rishu Raj | |
| | 1SG18CS086 | Ritik Saini | |
| | 1SG18CS119 | Swapnil | |
| 5 | 1SG18CS015 | Arpitha H K | Health monitoring system with smart medical kit for elderly people |
| | 1SG18CS018 | Bhoomika S | |
| | 1SG18CS023 | Deepak B K | |

| | | | |
|---|------------|-----------------|--|
| | 1SG19CS403 | Kiran Kumar H M | |
| | 1sg18cs098 | Sarika kashyap | |
| | 1sg18cs089 | Rohit Rai | |
| | 1sg18cs064 | Nimisha Nirmal | |
| 6 | 1SG18CS051 | Meena Alekhya T | wildlife monitoring using object detection |

| | | | |
|----|------------|---------------------|--|
| 7 | 1SG18CS014 | Apoorva A | Developing a Prediction Model for Cotton Leaf Diseases using Deep Learning Technique |
| | 1SG18CS030 | Fouzia Anjum S | |
| | 1SG18CS039 | Kumari Madhu | |
| | 1SG18CS005 | Aditya M | |
| 8 | 1SG18CS017 | Kulkarni | IOT Based Power Transmission Fault Detection using Blynk Cloud |
| | 1SG18CS021 | Darshan K S | |
| | 1SG18CS048 | Naik | |
| | 1SG18CS132 | Nithin S M | |
| 9 | 1SG18CS133 | Varun R | Crypto-currency price prediction |
| | 1SG19CS404 | Manjunath M | |
| | 1SG18CS061 | Naveen S R | |
| | 1SG18CS122 | Upma Maurya | |
| 10 | 1SG18CS114 | Srishti Kumari | Disaster Survival Prediction using Machine Learning |
| | 1SG18CS108 | Simran Mahto | |
| | 1SG18CS093 | Choudhary | |
| | 1SG18CS107 | Siddhant Pandey | |
| 11 | 1SG18CS106 | Shubhashish Pathak | Identification of Diabetic Retinopathy using Image Processing. |
| | 1SG18CS111 | Snehal Mishra | |
| 12 | 1SG18CS080 | Priyanshu kumar | Phishing detection using Machine Learning |
| | 1SG18CS011 | Ankit Raj Mishra | |
| | 1SG18CS123 | Utkarsh Gaurav | |
| | 1SG18CS033 | Harshit Gupta | |
| 13 | 1SG18CS031 | Gaurav Gupta | customer churn prediction for Telecom |
| | 1SG18CS028 | Kushwaha | |
| 14 | 1SG18CS134 | Sushmitha N | Emphasized smart handwriting recognizer to facilitate e-learning tool |
| | 1SG18CS131 | Sahana P | |
| | 1SG18CS077 | Preethu T B | |
| | 1SG18CS113 | Sriraksha G | |
| 15 | 1SG18CS125 | Vivek Kumar Patel S | Footprint AI Engine |
| | 1SG18CS099 | Shahadat Hussain | |
| | 1sg18cs070 | Paramjeet Singh | |
| | 1sg18cs095 | Sahil Aryan | |

| | | | |
|----|------------|--------------------|---|
| 16 | 1SG18CS052 | Megha.P | Obstacle Detection and Home Appliances control using Smart Wheelchair for Crippled Patients |
| | 1SG18CS054 | Meghana.G | |
| | 1SG18CS059 | Madhuravani.N | |
| | 1SG18CS062 | Navyashree.K | |
| 17 | 1SG18CS084 | Revathi D | Intelligent Reader for Visually Impaired People |
| | 1SG18CS127 | Yashaswini S | |
| | 1SG18CS012 | Anusha D B | |
| | 1SG18CS037 | K U Anjali | |
| 18 | 1SG18CS130 | Drithi R | Classification of covid-19 or pneumonia using chest X-Ray images by applying deep learning algorithms and A |
| | 1SG18CS129 | Rakshitha D | |
| | 1SG18CS090 | Roopa U | |
| | 1SG18CS038 | Koushik V Uppuluri | |
| 19 | 1SG18CS041 | Likith S | healthcare chatbot |
| | 1SG18CS042 | Reddy | |
| | 1SG18CS049 | Manu K N | |
| | 1SG18CS013 | Aparna Singh | |
| 20 | 1SG18CS034 | Harshitha S | Early prediction of Diabetes using machine learning |
| | 1SG18CS036 | Vyshnavil | |
| | 1SG18CS043 | Madhuri M.K | |
| | 1SG19CS408 | Shivakumar R.E | |
| 21 | 1SG19CS409 | Varsha H.G | Pest Detection and Obliteration based robotic system |
| | 1SG19CS412 | Yuvaraj N R | |
| | 1SG18CS063 | Neetu Rao D | |
| | 1SG18CS020 | Bindu L | |
| 22 | 1SG18CS057 | Monika A | Liveness net and face antispoofing system |
| | 1SG18CS001 | A Y Gunarachana | |
| | 1SG18CS026 | Deepthi Yadav G | |
| | 1SG18CS047 | Manisha L | |
| 23 | 1SG18CS009 | Akshatha M | Identification and Classification of brain tumor using Kaggle datasets |
| | 1SG18CS060 | Namratha | |
| | 1SG18CS003 | Abdul Haroon Khan | |
| | 1SG16CS037 | Harshitha J | |
| 24 | | | Agrosmart |
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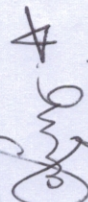

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|----|------------|------------------|--|
| 25 | 1SG18CS002 | Aakash Waza | Image Based Search Engine |
| | 1SG18CS055 | Mohit Kumar Shaw | |
| | 1SG18CS029 | Faraz Khan | |
| | 1SG18CS027 | Devashish | |
| 26 | 1SG18CS075 | Preetha S Jois | Retinal disease screening through local binary patterns |
| | 1SG18CS128 | Kotegar | |
| | 1SG18CS121 | Thanushree K J | |
| | 1SG18CS118 | Supriya K | |
| 27 | 1SG18CS101 | Shanu himkar | chronic kidney disease prediction using machine learning algorithm |
| | 1SG18CS066 | Nishant rana | |
| 28 | 1SG18CS078 | Prerana Shetty | Tool for evaluating subjective answers using AI |
| | 1SG18CS083 | Rashmitha.P | |
| | 1SG18CS112 | Sonali.M | |
| | 1SG19CS405 | Rakshitha M | |
| 29 | 1SG18CS116 | Suprith KS | Stock Market prediction using ML and sentiment analysis |
| | 1SG18CS105 | Shreyas.V.Rao | |
| | 1SG18CS065 | Niranjan S | |
| | 1SG18CS091 | S Mohit | |
| 30 | 1SG17CS085 | Sneh kumar rai | Fire Gun Violence based Anomaly Detecation Syatem Using Deep Neural Networks |
| | 1SG17CS093 | Sushant | |
| | 1SG17CS002 | singh | |
| 31 | 1SG18CS076 | Preethi U | Sign Language Recognition Using OpenCV |
| | 1SG18CS097 | Sangeetha R | |
| | 1SG19CS401 | Anusha S | |
| | 1SG19CS410 | Varshitha T M | |
| 32 | 1SG18CS088 | YC | REAL-TIME POTHOLE DETECTION |
| | 1SG18CS092 | S R Prashanth | |
| | 1SG18CS124 | Vishal Sai R | |
| 33 | 1SG18CS094 | sagar k | Image restoration and upsacaling |
| | 1SG18CS082 | Rakesh S | |
| | 1SG18CS126 | Yasha Niranjan | |

| | | | |
|----|-------------|--------------------|--|
| 34 | 1SG18CS117 | Supriya B Tavanshi | Food Clasification using Deep Learning |
| | 1SG18CS115 | Suhas G C | |
| | 1SG18CS110 | Siri M Kashipathi | |
| 35 | 1SG18CS103 | Shivansh | Human emotion detection |
| | 1SG18CS104 | Shoib Akhtar | |
| | 1SG18CS010 | Amandeep Singh | |
| 36 | 1SG18CS025 | Deepak Sah | Automated Door System integrated with Face-Mask and ID Card Detection using Deep Learning Approach |
| | 1SG18CS040 | Lalit Mudgal | |
| | 1SG18CS050 | Mayank | |
| 37 | 1SG18CS087 | Rohan Kumar | Genetic programming for hate speech detection on social media |
| | 1SG18CS096 | Sakshi Sheoran | |
| | 1SG18CS109 | Simran Verma | |
| 38 | 1SG18CS006 | Aditya Sharma R | Face Detection And Monitoring In multiple surveillance footage using convolution neural networks |
| | 1SG18CS016 | Aruna Kumar | |
| | 1SG18CS032 | Harsh P Kavatekar | |
| 39 | 1sg15cs016 | Bhavya K H | Automatic Vibration Device for Stroke Patients |
| | 1sg16cs408 | Mano R | |
| | 1sg17cs097 | J | |
| 40 | 1SG18CS074 | Prathik N | Preterm Birth Risk Detection System |
| | 1SG18CS081 | Goverdhan R | |
| | 1SG18CS0102 | Sherwin E | |

