

BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING FOR WOMEN, PUNE

Pune-Satara Road, Dhankawadi, Taluka – Haweli, Dist.- Pune Accredited by NAAC, Affiliated to Savitribai Phule Pune University (SPPU) Approved by DTE. Govt. Of Maharashtra and AICTE, New Delhi

DTE Institute Code-EN6285, Pun Code-PU/PN/Engg. /150/2000

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DEPARTMENT OF COMPUTER ENGINEERING

PROJECT LIST

Academic Year 2023-24

Sr. No.	Project ID	Names of Student	Project Title	Projet Domain	Name of Guide
1		Shweta Jadhav	SHOPSTOCK: Smart Inventory Management system using deep learning	Data science	Prof. P.D.Kale
	1	Ankita Kanawade			
		Tanvi Mahajan			
		Samruddhi Shete			
2	, ,	Sanah Naik	ECG Report analysis and anamoly detection using Machine Learning	Machine Learning	Prof. V.D.Kulkarni
		Ankita Ochani			
		Sakshi Pratap			
		Suruchi Bibikar			
	=	Bagwan Julekha 🐜	Image forgery detection using Deep Learning	Data Science	Prof. D.D. Pukale
3	3	Jagadale Pranali 💛			
J	3	More Sanjivani			
		Sarmokdam Renuka			
		Rajlaxmi Manepatil	Web based application for flood hazard mapping using satellite data	ML and Web Development.	Prof.Dr. S.P.Kadam
4	4	Ahilya Bandgar			
		Chanchal Bundele			
		Tanmayii Chavan			
5	5	Bhakti Patil	Prediction analysis of prodthodontics using deep learning techniques	Machine Learning and Web Development	Prof. K.S.Warke
		Wagisha Raj			
		Sanchita Ola			
		Shraddha Tandel			
		Divya Ravindra Ingale	Face detection and recognition for criminal Machine Lead identification system	Machine Learning	Prof. K.D.Yesugade
6	6	Shruti Dipak Karad			
٠		Shravani Ravindra Mahaba			
9		Apurva Sanjay Pongade			
	7	Pranjal Suryvanshree	Real time weather monitoring Information system	web development & machine learning	Prof.Dr. S.P.Kadam
7		Vaishnavi Pasalkar			
′		Tannvi Sanekar			
18901	B n Ya	Aditi Patil			
. 1	8	Sandhya Bhakare	Lane and Speed Breaker Warning System for Vehicles	Machine Learning	Prof. K.S.Sawant
8		Puja Bharane			
8		Prachi Borse			
		Anuja Naphade			
	9	Wagh Mrunalini Dattatray	AI generated and Human audio detection	Machine Learning	Prof. K.S.Warke
9					
		Mundhe Anjali Vasantrao			
		Choughule Siddhi Raju			

-	T.	Vaishnavi Shinde		Cloud computing & Artificial intelligence	Prof. Dr. S.A.Pawar
10	10	Divya Rane	Depression analysis using Social Media post		
		Akanksha Ranpise			
		Ridhima Bhat			
		Divya Gaikwad	Car Loan Web Application using Cryptography		Prof. A.P.Kadam
11	11	Sejal Gholap		Artificial intelligence	
		Amruta Hedgire			
		Sakshi Jagtap			
	12	Khushi Gangrade	WeatherNOVA:Deep Learning powered image Retrieval for weather	Augmented Reality	Prof. D.D. Pukale
		Purva Nagrale			
12		Siddhi pasalkar			
		Sakshi Purvant	analysis		
		Sejal Bora	Identifying security threats and legitimate status	Machine Learning	Prof. K.S.Sawant
		Mahak chawla			
13	13	Prajakta khairnar			
1		Shravani Thakare	· .		
	14	Drishti Shah	Optimal plant disease classification based on vision transformer algorithm	Machine Learning	Prof.S.A. Karande
		Aqsa Shaikh			
14		Madhvi Sharma			
i		Sanjana Upase			
	15	Vrushali Bhagwat	A system to identify threats on social media conversation and to predict		Prof. V.D.Kulkami
		Anjana Patil		Machine learning and app/web	
15		Shubhangi Kumari		development	
E-1 - 100-1		Suneha deep Kour	prelimanary legal actions		
	16	Arati Nalawade	Image caption generator using Deep Learning	Web development & ML	
16		Prajakta Rupanavar			Prof. S.A. Karande
16		Pooja Salave			
		Aishwarya Badgujar			
	17	Aditi Ahire	Diet recommendation system using machine learning	Machine Learning And Web development	Prof. P.D.Kale
		Pratisha Bhise			
17		Kundan Binnar			
		Sakshi Datir			
	18	Shubhangi Divate	Vision based empty shelf space detection in retail application with Telegram	Artificial intelligence of Application Development	Prof.Dr. S.A.Pawar
18		Vaishnavi Parab			
18		Sakshi Sonavane			
		Shruti Thakur	notification to staff		
	19	Mayuri Mane	Deep Learning Techniques for detection of myopic disorders	Artificial intelligence	Prof. K.D.Yesugade
19		Sanika Sasane			
		Neha Wadkar			
		Shreya Yadav	(2) 第一直 (3)		
	20		Blockchain - Powered certificate authentication : A Decentralized approach with IPFS integration.	Cyber Security and Ethical Hacking	Prof. A.P.Kadam
_		Madura Dixit			
20		Anisha Kothare			
		Shevali Sarwade			

