



VIGNAN'S INSTITUTE OF MANAGEMENT AND TECHNOLOGY FOR WOMEN

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Kondapur (V), Ghatkesar (M), Medchal - Malkajgiri (D) - 501 301 Phone: +91 96529 10002/3



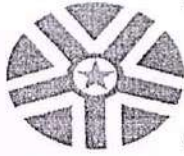
Project Work & Internship Certificates

Academic Year: 2021-2022

S.No	Department	Type of Work	Page No.
1	Electrical and Electronics Engineering	Project	2-12
2	Electronics & Communication Engineering	Project	13-62
		Internship	63-143
3	Computer Science and Engineering	Project	144-218
		Internship	219-277
4	Information Technology	Project	278-287
		Internship	288-316
5	Computer Science and Engineering (AI&ML)	Project	317-327
6	Computer Science and Engineering (DS)	Project	328-339
7	Artificial Intelligence & Data Science	Project	340-344
8	M.Tech (VLSI Design)	Project	345-353




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Department of Electrical and Electronics Engineering


Admitted Year: 2018

Academic Year: 2021-2022

IV B.TECH-II SEM- Major Project List

SNNo	Batch No	Roll No	Name of the Student	Title of the Project	Name of the Guide
1	1	18UP1A0201	Alwa Jyoshna	Active And Reactive Power Injection Strategies For Three Phase Four Wire Inverters During Symmetrical /Asymmetrical Voltage Sags	Miss. K KUMARI
2		18UP1A0203	Dende Manasa		
3		18UP1A0218	Uppala Geetha Rani		
4		19UP5A0206	Kamunipelli Yamini		
5	2	18UP1A0202	Bonthala Hima Bindu	Pv Based Shunt Active Harmonic Filter For Power Qualit Improvement	Mr. L Kiran kumar
6		18UP1A0204	Dokku Vatsalya		
7		19UP5A0207	Jorige Navya		
8	3	18UP1A0205	Golla Swathi	Grid Connect Wind- Photovoltaic Cogeneration Using Back To Back Voltage Source Coverter	Mr. L Kiran kumar
9		19UP5A0205	Gubba Supriya		
10		19UP5A0209	Tolugudla Srujana		
11	4	18UP1A0206	Tarlada Jahnavi	Dual Pq Theory Based Energy Optimized Dynamic Voltage Restorer For Power Quality Improvement In Distribution System	Mrs. B Divya Laxmi
12		18UP1A0210	Kommuri Varsha		
13		19UP5A0202	Dorashetty Sowmya		
14	5	18UP1A0208	Kannekanti Lalitha	Diagnosis Of Covid-19 Infection In Chest X-Ray Images	Mr. L Kiran kumar
15		18UP1A0214	Sana Begum		
16		18UP1A0215	Sudireddy Sneha Latha		
17	6	18UP1A0209	Karanam Meghana	Pv-Statcom : A New Smart Inverter For Voltage Control In Distribution System	Mr. T Rambabu
18		18UP1A0219	Uppala Gowthami Rani		
19		19UP5A0203	Gopi Reddy Sai Prasanna		
20		19UP5A0208	Martha Neethu		




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21	7	18UP1A0211	L Shireesha	Intelligent Grid Iterfaced Solar Water Pumping System	Mr. T Rambabu
22		18UP1A0213	Parvatha Lalitha Devi		
23		19UP5A0210	Vavilala Nithya		
24	8	18UP1A0216	Tadikamalla Sushma	Grid Interactive Solar Pv Based Water Pumping Using Bldc Motor Drive	Mr. L Kiran kumar
25		18UP1A0217	Thotakura Srilekha		
26		19UP5A0204	Gopireddy Anjali		
27	9	18UP1A0207	Jorige Navya	Development Of Electric Vehicles Dynamis For E- Verito Various Drive Cycles	Mr. L Kiran kumar
28		18UP1A0212	Manne Sai Nandini		
29		19UP5A0201	Budida Himabindu		

Project coordinator

HOD-EEE
Head of the Department
Electrical and Electronics Engineering
Vignan's Institute of Management and Technology for Women
Kondapur (V), Ghatkesar (M), R.R. Dist-501 301

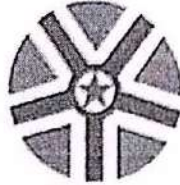


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Kondapur (V), Ghatkesar (M), R.R. District-501301




DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

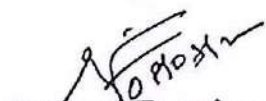
CERTIFICATE

This is to certify that the project report entitled "ACTIVE AND REACTIVE POWER INJECTION STRATEGIES FOR THREE-PHASE FOUR-WIRE INVERTER DURING SYMMETRICAL/ASYMMETRICAL SAGS" submitted by A.JYOSHNA(18UP1A0201),D.MANASA(18UP1A0203),U.GEETHA RANI (18UP1A0218),K.YAMINI(19UP5A0206)in partial fulfilment of the requirements for the award of the degree of Bachelor of Technology in Electrical & Electronics Engineering to the VIGNAN'S INSTITUTE OF MANAGEMENT AND TECHNOLOGY FOR WOMEN, KONDAPUR is a record of bonafide work carried out by them under my guidance and supervision. The results embodied in this project report have not been submitted in any other university for the award of any degree and the results are achieved satisfactorily.


Mr.L.KIRAN KUMAR
Head of the Department


(Internal Guide)
MISS. K. KUMARI
Assistant professor




External Examiner


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Vignans Institute of Management & Technology For Women
Kondapur(V),Ghatkesar(M),Medchal-Malkajgiri(Dt)-501301
Telangana State

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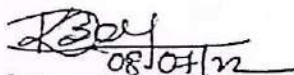
KONDAPUR(V), GHATKESAR (M) ,MEDCHAL(Dist.)-501 301, TELANGANA



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

CERTIFICATE

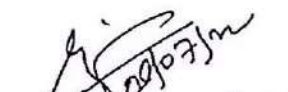
This is to certify that the project report entitled "PV BASED SHUNT ACTIVE HARMONIC FILTER FOR POWER QUALITY IMPROVEMENT" that is being submitted by HIMABINDU(18UPIA0202),D.VATSALYA(18UPIA0204), MADIHA KULSUM(19UP5A207) in partial fulfillment for the award of the Bachelor of Technology in ELECTRICAL AND ELECTRONICS ENGINEERING to the Jawaharlal Nehru Technological University, is a record of sincere work carried by him under my guidance and Supervision. The results embodied in this project have not been submitted to any Other University or institute for the award of any degree.


Internal Guide)

Miss.K. Kumari


(Head of the Department)

Mr. L. KIRAN KUMAR


External Examiner




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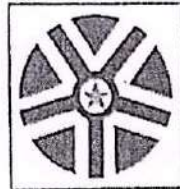
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DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

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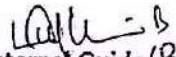
Kondapur (V), Ghatkesar (M), R.R.DISTRICT-501301

2018-2022



CERTIFICATE

This is to certify that the thesis work titled " Grid-Connected Wind-Photovoltaic Cogeneration Using Back-to-Back Voltage Source Converters" submitted by G.Supriya (19UP5A0205), T. Srujana (19UP5A0209), G. Swathi (18UP1A0205) in partial fulfillment of the requirements for the award of the degree of Bachelor of Technology in ELECTRICAL AND ELECTRONIC ENGINEERING to the VIGNAN'S INSTITUTE OF MANAGEMENT AND TECHNOLOGY FOR WOMEN, KONDAPUR is a record of bonafide work carried out by them under my guidance and supervision. The results embedded in this project report have not been submitted in any other university for the award of any degree.


Internal Guide (B.D.WVA
LAKSHMI)

Ms. B. DIVYALAXMI

Project Guide

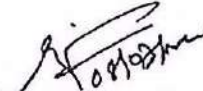
Dept. of EEE


Head of the Department 08/02/22

Mr. L. KIRAN KUMAR

Associate Professor & HOD

Dept. of EEE


External Examinee

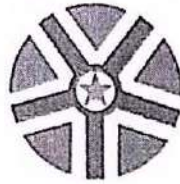



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Kondapur (V), Ghatkesar (M), R.R. District-501301

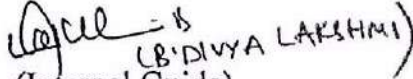


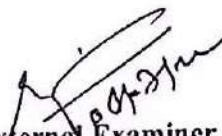
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

CERTIFICATE

This is to certify that the project report entitled "DUAL PQ THEORY BASED ENERGY OPTIMIZED DYNAMIC VOLTAGE RESTORER FOR POWER QUALITY IMPROVEMENT IN DISTRIBUTION SYSTEM" submitted by T. JAHNAVI (18UP1A0206), D. SOWMYA (19UP5A0202), K. VARSHA (18UP1A0210) in partial fulfillment of the requirements for the award of the degree of Bachelor of Technology in Electrical & Electronics Engineering to the VIGNAN'S INSTITUTE OF MANAGEMENT AND TECHNOLOGY FOR WOMEN, KONDAPUR is a record of bonafide work carried out by them under my guidance and supervision. The results embedded in this project report have not been submitted in any other university for the award of any degree and the results are achieved satisfactorily.


08/08/22
LANKA KIRAN KUMAR
Head of the Dept


(Internal Guide)
B. DIVYA LAXMI
Assistant professor


External Examiner

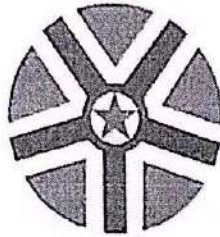



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Kondapur(V), Ghatkesar(m), Medchal Dist-501 301.
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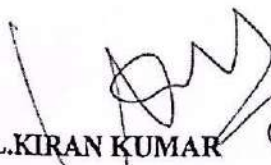
2018-2022

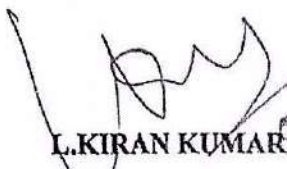


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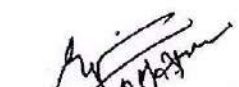
CERTIFICATE

This is to certify that this is the bonafide record of the project entitled "DIAGNOSIS OF COVID-19 INFECTION IN CHEST X-RAY IMAGES", submitted by LALITHA KANNEKANTI(18UP1A0208),SUDIREDDY SNEHALATHA(18UP1A0215) and SANA BEGUM(18UP1A0214)of B.Tech in the partial fulfillment of the requirements for the degree of Bachelor of Technology in Electrical and Electronics Engineering, Department of EEE during the year 2021-2022. The results embodied in this project report have not been submitted to any other University or Institute for the award of any degree or diploma.


L.KIRAN KUMAR
INTERNAL GUIDE
VMTW


L.KIRAN KUMAR
HEAD OF THE DEPARTMENT
VMTW




External Examiner


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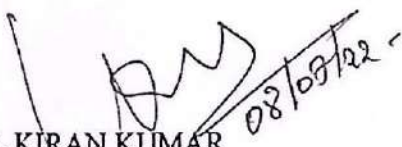
DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

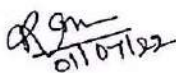
CERTIFICATE

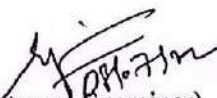


This is to certify that the thesis work titled "PV-STATCOM: A NEW SMART INVERTER FOR VOLTAGE CONTROL IN DISTRIBUTION SYSTEM" submitted by, **K Meghana(18UP1A0209), U Gowthami rani(18UP1A0219), G Sai Prasanna (19UP5A0203), M Neethu (19UP5A0208)** in partial fulfillment of the requirements for the award of the degree of Bachelor of Technology in Electrical and Electronics Engineering to the **VIGNAN'S INSTITUTE OF MANAGEMENT AND TECHNOLOGY FOR WOMEN, KONDAPUR** is a record of Bonafide work carried out by them under my guidance and supervision.

The results embodied in this project report have not been submitted in any university for the award of any degree and the results are achieved satisfactorily.


L.KIRAN KUMAR
HEAD OF THE DEPARTMENT
VMTW


T. RAM BABU
PROJECT GUIDE
VMTW


(External Examiner)

VMTW




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EEE

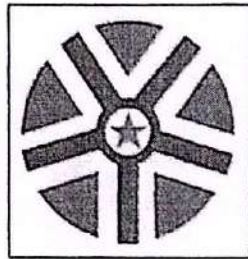
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Kondapur(V), Ghatkeshar(M)

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Hyderabad

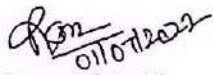
Medchal (Dist.)-501 301, Telangana



Department of Electrical and Electronics Engineering

CERTIFICATE

This is to certify that the thesis work titled " Intelligent Grid Interfaced Solar Water Pumping System" submitted by P. Lalitha Devi (18UP1A0213), L. Shireesha (18UP1A0211), V.Nithya (19UP5A0210) in partial fulfillment of the requirements for the award of the degree of Bachelor of Technology in Electrical and Electronics Engineering to the " VIGNAN'S INSTITUTE OF MANAGEMENT AND TECHNOLOGY FOR WOMEN",KONDAPUR is a record of bonafide work carried out by her under my guidance and supervision.


01/07/2022

Internal Guide

Mr. T .RAMBABU

Assistant Professor

Dept. of EEE

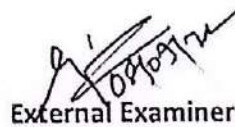

23/08/22

Head of the Department

Mr.L.KIRAN KUMAR

Associate Professor & HOD

Dept. of EEE


04/09/22

External Examiner




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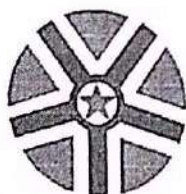
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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

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Kondapur (V), Ghatkesar (M), R.R. District-501301

2018-2022



CERTIFICATE


is to certify that the project report entitled "GRID INTERACTIVE SOLAR PV BASED
PUMPING USING BLDC MOTOR DRIVE" submitted by T. SUSHMA (18UP1A0216), T.SRILEKHA
(18UP1A0217), G.ANJALI (19UP5A0204) in partial fulfillment of the requirements for the award of the
degree of Bachelor of Technology in Electrical & Electronics Engineering to the VIGNAN'S
INSTITUTE OF MANAGEMENT AND TECHNOLOGY FOR WOMEN, KONDAPUR is a record of
hard work carried out by them under my guidance and supervision. The results embedded
in this project report have not been submitted in any other university for the award of any degree
and the results are achieved satisfactorily.


LANKA KIRAN KUMAR


Head of EEE department


Mr. LANKA KIRAN KUMAR

(Project Guide)


External Examination




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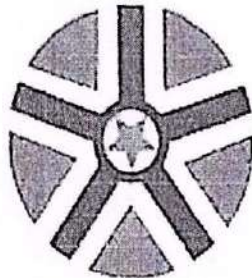
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FOR WOMEN

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

(Approved by AICTE & Affiliated to JNTUII)

Kondapur (V), Ghatkesar (M), Medchal District 501301

2021-2022



CERTIFICATE

This is to certify that the project report entitled "DEVELOPMENT OF ELECTRIC VEHICLE DYNAMICS FOR EVERITO USING VARIOUS DRIVE CYCLES" that is being submitted by J.NAVYA(18UP1A0207), M.SAI NANDINNI(18UP1A0212), B.HIMABINDU (19UP5A0201) in partial fulfillment for the award of the Bachelor of Technology in ELECTRICAL AND ELECTRONICS ENGINEERING to the Jawaharlal Nehru Technological University, is a record of bonafide work carried by them under my guidance and supervision. The results embodied in this project report have not been submitted to any other University or institute for the award of any degree and the results are achieved satisfactorily.

Mr L.KIRAN KUMAR

Head of EEE Department

EXTERNAL EXAMINER

Mr L.KIRAN KUMAR

INTERNAL GUIDE



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Department of Electronics and Communication Engineering

Admitted Batch: 2018

A.Y. 2021-2022

IV B.TECH-II SEM- MAJOR PROJECT LIST

IV ECE-A

S.No	Batch No	Roll Number	Student Name	Title Name	Guide Name
1	MJ18-A1	18UP1A0410	Gampala Madhuri	Contactless switch for Home Automation	Mrs. G Swathi
2		18UP1A0412	Gandhe Akanksha		
3		18UP1A0426	Kota Likhitha		
4		18UP1A0427	Kotha Swathi		
5	MJ18-A2	19UP5A0405	Boddireddy Ravali	Plant detection using yolo v2 deep learning algorithm	Mr. G. Ganesh Reddy
6		18UP1A0434	Aditi Sai		
7		18UP1A0446	Shaik Zeenath		
8	MJ18-A3	18UP1A0428	K. Sony	Low power and fast full adder by exploring new XOR and XNOR Gates	Mr. J. Sunil Kumar
9		18UP1A0425	Konamutla Jhansi		
10		18UP1A0408	Desham Srivani Reddy		
11	MJ18-A4	18UP1A0443	Pulusani Varshitha	Real time AMR and control of household energy meter with GSM communication	Mr. P. Hari Krishna
12		19UP5A0403	B. Jhansi		
13		18UP1A0430	Kunta Deepika		
14	MJ18-A5	19UP5A0401	Abraboina Saikumari	A blind watermarking technique using redundant wavelet transform for copyright protection	Dr. SK. Masthan Basha
15		18UP1A0452	Vuppugandla Sreeja		
16		18UP1A0431	Ladalla Pavani		



Principal
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17	MJ18-A6	19UP5A0404	Bathini Niveditha	Automatic colorization of black and white images using convolutional neural networks	Mrs. G. Susmitha
18		18UP1A0419	Sharanya		
19		18UP1A0447	S.Aishwarya		
20	MJ18-A7	18UP1A0403	Vaishnavi Arroju	CCTV motion detection with Alaram using opencv on raspberry pi	Mr. B. Vinod Kumar
21		18UP1A0424	Kancharla Sruthi		
22		18UP1A0429	K. Akhila		
23	MJ18-A8	18UP1A0435	Mitta Akshitha	ECG biometric authentication: A comparative analysis	Ms. N.Rajeshwari
24		18UP1A0405	B Sangeetha		
25		18UP1A0423	K.Haripriya		
26	MJ18-A9	18UP1A0445	Puja Reddy	Diabetic Diagnostic method based on Tongue image using various classifiers	Mr. Vijay Kumar R Urkude
27		18UP1A0432	Srividya		
28		18UP1A0437	Motamarri Meghana		
29		18UP1A0448	Sukka Sharanya		
30	MJ18-A10	18UP1A0417	Guntupalli Midhuna	8-bit ALU Design using m-GDI technique	Mr. J. Sunil Kumar
31		18UP1A0414	G Mounika		
32		18UP1A0420	Janagama Srividhya		
33	MJ18-A11	18UP1A0406	Chintakunta Rasagna	Lung cancer detection using Fuzzy clustering method & machine learning techniques	Dr. Raja Krishnamoorthy
34		18UP1A0450	Tanguturi Niharika		
35		18UP1A0422	Jonnalagadda Deepthi		
36	MJ18-A12	18UP1A0421	Akshara Jogiraju	Fast GPS Signal Acquisition Implementation in MATLAB for SDR Approach	Mr. Vijay Kumar R Urkude
37		18UP1A0413	Kavya Ganna		
38		18UP1A0402	Adusumilli Srilasya		
39		18UP1A0404	Mounika Bandari		
40	MJ18-A13	18UP1A0449	S.Amool Siri	Breast cancer prediction using Deep learning Technique	Ms. G.Susmitha
41		18UP1A0444	Jahnavi Reddy		
42		18UP1A0407	Dammannapeta Soujanya		
43		19UP5A0407	Gandhari Shailaja		



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44	MJ18-A14	18UP1A0433	Mounika	Design and implementation of high speed hybrid full adder by using 16nm	Mr. T. Pullaiah
45		18UP1A0409	Digajarla Snehitha		
46		19UP5A0402	Adepu Shivani		
47	MJ18-A15	18UP1A0453	Yelloju Sravani	Design and simulation of low power Wilson current mirror and single supply CMOS level shifter	Mr. E. Nagaraju
48		18UP1A0418	Gurugubelli Sushma		
49		18UP1A0436	Kusuma		
50	MJ18-A16	18UP1A0439	N Rupa Rani	Reversible data hiding methodology for secret communication based on ECG signal processing using MATLAB	Dr. Raja Krishna Moorthy
51		18UP1A0451	Manasa Veeramalla		
52		18UP1A0440	Shivani Reddy Nachu		
53		18UP1A0442	Peddi Aishwarya		
54	MJ18-A17	18UP1A0438	N.Gayathri	Self-reparable Multiplexer for fault tolerant systems	Mr. K. Ashok Reddy
55		18UP1A0401	Addanki Dharani		
56		18UP1A0415	Girineni Divya		

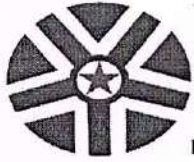

Project Coordinator


HOD-ECE

Head of the Department
Electronics and Communication Engineering
Vignan's Institute of Management and Technology For Women
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IV ECE-B

S.No	Batch No	Roll Number	Student Name	Title Name	Guide Name
1	MJ18-B1	18UP1A0481	M.Yoshitha	Validation of CMOS reversible logic gates of 16nm regime	Mrs. G Swathi
2		18UP1A0484	Pesaru Shivani		
3		18UP1A0480	M.Vasantha Laxmi		
4		18UP1A0463	Chalasanani.Sri Sai Bhuvaneswari		
5	MJ18-B2	18UP1A0467	Gurram Sravanthi	Generic food identification using marker controlled segmentation algorithm	Dr. SK. Masthan Basha
6		19UP5A0411	Nutenki Sindhu		
7		19UP5A0413	S. Akhila		
8		19UP5A0412	Keerthy		
9	MJ18-B3	19UP5A0410	N.Shirisha	Design and simulation of multistage hybrid full adder using CMOS 16nm technology	Mr. J. Sunil Kumar
10		18UP1A0499	Sudhagoni Sindhu		
11		18UP1A0487	Pappula.Varshitha		
12		17UP1A0492	S Sukeerthi		
13	MJ18-B4	18UP1A04A0	Shruthimadhuri Tenkasala	Object sorting automated system using raspberry pi	Mr. T.Pullaiah
14		18UP1A04A3	Yerra Sushmitha		
15		18UP1A04A2	Vuyyala Sreeja		
16	MJ18-B5	18UP1A04A1	Satvika Veeramreddy	RF Controlled fire fighting robot with high pressure watersprinkler	Mr. Ch. Naresh
17		18UP1A0488	Rashmitha Peddi		
18		18UP1A0456	B.Soumya		
19	MJ18-B6	18UP1A0469	Jakka Keerthi Reddy	IoT based Smart Grbage Monitoring System with solar cell	Ms. N.Rajeshwari
20		18UP1A0468	Jakka Deepthi Reddy		
21		18UP1A0483	Poduri Meher Seshasree		
22		18UP1A0473	Rupa Kodali		
23	MJ18-B7	18UP1A0486	P.N.V.Vyshnavi	STS System: Sign to Speech and Text ,Speech to sign and text, and text to speech and sign converter using DNN	Mr. G. Ganesh Reddy




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24	MJ18-B8	19UP5A0408	K Renuka	A three stage comparator and its modified version with high speed and low kickback	Mr. T. Pullaiah
25		18UP1A0496	Santi Sreeja Reddy		
26		18UP1A0459	B.Abhighna		
27	MJ18-B9	19UP5A0414	Voruganti Akanksha	Design and validation of low power high speed hybrid logic 5-32 using 2-4 decoders line decoders	Mr. J. Sunil Kumar
28		18UP1A0466	Lakshmi Prasanna Gummadeela		
29		18UP1A0492	P.Anvitha		
30	MJ18-B10	18UP1A0482	Nandyala Varshitha	Breast cancer prediction using achine learning algorithm	Dr. Raja Krishna moorthy
31		18UP1A0454	Arshia Jabeen		
32		18UP1A0479	M. Apoorva		
33	MJ18-B11	18UP1A0493	Pothuganti Madhunitha	Advance vehicle detection and auto penalty collection by using IOT	Mrs. G. Susmitha
34		18UP1A0471	K.Pooja		
35		18UP1A0458	Boddireddy Sai Ashritha		
36	MJ18-B12	18UP1A0460	Boggula Venkata Krishna	Real time face recognition and door access control system	Mr. G. Ganesh Reddy
37		18UP1A0495	Prananjali Reddy		
38		18UP1A0462	C.Kavya Sree		
39	MJ18-B13	18UP1A0472	Divya Sri Sai Durga Kari	High Speed hybrid logic full adder using high performance 10-T-XOR-XNOR cell	Mrs. M. Radhika Goud
40		18UP1A0498	Sravya Savirigam		
41		18UP1A0477	Malkeyagaru Sathwika Reddy		
42	MJ18-B14	18UP1A0476	Kurremula Sai Sowjanya	Face Mask Detection using Image Processing	Mr. Vijay Kumar R Urkude
43		18UP1A0464	C. Tejaswini		
44		18UP1A0494	P. Sravani		
45	MJ18-B15	18UP1A0490	Bhoomika	Automatic irrigation utility system	Mr. E. Nagaraju
46		18UP1A0461	Borra Likitha		
47		18UP1A0489	Pravalika Peddireddy		
48	MJ18-B16	18UP1A0465	Gadusu Navya	Smart voting system using fingerprint recognition	Dr. Masthan Basha
49		19UP5A0409	Nimma Jhansi		




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50		18UP1A0475	Bhavana Koppula		
51	MJ18-B17	18UP1A0457	Motupalli Bhavana Sai Priya	IoT based automatic solar grass cutter using scalable patterns	Mr. P. Hari Krishna
52		18UP1A0478	Shresta Mandala		
53		18UP1A0455	A.Sindhuja		
54		18UP1A0474	Kola Snigdha		
55	MJ18-B18	18UP1A0497	Navya Sri Saranga	Localization of neoplasm information in brain tumor images using neural networks classification in medical images	Dr. Raja Krishna moorthy
56		18UP1A0491	Pochampalli Harini		

Project Coordinator

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Head of the Department
Electronics and Communication Engineering
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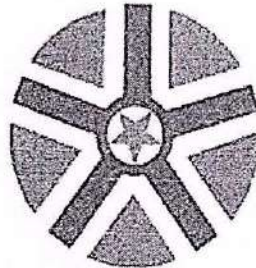
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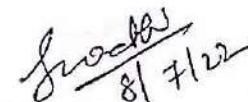


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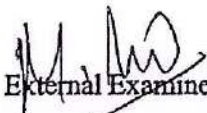
This is to certify that the project report entitled "CONTACTLESS HOME AUTOMATION" that is being submitted by G.MADHURI(18UP1A0410),G.AKANKSHA(18UP1A0412), K.LIKHITHA(18UP1A0426),K.SWATHI(18UP1A0427)in partial fulfillment for the award of the Bachelor of Technology in ELECTRONICS AND COMMUNICATION ENGINEERING to the Jawaharlal Nehru Technological University, is a record of bonafide work carried by her under my guidance and supervision. The results embodied in this project report have not been submitted to any other University or institute for the award of any degree.


Mr. P. Hari Krishna

Head of Department
Department
Electronics and Communication Engineering
Vignans Institute of Management and Technology for Women
Kondapur (V), Ghatkesar (M), R.R. Dist-501301


8/7/22
Guide Name

Mrs. Swathi Gangula


External Examiner



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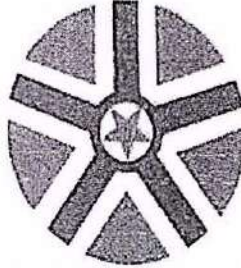

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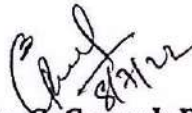



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This is to certify that the project report entitled “PLANT DETECTION USING YOLOV2 DEEP LEARNING ALGORITHM” that is being submitted by SK.ZEENATH(18UP1A0446), MLADITI SAI(18UP1A0434), B.RAVALI(19UP5A0405) in partial fulfillment for the award of the Bachelor of Technology in ELECTRONICS AND COMMUNICATION ENGINEERING to the Jawaharlal Nehru Technological University, is a record of bonafide work carried by her under my guidance and supervision. The results embodied in this project report have not been submitted to any other University or institute for the award of any degree.