Co-ordinators Signature

Dr. Lavanya N L

Mrs. Swetha B N

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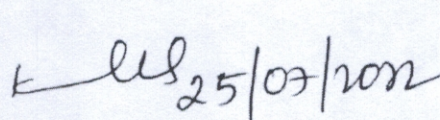
Department of Computer Science and Engineering

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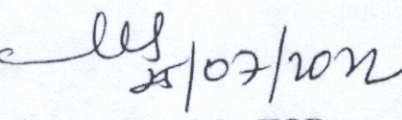


Certificate

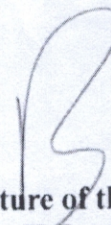
Certified that the Project Work entitled "COST EFFECTIVE SMART IOT BASED GATE CONTROLLER FOR AGRICULTURAL IRRIGATION SYSTEM" carried out by PALLAVI R (ISG18CS068), PANCHAMI A (ISG18CS069), PRIYANKA V (ISG18CS079), SHALINI G S (ISG18CS100), bonafide students of Sapthagiri College of Engineering, in partial fulfillment for the award of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2021-2022. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the Department Library. The project report has been approved as it satisfies the academic requirements in respect of Project Work Phase II (18CSP83) prescribed for the said degree.

 25/07/2022

Signature of the Guide
Dr. Kamalakshi Naganna
Professor and Head

 25/07/2022

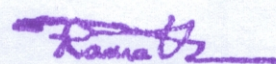
Signature of the HOD
Dr. Kamalakshi Naganna
Professor & Head


Signature of the Principal
Dr. H Ramkrishna
Principal

EXTERNAL EXAMINATION:

Name of the Examiners

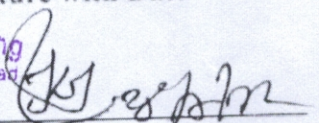
1. Dr. Praveen Kumar



Principal

Signature with Date

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



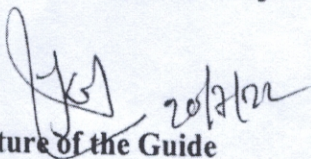
Department of Computer Science and Engineering

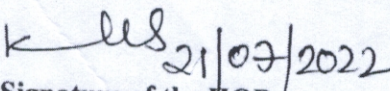
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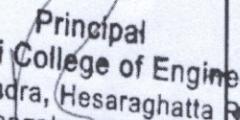


Certificate

Certified that the Project Work entitled "IMAGE ACTIVITY TRANSFORMATION INTO READABLE CAPTION USING DEEP LEARNING ALGORITHM" carried out by HIMANI ADIGA (ISG18CS035), MALLIKARJUNA V R (ISG18CS044), MANDARA B (ISG18CS045), MANGALA S (ISG18CS046), bonafide students of Sapthagiri College of Engineering, in partial fulfillment for the award of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2021-2022. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the Department Library. The project report has been approved as it satisfies the academic requirements in respect of Project Work Phase II (18CSP83) prescribed for the said degree.


Signature of the Guide
Dr. Praveen Kumar KV
Professor


Signature of the HOD
Dr. Kamalakshi Naganna
Professor & Head

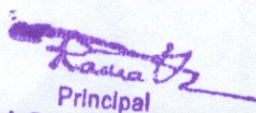

Principal
Sapthagiri College of Engineering
Chikkasandra, Hesaraghatta Road
Bengaluru-560057
Signature of the Principal
Dr. H Ramakrishna
Principal

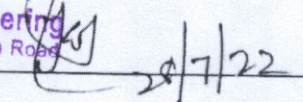
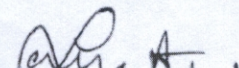
EXTERNAL EXAMINATION:

Name of the Examiners

1. Dr. Praveen Kumar KV
2. Dr. Lavanya N.L

Signature with Date


Principal
Sapthagiri College of Engineering
14/5, Chikkasandra, Hesaraghatta Main Road
Bengaluru-560057


28/7/22


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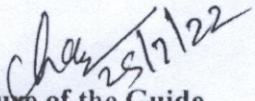
Department of Computer Science and Engineering

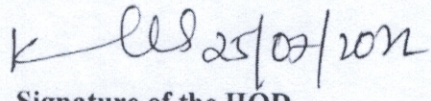
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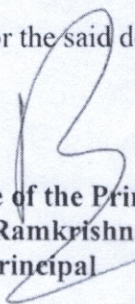


Certificate

Certified that the Project Work entitled "TWO WHEEL SELF BALANCING ROBOT" carried out by ADITYA SRIVASTAVA (ISG18CS007), AMIT KUMAR GUPTA (ISG19CS400), DEEPAK G (ISG18CS024) MOHIT VERMA (ISG18CS056) bonafide students of Sapthagiri College of Engineering, in partial fulfillment for the award of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2021-2022. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the Department Library. The project report has been approved as it satisfies the academic requirements in respect of Project Work Phase II (18CSP83) prescribed for the said degree.

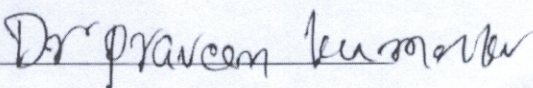

Signature of the Guide
Prof. Chaithra
Associate Professor

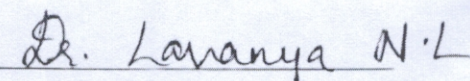

Signature of the HOD
Dr. Kamalakshi Naganna
Professor & Head

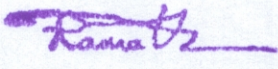

Signature of the Principal
Dr. H Ramkrishna
Principal

EXTERNAL EXAMINATION:

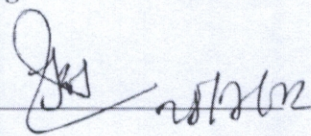
Name of the Examiners

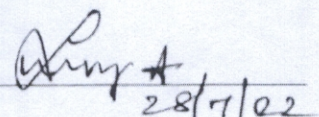
1. 

2. 


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

Signature with Date





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Bengaluru-560057

Department of Computer Science and Engineering

(Accredited by NBA)



Certificate

Certified that the Project Work entitled "FAKE JOB PREDICTION" carried out by PRANAV PARTH (ISG18CS072), RISHU RAJ (ISG18CS085), RITIK SAINI (ISG18CS086), SWAPNIL (ISG18CS119), bonafide students of Sapthagiri College of Engineering, in partial fulfillment for the award of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2021-2022. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the Department Library. The project report has been approved as it satisfies the academic requirements in respect of Project Work Phase II (18CSP83) prescribed for the said degree.

20/8/22

Signature of the Guide
Prof. LATHA A
Assistant Professor

20/08/2022

Signature of the HOD
Dr. Kamalakshi Naganna
Professor & Head

20/08/2022

Signature of the Principal
Dr. H Ramkrishna
Principal

EXTERNAL EXAMINATION:

Name of the Examiners

1. Dr. Praveen Kumar

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

Signature with Date

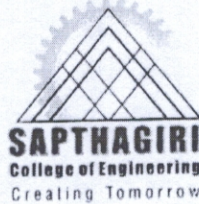
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Bengaluru-560057

Department of Computer Science and Engineering

(Accredited by NBA)



Certificate

Certified that the Project Work entitled "HEALTH MONITORING WITH SMART MEDICINE KIT FOR ELDERLY PEOPLE" carried out by Arpitha H K (1SG18CS015), Bhoomika S (1SG18CS018), Deepak B K (1SG18CS023), Kiran Kumar H M (1SG19CS403), bonafide students of Sapthagiri College of Engineering, in partial fulfillment for the award of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2021-2022. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the Department Library. The project report has been approved as it satisfies the academic requirements in respect of Project Work Phase II (18CSP83) prescribed for the said degree.

Madhushree
25/7/22
Signature of the Guide
Prof. Madhushree
Assistant Professor

K
25/7/22
Signature of the HOD
Dr. Kamalakshi Naganna
Professor & Head

B
Signature of the Principal
Dr. H Ramkrishna
Principal

EXTERNAL EXAMINATION:

Name of the Examiners

1. *Dr. Praveen Kumar*
2. *Dr. Laxanya N.L*

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

Dr. Praveen Kumar
25/7/22
Dr. Laxanya N.L
25/7/22

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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

(Accredited by NBA)



CERTIFICATE

Certified that the Project work entitled "WILDLIFE MONITORING USING OBJECT DETECTION" carried out by bonafide students of 8th semester, Meena Alekhya T(1SG18CS051), Nimisha Nirmal (1SG18CS064), Rohit Rai (1SG18CS089) and Sarika Kashyap (1SG18CS098) Department of Computer Science & Engineering carried out at college Sapthagiri College of Engineering, Bengaluru in partial fulfillment of the award of Bachelor Of Engineering in Computer 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 II (18CSP83) prescribed for the said Degree.