Project Co-ordinator Prof.S.A. Karande

HOD
Computer Engg. Department
BV's College of Engine ting
for Women, Pune-411043.



This is to certify that the project report entitles

"OBJECT DETECTION FOR INVENTORY STOCK COUNTING USING YOLO"

throughout this project They make Submitted by

receiving crucial quickless in the interior of the confirmation of the original

STUDENT NAME: EXAM NO:

MISS. SHWETA GORAKSHA JADHAV B190344222

MISS. ANKITA KAILAS KANAWADE B190344225

MISS. TANVI PRAMOD MAHAJAN B190344232

MISS. SAMRUDHI PRASHANT SHETE B190344262

is a Bonafide student of this institute and the work has been carried out by him/her under the supervision of **Prof. P. D. Kale** and it is approved for the partial fulfilment of the requirement of Savitribai Phule Pune University, for the award of the degree of **Bachelor**

of Engineering

(Computer Engineering).

(Prof. P. D. Kale)

Guide

HEOD

Computer Enga. Denarment BV's College of Engineering

(Prof. D. D. Pukale)

Head,

Department of Computer Engineering

Department of Computer Engineering

UTAKAHAS KANAWADE

(Dr. S. R. Patil)

I/C Principal, AND THE TRANSPORTER

Bharati Vidyapeeth's College of Engineering for Women

Place: Pune

Date: 24 11 2023

प्रभारी प्राचार्व भारती विद्यापीठाचे महिला अभिवांत्रिकी महाविद्यालव पुणे-सातारा रोड,पुचे-४११ ०४३





This is to certify that the Project Entitled

ECG ANALYZER USING MACHINE LEARNING Submitted by

SANAH NAIK

EXAM SEAT NO: B190344238

ANKITA OCHANI

EXAM SEAT NO: B190344240

SAKSHI PRATAP

EXAM SEAT NO: B190344254

SURUCHI BIBIKAR

EXAM SEAT NO: B190344267

is a bonafide student of this institute and the work has been carried out by her under the supervision of Prof. V.D. Kulkarni and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University, for the award of the degree of Bachelor of Engineering (Computer Engineering).

ON THE

(Prof. V.D. Kulkarni)

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Dept. Comp Eng.

(Prof. D.D.Pukale)

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Dept. Comp Eng. Department BV's College of Engineering for Women, Pune-411043,

(Dr. S.R.Patil)

I/C Principal,

Bharati Vidyapeeth's College of Engineering for Women

भारती विद्यापीठाचे भारती विद्यापीठाचे महिला अभियांत्रिकी महाविद्यालय पुणे-सातारा रोड,पुणे-४११ ०४३

Place:

Date:



This is to certify that the project report entitles "IMAGE FORGERY DETECTION USING DEEP LEARNING"

Submitted by

BAGWAN JULEKHA MUJIM

EXAM SEAT NO: - B190344204

JAGADALE PRANALI MAHADEO

EXAM SEAT NO: - B190344223

MORE SANJIVANI SHIVAJI

EXAM SEAT NO: - B190344236

SARMOKDAM RENUKA UDAY

EXAM SEAT NO: - B190344257

is a bonafide student of this institute and the work has been carried out by her under the supervision of **Prof. D. D. Pukale** and it is approved for the partial fulfilment of the requirement of Savitribai Phule Pune University, for the award of the degree of **Bachelor of Engineering** (Computer Engineering).