Mr. P. Hari Krishna
Head of Department

Head of the Department
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Mr. G. Ganesh Reddy
Internal Guide


External Examiner



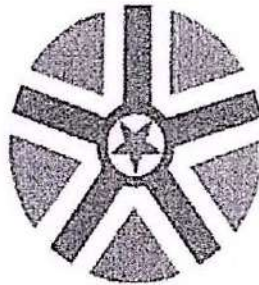

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This is to certify that the project report entitled “LOW-POWER AND FAST FULL ADDER BY EXPLORING NEW XOR AND XNOR GATES” that is being submitted by D.Srivani(18UP1A0408), K.Jhansi(18UP1A0425), K.Sony(18UP1A0428) in partial fulfillment for the award of the Bachelor of Technology in ELECTRONICS AND COMMUNICATION ENGINEERING to the Jawaharlal Nehru Technological University, is a record of bonafide work carried by her under my guidance and supervision. The results embodied in this project report have not been submitted to any other University or institute for the award of any degree.


Mr. P. Hari Krishna
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Head of the Department
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Guide Name
J. SUNIL KUMAR


External Examiner


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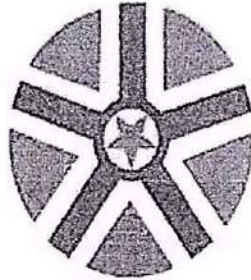


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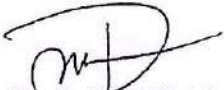
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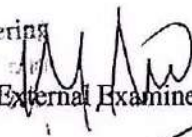


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This is to certify that the project report entitled "Real Time AMR and Control of Household Energy Meter with GSM communication" that is being submitted by P.Varshitha(18UP1A0443) K.Deepika(18UP1A0430), B.Jhansi(19UP1A0403) in partial fulfillment for the award of the Bachelor of Technology in ELECTRONICS AND COMMUNICATION ENGINEERING to the Jawaharlal Nehru Technological University, is a record of bonafide work carried by them under my guidance and supervision. The results embodied in this project report have not been submitted to any other University or Institute for the award of any degree.


Mr. P. Hari Krishna
Head of Department


Mr. P. Hari Krishna
INTERNAL GUIDE

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Electronics and Communication Engineering
Vignans Institute of Management and Technology
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External Examiner




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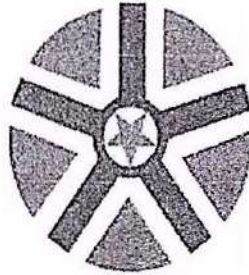
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This is to certify that the project report entitled "A BLIND WATERMARKING TECHNIQUE USING REDUNTANT WAVELET TRANSFORM FOR COPYRIGHT PROTECTION" that is being submitted by Ladalla Pavani (18UP1A0431), Vuppugandla Sreeja (18UP1A0452), Abraboina Sai Kumari (19UP5A0401) in partial fulfilment for the award of the Bachelor of Technology in ELECTRONICS AND COMMUNICATION ENGINEERING to the Jawaharlal Nehru Technological University, is a record of bonafide work carried by them under my guidance and supervision. The results embodied in this project report have not been submitted to any other University or institute for the award of any degree.

Mr. P. Hari Krishna

Head of Department

Head of Department
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Dr. SK Masthan Basha

Internal Guide

External Examiner



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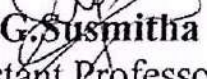
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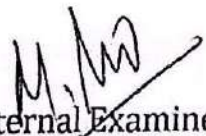
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This is to certify that the project report entitled "AUTOMATIC COLORIZATION OF BLACK AND WHITE IMAGES USING CONVOLUTIONAL NEURAL NETWORKS" that is being submitted by S.AISHWARYA(18UP1A0447),B.NIVEDITHA(19UP5A0404),J.SHARANYA(18UP1A0419) in partial fulfillment for the award of the Bachelor of Technology in ELECTRONICS AND COMMUNICATION ENGINEERING to the Jawaharlal Nehru Technological University, is a record of bonafide work carried by them under my guidance and supervision. The results embodied in this project report have not been submitted to any other University or institute for the award of any degree.


Mrs G. Susmitha
Assistant Professor
Internal Guide


Mr P. Hari Krishna
Head of Department
Head of the Department
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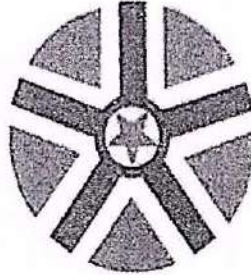

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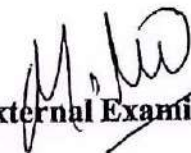
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This is to certify that the project report entitled “ CCTV MOTION DETECTION WITH ALARM USING OPENCV ON RASPBERRY PI” that is being submitted by A.VAISHNAVI (18UPIA0403),K.SRUTHI(18UPIA0424) ,K.AKHILA (18UPIA0429) in partial fulfillment for the award of the Bachelor of Technology in ELECTRONICS AND COMMUNICATIONENGINEERING to the Jawaharlal Nehru Technological University, is a record of bonafide work carried by her under my guidance and supervision. The results embodied in this project report have not been submitted to any other University or institute for the award of any degree.


Mr. P. Hari Krishna
Head of Department


Mr. B. VINOD KUMAR
Internal Guide

Head of Department
Electronics and Communication Engineering
Vignans Institute of Management and Technology for Women
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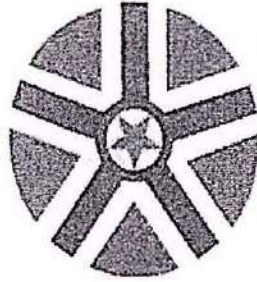

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This is to certify that the project report entitled "ECG biometric authentication: a comparative analysis" that is being submitted K.Haripriya (18UP1A0423), Mitta Akshitha (18UP1A0435), B. Sangeetha (18UP1A0405) in partial fulfillment for the award of the Bachelor of Technology in ELECTRONICS AND COMMUNICATION ENGINEERING to the Jawaharlal Nehru Technological University, is a record of bonafide work carried by her under my guidance and supervision.

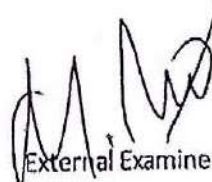
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Mr. P. Hari Krishna

Head of the Department
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Nutakki Rajeswari

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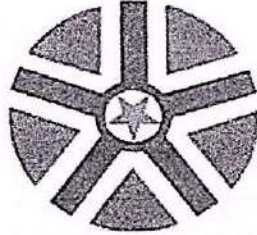


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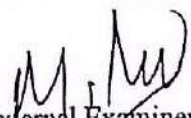
This is to certify that the project report entitled “DIABETES DIAGNOSTIC METHODBASED ON TONGUE IMAGE USING VARIOUS CLASSIFIERS” that is being submitted by M.MEGHANA (18UP1A0437), M.SRIVIDYA (18UP1A0432), S.POOJA (18UP1A0445), S. SHARANYA (18UP1A0448) in partial fulfillment for the award of the Bachelor of Technology in ELECTRONICS AND COMMUNICATION ENGINEERING to the Jawaharlal Nehru Technological University, is a record of bonafide work carried by them under my guidance and supervision. The results embodied in this project report have not been submitted to any other University or Institute for the award of any degree.


Mr. P. HARI KRISHNA

Head of Department
Head of the Department
Electronics and Communication Engineering
Vignans Institute of Management and Technology for Women
Kondapur (V), Ghatkesar (M), R.R. Dist-501 301.


Mr. Vijaykumar R. Urkude

Internal Guide


External Examiner




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Kondapur(V),Ghatkesar(M),Medchal-Malkajgiri(DL)-501301
Telangana State

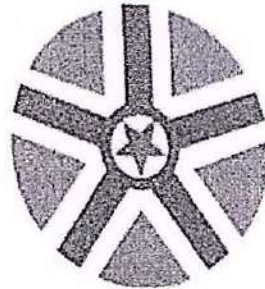
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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

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Kondapur (V), Ghatkesar (M), Medchal District - 501301

2018-2022



CERTIFICATE

This is to certify that the project report entitled "8-Bit ALU Design using m-GDI Technique" that is being submitted by GUNTUPALLI MIDHUNA (18UP1A0417), GATTU MOUNIKA (18UP1A0414), JANAGAMA SRI VIDHYA (18UP1A0420) in partial fulfillment for the award of the Bachelor of Technology in ELECTRONICS AND COMMUNICATION ENGINEERING to the Jawaharlal Nehru Technological University, is a record of bonafide work carried by her under my guidance and supervision. The results embodied in this project report have not been submitted to any other University or institute for the award of any degree.

Mr. P. Hari Krishna

Head of Department
Head of the Department
Electronics and Communication Engineering
Vignans Institute of Management and Technology for Women
Kondapur (V), Ghatkesar (M), R.R. Dist-501 301

Mr. J. Sunil Kumar
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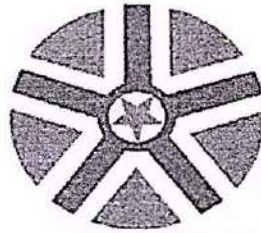


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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
(Approved by AICTE, NEW DELHI & Affiliated to JNTU, HYDERABAD) Kondapur (V),
Ghatkesar (M), Medchal-Malkajgiri District – 501301

2018-2022



CERTIFICATE

This is to certify that the project report entitled "LUNG CANCER DETECTION BY USING FUZZY CLUSTERING METHOD & MACHINE LEARNING TECHNIQUES" that is being submitted by T.NIHARIKA (18UP1A0450), J.DEEPTHI (18UP1A0422), CH.RASAGNA (18UP1A0406) in partial fulfillment for the award of the Bachelor of Technology in ELECTRONICS AND COMMUNICATION ENGINEERING to the Jawaharlal Nehru Technological University, is a record of bonafide work carried by them under my guidance and supervision. The results embodied in this project report have not been submitted to any other University or institute for the award of any degree.

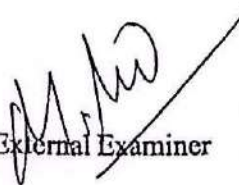

Mr. P. HARI KRISHNA

Head of Department

Head of the Department
Department of Electronics and Communication Engineering
Vignan's Institute of Management and Technology for Women
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Dr. Raja Krishna Moorthy

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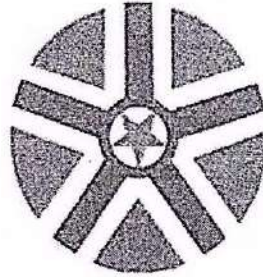


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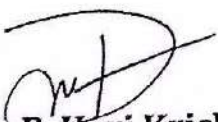
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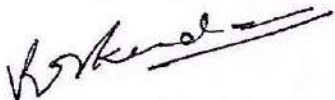


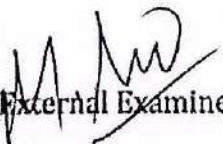
CERTIFICATE

This is to certify that the project report entitled "FAST GPS Signal Acquisition Implementation in MATLAB for SDR Approach" that is being submitted by Adusumilli SriLasya (18UP1A0402), Bandari Mounika (18UP1A0404), Ganna Kavya (18UP1A0413) and Jogiraju Akshara (18UP1A0421) in partial fulfillment for the award of the Bachelor of Technology in ELECTRONICS AND COMMUNICATION ENGINEERING to the Jawaharlal Nehru Technological University, is a record of bonafide work carried by them under my guidance and supervision. The results embodied in this project report have not been submitted to any other University or Institute for the award of any degree.


Mr. P. Hari Krishna
Head of Department

Head of Department
Electronics and Communication Engineering
Vignans Institute of Management and Technology for Women
Kondapur (V), Ghatkesar (M), R.R. Dist-501 301


Mr. Vijaykumar R. Urkude
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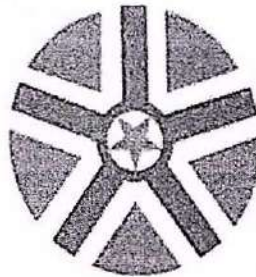

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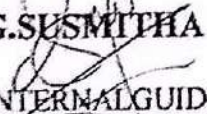
Kondapur (V), Ghatkesar (M), Medchal District – 501301

2018-2022




CERTIFICATE

This is to certify that the project report entitled "BREAST CANCER PREDICTION USING DEEP LEARNING TECHNIQUE" that is being submitted by R.JAHNAVI REDDY (18UPIA444), S.AMOOLSIRI (18UPIA0449), D.SOUJANYA (18UPIA0407), G.SHAILAJA (19UP5A0407) in partial fulfillment for the award of the Bachelor of Technology in ELECTRONICS AND COMMUNICATION ENGINEERING to the Jawaharlal Nehru Technological University, is a record of bonafide work carried by her under my guidance and supervision. The results embodied in this project report have not been submitted to any other University or institute for the award of any degree.


G.SUSMITHA
INTERNAL GUIDE


Mr. P. Hari Krishna

HEAD OF THE DEPT.
Electronics and Communication Engineering
Vignans Institute of Management and Technology for Women
Kondapur (V), Ghatkesar (M), R.R. Dist-501301


External Examiner




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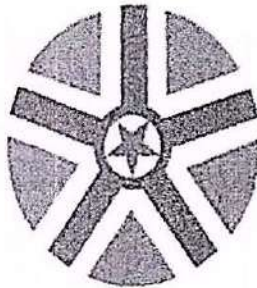
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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

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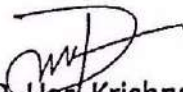
Kondapur (V), Ghatkesar (M), Medchal District – 501301

2018-2022




CERTIFICATE


This is to certify that the project report entitled "DESIGN AND IMPLEMENTATION OF HIGH-SPEED HYBRID FULL ADDER BY USING 16nm" that is being submitted by **ADEPU SHIVANI (19UP5A0402), DIGAJARLA SNEHITHA (18UP1A0409), MALAMANTI MOUNIKA (18UP1A0433)** in partial fulfillment for the award of the **Bachelor of Technology in ELECTRONICS AND COMMUNICATION ENGINEERING** to the Jawaharlal Nehru Technological University, is a record of bonafide work carried by her under my guidance and supervision. The results embodied in this project report have not been submitted to any other University or institute for the award of any degree.


Mr. P. Hari Krishna
Associate professor, HOD ;(Ph. D)

Head of Department
Head of the Department
Electronics and Communication Engineering
Vignans Institute of Management and Technology for Women
Kondapur (V), Ghatkesar (M), R.R. Dist-501 301


MR. J. PULLAIAH
Associate professor, M. Tech; (Ph. D)

Internal Guide


External Examiner

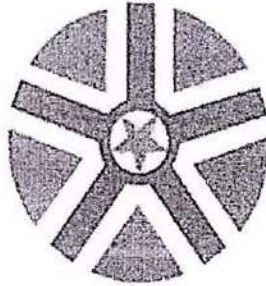



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(V), Ghatkesar (M), Medchal District – 501301

2018-2022



CERTIFICATE

This is to certify that the project report entitled "DESIGN AND SIMULATION OF LOW POWER WILSON CURRENT MIRROR AND SINGLE SUPPLY CMOS LEVEL SHIFTER" that is being submitted by M. KUSUMA (18UP1A0436), G. SUSHMA (18UP1A0418), Y. SRAVANI (18UP1A0453) in partial fulfillment for the award of the Bachelor of Technology in ELECTRONICS AND COMMUNICATION ENGINEERING to the Jawaharlal Nehru Technological University, is a record of bonafide work carried by her under my guidance and supervision. The results embodied in this project report have not been submitted to any other University or institute for the award of any degree.

Mr. P. Hari Krishna
Head of Department
Electronics and Communication Engineering
Vignani's Institute of Management and Technology for Women
Kondapur (V), Ghatkesar (M), R.R. Dist-501 301

E. Nagaraju
Internal Guide

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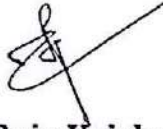
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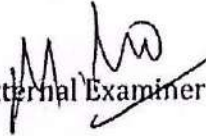


CERTIFICATE


This is to certify that the project report entitled "REVERSIBLE DATA HIDING METHODOLOGY FOR SECRET COMMUNICATION BASED ON ECG SIGNAL PROCESSING USING MATLAB" that is being submitted by N.RUPARANI(18UP1A0439),N.SHIVANI(18UP1A0440),P.AISHWARYA(18UP1A0442),V.MANASA(18UP1A0451)in partial fulfillment for the award of the Bachelor of Technology in ELECTRONICS AND COMMUNICATION ENGINEERING to the Jawaharlal Nehru Technological University, is a record of bonafide work carried by her under my guidance and supervision. The results embodied in this project report have not been submitted to any other University or institute for the award of any degree.


Mr. P. Hari Krishna
Head of Department


Dr. Raja Krishna Moorthy
Internal Guide

Head of the Department
Electronics and Communication Engineering
Vignans Institute of Management and Technology for Women
Kondapur (V), Ghatkesar (M), R.R. Dist-501 301 External Examiner




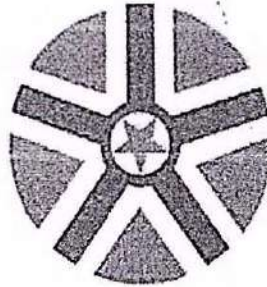

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

(Approved by AICTE & Affiliated to JNTUII)

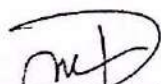
Kondapur (V), Ghatkesar (M), Medchal District – 501301

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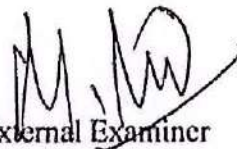
CERTIFICATE

This is to certify that the project report entitled “SELF REPAIRABLE MULTIPLEXER FOR FAULT TOLERANT SYSTEMS” that is being submitted by ADDANKI DHARANI (18UP1A401), G.DIVYA (18UP1A0415), N.GAYATHRI (18UP1A0438) in partial fulfillment for the award of the Bachelor of Technology in ELECTRONICS AND COMMUNICATION ENGINEERING to the Jawaharlal Nehru Technological University, is a record of bonafide work carried by her under my guidance and supervision. The results embodied in this project report have not been submitted to any other University or institute for the award of any degree.


Mr. P. Hari Krishna
Head of Department

Head of the Department
Electronics and Communication Engineering
Vignans Institute of Management & Technology for Women
Kondapur (V), Ghatkesar (M), Medchal District - 501301


Mr. K. Ashok Reddy
Internal Guide

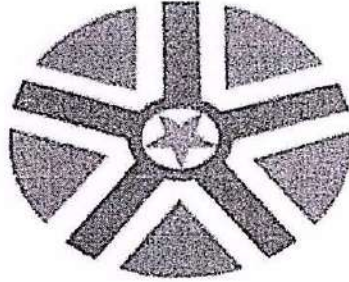

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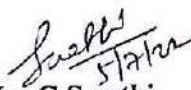
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
(Approved by AICTE & Affiliated to JNTUH) Kondapur (V) Ghatkesar (M),
Medchal District - 2018-2022)



CERTIFICATE

This is to certify that the project report entitled "VALIDATION OF CMOS REVERSIBLE LOGIC GATES OF 16nm REGIME" that is being submitted by M. Yoshitha^(u8), M. Vasantha^(u80), P. Shivani^(u8w), Ch. Sri Sai Bhuvaneshwari^(u63) in partial fulfillment for the award of the Bachelor of Technology in ELECTRONICS AND COMMUNICATION ENGINEERING to the Jawaharlal Nehru Technological University, is a record of bonafide work carried by her under my guidance and supervision. The results embodied in this project report have not been submitted to any other University or institute for the award of any degree.


Mr. P. Hari Krishna
Head of Department


Mrs. G. Swathi
Internal Guide

Head of the Department
Electronics and Communication Engineering
Vignans Institute of Management and Technology
Kondapur (V), Ghatkesar (M), R.R. Dist. Medchal
Malkajgiri (Dt.)
Pin-501301
(T.S.)


External Examiner



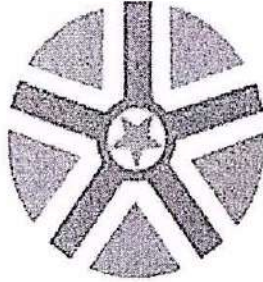

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

(Approved by AICTE & Affiliated to JNTUHH)

Kondapur (V), Ghatkesar (M), Medchal District – 501301

2018-2022



CERTIFICATE

This is to certify that the project report entitled "GENERIC FOOD IDENTIFICATION USING MARKER SEGMENTATION ALGORITHM" that is being submitted by G.Sravanthi(18UP1A0467),N.Sindhu(19UP5A0411),P.Keerthy(19UP5A0412),S.Akhila(19UP5A0413) in partial fulfillment for the award of the Bachelor of Technology in ELECTRONICS AND COMMUNICATION ENGINEERING to the Jawaharlal Nehru Technological University, is a record of bonafide work carried by her under my guidance and supervision. The results embodied in this project report have not been submitted to any other University or institute for the award of any degree.

Mr. P. Hari Krishna
Associate Professor

Head of Department

Head of the Department
Electronics and Communication Engineering
Vignans Institute of Management & Technology For Women
Kondapur (V), Ghatkesar (M), Medchal District-501301

Dr. SK Masthan Basha
Assistant Professor

Internal Guide

External Examiner

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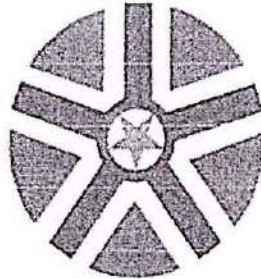
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Kondapur (V), Ghatkesar (M), Medchal District – 501301

2018-2022




CERTIFICATE

This is to certify that the project report entitled “ DESIGN AND SIMULATION OF MULTISTAGE HYBRID FULLADDER USING CMOS 16nm TECHNOLOGY” that is being submitted by S.SUKEERTHI (17UP1A0492) ,P.VARSHITHA (18UP1A0487),S.SINDHU (18UP1A0499), N.SHIRISHA (19UP5A0410), in partial fulfillment for the award of the BACHELOR OF TECHNOLOGY IN ELECTRONICS AND COMMUNICATION ENGINEERING to the Jawaharlal Nehru Technological University, is a record of bonafide work carried by her under my guidance and supervision. The results embodied in this project report have not been submitted to any other University or institute for the award of any degree.


Mr. P. Hari Krishna

Head of Department

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Kondapur (V), Ghatkesar (M), R.R. Dist-501301


Mr. J. Sunil Kumar

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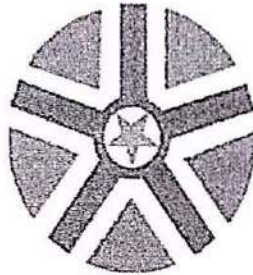
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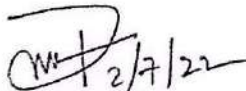
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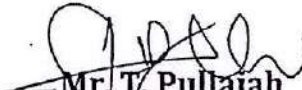


CERTIFICATE

This is to certify that the project report entitled "Object Sorting Automated System using Raspberry Pi" that is being submitted by T. Shruthi madhuri (18UP1A04A0) , V.Sreeja (18UP1A04A2) , Y..Sushmitha (18UP1A04A3) in partial fulfillment for the award of the Bachelor of Technology in ELECTRONICS AND COMMUNICATION ENGINEERING to the Jawaharlal Nehru Technological University, is a record of bonafide work carried by her under my guidance and supervision. The results embodied in this project report have not been submitted to any other University or institute for the award of any degree.


Mr. P. Hari Krishna
Head of Department

Head of the Department
Electronics and Communication Engineering
Vignan's Institute of Management and Technology
Kondapur (V), Ghatkesar (M), Medchal District - 501301


Mr. T. Pullaiah
Internal Guide


External Examiner



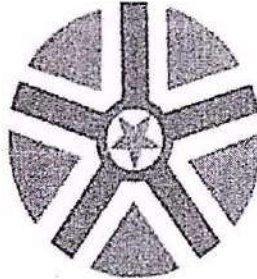

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Kondapur (V), Ghatkesar (M), Medchal District – 501301

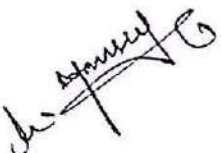
2018-2022




CERTIFICATE

This is to certify that the project report entitled “RF CONTROLLED FIRE FIGHTING ROBOT WITH HIGH PRESSURE WATER SPRINKLER” that is being submitted by P. RASHMITHA (18UP1A0488), SATVIKA VEERAMREDDY (18UP1A04A1), B. SOUMYA (18UP1A0456) in partial fulfillment for the award of the Bachelor of Technology in ELECTRONICS AND COMMUNICATION ENGINEERING to the Jawaharlal Nehru Technological University, is a record of bonafide work carried by them under my guidance and supervision. The results embodied in this project report have not been submitted to any other University or institute for the award of any degree.


Mr. P. Hari Krishna
Head of Department
Head of the Department
Electronics and Communication Engineering
Vignans Institute of Management and Technology for Women
Kondapur (V), Ghatkesar (M), R.R. Dist-501 301


Mr. Ch. Naresh
Internal Guide




External Examiner

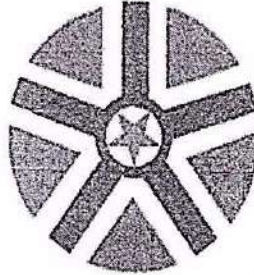

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Telangana State

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

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2018-2022



CERTIFICATE

This is to certify that the project report entitled "IOT BASED SMART GARBAGE MONITORING SYSTEM WITH SOLAR CELL" that is being submitted by J. DEEPTHI (18UPIA0468) , J. KEERTHI (18UPIA0469) , RUPA KODALI (18UPIA0473) , P.MEHER SESHASREE (18UPIA0483) in partial fulfillment for the award of the Bachelor of Technology in ELECTRONICS AND COMMUNICATION ENGINEERING to the Jawaharlal Nehru Technological University, is a record of Bonafide work carried by them under my guidance and supervision. The results embodied in this project report have not been submitted to any other University or institute for the award of any degree.


Mr. P. Hari Krishna
Head of Department


Mrs. NUTTAKI RAJESWARI
Internal Guide

Head of the Department
Electronics and Communication Engineering
Vignans Institute of Management and Technology for Women
Kondapur (V), Ghatkesar (M), R.R. Dist-501 301


External Examiner



PRINCIPAL
Vignans Institute of Management & Technology For Women
Kondapur(V),Ghatkesar(M),Medchal-Maikalgiri(Dt)-501301
Telangana State

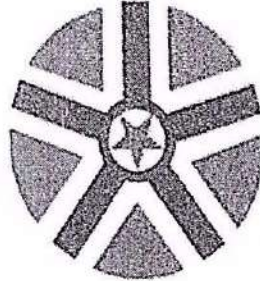


VIGNAN'S INSTITUTE OF MANAGEMENT AND TECHNOLOGY FOR WOMEN
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

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Kondapur (V), Ghatkesar (M), Medchal District – 501301

2018-2022



CERTIFICATE

This is to certify that the project report entitled “STS System: A Sign to Speech and Text, Speech to Sign and Text, and Text to Speech and Sign Converter using DNN” that is being submitted by P.N.V.VYSHNAVI (18UP1A0486) in partial fulfillment for the award of the Bachelor of Technology in ELECTRONICS AND COMMUNICATION ENGINEERING to the Jawaharlal Nehru Technological University, is a record of bonafide work carried by her under my guidance and supervision. The results embodied in this project report have not been submitted to any other University or institute for the award of any degree.

Mr. P. Hari Krishna
Head of Department

Head of the Department
Electronics and Communication Engineering
Vignans Institute of Management and Technology for Women
Kondapur (V), Ghatkesar (M), R.R. Dist-501301

Mr. G. Ganesh Reddy
Internal Guide

External Examiner

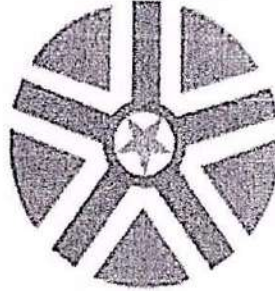


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Telangana State

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TECHNOLOGY FOR WOMEN
DEPARTMENT OF ELECTRONICS AND COMMUNICATION
ENGINEERING

(Approved by AICTE & Affiliated to JNTUII)
Kondapur (V), Ghatkesar (M), Medchal District – 501301


2018-2022




CERTIFICATE

This is to certify that the project report entitled "A THREE STAGE COMPARATOR AND ITS MODIFIED VERSION WITH HIGH SPEED AND LOW KICKBACK" that is being submitted by K. RENUKA (19UP5AO408), S. SREEJA (18UP1A0496), B. ABHIGHNA (18UP1A0459) in partial fulfillment for the award of the Bachelor of Technology in ELECTRONICS AND COMMUNICATION ENGINEERING to the Jawaharlal Nehru Technological University, is a record of bonafide work carried by his under my guidance and supervision. The results embodied in this project report have not been submitted to any other University or institute for the award of any degree.