Signature of the Guide

Mrs. Anuradha Badage
Assistant Professor

Signature of the HOD

Dr. Kamalakshi Naganna
Professor and Head

Signature of the Principal

Dr. H. Ramakrishna
Principal

Principal

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

EXTERNAL EXAMINATION:

Name of the Examiners

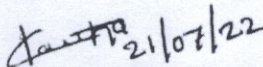
Dr. Pooja Kumari

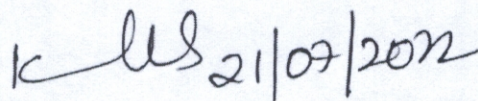
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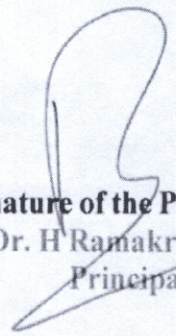


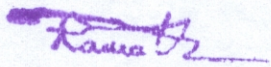
CERTIFICATE

Certified that the Project Work entitled "DEVELOPING A PREDICTION MODEL FOR COTTON LEAF DISEASES USING DEEP LEARNING TECHNIQUE" carried out by bonafide students of 8th semester, Apoorva A (ISG18CS014), Fouzia Anjum S (ISG18CS030), Kumari Madhu (ISG18CS039) bonafide students of Sapthagiri College of Engineering, in partial fulfillment for the award of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2021-2022. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the Department Library. The project report has been approved as it satisfies the academic requirements in respect of Project Work Phase II (18CSP83) prescribed for the said degree.


Signature of the Guide
Prof. Kavitha B
Assistant Professor


Signature of the HOD
Dr. Kamalakshi Naganna
Professor & Head

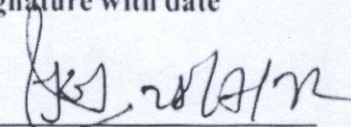

Signature of the Principal
Dr. H Ramakrishna
Principal


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

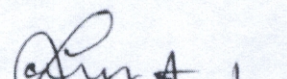
Name of Examiner

Signature with date

1. Dr. Praveen Kumar


20/01/22

2. Dr. Kamalakshi N.


20/01/22

SAPTHAGIRI COLLEGE OF ENGINEERING

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Bengaluru-560057

Department of Computer Science and Engineering

(Accredited by NBA)



Certificate

Certified that the Project Work entitled " IOT BASED POWER TRANSMISSION FAULT DETECTION USING BLYNK CLOUD" carried out by ADITYA M(1SG18CS005), BHARGAV TRIMAL KULKARNI (1SG18CS017), DARSHAN K S(1SG18CS021), MANJUNATH RAMA NAIK (1SG18CS048) bonafide students of Sapthagiri College of Engineering, in partial fulfillment for the award of Bachelor Of Engineering in Computer Science & Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2021-2022. It is certified that all corrections/suggestions indicated for Final Assessment have been incorporated in the Report deposited in the Department Library. The project report has been approved as it satisfies the academic requirements in respect of Project Work Phase II (18CSP83) prescribed for the said Degree

Signature of the Guide

Prof. Shashi Rekha G

Assistant Professor

Signature of the HOD

Dr. Kamalakshi Naganna

Professor and Head

Signature of the Principal

Dr. H Ramakrishna

Principal

Sapthagiri College of Engineering
Chikkasandra, Hesaraghatta Road
Bangalore- 560 057

EXTERNAL EXAMINATION:

Name of the Examiners

1. Dr. Praveen Kumar KV

2. Dr. Saranya N.L

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

Signature with Date

Dr. H Ramakrishna 28/7/22

Dr. Saranya N.L 28/7/22

SAPTHAGIRI COLLEGE OF ENGINEERING

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Bengaluru-560057

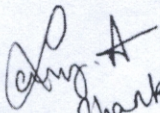
Department of Computer Science and Engineering

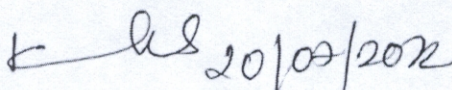
(Accredited by NBA)

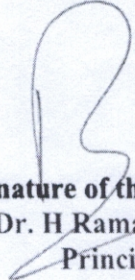


Certificate

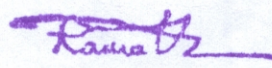
Certified that the Project Work entitled "CRYPTOCURRENCY PRICE PREDICTION" carried out by NITHIN S M (ISG18CS132), VARUN R (ISG18CS133), NAVEEN S R (ISG18CS061), MANJUNATH M (ISG19CS404), bonafide students of Sapthagiri College of Engineering, in partial fulfillment for the award of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2021-2022. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the Department Library. The project report has been approved as it satisfies the academic requirements in respect of Project Work Phase II (18CSP83) prescribed for the said degree.


Signature of the Guide
Prof. Shankar Rana
Assistant Professor


Signature of the HOD
Dr. Kamalakshi Naganna
Professor & Head

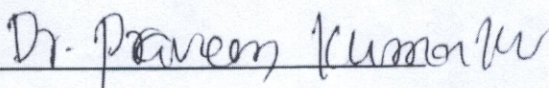

Signature of the Principal
Dr. H Ramakrishna
Principal

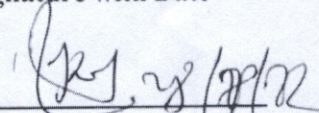
EXTERNAL EXAMINATION:

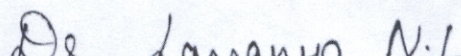

Principal
Sapthagiri College of Engineering
14/5, Chikkasandra, Hesaraghatta Main Road
Bengaluru - 560 057

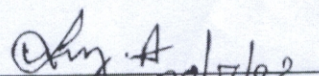
Name of the Examiners

Signature with Date

1. 


28/11/22

2. 


28/11/22

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Established in 2004



CERTIFICATE

Certified that the Project Work entitled "DISASTER SURVIVAL PREDICTION USING MACHINE LEARNING" carried out by bonafide students of 8th semester, UPMA MAURYA (ISG18CSI22), SRISHITI KUMARI (ISG18CSI14), SIMRAN MAHTO (ISG18CSI08), SABHYATA CHAUDHARY (ISG18CS093), bonafide students of Sapthagiri College of Engineering, in partial fulfillment for the award of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2021-2022. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the Department Library. The project report has been approved as it satisfies the academic requirements in respect of Project Work Phase II (18CSP83) prescribed for the said degree.

Signature of the Guide
Prof. Shobha.K
Assistant Professor

Signature of the HOD
Dr. Kamalakshi Naganna
Professor & Head

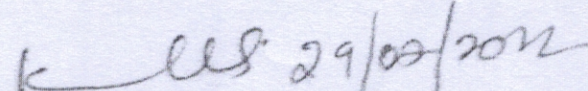
Signature of the Principal
Dr. H Ramakrishna
Principal


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

Name of Examiner

Signature with date

Dr. Kamalakshi Naganna


29/02/2022

SAPTHAGIRI COLLEGE OF ENGINEERING

Affiliated to VTU, Belagavi, Approved by AICTE, NEW DELHI
(ISO 9001-2015 & ISO14001-2015, Accredited by NAAC with 'A' Grade)
14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru - 560057
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
Accredited by NBA



Certificate

Certified that the Project work entitled "IDENTIFICATION OF DIABETIC RETINOPATHY USING RETINAL IMAGES" carried out by bonafide students of 8th semester, Siddhant Pandey (1SG18CS107), Shubhashish Pathak (1SG18CS106), Snehal Mishra (1SG18CS111) Department of Computer Science & Engineering carried out at college Sapthagiri College of Engineering, Bengaluru in partial fulfillment of the award of Bachelor Of Engineering in Computer 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 II (18CSP83) prescribed for the said Degree.

Signature of the Guide

Mrs. Kavitha B

Assistant Professor

Signature of the HOD

Dr. Kamalakshi Naganna

Professor and Head

Signature of the Principal

Dr. H. Ramakrishna

Principal

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

EXTERNAL EXAMINATION:

Name of the Examiners

1. Dr. Kamalakshi Naganna

2. R. Krithna

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

Signature with Date

28/07/2022

SAPTHAGIRI COLLEGE OF ENGINEERING

(Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE, New Delhi.)
ISO 9001-2015 & 14001-2015 Certified, Accredited by NAAC with 'A' Grade
Bengaluru-560057

Department of Computer Science and Engineering

(Accredited by NBA)



Certificate

Certified that the Project Work entitled "MASQUERADING DETECTION USING MACHINE LEARNING" carried out by Ankit Raj Mishra (ISG18CS011), Harshit Gupta (ISG18CS033), Priyanshu Kumar (ISG18CS080), Utkarsh Gaurav (ISG18CS123), bonafide students of Sapthagiri College of Engineering, in partial fulfillment for the award of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2021-2022. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the Department Library. The project report has been approved as it satisfies the academic requirements in respect of Project Work Phase II (18CSP83) prescribed for the said degree.