(Prof. D.D. Pukale)

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प्रभारी प्राचार्य

भारती विद्यापीठाचे

महिला अभियांत्रिकी महाविद्यालय

Place: Pune

Date 20th Nov 2013



This is to certify that the project report entitles

WEB BASED TOOL FOR FLOOD HAZARD MAPPING "

Submitted by

EXAM NO: STUDENT NAME: B190344205 BANDGAR AHILYA PANDURANG B190344212 BUNDELE CHANCHAL PRABHAKAR B190344213 CHAVAN TANMAYI PRASHANT B190344235 MANEPATIL RAJLAXMI UDAY

is a bonafide student of this institute and the work has been carried out by him/her under the supervision of Prof. Dr. S.P Kadam and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University, for the award of the degree of Bachelor of Engineering

(Computer Engineering).

(Prof. Dr. S.P Kadam)

Guide

Department of Computer Engineering

(Prof. D.T

Department of Computer Fugineering

THE PROPERTY OF THE SECOND SECTION OF THE SECOND SE

for Women, Pune-411043,

(Dr. S.R.Patil) I/C Principal,

Bharati Vidyapeeth's College of Engineering for Women

Place: Pune

Date:

प्रधारी प्राचार्य **भारती विद्यापीठाचे** महिला अभियांत्रिकी महाविद्यालय कि विकास कि वि विकास कि वि पुणे-सातारा रोड,पुचे-४११ ०४३



This is to certify that the Project Entitled

PREDICTION ANALYSIS OF PROSTHODONTICS USING

I would have to take this oppose may be the DEEP LEARNING THE R. H. Water for giving the plant of

Submitted by I am conly greated to been for their fund support, their valuable applications we prote beinged

PATIL BHAKTI

EXAM SEAT NO: B190344245

WAGISHA RAJ Walledon, Hand of Comexam SEAT NO: B190344248

SANCHITA OLA

EXAM SEAT NO: B190344256

SHRADDHA TANDEL

EXAM SEAT NO: B190344269

is a bonafide student of this institute and the work has been carried out by her under the supervision of Prof. K.S. Warke and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University, for the award of the degree of Bachelor of Engineering (Computer Engineering).

(Prof. K. S. Warke)

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(Dr. S.R.Patil)

I/C Principal,

Bharati Vidyapeeth's College of Engineering for Women

प्रभारी प्राचार्य भारती विद्यापीठाचे महिला अभियांत्रिकी महाविद्यालय पूर्ण-सातारा रोड,पुर्ण-४११ ०४३

Place: Pune

Date: 22/11/23



This is to certify that the Project Entitled

FACE DETECTION AND RECOGNITION FOR CRIMINAL

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Submitted by I say really conserve to them he they kind support, their valuable suggestions conserve helpshi

DIVYA INGALE

the help and publications I resolute. A

EXAM SEAT NO: B190344221

APURVA PONGADE EXAM SEAT NO: B190344246

SHRUTI KARAD

EXAM SEAT NO: B190344226

SHRAVANI MAHABARE

EXAM SEAT NO: B190344231

is a bonafide student of this institute and the work has been carried out by her under the supervision of Prof. K.D. Yesugade and it is approved for the partial fulfillment of the requirement ofSavitribai Phule Pune University, for the award of the degree of Bachelor of Engineering (Computer Engineering).

(Prof. K.D. Yesugade)

Guide

Dept. Comp Eng.

(Prof. D.B.Pukale)

Head

Dept.Control Computer Engg. Department BV's Cottege of Engineering

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I/C Principal,

(Dr. S.R.Patil

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प्रमारी प्राचार्य भारती विचापीतम महिला अभिवांत्रिकी महारि पुषे-सातारा रोड,पुणे-४११ ०४3

Place:

Date:



Management Paul Dud Palate the day CERTIFICATE

Department of Computer Engineering

This is to certify that,

Aditi Patil
Tannvi Sanekar
Pranjal Suryavanshi
Vashnavi Pasalkar

have successfully completed this project report entitled "Real Time Weather Monitoring Information System" under my guidance in partial fulfilment of the requirements for the degree of Bachelor of Engineering in the Department of Computer Engineering of Savitribai Phule Pune University during the academic year 202324.

Date:

Place:

Pune

Prof. Dr. Sonali Kadam

Guide

Prof. D.D PUEAD

Head of the Department Computer Partment Computer Partment By's College of Engineering for Women, Pune-411043.