Mr. P. Hari Krishna
Head of Department
Head of the Department
Electronics and Communication Engineering
Vignans Institute of Management and Technology for Women
Kondapur (V), Ghatkesar (M), Medchal District - 501301


Mr. T. Pullaiah
Internal guide


External Examiner

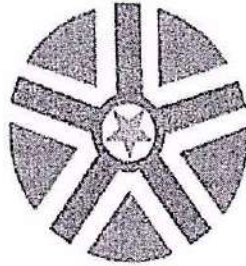



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Telangana State

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WOMEN
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

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Kondapur (V), Ghatkesar (M), Medchal District – 501301

2018-2022

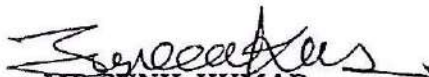


CERTIFICATE

This is to certify that the project report entitled “Design and Validation of Low Power High Speed Hybrid Logic 5-32 Using 2-4 Decoders Line Decoders” that is submitted by P.ANVITHA(18UP1A0492),G.LAKSHMIPRASANNA(18UP1A0466),V.AKANKSH A(19UP5A0414) in partial fulfillment for the award of the Bachelor of Technology in ELECTRONICS AND COMMUNICATION ENGINEERING to the Jawaharlal Nehru Technological University, is a record of bonafide work carried by her under my guidance and supervision. The results embodied in this project report have not been submitted to any other University or institute for the award of any degree.


MR. P. Hari Krishna
Head of Department

Head of the Department
Electronics and Communication Engineering
Vignans Institute of Management and Technology for Women
Kondapur (V), Ghatkesar (M), R.R. Dist-501301 External Examiner


MR. SUNIL KUMAR
Internal guide name


PRINCIPAL
Vignans Institute of Management & Technology For Women
Kondapur(V), Ghatkesar(M), Medchal-Malkajgiri(Dt)-501301
Telangana State



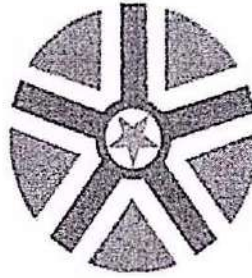
VIGNAN'S INSTITUTE OF MANAGEMENT AND TECHNOLOGY FOR WOMEN

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

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Kondapur (V), Ghatkesar (M), Medchal District – 501301

2018-2022




CERTIFICATE


This is to certify that the project report entitled “BREAST CANCER PREDICTION USING MACHINE LEARNING ALGORITHM (RANDOM FOREST, DECISION TREE, LOGISTIC REGRESSION)” that is being submitted by Arshia Jabeen(18UP1A0454), N.Varshitha(18UP1A0482), M.Apoorve(18UP1A0479) in partial fulfillment for the award of the Bachelor of Technology in ELECTRONICS AND COMMUNICATION ENGINEERING to the Jawaharlal Nehru Technological University, is a record of bonafide work carried by her under my guidance and supervision. The results embodied in this project report have not been submitted to any other University or institute for the award of any degree.


Mr. P. Hari Krishna

Head of Department
Head of the Department

Electronics and Communication Engineering
Vignans Institute of Management and Technology for Women
Kondapur (V), Ghatkesar (M), R.R. Dist-501301


External Examiner


Dr. Raja Krishna Moorthy
Guide Name



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Telangana State

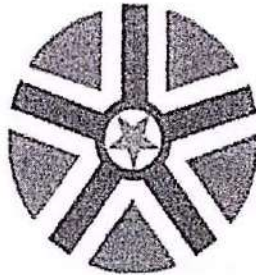


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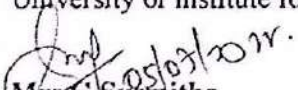
Kondapur (V), Ghatkesar (M), Medchal District – 501301

2018-2022



CERTIFICATE

This is to certify that the project report entitled "ADVANCED VEHICLE DETECTION AND AUTO PENALTY COLLECTION BY USING IOT" that is being submitted by K. Pooja (18UP1A0471), P. Madhunitha (18UP1A0493), B. Sai Ashritha (18UP1A0458) in partial fulfillment for the award of the Bachelor of Technology in ELECTRONICS AND COMMUNICATION ENGINEERING to the Jawaharlal Nehru Technological University, is a record of bonafide work carried by them under my guidance and supervision. The results embodied in this project report have not been submitted to any other University or institute for the award of any degree.


Mrs. S. Susmitha
Internal Guide


Mr. P. Hari Krishna
Head of Department

Head of the Department
Electronics and Communication Engineering
Vignans Institute of Management & Technology For Women
Kondapur (V), Ghatkesar (M), Medchal District - 501301


External Examiner





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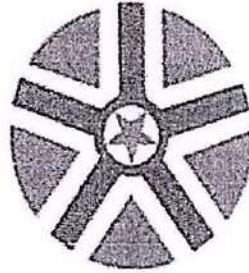
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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

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Kondapur (V), Ghatkesar (M), Medchal District - 501301

2018-2022



CERTIFICATE

This is to certify that the project report entitled "REAL TIME FACE RECOGNITION AND DOOR ACCESS CONTROL SYSTEM" that is being submitted by C.KAVYASREE (18UPIA0462), P.PRANANJALI REDDY (18UPIA0495), B.VENKATA KRISHINA (18UPIA0460) in partial fulfillment for the award of the Bachelor of Technology in ELECTRONICS AND COMMUNICATION ENGINEERING to the Jawaharlal Nehru Technological University, is a record of bonafide work carried by her under my guidance and supervision. The results embodied in this project report have not been submitted to any other University or institute for the award of any degree.

Mr. P. Hari Krishna
Head of Department

Head of the Department
Electronics and Communication Engineering
Vignans Institute of Management & Technology for Women
Kondapur (V), Ghatkesar (M), Medchal District - 501301

Mr. G. Ganesh Reddy
Internal Guide

External Examiner

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Telangana State

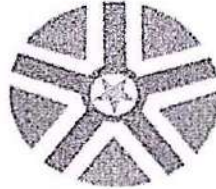


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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

(Approved by AICTE & Affiliated to JNTUH)


Kondapur (V), Ghatkesar (M), Medchal (Dist.) - 501301.

2018-2022




CERTIFICATE

This is to certify that the project report entitled "High-Speed Hybrid-Logic Full Adder Using High-Performance 10-T XOR-XNOR Cell that is being submitted by K.DIVYASRI SAI DURGA (18UP1A0472), S.SRAVYA(18UP1A0498), M.SATHWIK (18UP1A0477), in partial fulfillment for the award of the Bachelor of Technology in ELECTRONICS AND COMMUNICATION ENGINEERING to the Jawaharlal Nehru Technological University, is a record of bonafide work carried by her under my guidance and supervision. The results embodied in this project report have not been submitted to any other University or institute for the award of any degree.


Mr. P. Hari Krishna
Head of Department

Head of the Department
Electronics and Communication Engineering
Vignan's Institute of Management and Technology for Women
Kondapur (V), Ghatkesar (M), R.R. Dist-501301


Mrs. Radhika
ASSISTANT PROFESSOR
Internal Guide


External Examiner




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Telangana State

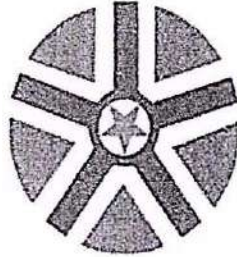
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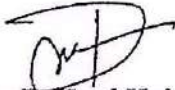
Kondapur (V), Ghatkesar (M), Medchal District – 501301

2018-2022




CERTIFICATE

This is to certify that the project report entitled "FACE MASK DETECTION USING IMAGE PROCESSING" that is being submitted by P. Sravani (18UPIA0494), K. Sai Sowjanya (18UPIA0476) and C. Teajswini(18UPIA0464) in partial fulfillment for the award of the Bachelor of Technology in ELECTRONICS AND COMMUNICATION ENGINEERING to the Jawaharlal Nehru Technological University, is a record of bonafide work carried by them under my guidance and supervision. The results embodied in this project report have not been submitted to any other University or Institute for the award of any degree.


Mr. P. Hari Krishna

Head of Department
Head of the Department
Electronics and Communication Engineering
Vignans Institute of Management and Technology for Women
Kondapur (V), Ghatkesar (M), R.R. Dist-501301


Mr. Vijaykumar R. Urkude
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External Examiner




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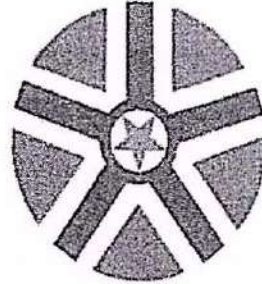
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Telangana State

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

(Approved by AICTE & Affiliated to JNTUH)

Kondapur (V), Ghatkesar (M), Medchal District – 501301

2018-2022



CERTIFICATE

This is to certify that the project report entitled "AUTOMATIC IRRIGATION UTILITY SYSTEM" that is being submitted by P. BHOMIKA (18UPIA0490), B. LIKITHA (18UPIA0461), P. PRAVALIKA (18UPIA0489), in partial fulfillment for the award of the Bachelor of Technology in ELECTRONICS AND COMMUNICATION ENGINEERING to the Jawaharlal Nehru Technological University, is a record of bonafide work carried by them under my guidance and supervision. The results embodied in this project report have not been submitted to any other University or institute for the award of any degree.

Mr. P. Hari Krishna
Head of Department
Department of Electronics and Communication Engineering
Vignan's Institute of Management and Technology for Women
Kondapur (V), Ghatkesar (M), R.K. Dist-501301

Mr. E. Nagaraju
Internal Guide

External Examiner



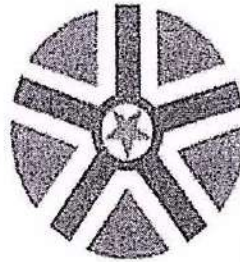
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Telangana State

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

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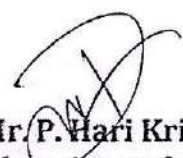
Kondapur (V), Ghatkesar (M), Medchal District – 501301


2018-2022




CERTIFICATE

This is to certify that the project report entitled "SMART VOTING SYSTEM USING FINGERPRINT RECOGNITION" that is being submitted by N. Jhansi (19UP5A0409), k. Bhavana(18UP1A0475) and G. Navya(18UP1A0465) in partial fulfillment for the award of the Bachelor of Technology in ELECTRONICS AND COMMUNICATION ENGINEERING to the Jawaharlal Nehru Technological University, is a record of bonafide work carried by them under my guidance and supervision. The results embodied in this project report have not been submitted to any other University or institute for the award of any degree.


Mr. P. Hari Krishna
(associate professor)
Head of Department


Dr. SK. Masthan Basha
(associate professor)
Internal Guide

Head of the Department
Electronics and Communication Engineering
Vignans Institute of Management and Technology for Women
Kondapur (V), Ghatkesar (M), R.R. Dist-501 301


External Examiner


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Kondapur(V), Ghatkesar(M), Medchal-Maikajiri(Dt)-501301
Telangana State



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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

(Approved by AICTE & Affiliated to JNTUH)

Kondapur (V), Ghatkesar (M), Medchal District -501301

2018-2022



CERTIFICATE

This is to certify that the project report entitled "IOT-BASED AUTOMATIC SOLAR GRASS CUTTER WITH SCALABLE PATTERNS" that is being submitted by Atluru Sindhuja, Motupalli Bhavana Sai Priya, Mandala Shresta, Kola Snigdha (18UPIA0455, 18UPIA0457, 18UPIA0478, 18UPIA0474) in partial fulfillment for the award of the Bachelor of Technology in ELECTRONICS AND COMMUNICATION ENGINEERING to the Jawaharlal Nehru Technological University, is a record of bonafide work carried by her under my guidance and supervision. The results embodied in this project report have not been submitted to any other University or institute for the award of any degree.


Mr. P. Hari Krishna

Head of Department
Head of the Department
Electronics and Communication Engineering
Vignans Institute of Management and Technology for Women
Kondapur (V), Ghatkesar (M), R.R. Dist-501 301


Mr. P. Hari Krishna

Internal Guide


External Examiner



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Kondapur(V), Ghatkesar(M), Medchal-Malkajiri(Dt)-501301
Telangana State

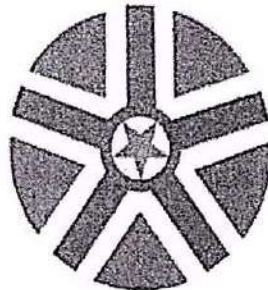


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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

(Approved by AICTE & Affiliated to JNTUH)

Kondapur (V), Ghatkesar (M), Medchal District – 501301

2018-2022



CERTIFICATE

This is to certify that the project report entitled “LOCALIZATION OF NEOPLASM INFORMATION IN BRAIN TUMOR IMAGES USING NEURAL NETWORKS CLASSIFICATION IN MEDICAL IMAGES” that is being submitted by Navya sri saranga (18UP1A0497), P. Harini (18UP1A0491) in partial fulfillment for the award of the Bachelor of Technology in ELECTRONICS AND COMMUNICATION ENGINEERING to the Jawaharlal Nehru Technological University, is a record of bonafide work carried by her under my guidance and supervision. The results embodied in this project report have not been submitted to any other University or institute for the award of any degree.

Mr. P. Hari Krishna
Head of Department

Head of the Department
Electronics and Communication Engineering
Vignans Institute of Management and Technology For Women
Kondapur (V), Ghatkesar (M), R.R. Dist. Medchal - 501301

Dr. Raja Krishna Moorthy
Internal Guide

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Vignans Institute of Management & Technology For Women
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Kondapur (V), Ghatkosar (M), Medchal - Malkajgiri (D) - 501 301 Phono: +91 96529 10002/3



Department of Basic Science & Humanities

Academic Year-2021-22

I B.Tech -II Sem ECE-List of Engineering Exploration Projects

S.no	Batch No	Roll Number	Student Name	Title	Guide
1	E01	21UP1A0403	Angothu Shailaja	Low cost viscometer	Ch. Bhavana Rushi
2		21UP1A0412	Danthuri Thrisha		
3		21UP1A0425	Madduru Ruchitha		
4		21UP1A0437	Sunkari Suchithra		
5		21UP1A0440	Tirumani Sowmya		
6		21UP1A0442	Vallapu Jayasri		
7	E02	21UP1A0405	Bokka Nikhitha	Handmade paper bagasse	Ch. Bhavana Rushi
8		21UP1A0416	Gorre Sri Chandana		
9		21UP1A0420	Kasala Akhila		
10		21UP1A0423	M Raja Suhasini		
11		21UP1A0435	Repala Vedasri		
12		21UP1A0438	Surigi Shivani		
13	E03	21UP1A0402	A. Sindhu	Corrision behaviour of electro deposited Zn-Ni alloy	Ch. Bhavana Rushi
14		21UP1A0408	C.Shivani		
15		21UP1A0417	Gundlapally Madhuri		
16		21UP1A0427	Manchukonda Vaishnavi		
17		21UP1A0430	Nukalagudam Deepthi		
18		21UP1A0436	Sudireddy Sai Teja		
19	E04	21UP1A0407	Bugga Poojitha	A project on alternator applications	B. Divya Lakshmi
20		21UP1A0413	Gorakanti Shivani		
21		21UP1A0419	K. Shravva		
22		21UP1A0428	Mettu Sowmya		
23		21UP1A0433	P. Laxmi Bhavani		
24		21UP1A0439	Thangirala Deepika Reddy		
25	E05	21UP1A0401	A. Naga Sudeepthi	A project on single phase transformer applications	B. Divya Lakshmi
26		21UP1A0411	Chindam Nikitha		
27		21UP1A0415	Gogu Ravali		
28		21UP1A0422	Kosika Devika		
29		21UP1A0429	Nasam Sanjana		
30		21UP1A0434	Renukuntla Sushma		



Principal
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Kondapur(V),Ghatkosar(M),Medchal-Malkajgiri(Dc)-501301
Telangana State

31	E06	21UP1A0404	Baswa Poojitha	A project on three phase transformer applications	B. Divya Lakshmi
32		21UP1A0410	Chindam Manisha		
33		21UP1A0421	Katikala Niharika		
34		21UP1A0426	Madishetti Akshitha		
35		21UP1A0431	P. Durga		
36		21UP1A0441	V. Sai Shruthika		
37	E07	21UP1A0406	Borra Shree Lakshmi	An evaluation of environmental impact of air pollution and industrial waste management in Hyderabad region	Ch. Bhavana Rushi
38		21UP1A0409	Chiluveru Vaishnavi		
39		21UP1A0414	G. Divya Shree		
40		21UP1A0418	K. Ruchitha		
41		21UP1A0424	M.Praneetha Siri		
42		21UP1A0432	P. Lavanya		

Re
Project Coordinator

Sup
Head of the Department

HEAD

Department of Basic Science & Humanities
Vignans Institute of Management & Tech. for Women
Kondapur (V), Ghatkesar (M), Medchal-Maikajiri (Dt)-501301



Principal
PRINCIPAL
Vignans Institute of Management & Technology For Women
Kondapur(V), Ghatkesar(M), Medchal-Maikajiri(Dt)-501301
Telangana State.

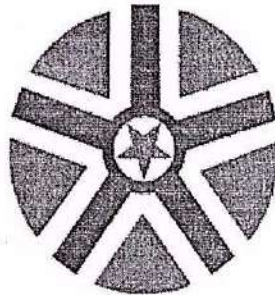
**VIGNAN'S INSTITUTE OF MANAGEMENT AND TECHNOLOGY FOR
WOMEN**

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

(Approved by AICTE & Affiliated to JNTUH)

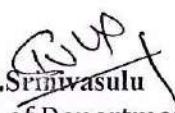
Kondapur (V), Ghatkesar (M), Medchal District – 501301


2021-2025



CERTIFICATE

This is to certify that the project report entitled “Low cost viscometer” that is being submitted by Angothu Shailaja (21UP1A0403), Danthuri Thrisha (21UP1A0412), Madduru Ruchitha (21UP1A0425), Sunkari Suchithra (21UP1A0437), Tirumani Sowmya (21UP1A0440), Vallapu Jayasri (21UP1A0442) in partial fulfillment for the award of the **Bachelor of Technology** in **ELECTRONICS AND COMMUNICATION ENGINEERING** to the Jawaharlal Nehru Technological University, is a record of bonafide work carried by her under my guidance and supervision.


Dr. T. Srinivasulu
Head of Department


CH. Bhavana Rushi
Internal Guide

HEAD
Department of Basic Science & Humanities
Vignans Institute of Management & Technology for Women
Kondapur (V), Ghatkesar (M), Medchal-Malkajgiri (Dt)-501301
Telangana State




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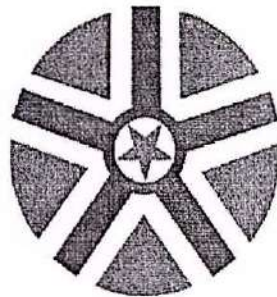
**VIGNAN'S INSTITUTE OF MANAGEMENT AND TECHNOLOGY FOR
WOMEN**

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

(Approved by AICTE & Affiliated to JNTUH)

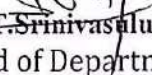
Kondapur (V), Ghatkesar (M), Medchal District – 501301


2021-2025



CERTIFICATE

This is to certify that the project report entitled “Handmade paper bagasse” that is being submitted by Bokka Nikhitha (21UP1A0405), Gorre Sri Chandana (21UP1A0416), Kasala Akhila (21UP1A0420), M Raja Suhasini (21UP1A0423), Repala Vedasri (21UP1A0435), Surigi Shivani(21UP1A0438) in partial fulfillment for the award of the Bachelor of Technology in ELECTRONICS AND COMMUNICATION ENGINEERING to the Jawaharlal Nehru Technological University, is a record of bonafide work carried by her under my guidance and supervision.


Dr. T. Srinivasulu
Head of Department


CH. Bhavana Rushi
Internal Guide

HEAD
Department of Basic Science & Humanities
Vignans Institute of Management & Tech. for Women
Kondapur (V), Ghatkesar (M), Medchal-Malkajgiri (Dt)-501301
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WOMEN

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

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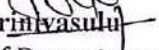
Kondapur (V), Ghatkesar (M), Medchal District – 501301

2021-2025



CERTIFICATE


This is to certify that the project report entitled “Corrision behaviour of electro deposited Zn-Ni alloy” that is being submitted by A. Sindhu (21UP1A0402), C.Shivani (21UP1A0408), Gundlapally Madhuri (21UP1A0417), Manchukonda Vaishnavi (21UP1A0427), Nukalagudam Deepthi (21UP1A0430), Sudireddy Sai Teja (21UP1A0436) in partial fulfillment for the award of the **Bachelor of Technology in ELECTRONICS AND COMMUNICATION ENGINEERING** to the Jawaharlal Nehru Technological University, is a record of bonafide work carried by her under my guidance and supervision.


Dr. T. Srinivasulu
Head of Department

HEAD

Department of Basic Sciences
Vignans Institute of Management & Technology
Kondapur (V), Ghatkesar (M), Medchal-Malkajgiri (Dt) - 501301




CH. Bhavana rushi
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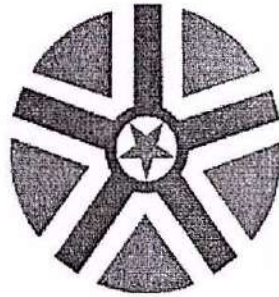
VIGNAN'S INSTITUTE OF MANAGEMENT AND TECHNOLOGY FOR
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(Approved by AICTE & Affiliated to JNTUH)

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2021-2025



CERTIFICATE

This is to certify that the project report entitled “Alternator applications” that is being submitted by Bugga Poojitha (21UP1A0407), Gorakanti Shivani (21UP1A0413), K. Shravya (21UP1A0419), Mettu Sowmya (21UP1A0428), P. Laxmi Bhavani (21UP1A0433), Thangirala Deepika Reddy (21UP1A0439) in partial fulfillment for the award of the **Bachelor of Technology** in **ELECTRONICS AND COMMUNICATION ENGINEERING** to the Jawaharlal Nehru Technological University, is a record of bonafide work carried by her under my guidance and supervision.

T. Srinivasulu
Dr. T. Srinivasulu
Head of Department

HEAD

Department of Basic Science & Humanities
Women's Institute of Management & Tech. for Women
Kondapur (V), Ghatkesar (M), Medchal District - 501301



B. Divya Lakshmi
B. Divya Lakshmi
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B. Divya Lakshmi
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Kondapur(V), Ghatkesar(M), Medchal-Malkejgiri(DT)-501301
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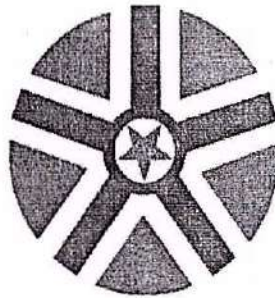
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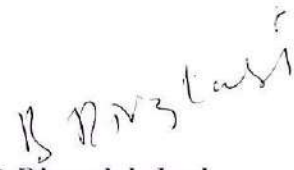
CERTIFICATE

This is to certify that the project report entitled “Single phase transformer applications” that is being submitted by A. Naga Sudeepthi (21UP1A0401), Chindam Nikitha (21UP1A0411), Gogu Ravali (21UP1A0415), Kosika Devika (21UP1A0422), Nasam Sanjana (21UP1A0429), Renukuntla Sushma(21UP1A0434) in partial fulfillment for the award of the **Bachelor of Technology** in **ELECTRONICS AND COMMUNICATION ENGINEERING** to the Jawaharlal Nehru Technological University, is a record of bonafide work carried by her under my guidance and supervision.


Dr. T. Srinivasulu
Head of Department

HEAD

Department of Basic Science & Humanities
Vignans Institute of Management & Tech for W.
Kondapur (V), Ghatkesar (M), RR Dist - Medchal


B. Divya Lakshmi
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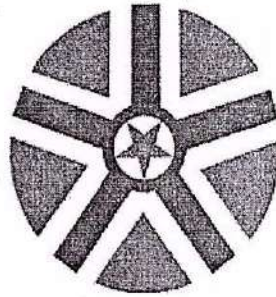
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WOMEN**

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

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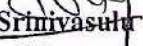
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2021-2025




CERTIFICATE

This is to certify that the project report entitled “three phase transformer applications” that is being submitted by Baswa Poojitha (21UP1A0404), Chindam Manisha (21UP1A0410), Katikala Niharika (21UP1A0421), Madishetti Akshitha (21UP1A0426), P. Durga (21UP1A0431), V. Sai Shruthika (21UP1A0441) in partial fulfillment for the award of the **Bachelor of Technology** in **ELECTRONICS AND COMMUNICATION ENGINEERING** to the Jawaharlal Nehru Technological University, is a record of bonafide work carried by her under my guidance and supervision.


Dr. T. Srinivasulu
Head of Department


B. Divya lakshmi
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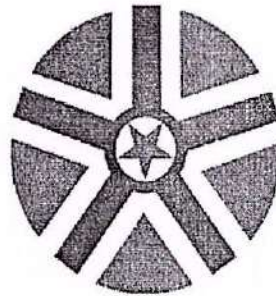
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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

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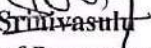
Kondapur (V), Ghatkesar (M), Medchal District – 501301

2021-2025



CERTIFICATE


This is to certify that the project report entitled “An evaluation of environmental impact of air pollution and industrial waste management in Hyderabad region ” that is being submitted by Borra Shree Lakshmi Naveena (21UP1A0406), Chiluveru Vaishnavi (21UP1A0409), G. Divya Shree (21UP1A0414), K. Ruchitha (21UP1A0418), M. Praneetha Siri (21UP1A0424), P. Lavanya (21UP1A0432) in partial fulfillment for the award of the **Bachelor of Technology in ELECTRONICS AND COMMUNICATION ENGINEERING** to the Jawaharlal Nehru Technological University, is a record of bonafide work carried by her under my guidance and supervision.


Dr. T. Srinivasulu
Head of Department

HEAD

Department of Basic Science & Humanities
Vignans Institute of Management & Technology for Women
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CH. Bhavana rushi
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Kondapur (V), Ghatkesar (M), Medchal - Malkajgiri (D) - 501 301 Phone: +91 96529 10002/3



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

The III B.Tech A section students of Electronics and communication engineering have undergone **Internship training** during Academic year 2021-22.