Akshatha Kamath
20/7/2022
Signature of the Guide
Prof. Akshatha Kamath
Assistant Professor

K. S. 20/07/2022
Signature of the HOD
Dr. Kamalakshi Naganna
Professor & Head

H. R. 20/07/2022
Signature of the Principal
Dr. H Ramakrishna
Principal

EXTERNAL EXAMINATION:

Name of the Examiners

1. *Dr. Praveen Kumar*

2. *Dr. Lavanya N.L*

H. R. 20/07/2022
Principal
Sapthagiri College of Engineering
14/5, Chikkasandra, Hesaraghatta Main Road
Bengaluru - 560 057

Signature with Date

[Signature]

[Signature]

SAPTHAGIRI COLLEGE OF ENGINEERING

(Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE, New Delhi.)
ISO 9001-2015 & 14001-2015 Certified, Accredited by NAAC with 'A' Grade
Bengaluru-560057

Department of Computer Science and Engineering

(Accredited by NBA)



Certificate

Certified that the Project Work entitled "CUSTOMER CHURN PREDICTION IN TELECOM INDUSTRY" carried out by Gaurav Gupta (1SG18CS031), Divyanshi Kushwaha (1SG18CS028) bonafide students of Sapthagiri College of Engineering, in partial fulfillment for the award of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2021-2022. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the Department Library. The project report has been approved as it satisfies the academic requirements in respect of Project Work Phase II (18CSP83) prescribed for the said degree.

Bhagavathi
20/7/22

Signature of the Guide
Mrs. Bhagavathi
Assistant Professor

K. A. S.
20/07/2022

Signature of the HOD
Dr. Kamalakshi Naganna
Professor & Head

H. Ramkrishna
20/07/2022

Signature of the Principal
Dr. H Ramkrishna
Principal

EXTERNAL EXAMINATION:

Name of the Examiners

1. *Dr. Kamalakshi Naganna*

Ch. A. H.

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

Signature with Date

K. A. S. *28/07/2022*

A.

SAPTHAGIRI COLLEGE OF ENGINEERING
(Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE, New Delhi.)
ISO 9001-2015 & 14001-2015 Certified, Accredited by NAAC with 'A' Grade
Bengaluru-560057

Department of Computer Science and Engineering

(Accredited by NBA)



Certificate

Certified that the Project Work entitled "FOOTPRINT AI ENGINE" carried out by SHAHADAT HUSSAIN (1SG18CS099), VIVEK KUMAR PATEL S (1SG18CS125), PARAMJEET SINGH (1SG18CS070), SAHIL ARYAN (1SG18CS095), bonafide students of Sapthagiri College of Engineering, in partial fulfillment for the award of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2021-2022. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the Department Library. The project report has been approved as it satisfies the academic requirements in respect of Project Work Phase II (18CSP83) prescribed for the said degree.

Hemalatha K
Signature of the Guide
Prof. Hemlatha K
Assistant Professor

25/02/2022
Signature of the HOD
Dr. Kamalakshi Naganna
Professor & Head

25/02/2022
Signature of the Principal
Dr. H Ramkrishna
Principal

EXTERNAL EXAMINATION:

Name of the Examiners

1. Dr. Kamalakshi Naganna

28/02/2022
Signature with Date
Sapthagiri College of Engineering
14/5, Chikkasandra, Hesaraghatta Main Road
Bengaluru - 560 057

28/02/2022

Ch. H. H.

Ch. H. H.

SAPTHAGIRI COLLEGE OF ENGINEERING
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Bengaluru-560057

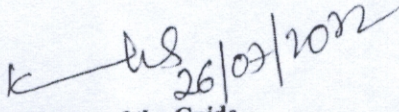
Department of Computer Science and Engineering

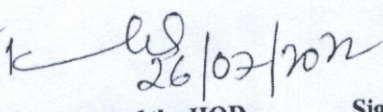
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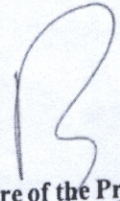


Certificate

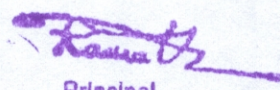
Certified that the Project Work entitled "OBSTACLE DETECTION AND HOME APPLIANCES CONTROL USING SMART WHEELCHAIR FOR CRIPPLED PATIENTS" carried out by MADHURAVANI N (ISG18CS059), MEGHANA G (ISG18CS054), NAVYASHREE K (ISG18CS062), MEGHA P (ISG18CS052), bonafide students of Sapthagiri College of Engineering, in partial fulfillment for the award of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2021-2022. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the Department Library. The project report has been approved as it satisfies the academic requirements in respect of Project Work Phase II (18CSP83) prescribed for the said degree.


Signature of the Guide
Dr. Kamalakshi Naganna
Professor & Head


Signature of the HOD
Dr. Kamalakshi Naganna
Professor & Head


Signature of the Principal
Dr. H Ramakrishna
Principal

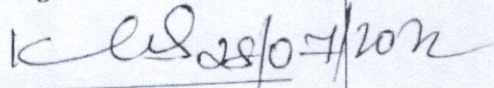
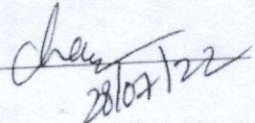
EXTERNAL EXAMINATION:


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

Name of the Examiners

1. Dr. Kamalakshi Naganna
2. Chaitra

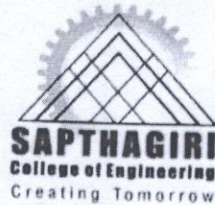
Signature with Date

SAPTHAGIRI COLLEGE OF ENGINEERING

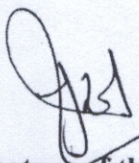
Affiliated to VTU, Belagavi & Approved by AICTE, New Delhi,
(Accredited By NAAC with "A" Grade)(ISO 9001:2015 & ISO 14001:2015 Certified Institute)
#14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru- 560057

Department Of Computer Science and Engineering
(Accredited By NBA)

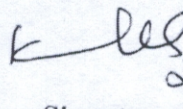


Certificate

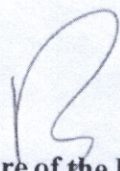
Certified that the Project Work entitled "INTELLIGENT READER FOR VISUALLY IMPAIRED PEOPLE" carried out by ANUSHA D B (1SG18CS012), K U ANJALI(1SG18CS037), REVATHI D(1SG18CS084), YASHASWINI S(1SG18CS127) bonafide students of Sapthagiri College of Engineering, in partial fulfillment for the award of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2021-2022. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the Department Library. The project report has been approved as it satisfies the academic requirements in respect of Project Work Phase II (18CSP85) prescribed for the said degree.


25/7/22

Signature of the Guide
Dr. Praveen Kumar KV
Professor


25/07/2022

Signature of the HOD
Dr. Kamalakshi Naganna
Professor & Head

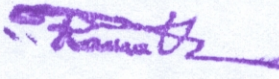

Principal

Signature of the Principal
Dr. H Ramakrishna
Principal

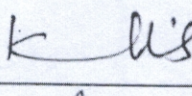
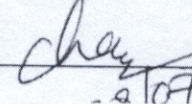
EXTERNAL EXAMINATION:

Name of the Examiners

1. Dr. Kamalakshi Naganna
2. Chaitra


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

Signature with Date


28/07/2022

28/07/22

SAPTHAGIRI COLLEGE OF ENGINEERING

Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE, New Delhi.)

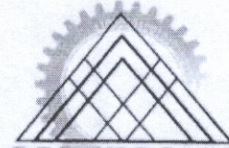
ISO 9001-2015 & 14001-2015 Certified, Accredited by NAAC with 'A' Grade

#14/5, Chikkasandra, Hesaraghatta Main Road,

Bengaluru-560057

Department of Computer Science and Engineering

(Accredited by NBA)



SAPTHAGIRI
College of Engineering
Creating Tomorrow

Certificate

Certified that the Project Work entitled "DETECTION AND CLASSIFICATION OF COVID-19/PNEUMONIA WITH CHEST X-RAY IMAGES BY APPLYING AI&ML TECHNIQUES" carried out by ROOPA U (1SG18CS090), RAKSHITHA D (1SG18CS129), DRITHI R (1SG18CS130), bonafide students of Sapthagiri College of Engineering, in partial fulfillment for the award of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2021-2022. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the Department Library. The project report has been approved as it satisfies the academic requirements in respect of Project Work Phase II (18CSP83) prescribed for the said degree.