Principal
प्रभारी प्राचार्व
भारती विद्यापीता

This project report is examined by **upon saffation Sagringia** Phule Pune University, Pune requirements at Bharati Vidyapeeth's **Wollege Of the Burney of the Pune State** Women, Pune 43 on

Internal Examiner

External Examiner



This is to certify that the project report entitles

"LANE AND SPEED BREAKER WARNING SYSTEM FOR VEHICLES"

Submitted by Submi

ANUJA NAPHADE B190344202 SANDHYA BHAKARE B190344207 PRACHI BORSE B190344211 PUJA BHARANE B190344247

is a bonafide students of this institute and the work has been carried out by her under the supervision of **Prof. K. S. Sawant** and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University, for the award of the degree of **Bachelor of Engineering** (Computer Engineering).

Prof. K. S. Sawant

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Department of Computer Engineering

Prof. D. D. Pukale

Department of Confidence Engineering

By's College of Engineering
for Women, Pune-411043.

S. R. Patil

I/C Principal,

Bharati Vidyapeeth's College of Engineering for Women

Place: Pune

Date:

प्रधारी प्राचार्थं भारती विद्यापीठाचे महिला अभिवांत्रिकी महाविद्यालय पुणे-सातारा रोड,पुचे-४११ ०४३

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This is to certify that the Project Report Entitles

AI GENERATED AND MANIPULATED AUDIO DETECTION

Submitted by

MISS. SIDDHI RAJU CHOUGHULE (72147972D)

MISS. KETKI MAHESH DANDGAVALE (72147975J)

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MISS. MRUNALINI DATTATRAY WAGH (72148151F)

is a bonafide student of this institute and the work has been carried out by him/her under the supervision of Prof. K. S. Warke and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University, for the award of the degree of Bachelor of Engineering (Computer Engineering).

Prof. K. S. Warke Guide

Department of Computer Engineering

Prof. D. D. Pukale

H. O. D.

Department of Company Digineering

Computer Engg. Department Bk's College of Engineering for Women, Pune-411043.

Prof. Dr. S. R. Patil

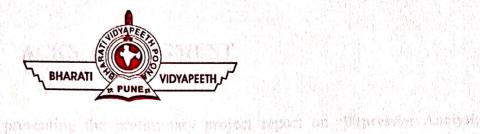
I/C Principal.

Bharati Vidyapeeth's College of Engineering for Women

Place: Pune

Date: 23/11/2023

प्रवारी प्राचार्व भारती विद्यापीठावे महिला अभियांत्रिकी महाविद्यालय पुणे-सातारा रोड,पुजे-४११ ०४३



This is to certify that the Project Entitled

Depression Analysis Through Social Media Submitted by

MISS. RANE DIVYA SURENDRA B190344249

MISS. AKANKSHA DNYANESHWAR RANPISE B190344250

MISS. RIDHIMA BHAT B190344251

MISS. VAISHNAVI BALASAHEB SHINDE B190344263

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(Prof. J.D.Jadhav)

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Merchalth Social Madia

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Dept. Comp Eng.

(Prof. D.D.Pukale)

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(Dr. S.R.Patil)

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प्रभारी प्राचार्व भारती विद्यापीठाचे महिला अभियांत्रिकी महाविद्यालय पुने-सातारा रोड,पुले-४११ ०४३

Place: pune

Date: 23 11 2023



This is to certify that the Project Entitled

"DEVELOPMENT OF CAR LOAN WEB APPLICATION USING CRYPTOGRAPHY"

Submitted by

I now really proceed to them for the compact of compact. Their valuable suggestions of the bury

DIVYA GAIKWAD

EXAM SEAT NO: B190344218

there's property requests but I Find II

SEJAL GHOLAP

EXAM SEAT NO: B190344219

AMRUTA HEDGIRE EXAM SEAT NO: B190344220

SAKSHI JAGTAP EXAM SEAT NO: B190344224

is a bonafide student of this institute and the work has been carried out by her under the supervision of Prof. A. P. KADAM and it is approved for the partial fulfilment of the requirement of Savitribai Phule Pune University, for the award of the degree of Bachelor BALLY VOLUMENT ALL THE PARTY OF of Engineering (Computer Engineering).

(Prof. A. P. Kadam)

(Prof. D. D. Pukale)

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Dept. Comp Eng.