S.no	Roll No	Name of the Student	Organization	Duration
1	19UP1A0402	BANDI RASAGNA	BRAIN O VISION	1 MONTH
2	19UP1A0403	BASWA VIGNATHA	WORKSBOT	5 MONTHS
3	19UP1A0405	B V SHIVA KEERTHIKA	INMOVIDU	6 MONTHS
4	19UP1A0407	GAJULA ABHIGNA	WORKSBOT	5 MONTHS
5	19UP1A0408	GADDAM LIKHITHA	BRAIN O VISION	1 MONTH
6	19UP1A0410	GOLLA PRIYANKA	BHAGWATI PRODUCTS Ltd	1 MONTH
7	19UP1A0411	GOURISHETTI SWETHA	COIGN	3 MONTHS
8	19UP1A0412	KOPPELA NISHITHA	WORKSBOT	5 MONTHS
9	19UP1A0413	KALAVA CHARITHA	INMOVIDU	6 MONTHS
10	19UP1A0415	KANDE LAHARI	WORKSBOT	5 MONTHS
11	19UP1A0417	K TEJASWINI	WORKSBOT	5 MONTHS
12	19UP1A0418	KUNCHETTI PRAVALIKA	BRAIN O VISION	1 MONTH
13	19UP1A0419	L.ABHINAYA	INMOVIDU	6 MONTHS
14	19UP1A0420	MANNE SRAVANI	BHAGWATI PRODUCTS Ltd	1 MONTH
15	19UP1A0421	NAKKA LAVANYA	COIGN	3 MONTHS
16	19UP1A0422	N. MOHANA PRIYA	WORKSBOT	5 MONTHS
17	19UP1A0424	PALLE PAVANI	BHAGWATI PRODUCTS Ltd	1 MONTH
18	19UP1A0425	P. LAXMI	BRAIN O VISION	1 MONTH
19	19UP1A0426	P SINDHU	WORKSBOT	5 MONTHS
20	19UP1A0427	R SINGH	COIGN	3 MONTHS
21	19UP1A0428	ROWTHU PALLAVI	COIGN	3 MONTHS
22	19UP1A0429	SYED TABASSUM	INMOVIDU	6 MONTHS
23	19UP1A0431	SANGOJU SATHWIKA	WORKSBOT	5 MONTHS
24	19UP1A0432	SEETHAMM ANITHA	BRAIN O VISION	1 MONTH
25	19UP1A0434	S. LAKSHMI YESASWINI	BHAGWATI PRODUCTS Ltd	1MONTH
26	19UP1A0435	SUGGUNA LIKHITA	COIGN	3 MONTHS
27	19UP1A0436	TANKALA HARIKA	WORKSBOT	5 MONTHS
28	19UP1A0437	THOOMU SREYA REDDY	INMOVIDU	6 MONTHS
29	19UP1A0439	VANAM ASHVITHA REDDY	WORKSBOT	5 MONTHS
30	19UP1A0440	VANKUDOTH SANGITHA	BRAIN O VISION	1 MONTH
31	19UP1A0442	YARASURI MANASA	BHAGWATI PRODUCTS Ltd	1 MONTH
32	20UP5A0401	AKKI BHARATHI	COIGN	3 MONTHS
33	20UP5A0402	EDUGU RAJITHA	WORKSBOT	5 MONTHS
34	20UP5A0403	GODAVARTHI ANUSHA	INMOVIDU	6 MONTHS
35	20UP5A0404	GOKA ANUSHA	BHAGWATI PRODUCTS Ltd	1 MONTH
36	20UP5A0405	GOPI VARSHA	BRAIN O VISION	1 MONTH
37	20UP5A0406	JUPALLY NAVYA SRI	WORKSBOT	5 MONTHS
38	20UP5A0407	KOLA CHETHANA	COIGN	3 MONTHS
39	20UP5A0408	KOTTHUR DEVI	BHAGWATI PRODUCTS Ltd	1 MONTH
40	20UP5A0409	MUPPANENI SOWMIKA	WORKSBOT	5 MONTHS



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Telangana State

ECE-HOD

Head of the Department
Electronics and Communication Engineering
Vignani's Institute of Management and Technology for Women
Kondapur (V), Ghatkesar (M), R.R. Dist-501 301



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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

The III -B.Tech B Section students of Electronics and communication engineering have undergone internship training during Academic year 2021-22.

S.no	Roll No	Name of the Student	Organization	Duration
1	19UP1A0444	ANUMOJU KAVYA	WORKSBOT	5 MONTHS
2	19UP1A0446	BANALA SNITHIKA	BRAIN O VISION	1 MONTH
3	19UP1A0447	B SIVA SARANYA	INMOVIDU	6 MONTHS
4	19UP1A0448	BOGALA ANUSHA	BHAGWATI PRODUCTS Ltd	1 MONTH
5	19UP1A0449	BOKKA HARSHITHA	COIGN	3 MONTHS
6	19UP1A0450	BOKKA VARSHITHA	WORKSBOT	5 MONTHS
7	19UP1A0453	D. VENKATA SAHITHAYA	WORKSBOT	5 MONTHS
8	19UP1A0454	DUGYALA VAISHNAVI	BRAIN O VISION	1 MONTH
9	19UP1A0456	GABALE NISHITHA	BHAGWATI PRODUCTS Ltd	1 MONTH
10	19UP1A0457	G. VARDHINI	COIGN	3 MONTHS
11	19UP1A0458	G. SNEHA REDDY	WORKSBOT	5 MONTHS
12	19UP1A0459	HALDODDI DIVYA	INMOVIDU	6 MONTHS
13	19UP1A0460	JANJIRALA ANUSHA	BHAGWATI PRODUCTS Ltd	1 MONTH
14	19UP1A0461	KARKURI SOWMYA	BRAIN O VISION	1 MONTH
15	19UP1A0462	KALYANAM MOUNIKA	WORKSBOT	4 MONTH
16	19UP1A0463	KOMMINENI JASMITHA	BHAGWATI PRODUCTS Ltd	1 MONTH
17	19UP1A0464	KONDERU SRAVYA	COIGN	3 MONTHS
18	19UP1A0465	LP LAXMI REDDY	WORKSBOT	5 MONTHS
19	19UP1A0466	GADDAM LIKHITHA	INMOVIDU	6 MONTHS
20	19UP1A0468	M. YOGITHA REDDY	WORKSBOT	5 MONTHS
21	19UP1A0470	MEDA BHUVANESWARI	WORKSBOT	4 MONTH
22	19UP1A0471	PADAKULA UMA	BRAIN O VISION	1 MONTH
23	19UP1A0473	RAVULA HIRANMAI	BHAGWATI PRODUCTS Ltd	1 MONTH
24	19UP1A0474	SHANIGALA CHANDANA	COIGN	3 MONTHS
25	19UP1A0475	MS CHANDANA REDDY	WORKSBOT	5 MONTHS
26	19UP1A0477	T. SREYA REDDY	BHAGWATI PRODUCTS Ltd	1 MONTH
27	19UP1A0478	THAMATAM AKSHITHA	BRAIN O VISION	1 MONTH
28	19UP1A0479	TURPU SHRAVANI	WORKSBOT	5 MONTHS
29	19UP1A0480	VANGETI BANNY	WORKSBOT	5 MONTHS
30	19UP1A0481	V.ANOUSHIKA	INMOVIDU	6 MONTHS
31	20UP5A0410	NAGARAM ANUSHA	WORKSBOT	5 MONTHS
32	20UP5A0411	NAKKA YAMINI	BRAIN O VISION	1 MONTH
33	20UP5A0412	NATTUVA BHARGAVI	INMOVIDU	6 MONTHS
34	20UP5A0413	PALASA CHANDANA	BHAGWATI PRODUCTS Ltd	1 MONTH
35	20UP5A0414	SANKURI SRAVANI	COIGN	3 MONTHS
36	20UP5A0415	T ANUSHA	COIGN	3 MONTHS
37	20UP5A0416	V.NAMRATHA	INMOVIDU	6 MONTHS
38	20UP5A0418	VINDHYA DARSHINI	COIGN	3 MONTHS



Principal
Vignan's Institute of Management & Technology For Women
Kondapur(V), Ghatkesar(M), Medchal-Malkajgiri(Dist.)-501301
Telangana State

[Signature]

ECE-HOD

Head of the Department
Electronics and Communication Engineering
Vignan's Institute of Management and Technology for Women
Kondapur (V), Ghatkesar (M), Medchal-Malkajgiri (Dist.)-501301



BRAIN O VISION

Date: 13 -06 -2022

To

BANDI RASAGNA

Vignan's Institute of Management and Technology for Women.

Kondapur, Ghatkesar, Telangana.

INTERNSHIP CERTIFICATE

This is to certify that BANDI RASAGNA has successfully completed the One Month Internship program from **9th - MAY -2022 to 10 -JUNE -2022** with Brain O Vision, Hyderabad. He/ She was working on **Embedded Systems & its Applications** and was actively & diligently involved in the projects and tasks which are assigned. During the span, we found him/her punctual and hardworking person. His/ Her feedback and evolution proved that he/she is a quick learner. Congratulations and Best Wishes.



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Kondapur, Ghatkesar (M), Medchal-Malkajgiri (Or.)
Telangana State
Pin-501301

Brain O Vision Solutions Pvt. Ltd...

Mohan's Elite, 1st Floor, H.No: 2-56/5/50, Madhapur, Khanampet, Hyd - 500 081.

www.fb.com/brainvisionsolutions

Info.brainovision@gmail.com

www.brainovision.in



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CERTIFICATE OF INTERNSHIP

This is to certify that

BASWA VIGNATHA

From Vignan's Institute of Management and
Technology For Women, has done his/her internship on **Data
Science** in our organization **Worksbot Applications Pvt.Ltd.,
Chennai** from **November 2021-March 2022**

We wish him/her all the best for the future.



Arun Kumar G
Assistant Manager HR

Month June 2022



Handwritten signature
PRINCIPAL
Vignan's Institute of Management & Technology For Women,
Kondapur(V), Medchal(M), Malkajgiri(Dt)-501301
Telangana State

EXPERIENCE CERTIFICATE

To **B V SHIVA KEERTHIKA**

This is to certify that **B V SHIVA KEERTHIKA** has successfully completed the internship from 05th Dec 2021 to 15th May 2022. During internship tenure we found her extremely resourceful in all the tasks that were given.

The project undertaken was in “**Business Development and Marketing**” vertical as an intern for inmovidu Technologies Private Limited.

We found her to be a good team player besides being a hard worker. I here by certify her work was satisfactory to the best of my knowledge.

We wish you success in your future endeavors

Regards,



Neha Sharma
HR Associate Manager



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Wignani's Institute of Management & Technology For Women
Kondapur(M),Medchal-Malkajgiri(Dt)-501301
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CERTIFICATE OF INTERNSHIP

This is to certify that

GAJULA ABHIGNA

From Vignan's Institute of Management and
Technology For Women, has done his/her internship on **Data
Science** in our organization **Worksbot Applications Pvt.Ltd.,
Chennai** from **November 2021-March 2022**

We wish him/her all the best for the future.



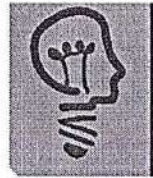
Arun Kumar G

Assistant Manager HR

Month June 2022



Handwritten signature in green ink
PRINCIPAL
Vignan's Institute of Management & Technology For Women
Kondapur (V), Ghatkesar (M), Malkajgiri (Dt.)-501301
Telangana State



BRAIN O VISION

Date: 13 -06 -2022

To

GADDAM LIKHITHA

Vignan's Institute of Management and Technology for Women.

Kondapur, Ghatkesar, Telangana.

INTERNSHIP CERTIFICATE

This is to certify that GADDAM LIKHITHA has successfully completed the One Month Internship program from **9th - MAY -2022 to 10 -JUNE -2022** with Brain O Vision, Hyderabad. He/ She was working on **Embedded Systems & its Applications** and was actively & diligently involved in the projects and tasks which are assigned. During the span, we found him/her punctual and hardworking person. His/ Her feedback and evolution proved that he/she is a quick learner. Congratulations and Best Wishes.



[Handwritten signature]

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Brain O Vision Solutions Pvt. Ltd...

Info.brainovision@gmail.com

www.brainovision.in

Mohan's Elite, 1st Floor, H.No: 2-56/5/50, Madhapur, Khanampet, Hyd - 500 081.

www.fb.com/brainvisionsolutions



BHAGWATI
PRODUCTS LIMITED

Date: 13 -06 -2022

CERTIFICATE OF INTERNSHIP

This is to certify that GOLLA PRIYANKA 19UP1A0410 from the Department of Electronics and communication Engineering, Vignan's Institute of Management and Technology for Women, Kondapur, Ghatkesar, Telangan. Has successfully completed the internship under **IoT Applications With Embedded Systems**. From 6th-May-2022 to 8th-May-2022. We found her sincere and hardworking her performance exceeds expectations and was able to complete the project successfully. We wish her every success in her life and career.

Technical Manager

Bhagwati Products Limited, Hyderabad.



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Kondapur(V), Ghatkesar(M), Medchal-Malkajgiri(Dt)-501301
Telangana State

BHAGWATI PRODUCTS LIMITED

CIN No. - U15412DL2002PLC258355

Registered Address: 4th Floor, 21/14A, Naraina Industrial Area, Phase - 2, New Delhi-110028

Factory Address: Plot S-1, FAB City, E-City, Srinagar (V), Maheshwaram (M), Rangareddy Dist., Hyderabad, Telangana - 501510.



Date: 02:07:2022

Certificate of Internship

This is to certify that **GOURISHETTI SWETHA**, student in Electronics and communication Engineering (ECE) of Vignan's Institute of Management and Technology for Women, Kondapur, Hyderabad, has successfully completed a summer internship in the field of **Machine Learning and Data Science** from 03rd March 2022 to 16 June 2022.

During the period of his internship program with us she had been exposed to different process was found punctual, hardworking and inquisitive.



PRINCIPAL
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Kondapur (M), Ghazkesar (M), Medchal-Malkajgiri (Dt.)-501301
Telangana State

COIGN CONSULTANTS PVT. LTD.,

#S11, 5th Floor, Ballad Estates, Tarnaka, Secunderabad -500 017.
Ph : 040 - 6690 6107 | mail : contactus@coign.net | www.coign.net



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CERTIFICATE OF INTERNSHIP

This is to certify that

KOPPELA NISHITHA

From Vignan's Institute of Management and
Technology For Women, has done his/her internship on **Data
Science** in our organization **Worksbot Applications Pvt.Ltd.,
Chennai** from **November 2021-March 2022**

We wish him/her all the best for the future.



Arun Kumar G
Assistant Manager HR

Month June 2022



PRINCIPAL
Vignan's Institute of Management & Technology For Women
Kondapur(V), Ghatkesar(M), Medchal-Malkajgiri(Dt)-501301
Telangana State

EXPERIENCE CERTIFICATE

To KALAVA CHARITHA

This is to certify that **KALAVA CHARITHA** has successfully completed the internship from 05th Dec 2021 to 15th May 2022. During internship tenure we found her extremely resourceful in all the tasks that were given.

The project undertaken was in “**Business Development and Marketing**” vertical as an intern for inmovidu Technologies Private Limited.

We found her to be a good team player besides being a hard worker. I here by certify her work was satisfactory to the best of my knowledge.

We wish you success in your future endeavors

Regards,



Neha Sharma
HR Associate Manager



PRINCIPAL
Vidya's Institute of Management & Technology For Women
Kondapur(V), Ghatkesar(M), Medchal-Malkajgiri(Dt), 501301
Telangana State



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CERTIFICATE OF INTERNSHIP

This is to certify that

KANDE LAHARI

From Vignan's Institute of Management and
Technology For Women, has done his/her internship on **Data
Science** in our organization **Worksbot Applications Pvt.Ltd.,
Chennai** from **November 2021-March 2022**

We wish him/her all the best for the future.



Arun Kumar G

Assistant Manager HR

Month June 2022



Principal
PRINCIPAL
Vignan's Institute of Management & Technology For Women
Kondapur(V), Ghatkesar(M), Medchal-Malkajgiri(Dt)-501301
Telangana State



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CERTIFICATE OF INTERNSHIP

This is to certify that

KONAKANCHI TEJASWINI

From Vignan's Institute of Management and
Technology For Women, has done his/her internship on **Data
Science** in our organization **Worksbot Applications Pvt.Ltd.,
Chennai** from **November 2021-March 2022**

We wish him/her all the best for the future.



Arun Kumar G
Assistant Manager HR

Month June 2022



PRINCIPAL
Vignan's Institute of Management & Technology For Women
Kondapur(V), Ghatkesar(M), Medchal-Malkajgiri(DT)-501301
Telangana State



BRAIN O VISION

Date: 13 -06 -2022

To

KUNCHETTI PRAVALIKA

Vignan's Institute of Management and Technology for Women.

Kondapur, Ghatkesar, Telangana.

INTERNSHIP CERTIFICATE

This is to certify that KUNCHETTI PRAVALIKA has successfully completed the One Month Internship program from **9th - MAY -2022 to 10 -JUNE -2022** with Brain O Vision, Hyderabad. He/ She was working on **Embedded Systems & its Applications** and was actively & diligently involved in the projects and tasks which are assigned. During the span, we found him/her punctual and hardworking person. His/ Her feedback and evolution proved that he/she is a quick learner. Congratulations and Best Wishes.



PRINCIPAL
Vignan's Institute of Management & Technology for Women
Kondapur (M), Ghatkesar (M), Medchal-Manjgiri (D)-501309
Telangana State

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www.fb.com/brainovisionsolutions

EXPERIENCE CERTIFICATE

To LINGAMPALLY ABHINAYA

This is to certify that **LINGAMPALLY ABHINAYA** has successfully completed the internship from 05th Dec 2021 to 15th May 2022. During internship tenure we found her extremely resourceful in all the tasks that were given.

The project undertaken was in “**Business Development and Marketing**” vertical as an intern for inmovidu Technologies Private Limited.

We found her to be a good team player besides being a hard worker. I here by certify her work was satisfactory to the best of my knowledge.

We wish you success in your future endeavors

Regards,



Neha Sharma
HR Associate Manager



PRINCIPAL
Vignani's Institute of Management & Technology For Women
Kondapur (M), Chaitanya (M), Madchal-Malkajgiri (D.)-501301
Telangana State



Date: 13 -06 -2022

CERTIFICATE OF INTERNSHIP

This is to certify that MANNE SRAVANI 19UP1A0420 from the Department of Electronics and communication Engineering, Vignans Institute of Management and Technology for Women, Kondapur, Ghatkesar, Telangan. Has successfully completed the internship under **IoT Applications With Embedded Systems**. From 6th-May-2022 to 8th-May-2022. We found her sincere and hardworking her performance exceeds expectations and was able to complete the project successfully. We wish her every success in her life and career.

Technical Manager

Bhagwati Products Limited, Hyderabad.



PRINCIPAL
Vignans Institute of Management & Technology for Women
Kondapur(V), Ghatkesar(M), Medchal-Malkajgiri(DT)-501301
Telangana State

BHAGWATI PRODUCTS LIMITED
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Registered Address: 4th Floor, 21/14A, Naraina Industrial Area Phase - 2, New Delhi-110028

Factory Address: Plot S-1, FAB City, E-City, Srinagar (V)-Maheshwaram (M), Rangareddy Dist., Hyderabad, Telangana - 501510.

Certificate of Internship

This is to certify that **NAKKA LAVANYA**, student in Electronics and communication Engineering (ECE) of Vignan's Institute of Management and Technology for Women, Kondapur, Hyderabad, has successfully completed a summer internship in the field of **Machine Learning and Data Science** from 03rd March 2022 to 16 June 2022.

During the period of his internship program with us she had been exposed to different process was found punctual, hardworking and inquisitive.




PRINCIPAL
Vignan's Institute of Management & Technology For Women
Kondapur(V), Ghatkesar(M), Medchal-Malkajgiri(Dt)-501301
Telangana State

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CERTIFICATE OF INTERNSHIP

This is to certify that

NEELAM MOHANA PRIYA

From Vignan's Institute of Management and
Technology For Women, has done his/her internship on **Data
Science** in our organization **Worksbot Applications Pvt.Ltd.,
Chennai** from **November 2021-March 2022**

We wish him/her all the best for the future.



Arun Kumar G

Assistant Manager HR

Month June 2022



PRINCIPAL
Vignan's Institute of Management & Technology For Women
Kondapur(V), Ghatkesar(M), Medchal-Malkajgiri(Dt)-501301
Telangana State



Date: 13 -06 -2022

CERTIFICATE OF INTERNSHIP

This is to certify that PALLE PAVANI 19UP1A0424 from the Department of Electronics and communication Engineering, Vignan's Institute of Management and Technology for Women, Kondapur, Ghatkesar, Telangan. Has successfully completed the internship under **IoT Applications With Embedded Systems**. From 6th-May-2022 to 8th -May-2022. We found her sincere and hardworking her performance exceeds expectations and was able to complete the project successfully. We wish her every success in her life and career.

Technical Manager

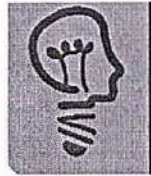
Bhagwati Products Limited, Hyderabad.

*Vignan's Institute of Management & Technology
Kondapur(V), Ghatkesar(M), Medchal-Malkajgiri(DT)-501301
Telangana State*



BHAGWATI PRODUCTS LIMITED
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Factory Address: Plot S-1, FAB City, E-City, Srinagar (V), Maheshwaram (M), Rangareddy Dist., Hyderabad, Telangana - 501510.



BRAIN O VISION

Date: 13 -06 -2022

To

P. LAXMI

Vignan's Institute of Management and Technology for Women.

Kondapur, Ghatkesar, Telangana.

INTERNSHIP CERTIFICATE

This is to certify that P. LAXMI has successfully completed the One Month Internship program from **9th - MAY -2022 to 10 -JUNE -2022** with Brain O Vision, Hyderabad. He/ She was working on **Embedded Systems & its Applications** and was actively & diligently involved in the projects and tasks which are assigned. During the span, we found him/her punctual and hardworking person. His/ Her feedback and evolution proved that he/she is a quick learner. Congratulations and Best Wishes.



Vignan's Institute of Management & Technology,
Kondapur (M), Ghatkesar (R), Medchal-Medchal (D)-501301,
Telangana, India

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www.brainovision.in



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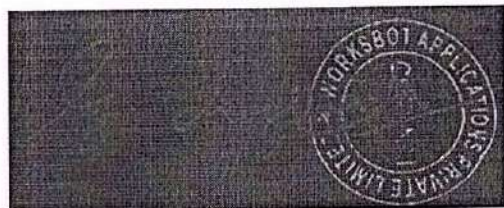
CERTIFICATE OF INTERNSHIP

This is to certify that

P SINDHU

From Vignan's Institute of Management and
Technology For Women, has done his/her internship on **Data
Science** in our organization **Worksbot Applications Pvt.Ltd.,
Chennai** from **November 2021-March 2022**

We wish him/her all the best for the future.



Arun Kumar G
Assistant Manager HR

PRINCIPAL

Vignan's Institute of Management & Technology For Women
Kondapur(V), Ghatkesar(M), Medchal-Maikajiri(Dt)-501301
Telangana State

Month June 2022





Date: 02:07:2022

Certificate of Internship

This is to certify that **R SINGH**, student in Electronics and communication Engineering (ECE) of Vignan's Institute of Management and Technology for Women, Kondapur, Hyderabad, has successfully completed a summer internship in the field of **Machine Learning and Data Science** from 03rd March 2022 to 16 June 2022.

During the period of his internship program with us she had been exposed to different process was found punctual, hardworking and inquisitive.



[Signature]
PRINCIPAL
Vignan's Institute of Management & Technology For Women,
Kondapur(V),Ghatkesar(M),Medchal-Malkajgiri(DT)-501301
Telangana State

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Date: 02:07:2022

Certificate of Internship

This is to certify that **ROWTHU PALLAVI**, student in Electronics and communication Engineering (ECE) of Vignan's Institute of Management and Technology for Women, Kondapur, Hyderabad, has successfully completed a summer internship in the field of **Machine Learning and Data Science** from 03rd March 2022 to 16 June 2022.

During the period of his internship program with us she had been exposed to different process was found punctual, hardworking and inquisitive.



PRINCIPAL
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EXPERIENCE CERTIFICATE

To SYED TABASSUM

This is to certify that **SYED TABASSUM** has successfully completed the internship from 05th Dec 2021 to 15th May 2022. During internship tenure we found her extremely resourceful in all the tasks that were given.

The project undertaken was in “**Business Development and Marketing**” vertical as an intern for inmovidu Technologies Private Limited.

We found her to be a good team player besides being a hard worker. I here by certify her work was satisfactory to the best of my knowledge.

We wish you success in your future endeavors

Regards,



Neha Sharma
HR Associate Manager




PRINCIPAL
Wignan's Institute of Management & Technology For Women
Kondapur(V), Ghatkesar(M), Medchal-Malkajgiri(DT)-501301
Telangana State



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CERTIFICATE OF INTERNSHIP

This is to certify that

SANGOJU SATHWIKA

From Vignan's Institute of Management and
Technology For Women, has done his/her internship on **Data
Science** in our organization **Worksbot Applications Pvt.Ltd.,
Chennai** from **November 2021-March 2022**

We wish him/her all the best for the future.



Arun Kumar G

Assistant Manager HR

Month June 2022



AA
PRINCIPAL
Vignan's Institute of Management & Technology For Women
Kondapur(V), Ghatkesar(M), Medchal-Malkajgiri(Dt)-501301
Telangana State



BRAIN O VISION

Date: 13 -06 -2022

To

SEETHAMM ANITHA

Vignan's Institute of Management and Technology for Women.

Kondapur, Ghatkesar, Telangana.

INTERNSHIP CERTIFICATE

This is to certify that SEETHAMM ANITHA has successfully completed the One Month Internship program from **9th - MAY -2022 to 10 -JUNE -2022** with Brain O Vision, Hyderabad. He/ She was working on **Embedded Systems & its Applications** and was actively & diligently involved in the projects and tasks which are assigned. During the span, we found him/her punctual and hardworking person. His/ Her feedback and evolution proved that he/she is a quick learner. Congratulations and Best Wishes.



PRINCIPAL
Vignan's Institute of Management & Technology For Women
Kondapur, Ghatkesar (M), Medchal-Malkajgiri (DL) - 501301
Telangana State

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www.fb.com/brainvisionsoultions



Date: 13 -06 -2022

CERTIFICATE OF INTERNSHIP

This is to certify that S. LAKSHMI YESASWINI 19UP1A0434 from the Department of Electronics and communication Engineering, Vignan's Institute of Management and Technology for Women, Kondapur, Ghatkesar, Telangan. Has successfully completed the internship under **IoT Applications With Embedded Systems**. From 6th-May-2022 to 8th-May-2022. We found her sincere and hardworking her performance exceeds expectations and was able to complete the project successfully. We wish her every success in her life and career.

Technical Manager

Bhagwati Products Limited, Hyderabad.



PRINCIPAL
Vignan's Institute of Management & Technology For Women
Kondapur(V),Ghatkesar(M),Medchal-Malkajgiri(DT)-501301
Telangana State

BHAGWATI PRODUCTS LIMITED

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Factory Address: Plot S-1, FAB City, E-City, Srinagar (V), Maheshwaram (M), Rangareddy Dist., Hyderabad, Telangana - 501510.



Date: 02:07:2022

Certificate of Internship

This is to certify that **SUGGUNA LIKHITA**, student in Electronics and communication Engineering (ECE) of Vignan's Institute of Management and Technology for Women, Kondapur, Hyderabad, has successfully completed a summer internship in the field of **Machine Learning and Data Science** from 03rd March 2022 to 16 June 2022.

During the period of his internship program with us she had been exposed to different process was found punctual, hardworking and inquisitive.



[Signature]
[Signature]
PRINCIPAL
Vignan's Institute of Management & Technology For Women
Kondapur(V),Ghatkesar(M),Medchal-Malkajgiri(DU)-501301
Telangana State

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CERTIFICATE OF INTERNSHIP

This is to certify that

TANKALA HARIKA

From Vignan's Institute of Management and
Technology For Women, has done his/her internship on **Data
Science** in our organization **Worksbot Applications Pvt.Ltd.,
Chennai** from **November 2021-March 2022**

We wish him/her all the best for the future.



Arun Kumar G
Assistant Manager HR

Month June 2022



Principal
PRINCIPAL
Vignan's Institute of Management & Technology For Women
Kondapur(V), Medchal(M), Malkajgiri(Dist.),-501301
Telangana State

EXPERIENCE CERTIFICATE

To **THOOMU SREYA REDDY**

This is to certify that **THOOMU SREYA REDDY** has successfully completed the internship from 05th Dec 2021 to 15th May 2022. During internship tenure we found her extremely resourceful in all the tasks that were given.

The project undertaken was in “**Business Development and Marketing**” vertical as an intern for inmovidu Technologies Private Limited.

We found her to be a good team player besides being a hard worker. I here by certify her work was satisfactory to the best of my knowledge.

We wish you success in your future endeavors

Regards,



Neha Sharma
HR Associate Manager



PRINCIPAL
Vignani's Institute of Management & Technology For Women
Kondapur(V), Ghatkesar(M), Medchal-Malkajgiri(Dt)-501301
Telangana State



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CERTIFICATE OF INTERNSHIP

This is to certify that

VANAM ASHVITHA REDDY

From Vignan's Institute of Management and
Technology For Women, has done his/her internship on **Data
Science** in our organization **Worksbot Applications Pvt.Ltd.,
Chennai** from **November 2021-March 2022**

We wish him/her all the best for the future.



Arun Kumar G

Assistant Manager HR

Month June 2022



Principal
Vignan's Institute of Management & Technology For Women
Kondapur(V), Ghatkesar(M), Medchal-Malkajgiri(Dt.)-501301
Telangana State



BRAIN O VISION

Date: 13 -06 -2022

To

VANKUDOTH SANGITHA

Vignan's Institute of Management and Technology for Women.

Kondapur, Ghatkesar, Telangana.