Signature of the Guide
Dr. Lavanya N L
Associate Professor

Signature of the HOD
Dr. Kamalakshi Naganna
Professor & Head

Signature of the Principal
Dr. H Ramakrishna
Principal

EXTERNAL EXAMINATION:

Name of the Examiners

1. Dr. Kamalakshi Naganna

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

Signature with Date

25/03/2022

SAPTHAGIRI COLLEGE OF ENGINEERING

(Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE, New Delhi.)
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Bengaluru-560057

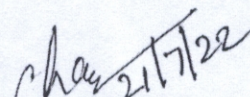
Department of Computer Science and Engineering

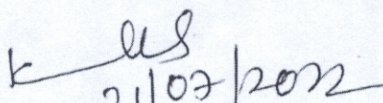
(Accredited by NBA)




Certificate

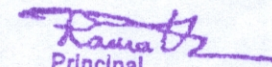
Certified that the Project Work entitled "HEALTHCARE CHATBOT" carried out by Koushik V Uppuluri (ISG18CS038), Likith S (ISG18CS041), M Lakshmi Naveen Reddy (ISG18CS042) and Manu K N (ISG18CS049), bonafide students of Sapthagiri College of Engineering, in partial fulfillment for the award of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2021-2022. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the Department Library. The project report has been approved as it satisfies the academic requirements in respect of Project Work Phase II (18CSP83) prescribed for the said degree.


Signature of the Guide
Prof. Chaithra
Associate Professor


Signature of the HOD
Dr. Kamalakshi Naganna
Professor & Head


Signature of the Principal
Dr. H Ramakrishna
Principal

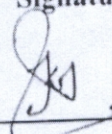
EXTERNAL EXAMINATION:


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

Name of the Examiners

1. Dr. Praveen Kumar

Signature with Date

 29/7/22

SAPTHAGIRI COLLEGE OF ENGINEERING

Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE, New Delhi.)

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

Department of Computer Science and Engineering

(Accredited By NBA)



Certificate

Certified that the Project Work entitled "DIABETES PREDICTION USING ML AND AI ALGORITHMS" carried out by APARNA SINGH (ISG18CS013), HARSHITHA S (ISG18CS034), JYOTHAPPAGARI VYSHNAVI (ISG18CS036), MADHURI M K (ISG18CS043) bonafide students of Sapthagiri College of Engineering, in partial fulfillment for the award of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2021-2022. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the Department Library. The project report has been approved as it satisfies the academic requirements in respect of Project Work Phase II (18CSP83) prescribed for the said degree.

Signature of the Guide

Prof. Latha A
Assistant Professor

Signature of the HOD

Dr. Kamalakshi Naganna
Professor & Head

Signature of the Principal

Dr. H Ramakrishna
Principal

EXTERNAL EXAMINATION:

Name of the Examiners

1. Dr. Praveen Kumar
2. Dr. Laxman N.L

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

Signature with Date

Signature with Date
29/7/22

SAPTHAGIRI COLLEGE OF ENGINEERING

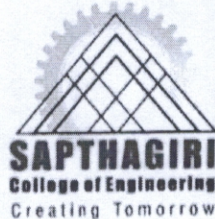
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ISO 9001-2015 & 14001-2015 Certified, Accredited by NAAC with 'A' Grade

Bengaluru-560057

Department of Computer Science and Engineering

(Accredited by NBA)



Certificate

Certified that the Project Work entitled "PEST DETECTION AND OBLITERATION BASED ROBOTIC SYSTEM" carried out by SHIVAKUMAR R E (ISG19CS408), YUVARAJ N R (ISG19CS412), VARSHA H G (ISG19CS409), NEETU RAO D (ISG18CS063), bonafide students of Sapthagiri College of Engineering, in partial fulfillment for the award of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2021-2022. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the Department Library. The project report has been approved as it satisfies the academic requirements in respect of Project Work Phase II (18CSP83) prescribed for the said degree.

Madhushree
22/7/22
Signature of the Guide
Prof. Madhushree
Assistant Professor

K. Kamalakshi
22/07/2022
Signature of the HOD
Dr. Kamalakshi Naganna
Professor & Head

Dr. H. Ramkrishna
Signature of the Principal
Dr. H. Ramkrishna
Principal

EXTERNAL EXAMINATION:

Name of the Examiners

1. *Dr. Praveen Kumar*

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

Signature with Date

Dr. H. Ramkrishna
22/7/22

SAPTHAGIRI COLLEGE OF ENGINEERING

(Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE, New Delhi.)
ISO 9001-2015 & 14001-2015 Certified, Accredited by NAAC with 'A' Grade
Bengaluru-560057


Department of Computer Science and Engineering

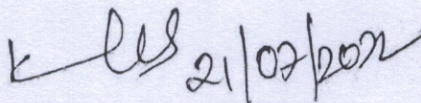
(Accredited by NBA)




Certificate

Certified that the Project Work entitled "Livenessnet and Face Antispoofing System" carried out by A Y GUNARACHANA(ISGI8CS001), BINDU L(ISGI8CS020), MONIKA A(ISGI8CS057) bonafide students of Sapthagiri College of Engineering, in partial fulfillment for the award of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2021-2022. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the Department Library. The project report has been approved as it satisfies the academic requirements in respect of Project Work Phase II (18CSP83) prescribed for the said degree.


Signature of the Guide
Prof. Anuradha Badage
Assistant Professor

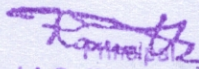

Signature of the HOD
Dr. Kamalakshi Naganna
Professor & Head


Signature of the Principal
Dr. H Ramakrishna
Principal

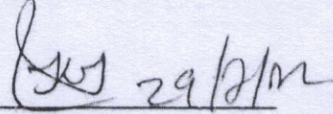
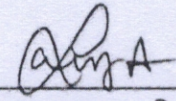
EXTERNAL EXAMINATION:

Name of the Examiners

1. Dr. Praveen Kumar
2. Dr. Lavanya N.L


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

Signature with Date


29/1/22

29/1/22

SAPTHAGIRI COLLEGE OF ENGINEERING

(Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE, New Delhi.)
ISO 9001-2015 & 14001-2015 Certified, Accredited by NAAC with 'A' Grade

Bengaluru-560057

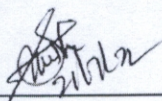
Department of Computer Science and Engineering

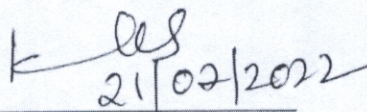
(Accredited by NBA)

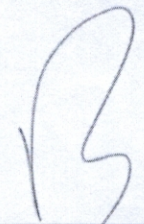


Certificate

Certified that the Project Work entitled "IDENTIFICATION AND CLASSIFICATION OF BRAIN TUMOR" carried out by DEEPTHI YADAV G (ISG18CS026), MANISHA L (ISG18CS047), bonafide students of Sapthagiri College of Engineering, in partial fulfillment for the award of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2021-2022. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the Department Library. The project report has been approved as it satisfies the academic requirements in respect of Project Work Phase II (18CSP83) prescribed for the said degree.


Signature of the Guide
Prof. Swetha B N
Assistant Professor


Signature of the HOD
Dr. Kamalakshi Naganna
Professor & Head

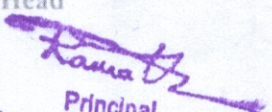

Signature of the Principal
Dr. H Ramakrishna
Principal

EXTERNAL EXAMINATION:


Name of the Examiners

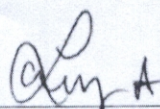
1. Dr. Praveen Kumar

2. Dr. Lavanya N L


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

Signature with Date

 29/7/22

 29/7/22

SAPTHAGIRI COLLEGE OF ENGINEERING

(Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE, New Delhi.)

ISO 9001-2015 & 14001-2015 Certified, Accredited by NAAC with 'A' Grade

Bengaluru-560057

Department of Computer Science and Engineering

(Accredited by NBA)



Certificate

Certified that the Project Work entitled "AGRO SMART" carried out by Harshitha J (ISG16CS037), Abdul Haroon Khan (ISG18CS003), Akshatha M (ISG18CS009), Namratha (ISG18CS060), bonafide students of Sapthagiri College of Engineering, in partial fulfillment for the award of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2021-2022. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the Department Library. The project report has been approved as it satisfies the academic requirements in respect of Project Work Phase II (18CSP83) prescribed for the said degree.

Signature of the Guide

Prof. Shashi Rekha G
Assistant Professor

Signature of the HOD

Dr. Kamalakshi Naganna
Professor & Head

Signature of the Principal

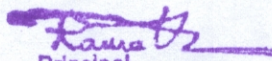
Dr. H Ramkrishna
Principal

EXTERNAL EXAMINATION:

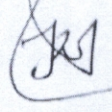
Name of the Examiners

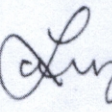
1. Dr. Praveen Kumar

2. Dr. Lavanya N.L


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

Signature with Date

 28/7/22

 29/7/22

SAPTHAGIRI COLLEGE OF ENGINEERING

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Bengaluru-560057

Department of Computer Science and Engineering

(Accredited by NBA)



Certificate

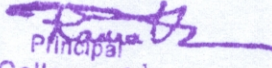
Certified that the Project Work entitled "IMAGE BASED SEARCH ENGINE" carried out by AAKASH WAZA (ISG18CS002), DEVASHISH (ISG18CS027), FARAZ KHAN (ISG18CS029), MOHIT KUMAR SHAW (ISG18CS055), bonafide students of Sapthagiri College of Engineering, in partial fulfillment for the award of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2021-2022. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the Department Library. The project report has been approved as it satisfies the academic requirements in respect of Project Work Phase II (18CSP83) prescribed for the said degree.