(Dr. S. R. Patil)

I/C Principal,

Head

Computer Enggreepartment BV's College of Engineering, for Women, Pune-411043,

Bharati Vidyapeeth's College of Engineering for Women

Place: BUCOEW, Pune

Date: 22/11/23

प्रभारी प्राचार महिला अभियांत्रिकी महाविद्यालय पुषे-सातारा रोड,पुणे-४११ ०४३



This is to certify that the project report entitled

"WeatherNova: Deep Learning-powered Image Retrieval for Weather Analysis"

Submitted by

KHUSHI GANGRADE (4232)

PURVA NAGRALE (4240)

With the work to construct the production of the SIDDHI PASALKAR (4246)

Company Engineering for the Margharian SAKSHI PURVANT (4251)

is a bonafide student of this institute and the work has been carried out by her under the supervision of Prof. D. D. Pukale and it is approved for the partial fulfilment of the requirement of Savitribai Phule Pune University for the award of the degree of Bachelor of Engineering (Computer Engineering).

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(Prof. D.D. Pukale)

Guide

Department of Computer Engineering

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(Prof. D.D. Pukale)

Head.

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Department of Computer Engineering

Computer Engg. Department BV's College of Engineering for Women, Pune-411043.

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Shirty Constant

(Prof. Dr. S.R. Patil)

I/C Principal,

Bharati Vidyapeeth's College of Engineering for Women

श्र<mark>ाचारी प्राचार्य</mark> भारती विद्यार्थठाचे

BVCOEW, Department of Compline Engineering 2023-24

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This is to certify that the Project Entitled Samuel of the Pro

IDENTIFICATION OF SECURITY THREATS AND

LEGITIMATE STATUS

Submitted by

SEJAL BORA EXAM SEAT NO: B190344210

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MAHAK CHAWLA EXAM SEAT NO: B190344233

PRAJAKTA KHAIRNAR EXAM SEAT NO: B190344227

SHRAVANI THAKARE EXAM SEAT NO: B190344271

is a bonafide student of this institute and the work has been carried out by her under the supervision of Prof. K.S. Sawant and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University, for the award of the degree of Bachelor of Engineering

(Computer Engineering).

HEAD Shames of The kare

Computer Enga. Department

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for Women, 111043.

(Prof. D.D. Pukale)

Head
Dept.Comp Eng.

(Dr. S.R. Patil)

I/C Principal,

Bharati Vidyapeeth's College of Engineering for Women

Place: Pune

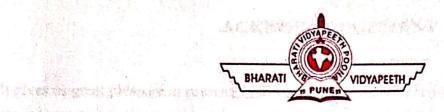
Date: 22/11/23

(Prof. K.S. Sawant)

Guide
Dept. Comp Eng.

भारती विद्यापीठाचे महिला अभियांत्रिकी महाविद्यालय

पुले-सातारा रोड,पुषे-४१९ ०४३



This is to certify that the project report entitles

PLANT DISEASE CLASSIFICATION BASED ON VISION TRANSFORMER

Submitted by

AQSA SHAIKH EXAM SEAT NO: B190344261

SANJANA UPASE **EXAM SEAT NO: B190344273**

MADHVI SHARMA EXAM SEAT NO: B190344230

DRISHTI SHAH EXAM SEAT NO: B190344260

is a bonafide student of this institute and the work has been carried out by her under the supervision of Prof. S.A. Karande and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University, for the award of the degree of Bachelor of Engineering (Computer Engineering).

(Prof. S.A. Karande)

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Dept. Comp Eng.

(Prof. D.D. Pukale)

Head

Dept. Comp Eng.

HEAD

Computer Engg. Department BY's College of Engineering for Women, Pune-411043.

(Dr. S.R. Patil) I/C Principal,

Bharati Vidyapeeth's College of Engineering for Women

Bharati Vidyapeeth's

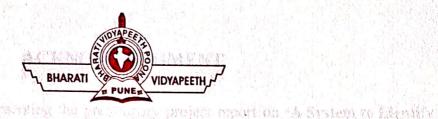
College of Engineering for Women

Pune-Satara Road, Pune-411043

Date:

Place:

Green trains



This is to certify that the Project Entitled

A System to Identify Threats on Social Media Conversations and Providing Preliminary Legal Actions

Submitted by White his hadrane same approxi-

I rai also graseful to Prof. D. D. Pukule, Heat, of Company Edgencering Department, BRANATI

VRUSHALI BHAGWAT EXAM SEAT NO: B190344206

ANJANA PATIL EXAM SEAT NO: B190344244

SHUBHANGI KUMARI EXAM SEAT NO: B190344264

SUNEHA DEEP KAUR EXAM SEAT NO: B190344266

is a bonafide student of this institute and the work has been carried out by her under the supervision of Prof. V.D. Kulkarni and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University, for the award of the degree of Bachelor of Engineering (Computer Engineering).