INTERNSHIP CERTIFICATE

This is to certify that VANKUDOTH SANGITHA has successfully completed the One Month Internship program from **9th - MAY -2022 to 10 -JUNE -2022** with Brain O Vision, Hyderabad. He/ She was working on **Embedded Systems & its Applications** and was actively & diligently involved in the projects and tasks which are assigned. During the span, we found him/her punctual and hardworking person. His/ Her feedback and evolution proved that he/she is a quick learner. Congratulations and Best Wishes.



PRINCIPAL
Vignan's Institute of Management & Technology For Women
Kondapur, Ghatkesar (M), Medchal-Malkajgiri (Dt.) - 501301
Telangana State

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www.fb.com/brainvisionsolutions



Date: 13 -06 -2022

CERTIFICATE OF INTERNSHIP

This is to certify that YARASURI MANASA 19UP1A0442 from the Department of Electronics and communication Engineering, Vignan's Institute of Management and Technology for Women, Kondapur, Ghatkesar, Telangan. Has successfully completed the internship under **IoT Applications With Embedded Systems**. From 6th-May-2022 to 8th -May-2022. We found her sincere and hardworking her performance exceeds expectations and was able to complete the project successfully. We wish her every success in her life and career.

Technical Manager

Bhagwati Products Limited, Hyderabad.



PRINCIPAL
Vignan's Institute of Management & Technology For Women
Kondapur(V), Ghatkesar(M), Medchal-Medchal(DT)-501301
Telangana State

BHAGWATI PRODUCTS LIMITED

CIN No. - U15412DL2002PLC258355

Registered Address: 4th Floor, 21/14A, Naraina Industrial Area, Phase - 2, New Delhi-110028

Factory Address: Plot S-1, FAB City, E-City, Srinagar (V), Maheshwaram (M), Rangareddy Dist., Hyderabad, Telangana - 501510.



Date: 02:07:2022

Certificate of Internship

This is to certify that **AKKI BHARATHI**, student in Electronics and communication Engineering (ECE) of Vignan's Institute of Management and Technology for Women, Kondapur, Hyderabad, has successfully completed a summer internship in the field of **Machine Learning and Data Science** from 03rd March 2022 to 16 June 2022.

During the period of his internship program with us she had been exposed to different process was found punctual, hardworking and inquisitive.



AKKI BHARATHI
PRINCIPAL
Vignan's Institute of Management & Technology For Women
Kondapur(V), Ghatkesar(M), Medchal-Malkajgiri(D)-501301
Telangana State



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CERTIFICATE OF INTERNSHIP

This is to certify that

EDUGU RAJITHA

From Vignan's Institute of Management and
Technology For Women, has done his/her internship on **Data
Science** in our organization **Worksbot Applications Pvt.Ltd.,
Chennai** from **November 2021-March 2022**

We wish him/her all the best for the future.



Arun Kumar G
Assistant Manager HR



Month June 2022



Principal
PRINCIPAL
Vignan's Institute of Management & Technology For Women
Kondapur(V), Ghatkesar(M), Medchal-Malkajgiri(Dt)-501301
Telangana State

EXPERIENCE CERTIFICATE

To **GODAVARTHI ANUSHA**

This is to certify that **GODAVARTHI ANUSHA** has successfully completed the internship from 05th Dec 2021 to 15th May 2022. During internship tenure we found her extremely resourceful in all the tasks that were given.

The project undertaken was in “**Business Development and Marketing**” vertical as an intern for inmovidu Technologies Private Limited.

We found her to be a good team player besides being a hard worker. I here by certify her work was satisfactory to the best of my knowledge.

We wish you success in your future endeavors

Regards,



Neha Sharma
HR Associate Manager



PRINCIPAL
Vignani's Institute of Management & Technology For Women
Kondapur(V), Medchal-Malkajgiri(Dt)-501301
Telangana State



BHAGWATI
PRODUCTS LIMITED

Date: 13 -06 -2022

CERTIFICATE OF INTERNSHIP

This is to certify that GOKA ANUSHA 20UP5A0404 from the Department of Electronics and communication Engineering, Vignan's Institute of Management and Technology for Women, Kondapur, Ghatkesar, Telangan. Has successfully completed the internship under **IoT Applications With Embedded Systems**. From 6th-May-2022 to 8th-May-2022. We found her sincere and hardworking her performance exceeds expectations and was able to complete the project successfully. We wish her every success in her life and career.

Technical Manager

Bhagwati Products Limited, Hyderabad.



PRINCIPAL
Vignan's Institute of Management & Technology For w...
Kondapur(V),Ghatkesar(M),Medchal-Malkajgiri(Dt.)-501301
Telangana State

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BRAIN O VISION

Date: 13 -06 -2022

To

GOPI VARSHA

Vignan's Institute of Management and Technology for Women.

Kondapur, Ghatkesar, Telangana.

INTERNSHIP CERTIFICATE

This is to certify that GOPI VARSHA has successfully completed the One Month Internship program from **9th - MAY -2022 to 10 -JUNE -2022** with Brain O Vision, Hyderabad. He/ She was working on **Embedded Systems & its Applications** and was actively & diligently involved in the projects and tasks which are assigned. During the span, we found him/her punctual and hardworking person. His/ Her feedback and evolution proved that he/she is a quick learner. Congratulations and Best Wishes.



PRINCIPAL
Vignan's Institute of Management & Technology for Women
Kondapur(V), Ghatkesar(M), Medchal-Malkajgiri(Dt)-501301
Telangana State

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Info.brainovision@gmail.com

www.brainovision.in



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CERTIFICATE OF INTERNSHIP

This is to certify that

JUPALLY NAVYA SRI

From Vignan's Institute of Management and
Technology For Women, has done his/her internship on **Data
Science** in our organization **Worksbot Applications Pvt.Ltd.,
Chennai** from **November 2021-March 2022**

We wish him/her all the best for the future.



Arun Kumar G
Assistant Manager HR

Month June 2022



PRINCIPAL,
Vignan's Institute of Management & Technology For
Women, Chennai-600 091
Tetengena State



Date: 02:07:2022

Certificate of Internship

This is to certify that **KOLA CHETHANA**, student in Electronics and communication Engineering (ECE) of Vignan's Institute of Management and Technology for Women, Kondapur, Hyderabad, has successfully completed a summer internship in the field of **Machine Learning and Data Science** from 03rd March 2022 to 16 June 2022.

During the period of his internship program with us she had been exposed to different process was found punctual, hardworking and inquisitive.



Handwritten signature in green ink
PRINCIPAL
Vignan's Institute of Management & Technology for Women
Kondapur(V), Ghatkesar(M), Medchal-Malkajgiri(D.L.)-501301
Telangana State



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BHAGWATI
PRODUCTS LIMITED

Date: 13 -06 -2022

CERTIFICATE OF INTERNSHIP

This is to certify that KOTTHUR DEVI 20UP5A0408 from the Department of Electronics and communication Engineering, Vignan's Institute of Management and Technology for Women, Kondapur, Ghatkesar, Telangan. Has successfully completed the internship under **IoT Applications With Embedded Systems**. From 6th-May-2022 to 8th-May-2022. We found her sincere and hardworking her performance exceeds expectations and was able to complete the project successfully. We wish her every success in her life and career.

Technical Manager

Bhagwati Products Limited, Hyderabad.



PRINCIPAL
Vignan's Institute of Management & Technology for Women
Kondapur(V),Ghatkesar(M),Medchal-Malkajgiri(DI)-501301
Telangana State

BHAGWATI PRODUCTS LIMITED

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Factory Address: Plot S-1, FAB City, E-City, Srinagar (V), Maheshwaram (M), Rangareddy Dist., Hyderabad, Telangana - 501510.



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CERTIFICATE OF INTERNSHIP

This is to certify that

MUPPANENI SOWMIKA

From Vignan's Institute of Management and
Technology For Women, has done his/her internship on **Data
Science** in our organization **Worksbot Applications Pvt.Ltd.,
Chennai** from **November 2021-March 2022**

We wish him/her all the best for the future.



Arun Kumar G

Assistant Manager HR

Month June 2022



PRINCIPAL
Vignan's Institute of Management & Technology For Women
Kondapur (V), Ghatkesar (M), Medchal-Malkajgiri (91)-501301
Telangana State





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CERTIFICATE OF INTERNSHIP

This is to certify that

ANUMOJU KAVYA

From Vignan's Institute of Management and
Technology For Women, has done his/her internship on **Data
Science** in our organization **Worksbot Applications Pvt.Ltd.,
Chennai** from **November 2021-March 2022**

We wish him/her all the best for the future.



Arun Kumar G
Assistant Manager HR



Month June 2022



PRINCIPAL
Vignan's Institute of Management & Technology For Women
Kondepur(V), Ghatkesar(M), Medchal-Malkajgiri(Dt)-501309
Telangana State



BRAIN O VISION

Date: 13 -06 -2022

To

BANALA SNITHIKA

Vignan's Institute of Management and Technology for Women.
Kondapur, Ghatkesar, Telangana.

INTERNSHIP CERTIFICATE

This is to certify that BANALA SNITHIKA has successfully completed the One Month Internship program from **9th - MAY -2022 to 10 -JUNE -2022** with Brain O Vision, Hyderabad. He/ She was working on **Embedded Systems & its Applications** and was actively & diligently involved in the projects and tasks which are assigned. During the span, we found him/her punctual and hardworking person. His/ Her feedback and evolution proved that he/she is a quick learner. Congratulations and Best Wishes.



PRINCIPAL

Vignan's Institute of Management & Technology For Women
Kondapur(V), Ghatkesar(M), Medchal-Malkajiri(Dt.)-501301

Brain O Vision Solutions India Pvt. Ltd.

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www.fb.com/brainovisionsolutions

EXPERIENCE CERTIFICATE

To B SIVA NAGA SAI SARANYA

This is to certify that **B SIVA NAGA SAI SARANYA** has successfully completed the internship from 05th Dec 2021 to 15th May 2022. During internship tenure we found her extremely resourceful in all the tasks that were given.

The project undertaken was in “**Business Development and Marketing**” vertical as an intern for inmovidu Technologies Private Limited.

We found her to be a good team player besides being a hard worker. I here by certify her work was satisfactory to the best of my knowledge.

We wish you success in your future endeavors

Regards,



Neha Sharma
HR Associate Manager



PRINCIPAL
Vignan's Institute of Management & Technology For Women
Kondapur(V),Ghatkesar(M),Medchal-Malkajiri(Dt)-501301
Telangana State





Date: 13 -06 -2022

CERTIFICATE OF INTERNSHIP

This is to certify that BOGALA ANUSHA 19UP1A0448 from the Department of Electronics and communication Engineering, Vignan's Institute of Management and Technology for Women, Kondapur, Ghatkesar, Telangan. Has successfully completed the internship under **IoT Applications With Embedded Systems**. From 6th-May-2022 to 8th -May-2022. We found her sincere and hardworking her performance exceeds expectations and was able to complete the project successfully. We wish her every success in her life and career.

Technical Manager

Bhagwati Products Limited, Hyderabad.



PRINCIPAL

**Vignan's Institute of Management & Technology For Women
Kondapur(V),Ghatkesar(M),Medchal-Malkajgiri(Dt)-501301
Telangana State**

BHAGWATI PRODUCTS LIMITED

CIN No. - U15412DL2002PLC258355

Registered Address: 4th Floor, 21/14A, Naraina Industrial Area, Phase - 2, New Delhi-110028

Factory Address: Plot S-1, FAB City, E-City, Srinagar (V), Maheshwaram (M), Rangareddy Dist., Hyderabad, Telangana - 501510.



Date: 02:07:2022

Certificate of Internship

This is to certify that **BOKKA HARSHITHA**, student in Electronics and communication Engineering (ECE) of Vignan's Institute of Management and Technology for Women, Kondapur, Hyderabad, has successfully completed a summer internship in the field of **Machine Learning and Data Science** from 03rd March 2022 to 16 June 2022.

During the period of his internship program with us she had been exposed to different process was found punctual, hardworking and inquisitive.



PRINCIPAL
Vignan's Institute of Management & Technology For Women
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Telangana State

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Ph : 040 - 6690 6107 | mail : contactus@coign.net | www.coign.net



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CERTIFICATE OF INTERNSHIP

This is to certify that

BOKKA VARSHITHA

From Vignan's Institute of Management and
Technology For Women, has done his/her internship on **Data
Science** in our organization **Worksbot Applications Pvt.Ltd.,
Chennai** from **November 2021-March 2022**

We wish him/her all the best for the future.



Arun Kumar G
Assistant Manager HR

Month June 2022



PRINCIPAL

Vignan's Institute of Management & Technology For Women
Kondapur(V), Ghatkesar(M), Medchal-Malkajgiri(Dt)-501301
Telangana State

EXPERIENCE CERTIFICATE

To **BOLLEPALLY JASHANVI**


This is to certify that **BOLLEPALLY JASHANVI** has successfully completed the internship from 05th Dec 2021 to 15th May 2022. During internship tenure we found her extremely resourceful in all the tasks that were given.

The project undertaken was in “**Business Development and Marketing**” vertical as an intern for inmovidu Technologies Private Limited.

We found her to be a good team player besides being a hard worker. I here by certify her work was satisfactory to the best of my knowledge.

We wish you success in your future endeavors

Regards,



Neha Sharma
HR Associate Manager



17E, 1st Floor, 18th Cross, Sector 3, HSR Layout, 560102
CIN: U72900KA2016PTC095268 II GSTIN: 29AAEC12254D IZS II PAN: AAEC12254D



PRINCIPAL
Vignee's Institute of Management & Technology For Women,
Kondapur(V), Ghatkesar(M), Medchal-Maikajiri(Dt)-501301
Telangana State



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CERTIFICATE OF INTERNSHIP

This is to certify that

DASI VENKATA SAHITHAYA

From Vignan's Institute of Management and
Technology For Women, has done his/her internship on **Data
Science** in our organization **Worksbot Applications Pvt.Ltd.,
Chennai** from **November 2021-March 2022**

We wish him/her all the best for the future.



Arun Kumar G

Assistant Manager HR

Month June 2022



[Handwritten Signature]
PRINCIPAL

Vignan's Institute of Management & Technology For Women
Kondapur(V), Ghatkesar(M), Medchal-Malkajgiri(Dt)-501301
Telangana State



BRAIN O VISION

Date: 13 -06 -2022

To

DUGYALA VAISHNAVI

Vignan's Institute of Management and Technology for Women.

Kondapur, Ghatkesar, Telangana.

INTERNSHIP CERTIFICATE

This is to certify that DUGYALA VAISHNAVI has successfully completed the One Month Internship program from **9th - MAY -2022 to 10 -JUNE -2022** with Brain O Vision, Hyderabad. He/ She was working on **Embedded Systems & its Applications** and was actively & diligently involved in the projects and tasks which are assigned. During the span, we found him/her punctual and hardworking person. His/ Her feedback and evolution proved that he/she is a quick learner. Congratulations and Best Wishes.



PRINCIPAL

Vignan's Institute of Management & Technology For Women
Kondapur(V), Ghatkesar(M), Medchal-Malkajgiri(Dt)-501 501

Brain O Vision Solutions Pvt. Ltd. Telangana State



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BHAGWATI
PRODUCTS LIMITED

Date: 13 -06 -2022

CERTIFICATE OF INTERNSHIP

This is to certify that GABALE NISHITHA 19UP1A0456 from the Department of Electronics and communication Engineering, Vignan's Institute of Management and Technology for Women, Kondapur, Ghatkesar, Telangan. Has successfully completed the internship under **IoT Applications With Embedded Systems**. From 6th-May-2022 to 8th-May-2022. We found her sincere and hardworking her performance exceeds expectations and was able to complete the project successfully. We wish her every success in her life and career.

Technical Manager

Bhagwati Products Limited, Hyderabad.



PRINCIPAL

**Vignan's Institute of Management & Technology For Women
Kondapur(V),Ghatkesar(M),Medchal-Malkajgiri(Dt)-501301
Telangana State**

BHAGWATI PRODUCTS LIMITED
CIN No. - U15412DL2002PLC258355

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Factory Address: Plot S-1, FAB City, E-City, Srinagar (V), Maheshwaram (M), Rangareddy Dist., Hyderabad, Telangana - 501510.



Date: 02:07:2022

Certificate of Internship

This is to certify that **G. VARDHINI**, student in Electronics and communication Engineering (ECE) of Vignan's Institute of Management and Technology for Women, Kondapur, Hyderabad, has successfully completed a summer internship in the field of **Machine Learning and Data Science** from 03rd March 2022 to 16 June 2022.

During the period of his internship program with us she had been exposed to different process was found punctual, hardworking and inquisitive.



PRINCIPAL

Vignan's Institute of Management & Technology For Women,
Kondapur(V),Ghatkesar(M),Medchal-Malkajiri(Dt)-501301
Telangana State

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CERTIFICATE OF INTERNSHIP

This is to certify that

GUMAMALA SNEHA REDDY

From Vignan's Institute of Management and
Technology For Women, has done his/her internship on **Data
Science** in our organization **Worksbot Applications Pvt.Ltd.,
Chennai** from **November 2021-March 2022**

We wish him/her all the best for the future.



Arun Kumar G

Assistant Manager HR

Month June 2022




PRINCIPAL

Vignan's Institute of Management & Technology For Women
Kondapur(V), Ghatkesar(M), Medchal-Malkajgiri(Dt)-501301
Telangana State

EXPERIENCE CERTIFICATE

To HALDODDI DIVYA

This is to certify that **HALDODDI DIVYA** has successfully completed the internship from 05th Dec 2021 to 15th May 2022. During internship tenure we found her extremely resourceful in all the tasks that were given.

The project undertaken was in “**Business Development and Marketing**” vertical as an intern for inmovidu Technologies Private Limited.

We found her to be a good team player besides being a hard worker. I here by certify her work was satisfactory to the best of my knowledge.

We wish you success in your future endeavors

Regards,



Neha Sharma
HR Associate Manager



PRINCIPAL
Vignen's Institute of Management & Technology For Women
Kondapur(V),Ghatkesar(M),Medchal-Malkajgiri(Dt)-501301
Telangana State



BHAGWATI
PRODUCTS LIMITED

Date: 13 -06 -2022

CERTIFICATE OF INTERNSHIP

This is to certify that JANJIRALA ANUSHA 19UP1A0460 from the Department of Electronics and communication Engineering, Vignan's Institute of Management and Technology for Women, Kondapur, Ghatkesar, Telangan. Has successfully completed the internship under **IoT Applications With Embedded Systems**. From 6th-May-2022 to 8th -May-2022. We found her sincere and hardworking her performance exceeds expectations and was able to complete the project successfully. We wish her every success in her life and career.

Technical Manager

Bhagwati Products Limited, Hyderabad.



PRINCIPAL

**Vignan's Institute of Management & Technology For Women
Kondapur(V), Ghatkesar(M), Medchal-Malkajgiri(Dt)-501301
Telangana State**

BHAGWATI PRODUCTS LIMITED

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BRAIN O VISION

Date: 13 -06 -2022

To

KARKURI SOWMYA

Vignan's Institute of Management and Technology for Women.

Kondapur, Ghatkesar, Telangana.

INTERNSHIP CERTIFICATE

This is to certify that KARKURI SOWMYA has successfully completed the One Month Internship program from **9th - MAY -2022 to 10 -JUNE -2022** with Brain O Vision, Hyderabad. He/ She was working on **Embedded Systems & its Applications** and was actively & diligently involved in the projects and tasks which are assigned. During the span, we found him/her punctual and hardworking person. His/ Her feedback and evolution proved that he/she is a quick learner. Congratulations and Best Wishes.



PRINCIPAL

Vignan's Institute of Management & Technology For Women,
Kondapur(V), Ghatkesar(M), Medchal-Malkajiri(DT)-501301
Telangana State

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Info.brainovision@gmail.com

www.brainovision.in



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CERTIFICATE OF INTERNSHIP

This is to certify that

KALYANAM MOUNIKA

From Vignan's Institute of Management and
Technology For Women, has done his/her internship on **Data
Science** in our organization **Worksbot Applications Pvt.Ltd.,
Chennai** from **November 2021-March 2022**

We wish him/her all the best for the future.



Arun Kumar G
Assistant Manager HR

Month June 2022




PRINCIPAL
Vignan's Institute of Management & Technology For Women
Kondapur(V), Ghatkesar(M), Medchal-Malkajgiri(Dt)-501301
Telangana State



Date: 13 -06 -2022

CERTIFICATE OF INTERNSHIP

This is to certify that KOMMINENI JASMITHA 19UP1A0463 from the Department of Electronics and communication Engineering, Vignan's Institute of Management and Technology for Women, Kondapur, Ghatkesar, Telangan. Has successfully completed the internship under **IoT Applications With Embedded Systems**. From 6th-May-2022 to 8th-May-2022. We found her sincere and hardworking her performance exceeds expectations and was able to complete the project successfully. We wish her every success in her life and career.

Technical Manager

Bhagwati Products Limited, Hyderabad.

BHAGWATI PRODUCTS LIMITED

CIN No. - U15412DL2002PLC258355

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Factory Address: Plot S-1, FAB City, E-City, Srinagar (V), Maheshwaram (M), Rangareddy Dist., Hyderabad, Telangana - 501510.



PRINCIPAL

**Vignan's Institute of Management & Technology For Women
Kondapur(V), Ghatkesar(M), Medchal-Malkajgiri(Dt)-501301
Telangana State**



Date: 02:07:2022

Certificate of Internship

This is to certify that **KONDERU SRAVYA**, student in Electronics and communication Engineering (ECE) of Vignan's Institute of Management and Technology for Women, Kondapur, Hyderabad, has successfully completed a summer internship in the field of **Machine Learning and Data Science** from 03rd March 2022 to 16 June 2022.

During the period of his internship program with us she had been exposed to different process was found punctual, hardworking and inquisitive.



PRINCIPAL

Vignan's Institute of Management & Technology For Women
Kondapur(V), Ghatkesar(M), Medchal-Malkajgiri(Dt)-501301
Telangana State

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CERTIFICATE OF INTERNSHIP

This is to certify that

LAKAMGARI PRASANNA LAXMI REDDY

From Vignan's Institute of Management and
Technology For Women, has done his/her internship on **Data
Science** in our organization **Worksbot Applications Pvt.Ltd.,
Chennai** from **November 2021-March 2022**

We wish him/her all the best for the future.



Arun Kumar G
Assistant Manager HR

Month June 2022




PRINCIPAL

Vignan's Institute of Management & Technology For Women
Kondapur(V), Ghatkesar(M), Medchal-Malkajgiri(Dt)-501301
Telangana State

EXPERIENCE CERTIFICATE

To **GADDAM LIKHITHA**

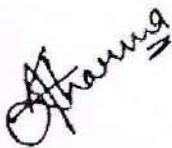
This is to certify that **GADDAM LIKHITHA** has successfully completed the internship from 05th Dec 2021 to 15th May 2022. During internship tenure we found her extremely resourceful in all the tasks that were given.

The project undertaken was in “**Business Development and Marketing**” vertical as an intern for inmovidu Technologies Private Limited.

We found her to be a good team player besides being a hard worker. I here by certify her work was satisfactory to the best of my knowledge.

We wish you success in your future endeavors

Regards,



Neha Sharma
HR Associate Manager



PRINCIPAL
Vignan's Institute of Management & Technology For Women
Kondapur(V), Ghatkesar(M), Medchal-Malkajgiri(Dt)-501301
Telangana State



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CERTIFICATE OF INTERNSHIP

This is to certify that

MALGIREDDY YOGITHA REDDY

From Vignan's Institute of Management and
Technology For Women, has done his/her internship on **Data
Science** in our organization **Worksbot Applications Pvt.Ltd.,
Chennai** from **November 2021-March 2022**

We wish him/her all the best for the future.



Arun Kumar G
Assistant Manager HR

Month June 2022




PRINCIPAL
Vignan's Institute of Management & Technology For Women
Kondapur(V), Ghatkesar(M), Medchal-Malkajgiri(Dt)-501301
Telangana State



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CERTIFICATE OF INTERNSHIP

This is to certify that

MEDA BHUVANESWARI

From Vignan's Institute of Management and
Technology For Women, has done his/her internship on **Data
Science** in our organization **Worksbot Applications Pvt.Ltd.,
Chennai** from **November 2021-March 2022**

We wish him/her all the best for the future.



Arun Kumar G
Assistant Manager HR

Month June 2022



PRINCIPAL

Vignan's Institute of Management & Technology For Women
Kondapur(V), Ghatkesar(M), Medchal-Malkajiri(Dt)-501301
Telangana State



BRAIN O VISION

Date: 13 -06 -2022

To

PADAKULA UMA

Vignan's Institute of Management and Technology for Women.

Kondapur, Ghatkesar, Telangana.

INTERNSHIP CERTIFICATE

This is to certify that PADAKULA UMA has successfully completed the One Month Internship program from **9th - MAY -2022 to 10 -JUNE -2022** with Brain O Vision, Hyderabad. He/ She was working on **Embedded Systems & its Applications** and was actively & diligently involved in the projects and tasks which are assigned. During the span, we found him/her punctual and hardworking person. His/ Her feedback and evolution proved that he/she is a quick learner. Congratulations and Best Wishes.



PRINCIPAL

Vignan's Institute of Management & Technology For Women
Kondapur(V), Ghatkesar(M), Medchal-Malkajgiri(Dt)-501301
Telangana State

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www.brainovision.in

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www.fb.com/brainovisionsolutions



BHAGWATI
PRODUCTS LIMITED

Date: 13 -06 -2022

CERTIFICATE OF INTERNSHIP

This is to certify that RAVULA HIRANMAI 19UP1A0473 from the Department of Electronics and communication Engineering, Vignan's Institute of Management and Technology for Women, Kondapur, Ghatkesar, Telangan. Has successfully completed the internship under **IoT Applications With Embedded Systems**. From 6th-May-2022 to 8th -May-2022. We found her sincere and hardworking her performance exceeds expectations and was able to complete the project successfully. We wish her every success in her life and career.

Technical Manager

Bhagwati Products Limited, Hyderabad.

BHAGWATI PRODUCTS LIMITED

CIN No. - U15412DL2002PLC258355

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Factory Address: Plot S-1, FAB City, E-City, Srinagar (V), Maheshwaram (M), Rangareddy Dist., Hyderabad, Telangan - 501510.



PRINCIPAL

**Vignan's Institute of Management & Technology For Women
Kondapur(V), Ghatkesar(M), Medchal-Malkajgiri(Dt)-501301
Telangana State**

Certificate of Internship

This is to certify that **SHANIGALA CHANDANA**, student in Electronics and communication Engineering (ECE) of Vignan's Institute of Management and Technology for Women, Kondapur, Hyderabad, has successfully completed a summer internship in the field of **Machine Learning and Data Science** from 03rd March 2022 to 16 June 2022.

During the period of his internship program with us she had been exposed to different process was found punctual, hardworking and inquisitive.



PRINCIPAL

Vignan's Institute of Management & Technology For Women
Kondapur(V), Ghatkesar(M), Medchal-Malkajiri(Dt)-501301
Telangana State

* COIGN CONSULTANTS PVT. LTD.,



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CERTIFICATE OF INTERNSHIP

This is to certify that

MORAPALLY SIRI CHANDANA REDDY

From Vignan's Institute of Management and
Technology For Women, has done his/her internship on **Data
Science** in our organization **Worksbot Applications Pvt.Ltd.,
Chennai** from **November 2021-March 2022**

We wish him/her all the best for the future.

Month June 2022



Arun Kumar G
Assistant Manager HR

PRINCIPAL

Vignan's Institute of Management & Technology For Women
Kondapur(V), Ghatkesar(M), Medchal-Malkajgiri(Dt)-501301
Telangana State



Date: 13 -06 -2022

CERTIFICATE OF INTERNSHIP

This is to certify that T. SREYA REDDY 19UP1A0477 from the Department of Electronics and communication Engineering, Vignan's Institute of Management and Technology for Women, Kondapur, Ghatkesar, Telangan. Has successfully completed the internship under **IoT Applications With Embedded Systems**. From 6th-May-2022 to 8th -May-2022. We found her sincere and hardworking her performance exceeds expectations and was able to complete the project successfully. We wish her every success in her life and career.

Technical Manager

Bhagwati Products Limited, Hyderabad.



PRINCIPAL

**Vignan's Institute of Management & Technology For Women
Kondapur(V), Ghatkesar(M), Medchal-Malkajiri(Dt)-501301
Telangana State**

BHAGWATI PRODUCTS LIMITED

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BRAIN O VISION

Date: 13 -06 -2022

To

THAMATAM AKSHITHA

Vignan's Institute of Management and Technology for Women.