Signature of the Guide
Mr. Shankar Rana
Assistant Professor

Signature of the HOD
Dr. Kamalakshi Naganna
Professor & Head

Signature of the Principal
Dr. H Ramakrishna
Principal

EXTERNAL EXAMINATION:


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

Name of the Examiners

Signature with Date

1. Dr. Praveen Kumar

29/7/22

2. Dr. Savanya N.L

29/7/22

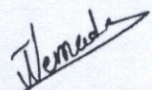
Department of Computer Science and Engineering

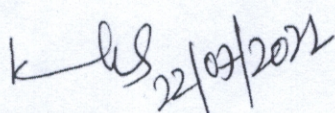
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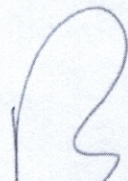


Certificate

Certified that the Project Work entitled "DIABETIC RETINOPATHY DETECTION USING CNN" carried out by PREETHA S JOIS (ISG18CS075), SUPRIYA K (ISG18CS118), THANUSHREE K J (ISG18CS121), YASHASWINI M KOTEGAR (ISG18CS128), bonafide students of Sapthagiri College of Engineering, in partial fulfillment for the award of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2021-2022. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the Department Library. The project report has been approved as it satisfies the academic requirements in respect of Project Work Phase II (18CSP83) prescribed for the said degree.


Signature of the Guide
Prof. Jayshree N Nemade
Assistant Professor

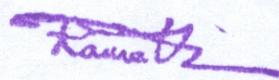

Signature of the HOD
Dr. Kamalakshi Naganna
Professor & Head


Signature of the Principal
Dr. H Ramkrishna
Principal

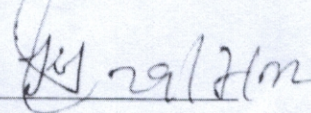
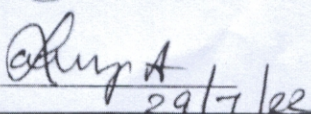
EXTERNAL EXAMINATION:

Name of the Examiners

1. Dr. Praveen Kumar W
2. Dr. Lavanya N.L


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

Signature with Date


29/7/22

29/7/22

SAPTHAGIRI COLLEGE OF ENGINEERING

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ISO 9001-2015 & 14001-2015 Certified, Accredited by NAAC with 'A' Grade
Bengaluru-560057


Department of Computer Science and Engineering

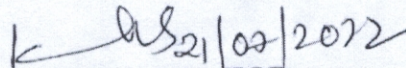
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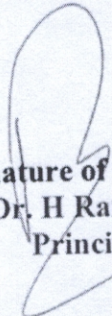


Certificate

Certified that the Project Work entitled "CHRONIC KIDNEY DISEASE PREDICTION USING MACHINE LEARNING" carried out by Shanu Himkar (1SG18CS101), Nishant Rana (1SG18CS066), bonafide students of Sapthagiri College of Engineering, in partial fulfillment for the award of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2021-2022. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the Department Library. The project report has been approved as it satisfies the academic requirements in respect of Project Work Phase II (18CSP83) prescribed for the said degree.


Signature of the Guide
Mrs. Shobha K
Assistant Professor

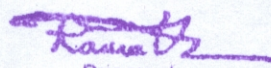

Signature of the HOD
Dr. Kamalakshi Naganna
Professor & Head


Signature of the Principal
Dr. H Ramkrishna
Principal

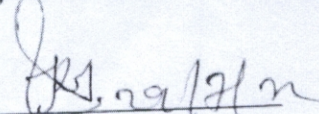
EXTERNAL EXAMINATION:

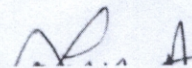
Name of the Examiners

1. Dr. Praveen Kumar


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

Signature with Date


21/02/2022



SAPTHAGIRI COLLEGE OF ENGINEERING

Affiliated to VTU Belagavi, Approved by AICTE, NEW DELHI

(ISO 9001-2015 & ISO14001-2015 Certified Institute)

Accredited by NAAC with "A" Grade

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



Department of Computer Science & Engineering

Accredited by NBA

CERTIFICATE

Certified that the Project work entitled "TOOL FOR EVALUATING SUBJECTIVE ANSWERS (TESA)" carried out by Prerana Shetty (ISG18CS078), Rashmitha P (ISG18CS083), Sonali M (ISG18CS112), Rakshitha M (ISG19CS405), bonafide students of Sapthagiri College of Engineering, Bengaluru in partial fulfillment of the award of Bachelor Of Engineering in Computer Science & Engineering of the Visvesvaraya Technological University, Belagavi during the year 2021-22. It is certified that all corrections/suggestions indicated for 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 Phase II(18CSP85) prescribed for the said Degree.

Akshatha Kamath
26/7/22

Signature of the Guide
Mrs. Akshatha Kamath
Assistant Professor, CS&E

K. H. 26/07/2022

Signature of the HOD
Dr. Kamalakshi Naganna
Professor & Head

[Signature]
Signature of the Principle
Dr. H Ramakrishna
Principal

EXTERNAL EXAMINATION:

Name of the Examiners

1. Dr. Kamalakshi Naganna

2. Chaitra

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

K. H. 29/07/2022
Chaitra
29/07/22

SAPTHAGIRI COLLEGE OF ENGINEERING

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Bengaluru-560057

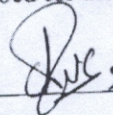
Department of Computer Science and Engineering

(Accredited by NBA)

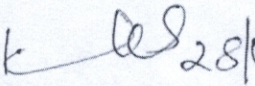


Certificate

Certified that the Project Work entitled "STOCK MARKET PREDICTION USING ML AND SENTIMENTAL ANALYSIS" carried out by NIRANJAN S (ISG18CS065), S MOHIT (ISG18CS091), SHREYAS V RAO (ISG18CS105), SUPRITH K S (ISG18CS116), bonafide students of Sapthagiri College of Engineering, in partial fulfillment for the award of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2021-2022. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the Department Library. The project report has been approved as it satisfies the academic requirements in respect of Project Work Phase II (18CSP83) prescribed for the said degree.


28/07/2022

Signature of the Guide
Ms. Chaitra N C
Assistant Professor


28/07/2022

Signature of the HOD
Dr. Kamalakshi Naganna
Professor & Head



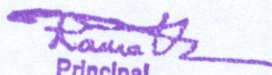
Signature of the Principal
Dr. H Ramakrishna
Principal

EXTERNAL EXAMINATION:

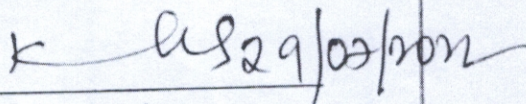
Name of the Examiners

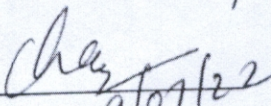
1. Dr. Kamalakshi Naganna

2. Chaitra


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

Signature with Date


29/07/2022


29/07/22

SAPTHAGIRI COLLEGE OF ENGINEERING

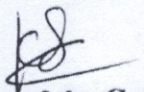
(Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE, New Delhi)
ISO 9001-2015 & ISO14001-2015 Certified, Accredited by NAAC with 'A' Grade
Bengaluru - 560057

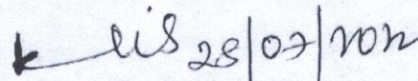
Department of Computer Science and Engineering (Accredited by NBA)

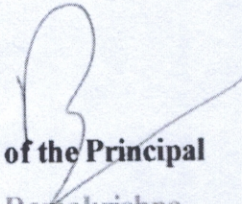


Certificate

Certified that the Project Work entitled "FIRE AND GUN VIOLENCE BASED ANOMALY DETECTION SYSTEM USING DEEP NEURAL NETWORK" carried out by ADITYA CHANDRA SINGH (1SG17CS002), SNEH KUMAR RAI (1SG17CS085), SUSHANT (1SG17CS093), bonafide students of Sapthagiri College of Engineering, in partial fulfillment for the award of Bachelor Of Engineering in Computer Science & Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2021-2022. It is certified that all corrections/suggestions indicated for Final Assessment have been incorporated in the Report deposited in the Department Library. The project report has been approved as it satisfies the academic requirements in respect of Project Work Phase II (18CSP83) prescribed for the said Degree.

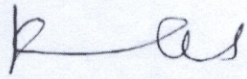

Signature of the Guide
Prof. SHOBHA K
Assistant Professor

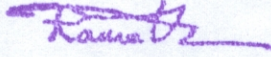

Signature of the HOD
Dr. Kamalakshi Naganna
Professor and Head


Signature of the Principal
Dr. H Ramakrishna
Principal



EXTERNAL EXAMINATION:

Name of the Examiners

1. 


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

Signature with Date


2. 