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(Prof. V.D. Kulkarni)

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Dept. Comp Eng.

(Prof. D.D.Pukale)

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(Dr. S.R.Patil)

Bharati Vidyapeeth's College of Engineering for Women

Place:

Date:

प्रभारी प्राप्तायी भारती विद्यापीठाने महिला अभियांत्रिकी नहानिजालन पुणे-समतास रोड,पुणे-४११ ०४३



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This is to certify that the project report entitles

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approaches, along a the reviewing some of the reservences over each contradict precies and

'Image caption generator using Deep Learning'.

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ARATI NALAVADE EXAM SEAT NO: B190344239

PRAJAKTA RUPANAVAR EXAM SEAT NO: B190344252

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Place:Pune

Date: 23-11-2023

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This is to certify that the project report entitles

DIET RECOMMENDATION SYSTEM"

Submitted by The money that so show our previous provious party as maken in Fig. F.D. Kates. We carried thank

STUDENT NAME: locating the propose support species with Exam No: meaning entrancement

AHIRE ADITIONAL RAJESH B190344201

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SAKSHI VINAYAK DATIR

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पुणे-सातारा रोड,पुणे-४११ ०४३



This is to certify that the Project Report Entitles

VISION BASED EMPTY SHELF SPACE DETECTION IN RETAIL APPLICATION WITH TELEGRAM NOTIFICATION TO STAFF

Submitted by

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This is to certify that the Project Report Entitles

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Submitted by

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This is to certify that the Project Entitled

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This is to certify that the Project Report Entitles

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This is to certify that the Project Entitled

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Date: 01.06-2024

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This is to certify that the Project Entitled

A SYSTEM TO IDENTIFY THREATS ON SOCIAL MEDIA CONVERSATIONS AND PROVIDING PRELIMINARY LEGAL ACTIONS

Submitted by

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This is to certify that the project report entitles

PLANT DISEASE CLASSIFICATION BASED ON VISION TRANSFORMER

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This is to certify that the Project Entitled

IDENTIFICATION OF SECURITY THREATS AND LEGITIMATE STATUS

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This is to certify that the Project Entitled

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This is to certify that the project report entitles

"DEVELOPMENT OF CAR LOAN WEB APPLICATION USING CRYPTOGRAPHY"

Submitted by

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SEJAL GHOLAP	B190344219
AMRUTA HEDGIRE	B190344220
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Depression Analysis Through Social Media Posts

Submitted by

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Date: 31-05-2024 .

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This is to certify that the project report entitles.

"AI GENERATED AND HUMAN AUDIO DETECTION"

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This is to certify that the project report entitles

"LANE AND SPEED BREAKER WARNING SYSTEM FOR VEHICLES"

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This is to certify that the Project Entitled

FACE DETECTION AND RECOGNITION FOR CRIMINAL IDENTIFICATION SYSTEM

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Place: Pune

ShopStock: Smart Inventory Management System Using Deep Learning



This is to certify that the project report entitles

"SHOPSTOCK: SMART INVENTORY MANAGEMENT SYSTEM USING DEEP LEARNING"

Submitted by

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Department of Computer Engineering

Department of Computer Engineering

Computer Engg. Department V. Jadhav) BV's College of Engineering for Women, Pune-411043.

Bharati Vidyapeeth's College of Engineering for Women

PRINCIPAL

Date: 01/06 2024

Place: Pune

Bharati Vidyapeeth's College of Engineering for Women Pune-Satara Road, Pune-411043.



This is to certify that the project report entitles "IMAGE FORGERY DETECTION USING DEEP LEARNING"

Submitted by

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are bonafide students of this institute and the work has been carried out by them under the supervision of Prof. D. D. Pukale and it is approved for the partial fulfilment of the requirement of Savitribai Phule Pune University, for the award of the degree of Bachelor of Engineering (Computer Engineering).

(Prof. D

Guide

Place: Pune

Department of Computer Engineering

Head

Computer Engg. Department **BV's College of Engineering** for Women, Pune-411043.

Department of Computer Engineering

Bharati Vidyapeeth's College of Engineering for Women

PRINCIPAL

Bharati Vidyapeeth's

BVCOEW, Department of Computer Engineering 2023-24

College of Engineering for Women

Date: Ist from vory. Pune-Satara Road, Pune-411043.