Kondapur, Ghatkesar, Telangana.

INTERNSHIP CERTIFICATE

This is to certify that THAMATAM AKSHITHA has successfully completed the One Month Internship program from **9th - MAY -2022 to 10 -JUNE -2022** with Brain O Vision, Hyderabad. He/ She was working on **Embedded Systems & its Applications** and was actively & diligently involved in the projects and tasks which are assigned. During the span, we found him/her punctual and hardworking person. His/ Her feedback and evolution proved that he/she is a quick learner. Congratulations and Best Wishes.



PRINCIPAL
Vignan's Institute of Management & Technology For Women
Kondapur(V), Ghatkesar(M), Medchal-Malkajgiri(Dt)-501301
Telangana State

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CERTIFICATE OF INTERNSHIP

This is to certify that

TURPU SHRAVANI

From Vignan's Institute of Management and
Technology For Women, has done his/her internship on **Data
Science** in our organization **Worksbot Applications Pvt.Ltd.,
Chennai** from **November 2021-March 2022**

We wish him/her all the best for the future.



Arun Kumar G

Assistant Manager HR

Month June 2022



PRINCIPAL

Vignan's Institute of Management & Technology For Women
Kondapur(V), Ghatkesar(M), Medchal-Malkajgiri(Dt)-501301
Telangana State



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CERTIFICATE OF INTERNSHIP

This is to certify that

VANGETI BANNY

From Vignan's Institute of Management and
Technology For Women, has done his/her internship on **Data
Science** in our organization **Worksbot Applications Pvt.Ltd.,
Chennai** from **November 2021-March 2022**

We wish him/her all the best for the future.



Arun Kumar G
Assistant Manager HR

Month June 2022




PRINCIPAL
Vignan's Institute of Management & Technology For Women
Kondapur(V), Ghatkesar(M), Medchal-Maikajgir(Dt)-501301
Telangana State

EXPERIENCE CERTIFICATE

To **VENNAMANENI ANOUSHIKA**

This is to certify that **VENNAMANENI ANOUSHIKA** has successfully completed the internship from 05th Dec 2021 to 15th May 2022. During internship tenure we found her extremely resourceful in all the tasks that were given.

The project undertaken was in “**Business Development and Marketing**” vertical as an intern for immovidu Technologies Private Limited.

We found her to be a good team player besides being a hard worker. I here by certify her work was satisfactory to the best of my knowledge.

We wish you success in your future endeavors

Regards,



Neha Sharma
HR Associate Manager



PRINCIPAL
Vignaa's Institute of Management & Technology For Women
Kondapur(V),Ghatkesar(M),Medchal-Malkajgiri(Dt)-501301
Telangana State



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CERTIFICATE OF INTERNSHIP

This is to certify that

NAGARAM ANUSHA

From Vignan's Institute of Management and
Technology For Women, has done his/her internship on **Data
Science** in our organization **Worksbot Applications Pvt.Ltd.,
Chennai** from **November 2021-March 2022**

We wish him/her all the best for the future.



Arun Kumar G

Assistant Manager HR

Month June 2022



PRINCIPAL

Vignan's Institute of Management & Technology For Women
Kondapur(V), Ghatkesar(M), Medchal-Malkajgiri(Dt)-501301
Telangana State



BRAIN O VISION

Date: 13 -06 -2022

To

NAKKA YAMINI

Vignan's Institute of Management and Technology for Women.

Kondapur, Ghatkesar, Telangana.

INTERNSHIP CERTIFICATE

This is to certify that NAKKA YAMINI has successfully completed the One Month Internship program from **9th - MAY -2022 to 10 -JUNE -2022** with Brain O Vision, Hyderabad. He/ She was working on **Embedded Systems & its Applications** and was actively & diligently involved in the projects and tasks which are assigned. During the span, we found him/her punctual and hardworking person. His/ Her feedback and evolution proved that he/she is a quick learner. Congratulations and Best Wishes.



PRINCIPAL

Vignan's Institute of Management & Technology For Women
Kondapur(V), Ghatkesar(M), Medchal-Malkajiri(Dt)-501301

Brain O Vision Solutions ~~Telangana~~ State

Info.brainovision@gmail.com

www.brainovision.in

Mohan's Elite, 1st Floor, H.No: 2-56/5/50, Madhapur, Khanampet, Hyd - 500 081.
www.fb.com/brainovisionsoultions

EXPERIENCE CERTIFICATE

To **NATTUVA BHARGAVI**

This is to certify that **NATTUVA BHARGAVI** has successfully completed the internship from 05th Dec 2021 to 15th May 2022. During internship tenure we found her extremely resourceful in all the tasks that were given.

The project undertaken was in “**Business Development and Marketing**” vertical as an intern for inmovidu Technologies Private Limited.

We found her to be a good team player besides being a hard worker. I here by certify her work was satisfactory to the best of my knowledge.

We wish you success in your future endeavors

Regards,



Neha Sharma
HR Associate Manager



PRINCIPAL
Vignan's Institute of Management & Technology For Women
Kondapur(V),Ghatkesar(M),Medchal-Malkajgiri(Dt)-501301
Telangana State



BHAGWATI
PRODUCTS LIMITED

Date: 13 -06 -2022

CERTIFICATE OF INTERNSHIP

This is to certify that PALASA CHANDANA 20UP5A0413 from the Department of Electronics and communication Engineering, Vignan's Institute of Management and Technology for Women, Kondapur, Ghatkesar, Telangan. Has successfully completed the internship under **IoT Applications With Embedded Systems**. From 6th-May-2022 to 8th-May-2022. We found her sincere and hardworking her performance exceeds expectations and was able to complete the project successfully. We wish her every success in her life and career.

Technical Manager

Bhagwati Products Limited, Hyderabad.



PRINCIPAL

**Vignan's Institute of Management & Technology For Women
Kondapur(V),Ghatkesar(M),Medchal-Malkajgiri(Dt)-501301
Telangana State**

BHAGWATI PRODUCTS LIMITED

CIN No. - U15412DL2002PLC258355

Registered Address: 4th Floor, 21/14A, Naraina Industrial Area, Phase - 2, New Delhi-110028

Factory Address: Plot S-1, FAB City, E-City, Srinagar (V), Maheshwaram (M), Rangareddy Dist., Hyderabad, Telangana - 501510.



Date: 02:07:2022

Certificate of Internship

This is to certify that **SANKURI SRAVANI**, student in Electronics and communication Engineering (ECE) of Vignan's Institute of Management and Technology for Women, Kondapur, Hyderabad, has successfully completed a summer internship in the field of **Machine Learning and Data Science** from 03rd March 2022 to 16 June 2022.

During the period of his internship program with us she had been exposed to different process was found punctual, hardworking and inquisitive.



Vignan's Institute of Management & Technology For Women
Kondapur(V),Ghatkesar(M),Medchal-Malkajigiri(Dt)-501301
Telangana State

COIGN CONSULTANTS PVT. LTD.,

#S11, 5th Floor, Ballad Estates, Tarnaka, Secunderabad -500 017.
Ph : 040 - 6690 6107 | mail : contactus@coign.net | www.coign.net



Date: 02:07:2022

Certificate of Internship

This is to certify that **T ANUSHA**, student in Electronics and communication Engineering (ECE) of Vignan's Institute of Management and Technology for Women, Kondapur, Hyderabad, has successfully completed a summer internship in the field of **Machine Learning and Data Science** from 03rd March 2022 to 16 June 2022.

During the period of his internship program with us she had been exposed to different process was found punctual, hardworking and inquisitive.



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EXPERIENCE CERTIFICATE

To VADDABOINA NAMRATHA

This is to certify that VADDABOINA NAMRATHA has successfully completed the internship from 05th Dec 2021 to 15th May 2022. During internship tenure we found her extremely resourceful in all the tasks that were given.

The project undertaken was in “**Business Development and Marketing**” vertical as an intern for inmovidu Technologies Private Limited.

We found her to be a good team player besides being a hard worker. I here by certify her work was satisfactory to the best of my knowledge.

We wish you success in your future endeavors

Regards,



Neha Sharma
HR Associate Manager



PRINCIPAL
Vignani's Institute of Management & Technology For Women
Kondapur(V), Chatkassar(M), Medchal-Malkajgiri(Dt)-501301
Telangana State

Certificate of Internship

This is to certify that **VINDHYA DARSHINIP**, student in Electronics and communication Engineering (ECE) of Vignan's Institute of Management and Technology for Women, Kondapur, Hyderabad, has successfully completed a summer internship in the field of **Machine Learning and Data Science** from 03rd March 2022 to 16 June 2022.

During the period of his internship program with us she had been exposed to different process was found punctual, hardworking and inquisitive.



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Department of Computer Science and Engineering

Admitted Batch: 2018

A.Y. 2021-2022

IV B.TECH-II SEM- MAJOR PROJECT LIST

IV CSE-A

S. No	Batch No	Roll Number	Student Name	Title Name	Guide Name
1	MJ18-A1	18UP1A0522	Koppu Alekhya	Clustering Based Collaborative Filtering Using Incentivized / Penalized User Model	Mr. K. Bharath Reddy
2		18UP1A0552	V. Shravya		
3		18UP1A0554	V. Jagadeeswari		
4		18UP1A0505	B. Pranathi		
5	MJ18-A2	18UP1A0521	Karla Keerthana	Covid - 19 Detection using Huristic Machine Learning ALgorithm	Dr. S. Rangaswamy
6		18UP1A0555	Vunnam Sushmithasiri		
7		18UP1A0501	Anreddy Pooja Sree		
8		18UP1A0513	Gujja Harshitha Reddy		
9	MJ18-A3	18UP1A0519	K Navya	Mobile Price Prediction Using Machine Learning Techniques.	Mrs. K. Helini
10		18UP1A0548	T.Priyanka		
11	MJ18-A4	18UP1A0533	Palvai Nikhitha	Performance Analysis of Data Mining Techniques on Data Segmentation	Dr. P. Rajendra prasad
12		18UP1A0510	D.Swapna		
13		18UP1A0534	Panjala Chandana		
14		18UP1A0538	P. Niharika		
15	MJ18-A5	18UP1A0530	Nangunuri Akhila	Smart Trolley Using Iot Module	Mr. U. Venkat Rao
16		18UP1A0527	M.Mahima		
17		18UP1A0539	Pothureddypalli Ikyatha		
18		18UP1A0557	Manepalli Eswari Sai Sarayu		



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S. No	Batch No	Roll Number	Student Name	Title Name	Guide Name
19	MJ18-A6	18UP1A0544	Sai Mounika Viyyapu	Semi Supervised Machine Learning Approach For DDOS Detection	Dr. C. Srinivasa Kumar
20		18UP1A0541	Raparathi Sathvika		
21		18UP1A0504	Balne Unvitha		
22		18UP1A0517	K Rishika		
23	MJ18-A7	18UP1A0514	Gajula Vidya	Adsherlock: Efficient And Deployable Click Fraud Detection For Mobile Applications	Mrs. B. Geetha
24		18UP1A0558	Indela Dharani		
25		18UP1A0503	Avula Kavya Sri		
26		18UP1A0515	G.Komali		
27	MJ18-A8	18UP1A0536	Pasham Shravani	Sign Language Recognition Using Machine Learning	Dr. S. Ranga Swamy
28		18UP1A0551	V Pragathi		
29		18UP1A0537	Pasunuti Sindhu		
30		18UP1A0520	Kappari Sowmya		
31	MJ18-A9	18UP1A0547	S Maneesha	Smart Security Gadget for women Safety using IoT	Mr. M. Vishnu Vardhana Rao
32		18UP1A0512	E.Nandini		
33		18UP1A0502	A.Sadhana		
34		186P1A0539	R. Sri Vaishnavi		
35	MJ18-A10	18UP1A0525	Miriyala Reshika	Fake News Detection Using Machine Learning	Dr. Ch. Basavaraj
36		18UP1A0516	J. Prasanna		
37		18UP1A0526	M. Manasa		
38		18UP1A0532	N. Rishita		
39	MJ18-A11	18UP1A0529	Muppalla Sai Sre	Food Distribution System Using Block Chain Technology	Mrs. M Uma Devi
40		18UP1A0507	C.Mahima Chandra		
41		18UP1A0540	R.Bindu		
42		18UP1A0550	T.Nikitha		



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S. No	Batch No	Roll Number	Student Name	Title Name	Guide Name
43	MJ18-A12	18C21A0501	A. Swetha	Iot Based Real Time Digital Led Notification Display Board Using Node Mcu Via Telegram Messenger App	Mr. U. Venkat Rao
44		18C21A0520	K. Raga Sudha		
45		18C21A0522	K. Srilekha		
46		18C21A0561	P. Prathyusha		
47	MJ18-A13	18UP1A0545	S.Ramasai	A Smart Anti-Theft System For Vehicle Security	Mrs. V. Rupa
48		18UP1A0509	D.Ragapriya		
49		18UP1A0546	S. Priyanshi		
50		18UP1A0528	M. Yoshnavi		
51	MJ18-A14	18UP1A0543	S Meghana	Automatic Portable Medicine Remainder System	Mr. G. Rajesh
52		18UP1A0508	D.Ruchitha		
53		18UP1A0511	Devishetti Ashritha		
54		18UP1A0553	Vemula Sai Esha		
55	MJ18-A15	18UP1A0506	B Vyshnavi	A Hybrid Approach For Detecting Automated Spammers In Twitter	Dr. A. Sudhir Babu
56		18UP1A0523	Kotha Sravani		
57		18UP1A0524	M.Sravani		
58		18UP1A0549	Talapalli Sahithi		


Project Coordinator


HOD-CSE

Head of the Department
Computer Science & Engineering
Vignans Institute of Management & Technology for Women
Kondapur (V), Ghatkesar (M), Medchal-Malkajgiri (D) - 501 301
Telangana State


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Department of Computer Science and Engineering

Admitted Batch: 2018

A.Y. 2021-2022

IV B.TECH-II SEM- MAJOR PROJECT LIST

IV CSE-B

S.No	Batch No	Roll Number	Student Name	Title Name	Guide Name
1	MJ18-B1	18UP1A0585	Medhireddy Sharanya Reddy	Advanced Data Security Using Hybrid Cryptography And Steganography	DR. A. Sudhir Babu
2		18UP1A0590	Neela Akhila		
3		18UP1A0574	Gutta Lathika Chowdary		
4	MJ18-B2	18UP1A0564	Bheemaraju Lakshmi Manasa	A New Deep-Learning-Based Approach For Earthquake Triggered Landslide	Mrs. M. Sravani
5		18UP1A0582	Machan Anuksha		
6		18UP1A05A0	Sakkirolla Sriraaga		
7		18UP1A0570	Damsani Srija		
8	MJ18-B3	18UP1A05B0	Uppuluri Bharathi	Traffic Sign Recognition For Autonomous Vehicles Using Cnn	Dr. P. Rajendra Prasad
9		18UP1A05A5	Siliveri Rasagnya		
10		18UP1A0587	Miryala Pooja		
11		18UP1A05B3	Yamajala Sai Venkata Naga Sriya		
12	MJ18-B4	18UP1A0589	Narikonda Bhanu sree	Hybrid Intrusion Detection System Using Machine Learning Techniques In Cloud Computing Environments	Mr. U. Venkat Rao
13		18UP1A0588	N Naga Deepthi		
14		18UP1A0596	Rakkireddy Vinitha		
15	MJ18-B5	18UP1A0562	Arvapalli Bhagya Chandana	Vehicle Count Prediction Using Sensor Data	Mr. R. Krishna Naik
16		18UP1A0577	Kallutla Jaya Sindhuri		
17		18UP1A05A2	Sangeetha		
18		18UP1A05A1	Samala Akshitha		



[Signature]
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S. No	Batch No	Roll Number	Student Name	Title Name	Guide Name
19	MJ18-B6	18UP1A0579	K Vasavi	Automatic Reader For Blind People Using Raspberry-Pi	Dr. C. Srinivasa Kumar
20		18UP1A05A6	S Sai Niharika		
21		18UP1A05A4	Shaista Sameen		
22		18UP1A0571	G Abhi Sri		
23	MJ18-B7	18UP1A05A3	Savalam Bhavani	Performance Analysis of Machine Learning Techniques Using for Intrusion Detection	Mr. Ch. Sunil
24		18UP1A0599	Sai Nikhitha		
25		18UP1A0598	R. Ridhima		
26	MJ18-B8	18UP1A0560	Alapati Harshini	Smart Parking System based on IOT	Mr. K. Bharath Reddy
27		18UP1A0580	Kotha Srinidhi		
28		18UP1A05A7	Sri Vani Madhav		
29		18UP1A0591	Neelapala Monika		
30	MJ18-B9	18UP1A0559	A Yagnamukhi	IOT Based Smart Mirror	Mr. B. Phijik
31		18UP1A0593	P Hemalatha		
32		18UP1A0595	Raavi Harshitha		
33		18UP1A05B2	Vinjamuri Navya		
34	MJ18-B10	18UP1A0565	Bojja Priyanka	Performance Analysis of Machine Learning Algorithms in web Attack Detection	Mrs. K. Prathyusha
35		18UP1A0584	Matroju Shravya		
36		18UP1A0563	Bathina Harshitha		
37		19UP5A0502	Sevella Sravanthi		
38	MJ18-B11	18UP1A0561	A Jashwitha	Auto Temperature And Mask Scanning Entry System	Dr. A. Sudhir Babu
39		18UP1A05B1	Vemula Pavani		
40		18UP1A0569	Chirala Ramya		
41	MJ18-B12	18UP1A0576	Jillala Mysasree	Accuracy Classification And Detection Of Cyber Bullying Tweets Using Machine Learning	Dr. CH. Basavaraj
42		18UP1A0578	Korrapathi Mrudhula		
43		18UP1A0575	J Lalitha Priya		
44		18UP1A0581	Manepalli Pooja Sai Sree		



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S. No	Batch No	Roll Number	Student Name	Title Name	Guide Name
45	MJ18-B13	18UP1A0566	Bramanapally Supriya	Student Management System	Mr. M. Vishnu Vardhana Rao
46		18UP1A0567	Cheeli Swetha		
47		18UP1A0568	Chilam Anuradha		
48		19UP5A0501	Palle Kavya		
49	MJ18-B14	18UP1A05B4	Yerukala Nuthana	Object Detection Using Yolo Algorithm	Dr P Rajendra Prasad
50		18UP1A05A8	Tadisetti Sravya		
51		18UP1A0583	M. Manasa		
52		18UP1A0573	Gollapudi Likhita		
53	MJ18-B15	18UP1A0586	M Harshitha	Green House Monitoring System using IOT	Dr. S. Ranga Swamy
54		18UP1A0597	R Sushma		
55		18UP1A0572	G Hemalatha		


Project Coordinator


HOD-CSE

Head of Centre
Computer Science and
Vignan's Institute of Management & Technology for Women
Kondapur (V), Ghatkesar (M), Medchal - Malkajgiri (D) - 501 301
Telangana State




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Telangana State



VIGNAN'S INSTITUTE OF MANAGEMENT AND
TECHNOLOGY FOR WOMEN
DEPARTMENT OF COMPUTER SCIENCE AND
ENGINEERING



CERTIFICATE

This is to certify that project report entitled "CLUSTERING BASED
COLLABORATIVE FILTERING USING INCENTIVIZED /PENALIZED
USER MODEL" submitted by

K.ALEKHYA (18UP1A0522)
V.SHRAVYA (18UP1A0552)
V.JAGADESHWARI (18UP1A0554)
B.PRANATHI (18UP1A0505)

in the partial fulfilment of the requirements for the award of degree of Bachelor of
Technology in Computer Science and Engineering VIGNAN'S INSTITUTE OF
MANAGEMENT AND TECHNOLOGY FOR WOMEN is a record of team's own work
carried under our supervision and guidance.

Dr. A. SUDHIR BABU
(Professor)

(Head of the Department)

Head of the Department

Computer Science and Engineering

Vignani's Institute of Management & Technology For Women
Kondapur (V), Ghatkesar (M), Medchal-Malkajgiri (Dt)-501301

(External Examiner)

Mr. K. BHARATH REDDY
(Assistant Professor)
(Project Guide)



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Vignani's Institute of Management & Technology For Women
Kondapur(V),Ghatkesar(M),Medchal-Malkajgiri(Dt)-501301
Telangana State



VIGNAN'S INSTITUTE OF MANAGEMENT
AND TECHNOLOGY FOR WOMEN



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

This is to certify that project report entitled "COVID-19 DETECTION USING HURISTIC MACHINE LEARNING ALGORITHM" submitted by K.Keerthana (18UP1A0521), V.Sushmitha(18UP1A0555), A.Pooja Sree(18UP1A0501), G.Harshitha(18UP1A0513) in the partial fulfilment of the requirements for the award of degree of Bachelor of Technology in Computer Science and Engineering VIGNAN'S INSTITUTE OF MANAGEMENT AND TECHNOLOGY FOR WOMEN is a record of team's own work carried under our supervision and guidance.

Dr. A. SUDHIR BABU
(Professor)
(Head of the Department)

Dr. S. RANGA SWAMY
(Associate Professor in CSE)
(Project Guide)

Head of the Department
Computer Science and Engineering
Vignan's Institute of Management & Technology For Women
Kondapur (V), Ghatkesar (M), Medchal-Malkajgiri (Dt.)-501301
Telangana State

External Examiner



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Telangana State



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WOMEN



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

This is to certify that project work entitled "MOBILE PRICE PREDICTION USING MACHINE LEARNING" submitted by

K.NAVYA (18UP1A0519)

T.PRIYANKA (18UP1A0548)

In the partial fulfillment of the requirements for the award of the degree of Bachelor of Technology in Computer Science and Engineering VIGNAN'S INSTITUTE OF MANAGEMENT AND TECHNOLOGY FOR WOMEN is a record of bonafide work carried by her under my guidance and supervision.

Helini

Mrs.K.HELINE
Project Guide

AS

Dr. A. SUDHIR BABU
HOD:CSE

Head of the Department
Computer Science and Engineering
Vignan's Institute of Management & Technology For Women
Kondapur (V), Ghatkesar (M), Medchal-Malkajgiri (Dt.)-501301

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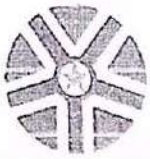
EXTERNAL EXAMINER



AS

PRINCIPAL

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Telangana State



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TECHNOLOGY FOR WOMEN
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



CERTIFICATE

This is to certify that project work entitled "PERFORMANCE ANALYSIS OF DATA MINING TECHNIQUES ON DATA SEGMENTATION" submitted by


P. NIKHITHA (18UPIA0533)


D. SWAPNA (18UPIA0510)

P. CHANDANA (18UPIA0534)

P. NEEHARIKA (18UPIA0538)

in the partial fulfillment of the requirements for the award of the degree of Bachelor of Technology in Computer Science and Engineering VIGNAN'S INSTITUTE OF MANAGEMENT AND TECHNOLOGY FOR WOMEN is a record of bonafide work carried by them under my guidance and supervision.


Dr. P. RAJENDRA PRASAD
(Assistant Professor)
(Project Guide)


Dr. A. SUDHIR BABU
(Professor)
(Head of the Department)

Head of the Department
Computer Science and Engineering
Vignan's Institute of Management & Technology For Women
Kondapur (V), Ghatkesar (M), Medchal-Malkajgiri (Dt.)-501301




EXTERNAL EXAMINER


PRINCIPAL
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Telangana State




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TECHNOLOGY FOR WOMEN




DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING


CERTIFICATE

This is to certify that project report entitled "SMART TROLLEY USING IOT MODULE" submitted by N.AKHILA (18UP1A0530), M.MAHIMA (18UP1A0527), P.JKYATHA (18UP1A0539), M.SARAYU (18UP1A0557) in the partial fulfilment of the requirements for the award of degree of Bachelor of Technology in computer Science and Engineering VIGNAN'S INSTITUTE OF MANAGEMENT AND TECHNOLOGY FOR WOMEN is a record of team's own work carried under our supervision and guidance.


Dr. A. SUDHIR BABU
(Professor)
(Head of the Department)


Mr. U. VENKAT RAO
(Assistant Professor in CSE)
(Project Guide)

~~Head~~ of the Department
Computer Science and Engineering
Vignans Institute of Management & Technology For Women
Kondapur (V), Ghatkesar (M), Medchal-Malkajgiri (DL), Telangana State


External Examiner




PRINCIPAL
Vignans Institute of Management & Technology For Women
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

This is to certify that project report entitled "SEMI-SUPERVISED MACHINE
LEARNING APPROACH FOR DDOS DETECTION" submitted by

V.SAI MOUNIKA (18UP1A0544)

R.SATHVIKA (18UP1A0541)

B.UNVITHA (18UP1A0504)

K.RISHIKA (18UP1A0517)

In the partial fulfillment of the requirements for the award of degree of Bachelor of
Technology in Computer Science and Engineering VIGNAN'S INSTITUTE OF
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own work carried under our supervision and guidance.

DR.C.SRINIVASA KUMAR
(Professor in CSE and Dean)
(Project Guide)

DR.A.SUDHIR BABU
(Professor in CSE)
(Head of the Department)

Head of the Department
Computer Science and Engineering
Vignan's Institute of Management & Technology For Women
Kondapur (V), Ghatkesar (M), Medchal-Malkajgiri (Dt.)-501301

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

This is to certify that project report entitled "ADSHERLOCK EFFICIENT
AND DEPLOYABLE CLICK FRAUD DETECTION FOR MOBILE
APPLICATIONS" submitted by

G. VIDYA	(18UP1A0514)
I. DHARANI	(18UP1A0558)
A. KAVYA SRI	(18UP1A0503)
G. KOMALI	(18UP1A0515)

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Mrs. B. Geetha
Assistant professor
Project Guide

Dr. A. Sudhir babu
Head of the department
Head of the Department
Computer Science and Engineering
Vignan's Institute of Management & Technology For Women
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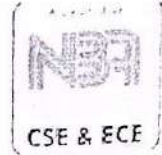
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
CERTIFICATE

This is to certify that project report entitled "SIGN LANGUAGE RECOGNITION
USING MACHINE LEARNING" submitted by

P. SHRAVANI	(18UP1A0536)
V.PRAGATHI	(18UP1A0551)
P. SINDHU	(18UP1A0537)
K. SOWMYA	(18UP1A0520)

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Technology in Computer Science and Engineering VIGNAN'S INSTITUTE OF
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Dr. A. SUDHIR BABU
Head of the Department
Professor in CSE

Head of the Department

Computer Science and Engineering
Vignan's Institute of Management & Technology For Women
Kondapur (V), Ghatkesar (M), Medchal-Maikajgiri (Dt.)-501301

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Dr. S. RANGA SWAMY
Associate Professor
Project Guide



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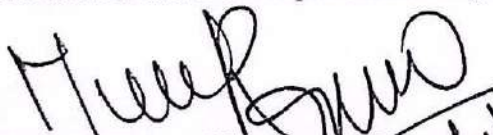
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

This is to certify that project report entitled "SMART SECURITY GADGET FOR
WOMEN SAFETY USING IOT" submitted by

S. MANEESHA	(18UP1A0547)
E. NANDINI	(18UP1A0512)
A. SADHANA	(18UP1A0502)
R. SRI VAISHNAVI	(186P1A0539)

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Technology in Computer Science and Engineering VIGNAN'S INSTITUTE OF
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work carried under our supervision and guidance.


Mr. M. Vishnu Vardhana Rao
M. Tech (CSE), [Ph.D (CSE)]
Project Guide

8/7/2022



Dr. A. Sudhir babu
Head of the department

Head of the Department
Computer Science and Engineering
Vignan's Institute of Management & Technology for Women
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WOMEN



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

This is to certify that project work entitled "FAKE NEWS DETECTION USING MACHINE LEARNING" submitted by

M.RESHIKA	(18UP1A0525)
J.PRASANNA	(18UP1A0516)
M.MANASA	(18UP1A0526)
N.RISHITA	(18UP1A0532)

in the partial fulfillment of the requirements for the award of the degree of Bachelor of Technology in Computer Science and Engineering VIGNAN'S INSTITUTE OF MANAGEMENT AND TECHNOLOGY FOR WOMEN is a record of bonafide work carried by her under my guidance and supervision.