SAPTHAGIRI COLLEGE OF ENGINEERING

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ISO 9001-2015 & 14001-2015 Certified, Accredited by NAAC with "A" Grade

Bengaluru-560057

Department of Computer Science and Engineering

(Accredited by NBA)



Certificate

Certified that the Project Work entitled "SIGN LANGUAGE RECOGNITION USING OPENCV" carried out by PREETHI U (ISG18CS076), SANGEETHA R (ISG18CS097), ANUSHA S (ISG19CS401), VARSHITHA T M (ISG19CS410), bonafide students of Sapthagiri College of Engineering, in partial fulfillment for the award of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2021-2022. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the Department Library. The project report has been approved as it satisfies the academic requirements in respect of Project Work Phase II (18CSP83) prescribed for the said degree.

DM
23/07/2022

Signature of the Guide
Prof. Divyamani M K
Assistant Professor

K. L. S.
25/07/2022

Signature of the HOD
Dr. Kamalakshi Naganna
Professor & Head

[Signature]
Signature of the Principal
Dr. H Ramkrishna
Principal

EXTERNAL EXAMINATION:

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

Name of the Examiners

Signature with Date

1. Dr. Kamalakshi Naganna
2. Chaitanya

K. L. S. 29/07/2022
[Signature]

SAPTHAGIRI COLLEGE OF ENGINEERING

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Bengaluru-560057

Department of Computer Science and Engineering

(Accredited by NBA)



Certificate

Certified that the Project Work entitled "REAL TIME POTHOLE DETECTION USING CNN" carried out by ROHAN THAMMAIAH Y C (ISG18CS088), S R PRASHANTH (ISG18CS092), VISHAL SAI R (ISG18CS124), bonafide students of Sapthagiri College of Engineering, in partial fulfillment for the award of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2021-2022. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the Department Library. The project report has been approved as it satisfies the academic requirements in respect of Project Work Phase II (18CSP83) prescribed for the said degree.

Bhagavati
28/07/22
Signature of the Guide
Prof. Bhagavati
Assistant Professor

KS
28/07/2022
Signature of the HOD
Dr. Kamalakshi Naganna
Professor & Head

B
Signature of the Principal
Dr. H Ramkrishna
Principal

EXTERNAL EXAMINATION:

Name of the Examiners

1. *Dr Kamalakshi Naganna*

KS
Sapthagiri College of Engineering
14/5, Chikkasandra, Hasaraghatta Main Road
Bengaluru - 560 057
Signature with Date

KS
29/07/22

SAPTHAGIRI COLLEGE OF ENGINEERING

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Bengaluru-560057

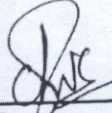
Department of Computer Science and Engineering

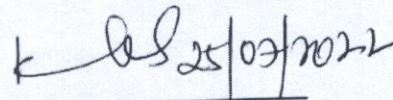
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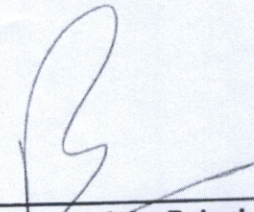


Certificate

Certified that the Project Work entitled "IMAGE RESTORATION AND UPSCALING USING SWIN TRANSFORMER" carried out by RAKESH S (1SG18CS082), SAGAR K (1SG18CS094), YASHA NIRANJAN (1SG18CS126), bonafide students of Sapthagiri College of Engineering, in partial fulfillment for the award of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2021-2022. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the Department Library. The project report has been approved as it satisfies the academic requirements in respect of Project Work Phase II (18CSP83) prescribed for the said degree.


25/07/2022
Signature of the Guide
Ms. Chaitra N C
Assistant Professor


25/07/2022
Signature of the HOD
Dr. Kamalakshi Naganna
Professor & Head

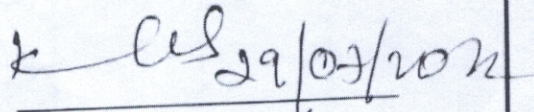

Signature of the Principal
Dr. H Ramkrishna
Principal

EXTERNAL EXAMINATION:

Name of the Examiners

1. Dr. Kamalakshi Naganna
11 11

Signature with Date


29/07/2022
11 12

SAPTHAGIRI COLLEGE OF ENGINEERING

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ISO 9001-2015 & 14001-2015 Certified, Accredited by NAAC with 'A' Grade

Bengaluru-560057

Department of Computer Science and Engineering

(Accredited by NBA)



Certificate

Certified that the Project Work entitled "EMPHASIZED SMART HANDWRITING RECOGNIZER TO FACILITATE e-LEARNING TOOL" carried out by PREETHU T B (ISG18CS077), SRIRAKSHA G (ISG18CSI13), SAHANA P (ISG18CSI31), SUSHMITHA N (ISG18CSI34), bonafide students of Sapthagiri College of Engineering, in partial fulfillment for the award of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2021-2022. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the Department Library. The project report has been approved as it satisfies the academic requirements in respect of Project Work Phase II (18CSP83) prescribed for the said degree.

Hemalatha K

Signature of the Guide

Ms. Hemalatha K
Assistant Professor, CS&E

K. Kamalakshi Naganna

Signature of the HOD
Dr. Kamalakshi Naganna
Professor & Head

Dr. H Ramakrishna

Signature of the Principal
Dr. H Ramakrishna
Principal

EXTERNAL EXAMINATION:

Name of the Examiners

1. *Dr. Kamalakshi Naganna*

2. *Chaitra*

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

Signature with Date

K. al 28/07/2022

Chaitra 28/07/22

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(Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE, New Delhi.)
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Bengaluru-560057

Department of Computer Science and Engineering

(Accredited by NBA)



Certificate

Certified that the Project Work entitled "FOOD CLASSIFICATION USING DEEP LEARNING" carried out by SIRI M KASHIPATHI (ISG18CS110), SUHAS G C (ISG18CS115), SUPRIYA B TAVANSHI (ISG19CS117), bonafide students of Sapthagiri College of Engineering, in partial fulfillment for the award of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2021-2022. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the Department Library. The project report has been approved as it satisfies the academic requirements in respect of Project Work Phase II (18CSP83) prescribed for the said degree.

Hemalatha K
Signature of the Guide
Ms. Hemalatha K
Assistant Professor, CS&E

26/02/2022
Signature of the HOD
Dr. Kamalakshi Naganna
Professor & Head

26/02/2022
Signature of the Principal
Dr. H Ramkrishna
Principal

EXTERNAL EXAMINATION:

Name of the Examiners

1. Dr. Kamalakshi Naganna

2. Chaitra

29/02/2022
Principal
Sapthagiri College of Engineering
14/5, Chikkasandra, Hesaraghatta Main Road
Bengaluru - 560 057

Signature with Date

29/02/22

SAPTHAGIRI COLLEGE OF ENGINEERING

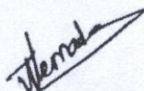
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ISO 9001:2015 & ISO 14001:2015 Certified Institute
Accredited By NAAC with "A" Grade
#14/5, Chikkasandra, Hesaraghatta Main Road, Bangalore - 560057

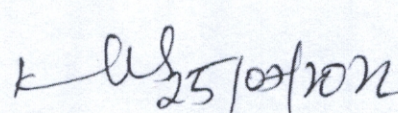
Department of Computer Science and Engineering


(Accredited by NBA)

Certificate

Certified that the Project Work entitled "EMOTION BASED MUSIC PLAYER" carried out by SHIVANSH(ISG18C103), SHOIB AKHTER(ISG18CS104) bonafide students of Sapthagiri College of Engineering, in partial fulfillment for the award of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2020-2021. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the Department Library. The project report has been approved as it satisfies the academic requirements in respect of Project Work Phase II (17CSP85) prescribed for the said degree.


Signature of the Guide
Prof. Jayshree N Nemade
Assistant Professor


Signature of the HOD
Dr. Kamalakshi Naganna
Professor & Head

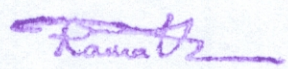

Signature of the Principal
Dr. H Ramakrishna
Principal

EXTERNAL EXAMINATION:

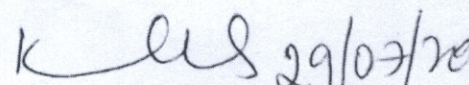
Name of the Examiners

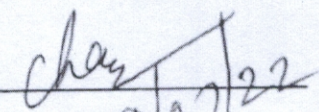
1. Dr. Kamalakshi Naganna

2. Chaitra


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

Signature with Date


29/07/2022


29/07/22

SAPTHAGIRI COLLEGE OF ENGINEERING

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ISO 9001-2015 & ISO14001-2015 Certified, Accredited by NAAC with 'A' Grade
Bengaluru - 560057

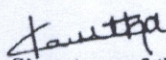
Department of Computer Science and Engineering

(Accredited by NBA)

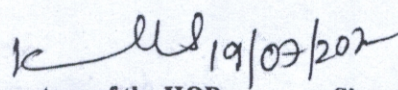


Certificate

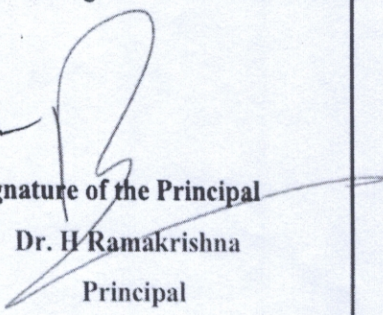
Certified that the Project Work entitled "AUTOMATED DOOR SYSTEM INTEGRATED WITH FACEMASK AND ID CARD DETECTION" carried out by AMANDEEP SINGH (1SG18CS010), DEEPAK SAH (1SG18CS025), LALIT MUDGAL (1SG18CS040) and MAYANK (1SG18CS050), bonafide students of Sapthagiri College of Engineering, in partial fulfillment for the award of Bachelor Of Engineering in Computer Science & Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2021-2022. It is certified that all corrections/suggestions indicated for Final Assessment have been incorporated in the Report deposited in the Department Library. The project report has been approved as it satisfies the academic requirements in respect of Project Work Phase II (18CSP83) prescribed for the said Degree.