Dr. BASAVARAJ CHUNCHURE
(Professor)
(Project Guide)

Dr. A. SUDHIR BABU
(Professor)
(Head of the Department)

Head of the Department
Computer Science and Engineering
Vignan's Institute of Management & Technology For Women
Kondapur (V), Ghatkesar (M), Medchal-Malkajgiri (Dt.)-501301



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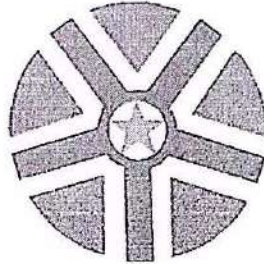
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University, Hyderabad)**

Department of Computer Science and Engineering



CERTIFICATE

This is to certify that this is the bonafide record of the major project entitled
"FOOD DISTRIBUTION USING BLOCKCHAIN TECHNOLOGY" submitted by,

M. SAI SREE (18UP1A0529),

CH. MAHIMA(18UP1A0507),

R. BINDU (18UP1A0540),

T. NIKITHA(18UP1A0550)

of B. Tech in the partial fulfillment of the requirements for the degree of Bachelor of
Technology in Computer Science and Engineering during the year 2021-2022.

Guide

Ms. M. Uma Devi



Head of the Department

Dr. A. Sudhir Babu

Head of the Department
Computer Science and Engineering
Vignan's Institute of Management & Technology for Women
Kondapur (V), Ghatkesar (M), Medchal-Malkajgiri (Dt.)

External Examiner

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Kondapur(V),Ghatkesar(M),Medchal-Malkajgiri(Dt)-501301
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING


CERTIFICATE

This is to certify that project report entitled "IOT BASED REAL TIME DIGITAL
LED NOTIFICATION DISPLAY BOARD USING NODE MCU VIA
TELEGRAM MESSENGER APP" submitted by

A.SWETHA (18C21A0501)
K.RAGA SUDHA (18C21A0520)
K.SRILEKHA (18C21A0522)
P.PRATHYUSHA (18C21A0561)

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Technology in Computer Science and Engineering VIGNAN'S INSTITUTE OF
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work carried under our supervision and guidance.


Mr. U. Venkat Rao
Assistant Professor
(Project Guide)


Dr. A. Sudhir babu
Head of the department

Head of the Department
Computer Science and Engineering
Vignans Institute of Management & Technology For Women
Kondapur (V), Ghatkesar (M), Medchal-Malkajgiri (Dt.)-501301


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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

This is to certify that project report entitled "A SMART ANTI-THEFT SYSTEM FOR VEHICLE SECURITY" submitted by

S.RAMASAI	(18UPIA0545)
D.RAAGAPRIYA	(18UPIA0509)
S.PRIYANSHI	(18UPIA0546)
M.YOSHNAVI	(18UPIA0528)

In the partial fulfillment of the requirements for the award of degree of Bachelor of Technology in Computer Science and Engineering VIGNAN'S INSTITUTE OF MANAGEMENT AND TECHNOLOGY FOR WOMEN is a record of team's own work carried under our supervision and guidance.

Dr. A. SUDHIR BABU
Head of the Department
Professor in CSE

Head of the Department
Computer Science and Engineering
Vignan's Institute of Management & Technology For Women
Kondapur (V), Ghatkesar (M), Medchal-Malkajgiri (Dt)-501301

Mrs. V. RUPA
Project Guide

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Telangana State



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WOMEN



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

This is to certify that project work entitled "AUTOMATIC PORTABLE
MEDICINE REMINDER SYSTEM" submitted by


S. MEGHANA (18UPIA0543)


D. RUCHITHA (18UPIA0508)

D. ASHRITHA (18UPIA0511)

V. SAIESHA (18UPIA0553)

in the partial fulfillment of the requirements for the award of the degree of Bachelor of
Technology in Computer Science and Engineering VIGNAN'S INSTITUTE OF
MANAGEMENT AND TECHNOLOGY FOR WOMEN is a record of bonafide
work carried by her under my guidance and supervision.


Mr. G. RAJESH
(Assistant Professor)
Project Guide


Dr. A. SUDHIR BABU
(Professor)
Head of the Department
Head of the Department
Computer Science and Engineering
Vignan's Institute of Management & Technology For Women
Kondapur (V), Ghatkesar (M), Medchal-Malkajgiri (Dt)-501301





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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

This is to certify that project report entitled "A HYBRID APPROACH FOR
DETECTING AUTOMATED SPAMMERS IN TWITTER" submitted by

B.VYSHNAVI (18UP1A0506)

M.SRAVANI (18UP1A0524)

K.SRAVANI (18UP1A0523)

T.SAHITHI (18UP1A0549)

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Technology in Computer Science and Engineering VIGNAN'S INSTITUTE OF
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own work carried under our supervision and guidance.

Dr. A. SUDHIR BABU
Head of the Department
Professor in CSE

Dr. A. SUDHIR BABU
Project Guide

27/6/22

Head of the Department
Computer Science and Engineering
Vignan's Institute of Management & Technology for Women
Kondapur (V), Ghatkesar (M), Medchal-Malkajgiri (Dt)-501301
(T.S.)

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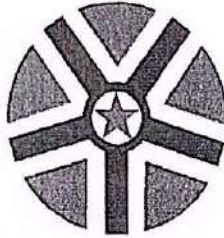
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Department of Computer Science and Engineering



CERTIFICATE

This is to certify that this is the bonafide record of the major project entitled
"ADVANCED DATA SECURITY USING HYBRID CRYPTOGRAPHY AND
STEGANOGRAPHY" submitted by:

M. SHARANYA (18UP1A0585),

N.AKHILA (18UP1A0590),

G. LATHIKA (18UP1A0574)

of B. Tech in the partial fulfillment of the requirements for the degree of Bachelor of
Technology in Computer Science and Engineering during the year 2021-2022

Dr. A. Sudhir Babu

Internal Guide

Dr. A. Sudhir Babu

Head of the Department

Head of the Department

Computer Science and Engineering

**Vignan's Institute of Management & Technology For Women
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External Examiner



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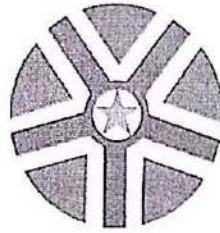
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Department of Computer Science and Engineering



CERTIFICATE

This is to certify that this is the bonafide record of the major project entitled
"A New Deep-Learning-based Approach for Earthquake triggered
Landslide" submitted by

B.Lakshmi Manasa (18UP1A0564)
M.Anuksha (18UP1A0582)
S.Sri Raaga (18UP1A05A0)
D.Srija (18UP1A0570)

of B. Tech in the partial fulfilment of the requirements for the degree of
Bachelor of Technology in Computer Science and Engineering during the
year 2021-2022.

Project Guide

Mrs. M. Sravani

Head of the Department

Dr. A. Sudhir Babu

Head of the Department
Computer Science and Engineering
Vignans Institute of Management & Technology For Women
Kondapur (V), Ghatkesar (M), Medchal-Malkajgiri (D)-501301

External Examiner



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING


CERTIFICATE

This is to certify that project report entitled "TRAFFIC SIGNAL
IDENTIFICATION BY AUTONOMOUS VEHICLES USING CNN" submitted
by

U.BHARATHI	(18UP1A05B0)
S.RASAGNYA	(18UP1A05A5)
M.POOJA	(18UP1A0587)
Y.S.V.NAGA SRIYA	(18UP1A05B3)

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Dr. P. RAJENDRA PRASAD
Assistant professor


Dr. A. SUDHIR BABU
Professor and HOD

Head of the Department
Computer Science and Engineering
Vignan's Institute of Management & Technology For Women
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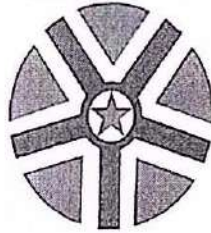
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Hyderabad)

Department of Computer Science and Engineering



CERTIFICATE


This is to certify that this is the bonafide record of the major project entitled
“Hybrid Intrusion Detection System Using Machine Learning In Cloud
Computing Environment” submitted by

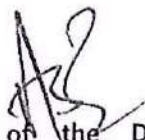
N.Bhanu Sree (18UP1A0589)


N.Naga Deepthi (18UP1A0588)

R.Vinitha (18UP1A0596)

of B. Tech in the partial fulfillment of the requirements for the degree of
Bachelor of Technology in Computer Science and Engineering during the
year 2021-2022.


Project Guide
Mr. U. Venkat Rao


Head of the Department
Dr. A. Sudhir Babu


External Examiner

Head of the Department
Computer Science and Engineering
Vignan's Institute of Management & Technology For Women
Kondapur (V), Ghalkesar (M), Medchal-Malkajgiri (D)-501301




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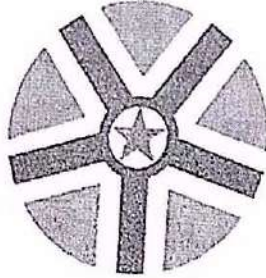
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Kondapur (V), Ghatkesar (M), Medchal - Malkajgiri (Dt.) - 501 301. Phone: 96529 10002/3



CSE & ECE

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



CERTIFICATE

Certified that project report entitled "VEHICLE COUNT PREDICTION USING
SENSOR DATA"

submitted by

A. Bhagya Chandana	(18UP1A0562)
K. Jaya Sindhuri	(18UP1A0577)
Sangeetha	(18UP1A05A2)
S. Akshitha	(18UP1A05A1)

in the partial fulfilment of the requirements for the award of degree of Bachelor of Technology
of Vignan's Institute of Management and Technology for Women is a record of
team's own work carried under our supervision and guidance.

Mr. R. KRISHNA NAYAK
PROJECT GUIDE

PRINCIPAL
Vignan's Institute of Management & Technology for Women
Kondapur(V), Ghatkesar(M), Medchal-Malkajgiri(Dt.)-501301
Telangana State

Dr. A. SUDHIR BABU

HOD : CSE

Head of the Department
Computer Science and Engineering
Vignan's Institute of Management & Technology For Women
Kondapur (V), Ghatkesar (M), Medchal-Malkajgiri (Dt.)-501:





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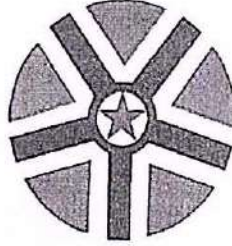
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Department of Computer Science and Engineering



CERTIFICATE

This is to certify that this is the bonafide record of the major project entitled
"AUTOMATIC READER FOR BLIND PEOPLE USING RASPBERRY PI"
submitted by,

K. VASAVI VINEETHA (18UP1A0579),

S. SAI NIHARIKA (18UP1A05A6),

SHAISTA SAMEEN (18UP1A05A4),

G. ABHI SRI (18UP1A0571)

of B. Tech in the partial fulfillment of the requirements for the degree of Bachelor of
Technology in Computer Science and Engineering during the year 2021-2022. The
results embodied in this major project report have not been submitted to any other
university or institute for the award of any degree or diploma.

Internal Guide

Dr. C. Srinivasa Kumar

Head of the Department

Dr. A. Sudhir Babu

External Examiner

Head of the Department
Computer Science and Engineering
Vignans Institute of Management & Technology For Women
Kondapur (V), Ghatkesar (M), Medchal-Malkajgiri (D)-501301



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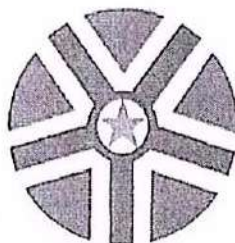
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Department of Computer Science and Engineering



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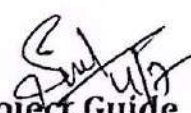
This is to certify that this is the bonafide record of the major project entitled
"PERFORMANCE ANALYSIS OF MACHINE LEARNING TECHNIQUES
USING FOR INTRUSION DETECTION." submitted by

S.Bhavani (18UP1A05A3)

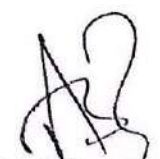
Sainikhitha (18UP1A0599)

R.Ridhima (18UP1A0598)

of B.Tech in the partial fulfillment of the requirements for the degree of Bachelor of
Technology in Computer Science and Engineering during the year 2021-22.


Project Guide

Mr. Ch. Sunil


Head of the Department

Dr. A. Sudhir Babu

**Head of the Department
Computer Science and Engineering
Vignan's Institute of Management & Technology For Women
Kondapur (V), Ghatkesar (M), Medchal-Malkajgiri (D)-501301**


External Examiner




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Kondapur(V),Ghatkesar(M),Medchal-Malkajgiri(D)-501301
Telangana State



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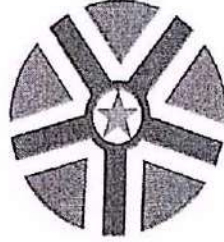
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Department of Computer Science and Engineering



CERTIFICATE

This is to certify that this is the bonafide record of the major project entitled
"SMART PARKING SYSTEM BASED ON IOT." submitted by :

A.Harshini (18UP1A0560)
K.Srinidhi (18UP1A0580)
M.Srivani (18UP1A05A7)
N.Monika (18UP1A0591)

of B.Tech in the partial fulfillment of the requirements for the degree of Bachelor of
Technology in Computer Science and Engineering during the year 2021-22.

Project Guide

Mr. K. Bharath Reddy

Head of the Department

Dr. A. Sudhir Babu

Head of the Department
Computer Science and Engineering
Vignans Institute of Management & Technology For Women
Kondapur (V), Ghatkesar (M), Medchal-Malkajgiri (DL)-501301

External Examiner

PRINCIPAL

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Telangana State





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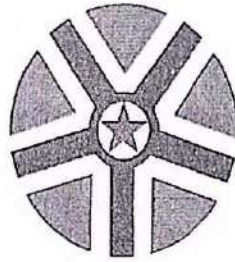
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University, Hyderabad)

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING



CERTIFICATE

This is to certify that this is the bonafide record of the major project entitled "IOT
Based Smart Mirror" submitted by,

A. Yagnamukhi (18UP1A0559),

V. Navya (18UP1A05B2),

P. Hemalatha (18UP1A0593),

R. Harshitha (18UP1A0595)

of B. Tech in the partial fulfillment of the requirements for the degree of Bachelor
of Technology in Computer Science and Engineering during the year 2021-2022.
The results embodied in this major project report have not been submitted to any
other university or institute for the award of any degree or diploma.

Internal Guide

Mr. B. Phijik

Head of the Department

Dr. A. Sudhir Babu

Head of the Department
Computer Science and Engineering
Vignan's Institute of Management & Technology For Women
Kondapur (V), Ghatkesar (M), Medchal-Malkajgiri (D)-501301

External Examiner



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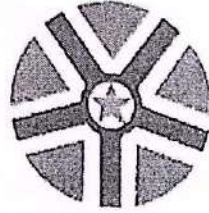
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CSE & ECE

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University, Hyderabad)

Department of Computer Science and Engineering



CERTIFICATE

This is to certify that this is the bonafide record of the project entitled "Performance Analysis of Machine Learning Algorithms in Web Attack Detection", submitted by:

B.Priyanka (18UP1A0565),

M.Shravya (18UP1A0584),

B.Harshitha (18UP1A0563),

S.Sravanthi (19UP5A0502)

Of B. Tech in the partial fulfillment of the requirements for the degree of Bachelor of Technology in Computer Science and Engineering, Department of CSE during the year 2021-2022.


Internal Guide

Mrs.K.Prathyusha


Head of Department

Dr.A.sudhir Babu

Head of the Department

Computer Science and Engineering

Vignan's Institute of Management & Technology for Women
Kondapur (V), Ghatkesar (M), Medchal-Malkajgiri (Dt) - 501301


EXTERNAL EXAMINER




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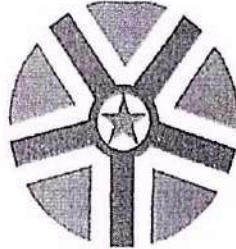
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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING



CERTIFICATE

This is to certify that this is the bonafide record of the major project entitled "AUTO TEMPERATURE AND MASK SCANNING ENTRY SYSTEM" submitted by,

A. Jaswitha (18UP1A0561),

V. Pavani (18UP1A05B1),

CH. Ramya (18UP1A0569),

of B. Tech in the partial fulfillment of the requirements for the degree of Bachelor of Technology in Computer Science and Engineering during the year 2021-2022.

Internal Guide

Dr. A. Sudhir Babu

Head of the Department

Dr. A. Sudhir Babu

Head of the Department
Computer Science and Engineering
Vignan's Institute of Management & Technology For Women
Kondapur (V), Ghatkesar (M), Medchal-Malkajgiri (Dt)-501301

External Examiner



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



CERTIFICATE

Certified that project report entitled "ACCURACY CLASSIFICATION AND
DETECTION OF CYBERBULLYING TWEETS USING MACHINE LEARNING"

submitted by

J. Mysasree	(18UP1A0576)
K. Mrudhula	(18UP1A0578)
J. Lalitha Priya	(18UP1A0575)
M. Pooja Sai Sree	(18UP1A0581)

in the partial fulfilment of the requirements for the award of degree of Bachelor of Technology
of Vignans Institute of Management and Technology for Women is a record of
team's own work carried under our supervision and guidance.

Dr. BASAVARAJ CHUNCHURE

PROJECT GUIDE

Dr. A. SUDHIR BABU

HOD : CSE

**Head of the Department
Computer Science and Engineering
Vignans Institute of Management & Technology For Women
Kondapur (V), Ghatkesar (M), Medchal-Malkajgiri (DL)-501301**

EXTERNAL EXAMINER



PRINCIPAL

**Vignans Institute of Management & Technology For Women
Kondapur(V), Ghatkesar(M), Medchal-Malkajgiri(Dt)-501301
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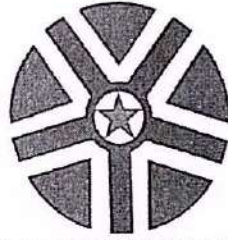
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University, Hyderabad)

Department of Computer Science and Engineering



CERTIFICATE

This is to certify that this is the bonafide record of the major project entitled
"STUDENT MANAGEMENT SYSTEM." submitted by

C.Anuradha (18UP1A0568)

Ch.Swetha (18UP1A0567)

B.Supriya (18UP1A0566)

P.Kavya (19UP5A0501)

of B.Tech in the partial fulfillment of the requirements for the degree of Bachelor of
Technology in Computer Science and Engineering during the year 2021-22.

Project Guide

Mr. M. Vishnu Vardhana Rao

M. Vishnu Vardhana Rao
8/7/2022
[Signature]

Head of the Department

Dr. A. Sudhir Babu

[Signature]

Head of the Department
Computer Science and Engineering
Vignan's Institute of Management & Technology For Women
Kondapur (V), Ghatkesar (M), Medchal-Malkajgiri (Dt.)-501301

External Examiner

[Signature]

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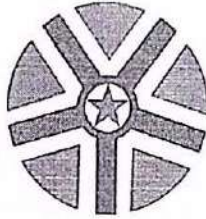
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University, Hyderabad)

Department of Computer Science and Engineering



CERTIFICATE

This is to certify that this is the bonafide record of the major project entitled


“Object Detection Using Yolo Algorithm” submitted by

Y.Nuthana	(18UP1A05B4)
T.Sravya	(18UP1A05A8)
M.Manasa	(18UP1A0583)
G.Likhita	(18UP1A0573)

of B. Tech in the partial fulfillment of the requirements for the degree of
Bachelor of Technology in Computer Science and Engineering during the
year 2021-2022.


Project Guide

Dr. P. Rajendra Prasad



Head of the Department

Dr. Sudhir Babu

Head of the Department
Computer Science and Engineering
Vignan's Institute of Management & Technology For Women
Kondapur (V), Ghatkesar (M), Medchal-Malkajgiri (D)-501301


External Examiner




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Telangana State



VIGNAN'S INSTITUTE OF MANAGEMENT AND
TECHNOLOGY FOR WOMEN
DEPARTMENT OF COMPUTER SCIENCE AND
ENGINEERING



CERTIFICATE

This is to certify that project report entitled "GREEN HOUSE
MONITORING SYSTEM USING IOT" submitted by

M .Harshitha	(18UP1A0586)
R .Sushma	(18UP1A0597)
G.Hemalatha	(18UP1A0572)

in the partial fulfilment of the requirements for the award of degree of Bachelor of
Technology in Computer Science and Engineering VIGNAN'S INSTITUTE OF
MANAGEMENT AND TECHNOLOGY FOR WOMEN is a record of team's own work
carried under our supervision and guidance.

Dr. A. Sudhir Babu
(Professor)

(Head of the Department)

Head of the Department

Computer Science and Engineering
Vignan's Institute of Management & Technology For Women
Kondapur (V), Ghatkesar (M), Medchal-Malkajgiri (Dt.)-501301

(External Examiner)

Dr. S. Ranga Swamy
(Assistant Professor)
(Project Guide)



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Department of Basic Science & Humanities

Academic Year-2021-22

I B.Tech -II Sem CSE-List of Engineering Exploration Projects

S.no	Batch No	Roll Number	Student Name	Title	Guide
1	A01	21UP1A0503	Aila Gangamani	Prepare symmetry in solids for cubes	Dr.K. Manjula
2		21UP1A0515	Boppidi Keerthi		
3		21UP1A0532	Kandukuri Harshitha		
4		21UP1A0542	Manchukonda Vaishnavi		
5		21UP1A0554	Rudra Raju Vaishnavi		
6		21UP1A0563	Thota Sai Kalyani		
7	A02	21UP1A0505	Amogha Chinthalapati	Construct electric motor	Dr.K. Manjula
8		21UP1A0512	Bollam Sai Lavanya		
9		21UP1A0520	Chinthala Pavani		
10		21UP1A0521	Chunchu Pavani		
11		21UP1A0539	Lagishetti Shivani		
12		21UP1A0555	S.Priyanka		
13	A03	21UP1A0504	Akkali Srivani	Bank Management system	Dr.P.Rajendra Prasad
14		21UP1A0510	Biragoni Manvitha		
15		21UP1A0511	Boda Akshaya		
16		21UP1A0518	Chila Harshitha		
17		21UP1A0528	Gaddam Hari Chandana		
18		21UP1A0543	Manognya Veerla		
19	A04	21UP1A0501	A Madhuri	Calendar Application	Dr.P.Rajendra Prasad
20		21UP1A0513	Bonala Shravani		
21		21UP1A0523	Dasari Dhanuja		
22		21UP1A0530	Jillela Mamatha		
23		21UP1A0546	Mekala Vineetha		
24		21UP1A0562	T Swetha		
25	A05	21UP1A0502	Aepuri Geethanjali Devi	A Report on the causes and effects of climate change to atmospheric pollution in Hyderabad	T.Dileep
26		21UP1A0516	Boya Ramya Chaitanya		
27		21UP1A0526	E S Akhila		
28		21UP1A0536	Konduri Sathwika		
29		21UP1A0550	Palamakula Kavya		
30		21UP1A0559	Shaik Omera Sulthana		



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31	A06	21UP1A0514	Bonala Shreya Yadav	A Report on sustainable developemnt goals	T.Dileep
32		21UP1A0527	Ettaboina Spandana		
33		21UP1A0534	Kodithala Shirisha		
34		21UP1A0541	Madiga Lavanya		
35		21UP1A0545	Marri Harika		
36		21UP1A0556	Sajjala Srujana		
37	A07	21UP1A0525	Dorna Vineetha	Analysis of watermelon seeds as a cost effective water purifier	T.Dileep
38		21UP1A0537	Kunuku Sai Mounika		
39		21UP1A0538	L. Reema Goud		
40		21UP1A0547	Mummaneni		
41		21UP1A0552	Poola Sreeja		
42		21UP1A0558	Sanskriti Thakur		
43	A08	21UP1A0508	Arra Smayana Reddy	Solar pump E- cells	T.Dileep
44		21UP1A0522	D Harshitha		
45		21UP1A0548	Nenavath Pravalika		
46		21UP1A0549	Oruganti Sowmya		
47		21UP1A0557	Sana		
48		21UP1A0565	Yella Harshini		
49	A09	21UP1A0506	Anumula Varshini	A Project on different types of earthings	L.Kiran Kumar
50		21UP1A0517	Budige Sowmya		
51		21UP1A0531	Jogula Jahnavi		
52		21UP1A0544	Maroju Sreeya Bhavani		
53		21UP1A0553	Pothanaboina Pavani		
54		21UP1A0561	Som Bhavana Jyothi		
55	A10	21UP1A0509	Bethi Srinidhi	A Study on environmental impact of solid waste landfilling	T.Dileep
56		21UP1A0533	Kavvampelly Chinmayee		
57		21UP1A0540	Machika Sankeerthana		
58		21UP1A0551	Poloju Sushma Sri		
59		21UP1A0560	Shaik Sofiya Begam		
60		21UP1A0564	Vangari Bhavya Sri		
61	A11	21UP1A0507	Arava Meghana Naidu	E-Construction- How can it save our planet earth	T.Dileep
62		21UP1A0519	Chinthagattu Keerthana		
63		21UP1A0524	Datla Alekhya		
64		21UP1A0529	Iruvuri Shivani		
65		21UP1A0535	Koltur Bindu Sree		
66		21UP1A0572	Bejawada Akshaya		
67		21UP1A0582	Dendi Uma Bindu		



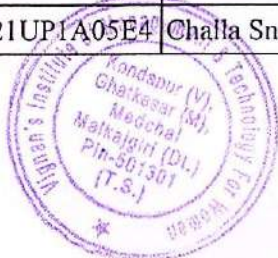

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68	B01	21UP1A0591	Kamera Shreya	Prepare magnetic compass	Dr.K. Manjula
69		21UP1A0599	Mayara Priyanka		
70		21UP1A05A4	Nettela Sravani		
71		21UP1A05B3	Rapireddy Usha		
72	B02	21UP1A0569	Atmakur Bhuvaneshwari	Construct Potato Battery	Dr.K. Manjula
73		21UP1A0585	Gabu Sai Yamini Devi		
74		21UP1A0597	Kurapati Tejanvitha		
75		21UP1A05B1	Puram Reena		
76		21UP1A05C5	Thuppathuri Greeshma		
77		21UP1A05D0	Wakhradkar Ruthuja		
78	B03	21UP1A0570	Bandla Swapna	Starch base polymer battery construction and testing	Dr.K. Manjula
79		21UP1A0579	D. Sai Sakshitha		
80		21UP1A0581	Dandugula Rajeshwari		
81		21UP1A0583	Duvvuri Venkata Satya Sri		
82		21UP1A0584	Erra Meghana		
83		21UP1A0594	Kethavath Bhagyalaxmi		
84	B04	21UP1A0566	Akula Kavya	Library Management system	Dr.P.Rajendra Prasad
85		21UP1A0592	Kasivojjula Shivani		
86		21UP1A05A3	Nakerakanti Swetha		
87		21UP1A05B6	Reddymalla Swathi		
88		21UP1A05C2	Sunkari Harika		
89		21UP1A05C6	Turaga Jaishnavi		
90	B05	21UP1A0574	Buddhavarapu Keerthana	Phone Management system	Dr.P.Rajendra Prasad
91		21UP1A0586	Gaddam Sai Medha Sri		
92		21UP1A0589	Jakkula Sai Harini		
93		21UP1A05A1	Motar Bhargavi		
94		21UP1A05A8	Panjala Amulya		
95		21UP1A05C0	Shanigaram Balapushpa		
96	B06	21UP1A0578	Chouki Sreeja	A Report on impact of covid-19 pandemic on environment	Ch.Bhavana Rushi
97		21UP1A0590	Kadaru Susmitha		
98		21UP1A05A9	Pasunoori Shreya		
99		21UP1A05B0	Periketi Akhila		
100		21UP1A05C3	Talari Harshini		
101		21UP1A05C8	Vennapusa Harisri		
102	B07	21UP1A0568	Ankam Amulya Rachel	A Report on consequences of population growth on agricultural production in Telangana region	Ch.Bhavana Rushi
103		21UP1A0576	Chalamala Akhila		
104		21UP1A0598	Leena Soni		
105		21UP1A05A7	Pamula Yemeema		