Signature of the Guide

Prof. Kavitha B
Assistant Professor


Signature of the HOD

Dr. Kamalakshi Naganna
Professor and Head


Signature of the Principal

Dr. H Ramakrishna
Principal

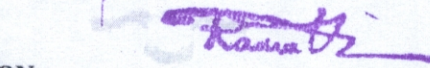
EXTERNAL EXAMINATION:

Name of the Examiners

1. Dr. Kamalakshi Naganna

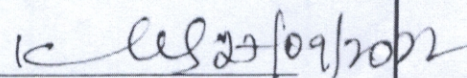
2. Chaitra

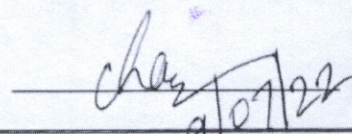
Principal


Sapthagiri College of Engineering

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

Signature with Date


19/09/2022


21/09/22

SAPTHAGIRI COLLEGE OF ENGINEERING

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Bengaluru-560057

Department of Computer Science and Engineering

(Accredited by NBA)



CERTIFICATE

Certified that the Project Work entitled "Genetic Programming Approach to Detect Hate Speech" carried out by ROHAN KUMAR (1SG18CS087), SAKSHI SHEORAN (1SG18CS096), SIMRAN VERMA (1SG18CS109), bonafide students of Sapthagiri College of Engineering, in partial fulfillment for the award of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2021-2022. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the Department Library. The project report has been approved as it satisfies the academic requirements in respect of Project Work Phase II (18CSP83) prescribed for the said degree.

Signature of the Guide
Prof. Swetha B N
Assistant Professor

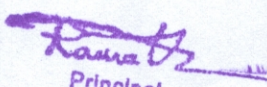
Signature of the HOD
Dr. Kamalakshi Naganna
Professor & Head

Signature of the Principal
Dr. H Ramakrishna
Principal

EXTERNAL EXAMINATION:

Name of the Examiners

1. Dr. Praveen Kumar


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

Signature with Date

2021-2022

SAPTHAGIRI COLLEGE OF ENGINEERING

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Bengaluru-560057

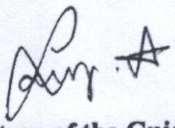
Department of Computer Science and Engineering

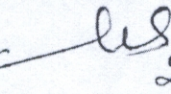
(Accredited by NBA)




Certificate

Certified that the Project Work entitled " Face detection and monitoring in multiple surveillance footage using convolutional neural network (CNN)" carried out by ADITYA SHARMA R (1SG18CS006), ARUNA KUMAR (1SG18CS016), HARSH P KAVATEKAR (1SG18CS032), bonafide students of Sapthagiri College of Engineering, in partial fulfillment for the award of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2021-2022. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the Department Library. The project report has been approved as it satisfies the academic requirements in respect of Project Work Phase II (18CSP83) prescribed for the said degree.


Signature of the Guide
Dr. Lavanya N L
Associate professor


Signature of the HOD
Dr. Kamalakshi Naganna
Professor & Head

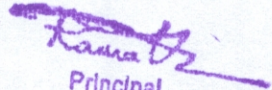

Signature of the Principal
Dr. H Ramkrishna
Principal

EXTERNAL EXAMINATION:

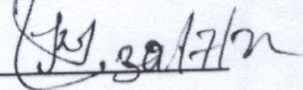
Name of the Examiners

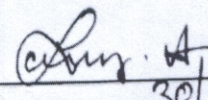
1. Dr. Praveen Kumar

2. Dr. Lavanya N L


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

Signature with Date


30/7/22


30/7/22

SAPTHAGIRI COLLEGE OF ENGINEERING

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Institute Accredited By NAAC with "A" Grade

#14/5, Chikkasandra, Hesareghatta Main Road, Bangalore - 560057

Department of Computer Science and Engineering



Certificate

Certified that the Project Work entitled "AUTOMATIC VIBRATION DEVICE FOR STROKE PATIENT" carried out by BHAVYA K H (ISG15CS016), MANO R (ISG16CS408), VAISHNAVI KASHYAP J (ISG17CS097) bonafide students of Sapthagiri College of Engineering, in partial fulfillment for the award of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2021-2022. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the Department Library. The project report has been approved as it satisfies the academic requirements in respect of Project Work Phase II (15CSP85) prescribed for the said degree.

DM
28/07/2022

Signature of the Guide
Prof. Divyamani M K
Assistant Professor

29/07/2022

Signature of the HOD (IC)
Dr. Kamalakshi Naganna
Professor & Head

Signature of the Principal
Dr. H Ramkrishna
Principal

EXTERNAL EXAMINATION:

Principal
Sapthagiri College of Engineering
14/5, Chikkasandra, Hesareghatta Main Road
Bangalore - 560 057

Name of the Examiners

Signature with Date

1. Dr. Praveen Kumar

30/07/22

2. Dr. Lavanya N.L

30/7/22

SAPTHAGIRI COLLEGE OF ENGINEERING

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Bengaluru-560057

Department of Computer Science and Engineering

(Accredited by NBA)



Certificate

Certified that the Project Work entitled "PRETERM BIRTH RISK DETECTION SYSTEM" carried out by PRATHIK N (1SG18CS074), R GOVARDHANA (1SG18CS081), SHERWIN E (1SG18CS102), bonafide students of Sapthagiri College of Engineering, in partial fulfillment for the award of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2021-2022. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the Department Library. The project report has been approved as it satisfies the academic requirements in respect of Project Work Phase II (18CSP83) prescribed for the said degree.

Den
29/07/2022

Signature of the Guide
Prof. Divyamani M K
Assistant Professor

K. L. S.
29/07/2022

Signature of the HOD
Dr. Kamalakshi Naganna
Professor & Head

B

Signature of the Principal
Dr. H Ramkrishna
Principal

EXTERNAL EXAMINATION:

Name of the Examiners

1. *Dr. Praveen Kumar*

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

Signature with Date

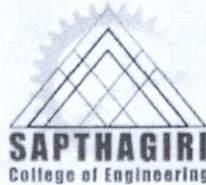
Dr. H Ramkrishna
30/7/22

SAPTHAGIRI COLLEGE OF ENGINEERING

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ISO 9001-2015 & 14001-2015 Certified, Accredited by NAAC with 'A' Grade
Bengaluru-560057

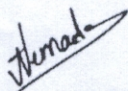
Department of Computer Science and Engineering

(Accredited by NBA)

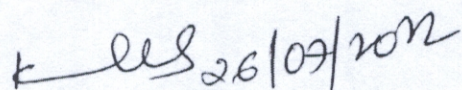


Certificate

Certified that the Project Work entitled "Crop And Yield Prediction With Estimation" carried out by **SOWMYA SUBRAHMANYAM (ISGI4CSI29)**, bonafide students of Sapthagiri College of Engineering, in partial fulfillment for the award of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2021-2022. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the Department Library. The project report has been approved as it satisfies the academic requirements in respect of Project Work (10CS86) prescribed for the said degree.


Signature of the Guide

Prof. Jayshree Nikhil Nemade
Assistant Professor


Signature of the HOD

Dr. Kamalakshi Naganna
Professor & Head


Signature of the Principal

Dr. H. Ramkrishna
Principal

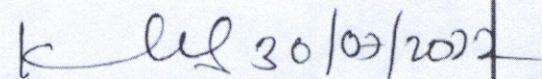
EXTERNAL EXAMINATION:

Name of the Examiners

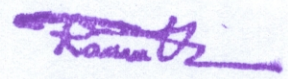
1. Dr. Kamalakshi Naganna

2. Chaitanya

Signature with Date


30/03/2022

Chaitanya


Principal
Sapthagiri College of Engineering
14/5, Chikkasandra, Hesaraghatta Main Road
Bengaluru - 560057