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106		21UP1A05B7	Roddam Himaja		
107		21UP1A05C9	Visamshetty Aakanksha		
108	B08	21UP1A0567	Amarabada Pujitha	Preparation of commercial carbon components from solid plastic waste	Ch.Bhavana Rushi
109		21UP1A0571	Battu Akshitha		
110		21UP1A0577	Cheeli Sowmya		
111		21UP1A0588	Gurram Radha		
112		21UP1A05A0	Medrametla Laya Sahithi		
113		21UP1A05B2	Ramaka Rukmini		
114	B09	21UP1A0580	Dandaboyina Brunda	A project on different types of batteries	T.Rambabu
115		21UP1A0595	Kodavath Laxmi		
116		21UP1A0596	Kondoju Trisha Deepika		
117		21UP1A05A5	Ojasvi Pattanaik		
118		21UP1A05B8	Rokkam Satwika		
119		21UP1A05C7	Valluri Pooja Prasanna		
120	B10	21UP1A0575	Burugu Indumathi	A report on global environmental issues and global efforts	Ch.Bhavana Rushi
121		21UP1A0587	Gottipati Reshma		
122		21UP1A05A2	Musku Keerthana Reddy		
123		21UP1A05B4	Rathod Prerana		
124		21UP1A05B5	Rayini Sathwika		
125		21UP1A05C1	Sunkari Ashwini		
126	B11	21UP1A0573	Boddupally Hema	Study of recycling industrial effluent	Ch.Bhavana Rushi
127		21UP1A0593	Kasula Nithya Sri		
128		21UP1A05A6	Palem Harika Reddy		
129		21UP1A05B9	S Likhitha		
130		21UP1A05C4	Thota Sanjana		
131	C01	21UP1A05E0	Bommakanti Bilwani	Growing crystals preparation	K.Bal Reddy
132		21UP1A05F1	Ganji Varsha		
133		21UP1A05G1	Maddela Manisha		
134		21UP1A05H3	Pidugu Varshika		
135		21UP1A05I6	Udayabhanu Srinivas Rao		
136		21UP1A05I8	Uppugalla Srivani		
137	C02	21UP1A05D1	A Shruthika	Prepare electro magnet	K.Bal Reddy
138		21UP1A05D8	Bollu Manasa		
139		21UP1A05E8	Deshamoni Pranitha		
140		21UP1A05G7	P. Nikitha		
141		21UP1A05H2	Peddi Nandini		
142		21UP1A05I5	Thadakamalla Nirmala		
143		21UP1A05E4	Challa Sneha		



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144	C03	21UP1A05F7	Kankanala Rohini	Study of Pizeo electric behaviour by the stress variation	K.Bal Reddy
145		21UP1A05H1	Pati Yogitha		
146		21UP1A05I2	T Pragathi		
147		21UP1A05J1	Y Deepika Reddy		
148		21UP1A05J2	Yarramada Shirisha		
149	C04	21UP1A05D3	Anugu Harshitha	Quiz Game project	Ms. Uma Devi
150		21UP1A05E5	Daggula Shrehitha		
151		21UP1A05F4	Jella Vaidehi		
152		21UP1A05G3	Manneru Sriharsha		
153		21UP1A05H6	Shravani Thakur		
154		21UP1A05G4	Mansarani Ravi Bahuriya		
155	21UP1A05J3	Yellapragada Naga Kasi			
156	C05	21UP1A05D4	Are Chaya Siri	School Billing Management System	Ms. Uma Devi
157		21UP1A05F3	Gottimukkula Ruchitha		
158		21UP1A05H4	Ponnada Hemanjali		
159		21UP1A05I7	Uppaluri Hasya Charvy		
160		21UP1A05I9	Vajja Navya Reddy		
161		21UP1A05J4	Yerra Shanthi		
162	C06	21UP1A05D6	Bandari Bhavani	A Report on the importance of biodiversity of ecosystem	Dr.S. Mahesh
163		21UP1A05E2	Boreddy Supriya Reddy		
164		21UP1A05F0	Gajjela Swarani		
165		21UP1A05F8	Kola Nirmala		
166		21UP1A05G2	Mandem Sree Durga		
167		21UP1A05G9	Pandiri Bhumika		
168	21UP1A05H9	Singireddy Udaya Sri			
169	C07	21UP1A05D5	B Sri Saugandhika	Project on Green skyscraper	Dr.S. Mahesh
170		21UP1A05E6	Dandem Pavani		
171		21UP1A05F5	Jogi Gouthami		
172		21UP1A05F6	K Pallavi Sen		
173		21UP1A05F9	Korukoppula Reethika		
174		21UP1A05G0	Madas Tejasri		
175	C08	21UP1A05D2	Ande Harshini	Extraction of Biodisel from cotton seed oil	Dr.S. Mahesh
176		21UP1A05E7	Dasari Sri Ragni		
177		21UP1A05G5	Naguri Akshitha		
178		21UP1A05I0	Sk Fouziya		
179		21UP1A05I3	Tallapalli Greeshma		
180		21UP1A05J0	Valdasu Chandana		
181		21UP1A05E1	Bommera Ravali		

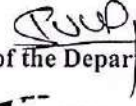


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182	21UP1A05F2	Gattu Keerthi	A project on switchgear equipments	T.Rambabu
183	21UP1A05G8	Pamarthi Bhagya Sri		
184	21UP1A05H5	Rati Harshitha		
185	21UP1A05H8	Singireddy Poojitha		
186	21UP1A05I1	Soppari Nithyasri		
187	21UP1A05I4	Tanniru Mamatha		
188	21UP1A05D7	Boda Sri Varshini Yadav	A Report on comparitive analysis of environmental hazards	Dr.S. Mahesh
189	21UP1A05D9	Bomma Swetha Priya		
190	21UP1A05E3	Budarapu Aishwarya		
191	21UP1A05E9	Dornala Sravani		
192	21UP1A05G6	Nimmanagattu Neha		
193	21UP1A05H0	Panganamamula Usha		
194	21UP1A05H7	Singaram Nandini		



Project Cordinator



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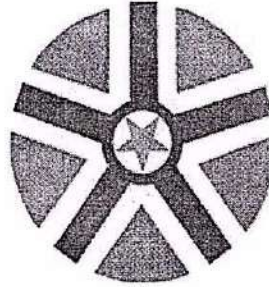
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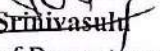
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CERTIFICATE

This is to certify that the project report entitled “Prepare symmetry in solids for cubes” that is being submitted by Aila Gangamani(21UP1A0503),Boppidi Keerthi (21UP1A0515), Kandukuri Harshitha (21UP1A0532), Manchukonda Vaishnavi (21UP1A0542),Rudra Raju Vaishnavi(21UP1A0554),Thota Sai Kalyani(21UP1A0563) in partial fulfillment for the award of the Bachelor of Technology in **COMPUTER SCIENCE & TECHNOLOGY** to the Jawaharlal Nehru Technological University, is a record of bonafide work carried by her under my guidance and supervision.


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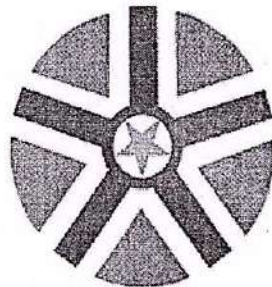
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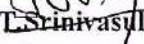
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This is to certify that the project report entitled “Construct electric motor” that is being submitted by Amogha Chinthalapati (21UP1A0505), Bollam Sai Lavanya (21UP1A0512), Chinthala Pavani (21UP1A0520), Chunchu Pavani (21UP1A0521), Lagishetti Shivani (21UP1A0539), S.Priyanka (21UP1A0555) in partial fulfillment for the award of the Bachelor of Technology in COMPUTER SCIENCE & TECHNOLOGY to the Jawaharlal Nehru Technological University, is a record of bonafide work carried by her under my guidance and supervision.


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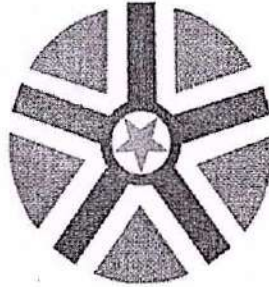
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This is to certify that the project report entitled “Bank management system” that is being submitted by Akkali Srivani (21UP1A0504), Biragoni Manvitha (21UP1A0510), Boda Akshaya (21UP1A0511), Chila Harshitha (21UP1A0518), Gaddam Hari Chandana Reddy (21UP1A0528), Manognya Veerla (21UP1A0543) in partial fulfillment for the award of the Bachelor of Technology in COMPUTER SCIENCE & TECHNOLOGY to the Jawaharlal Nehru Technological University, is a record of bonafide work carried by her under my guidance and supervision.


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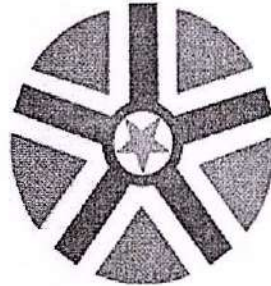
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This is to certify that the project report entitled “Calendar application” that is being submitted by A Madhuri (21UP1A0501), Bonala Shravani (21UP1A0513), Dasari Dhanuja (21UP1A0523), Jillela Mamatha (21UP1A0530), Mekala Vineetha (21UP1A0546), T Swetha (21UP1A0562) in partial fulfillment for the award of the Bachelor of Technology in COMPUTER SCIENCE & TECHNOLOGY to the Jawaharlal Nehru Technological University, is a record of bonafide work carried by her under my guidance and supervision.


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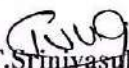
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This is to certify that the project report entitled “Causes and effects of climate change to atmospheric pollution in hyderabad” that is being submitted by Aepuri Geethanjali Devi (21UP1A0502), Boya Ramya Chaitanya (21UP1A0516), E S Akhila (21UP1A0526), Konduri Sathwika (21UP1A0536), Palamakula Kavya (21UP1A0550), Shaik Omera Sulthana (21UP1A0559) in partial fulfillment for the award of the Bachelor of Technology in COMPUTER SCIENCE & TECHNOLOGY to the Jawaharlal Nehru Technological University, is a record of bonafide work carried by her under my guidance and supervision.


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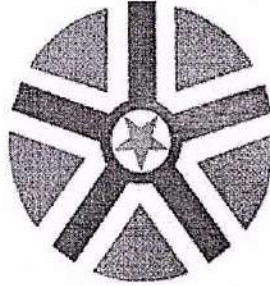
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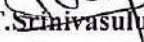
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This is to certify that the project report entitled “Sustainable development goals” that is being submitted by Bonala Shreya Yadav (21UP1A0514), Ettaboina Spandana (21UP1A0527), Kodithala Shirisha (21UP1A0534), Madiga Lavanya (21UP1A0541), Marri Harika (21UP1A0545), Sajjala Srujana (21UP1A0556) in partial fulfillment for the award of the Bachelor of Technology in COMPUTER SCIENCE & TECHNOLOGY to the Jawaharlal Nehru Technological University, is a record of bonafide work carried by her under my guidance and supervision.


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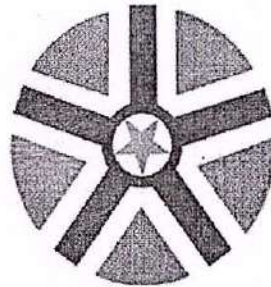
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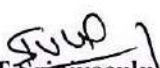
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This is to certify that the project report entitled “Analysis of watermelon seeds as a cost effective water purifier” that is being submitted Dorna Vineetha(21UP1A0525), Kunuku Sai Mounika (21UP1A0537), L. Reema Goud (21UP1A0538), Mummaneni Manasalalitha (21UP1A0547), Poola Sreeja (21UP1A0552), Sanskriti Thakur (21UP1A0558) in partial fulfillment for the award of the Bachelor of Technology in COMPUTER SCIENCE & TECHNOLOGY to the Jawaharlal Nehru Technological University, is a record of bonafide work carried by her under my guidance and supervision.


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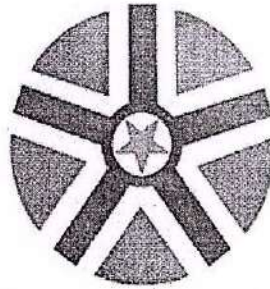
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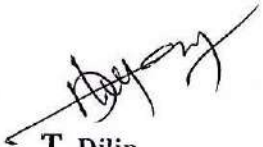
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This is to certify that the project report entitled “Solar pump e- cells” that is being submitted Arra SmayanaReddy(21UP1A0508),DHarshitha(21UP1A0522),NenavathPravalika(21UP1A0548),Orug anti Sowmya (21UP1A0549), Sana (21UP1A0557), Yella Harshini (21UP1A0565) in partial fulfillment for the award of the Bachelor of Technology in COMPUTER SCIENCE & TECHNOLOGY to the Jawaharlal Nehru Technological University, is a record of bonafide work carried by her under my guidance and supervision.


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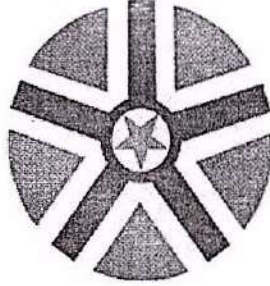
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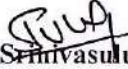
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This is to certify that the project report entitled “A project on different types of earthings” that is beingAnumulaVarshini(21UP1A0506),BudigeSowmya(21UP1A0517),JogulaJahnavi(21UP1A0531),Maroju Sreeya Bhavani(21UP1A0544),Pothanaboina Pavani(21UP1A0553), Som Bhavana Jyothi (21UP1A0561) in partial fulfillment for the award of the Bachelor of Technology in COMPUTER SCIENCE & TECHNOLOGY to the Jawaharlal Nehru Technological University, is a record of bonafide work carried by her under my guidance and supervision.


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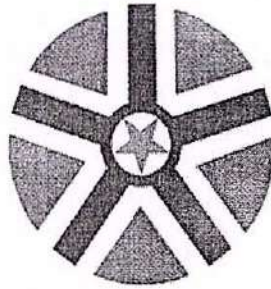
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CERTIFICATE

This is to certify that the project report entitled “A STUDY ON ENVIRONMENTAL IMPACTS OF SOLIDWASTELANDFILLING” that is being Bethi Srinidhi (21UP1A0509), Kavvampelly Chinmayee (21UP1A0533), Machika Sankeerthana (21UP1A0540), Poloju Sushma Sri (21UP1A0551), Shaik Sofiya Begam (21UP1A0560), Vangari Bhavya Sri (21UP1A0564) in partial fulfillment for the award of the Bachelor of Technology in COMPUTER SCIENCE & TECHNOLOGY to the Jawaharlal Nehru Technological University, is a record of bonafide work carried by her under my guidance and supervision.


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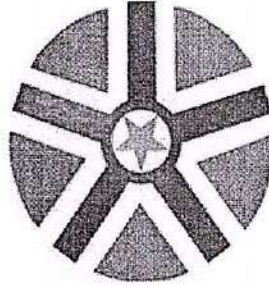
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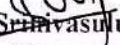
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This is to certify that the project report entitled “E-CONSTRUCTION -HOW CAN IT SAVE OUR PLANET EARTH” that is being Arava Meghana Naidu (21UP1A0507),Chinthagattu Keerthana (21UP1A0519),Datla Alekhya (21UP1A0524), Iruvuri Shivani (21UP1A0529), Koltur Bindu Sree (21UP1A0535) in partial fulfillment for the award of the Bachelor of Technology in COMPUTER SCIENCE & TECHNOLOGY to the Jawaharlal Nehru Technological University, is a record of bonafide work carried by her under my guidance and supervision.


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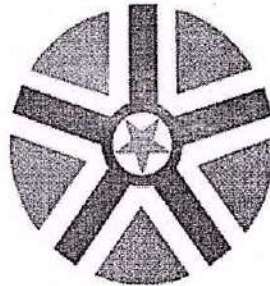
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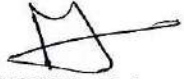
This is to certify that the project report entitled "Prepare magnetic compass" that is being Bejawada Akshaya(21UP1A0572),Dendi Uma Bindu(21UP1A0582),Kamera Shreya (21UP1A0591),Mayara Priyanka(21UP1A0599), Nettetla Sravani(21UP1A05A4),Rapireddy Usha (21UP1A05B3) in partial fulfillment for the award of the Bachelor of Technology in COMPUTER SCIENCE & TECHNOLOGY to the Jawaharlal Nehru Technological University, is a record of bonafide work carried by her under my guidance and supervision.


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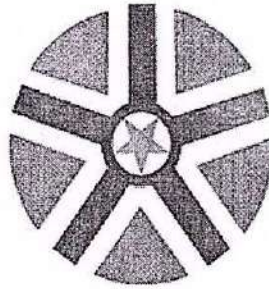
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This is to certify that the project report entitled “Construct Potato Battery” that is being Atmakur Bhuvaneshwari(21UP1A0569), Gabu Sai Yamini Devi(21UP1A0585), Kurapati Tejanvitha(21UP1A0597), Puram Reena (21UP1A05B1), Thuppathuri Greeshma (21UP1A05C5), Wakhradkar Ruthuja (21UP1A05D0) in partial fulfillment for the award of the Bachelor of Technology in COMPUTER SCIENCE & TECHNOLOGY to the Jawaharlal Nehru Technological University, is a record of bonafide work carried by her under my guidance and supervision.

Dr. T. Srinivasulu
Head of Department

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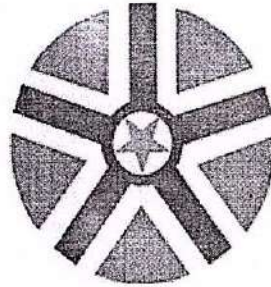
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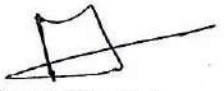
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This is to certify that the project report entitled "Starch base polymer battery construction and testing" that is being Bandla Swapna(21UP1A0570),D.Sai Sakshitha (21UP1A0579), Dandugula Rajeshwari(21UP1A0581), Duvvuri Venkata Satya Sri Ramani(21UP1A0583),Erra Meghana (21UP1A0584),Kethavath Bhagyalaxmi(21UP1A0594) in partial fulfillment for the award of the Bachelor of Technology in COMPUTER SCIENCE & TECHNOLOGY to the Jawaharlal Nehru Technological University, is a record of bonafide work carried by her under my guidance and supervision.


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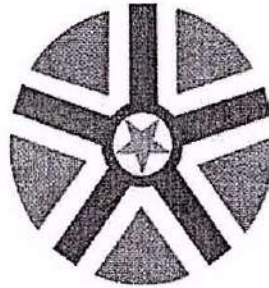
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This is to certify that the project report entitled “Library Management system” that is being Akula Kavya (21UP1A0566), Kasivojjula Shivani (21UP1A0592), Nakerakanti Swetha (21UP1A05A3), Reddymalla Swathi (21UP1A05B6), Sunkari Harika (21UP1A05C2), Turaga Jaishnavi (21UP1A05C6) in partial fulfillment for the award of the Bachelor of Technology in COMPUTER SCIENCE & TECHNOLOGY to the Jawaharlal Nehru Technological University, is a record of bonafide work carried by her under my guidance and supervision.


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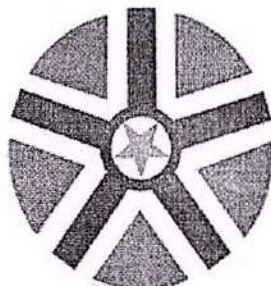
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This is to certify that the project report entitled "Phone Management system" that is being
Buddhavarapu Keerthana (21UP1A0574), Gaddam Sai Medha Sri (21UP1A0586), Jakkula Sai
Harini (21UP1A0589), Motar Bhargavi (21UP1A05A1), Panjala Amulya (21UP1A05A8),
Shanigaram Balapushpa (21UP1A05C0) in partial fulfillment for the award of the Bachelor of
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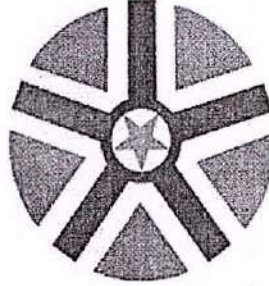
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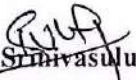
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This is to certify that the project report entitled “Impact of covid-19 pandemic on environment” that is being Chouki Sreeja (21UP1A0578), Kadaru Susmitha (21UP1A0590), Pasunoori Shreya (21UP1A05A9), Periketi Akhila (21UP1A05B0), alari Harshini (21UP1A05C3), Vennapusa Harisri (21UP1A05C8) in partial fulfillment for the award of the Bachelor of Technology in COMPUTER SCIENCE & TECHNOLOGY to the Jawaharlal Nehru Technological University, is a record of bonafide work carried by her under my guidance and supervision.


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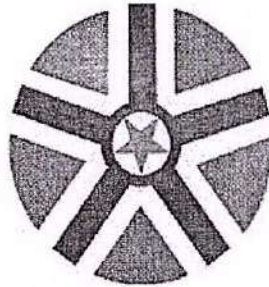
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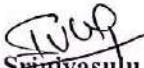
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This is to certify that the project report entitled “Consequences of population growth on agricultural production in Telangana region” that is being Ankam Amulya Rachel(21UP1A0568), Chalamala Akhila(21UP1A0576), Leena Soni (21UP1A0598), Pamula Yemeema (21UP1A05A7), Roddam Himaja(21UP1A05B7), Visamshetty Aakanksha (21UP1A05C9) in partial fulfillment for the award of the Bachelor of Technology in COMPUTER SCIENCE & TECHNOLOGY to the Jawaharlal Nehru Technological University, is a record of bonafide work carried by her under my guidance and supervision.


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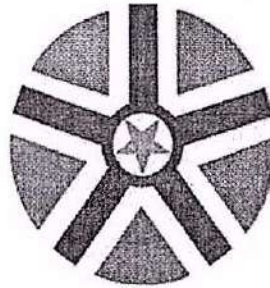
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This is to certify that the project report entitled "Preparation of commercial carbon components from solid plastic waste" that is being Amarabada Pujitha (21UP1A0567), Battu Akshitha (21UP1A0571) Cheeli Sowmya (21UP1A0577), Gurram Radha (21UP1A0588), Medrametla Laya, Sahithi (21UP1A05A0), Ramaka Rukmini (21UP1A05B2) in partial fulfillment for the award of the Bachelor of Technology in COMPUTER SCIENCE & TECHNOLOGY to the Jawaharlal Nehru Technological University, is a record of bonafide work carried by her under my guidance and supervision.



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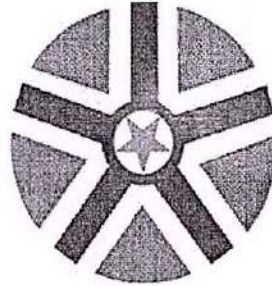
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This is to certify that the project report entitled “Different types of batteries” that is being Dandaboyina Brunda (21UP1A0580), Kodavath Laxmi (21UP1A0595), Kondoju Trisha Deepika (21UP1A0596), Ojasvi Pattanaik (21UP1A05A5), Rokkam Satwika (21UP1A05B8), Valluri Pooja Prasanna (21UP1A05C7) in partial fulfillment for the award of the Bachelor of Technology in COMPUTER SCIENCE & TECHNOLOGY to the Jawaharlal Nehru Technological University, is a record of bonafide work carried by her under my guidance and supervision.


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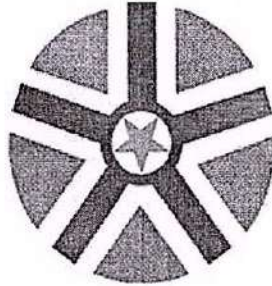
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This is to certify that the project report entitled “Global environmental issues and global efforts” that is being Burugu Indumathi (21UP1A0575), Gottipati Reshma (21UP1A0587), Musku Keerthana Reddy (21UP1A05A2), Rathod Prerana (21UP1A05B4), Rayini Sathwika (21UP1A05B5), Sunkari Ashwini (21UP1A05C1) in partial fulfillment for the award of the Bachelor of Technology in COMPUTER SCIENCE & TECHNOLOGY to the Jawaharlal Nehru Technological University, is a record of bonafide work carried by her under my guidance and supervision.


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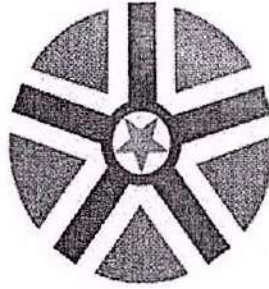
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This is to certify that the project report entitled “Study of recycling industrial effluent” that is being Boddupally Hema (21UP1A0573), Kasula Nithya Sri (21UP1A0593), Palem Harika Reddy (21UP1A05A6), S Likhitha (21UP1A05B9), Thota Sanjana (21UP1A05C4) in partial fulfillment for the award of the Bachelor of Technology in COMPUTER SCIENCE & TECHNOLOGY to the Jawaharlal Nehru Technological University, is a record of bonafide work carried by her under my guidance and supervision.


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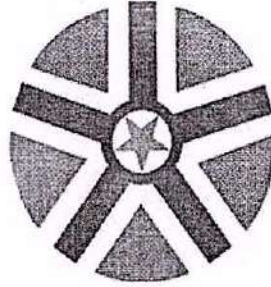
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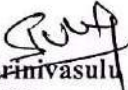
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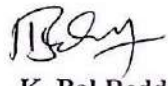
This is to certify that the project report entitled “Growing crystals preparation” that is being Bommakanti Bilwani (21UP1A05E0), Ganji Varsha (21UP1A05F1), Maddela Manisha (21UP1A05G1), Pidugu Varshika (21UP1A05H3), Udayabhanu Srinivas Rao Vunnava (21UP1A05I6), Uppugalla Srivani (21UP1A05I8) in partial fulfillment for the award of the Bachelor of Technology in COMPUTER SCIENCE & TECHNOLOGY to the Jawaharlal Nehru Technological University, is a record of bonafide work carried by her under my guidance and supervision.


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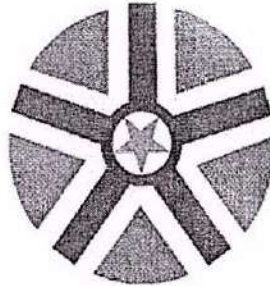
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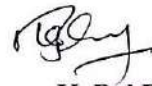
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This is to certify that the project report entitled “Prepare electro magnet” that is being A Shruthika (21UP1A05D1), Bollu Manasa (21UP1A05D8), Deshamoni Pranitha (21UP1A05E8), P. Nikitha (21UP1A05G7), Peddi Nandini (21UP1A05H2), Thadakamalla Nirmala (21UP1A05I5) in partial fulfillment for the award of the Bachelor of Technology in COMPUTER SCIENCE & TECHNOLOGY to the Jawaharlal Nehru Technological University, is a record of bonafide work carried by her under my guidance and supervision.


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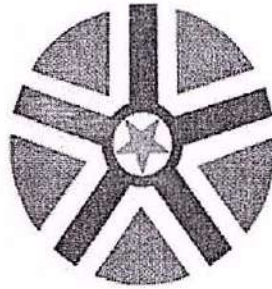
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This is to certify that the project report entitled “Study of pizeo electric behaviour by the stress variation” that is being Challa Sneha (21UP1A05E4), Kankanala Rohini (21UP1A05F7), Pati Yogitha (21UP1A05H1), T Pragathi (21UP1A05I2), Y Deepika Reddy (21UP1A05J1), Yarramada Shirisha(21UP1A05J2) in partial fulfillment for the award of the Bachelor of Technology in COMPUTER SCIENCE & TECHNOLOGY to the Jawaharlal Nehru Technological University, is a record of bonafide work carried by her under my guidance and supervision.


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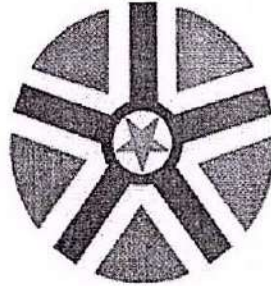
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This is to certify that the project report entitled “Quiz Game project” that is being Anugu Harshitha (21UP1A05D3), Daggula Shrehitha (21UP1A05E5), Jella Vaidehi (21UP1A05F4), Manneru Sriharsha (21UP1A05G3), Shravani Thakur (21UP1A05H6), Mansarani Ravi Bahuriya (21UP1A05G4), Yellapragada Naga Kasi Annapurna (21UP1A05J3) in partial fulfillment for the award of the Bachelor of Technology in COMPUTER SCIENCE & TECHNOLOGY to the Jawaharlal Nehru Technological University, is a record of bonafide work carried by her under my guidance and supervision.



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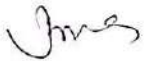
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This is to certify that the project report entitled “School Billing Management System” that is being Are Chaya Siri (21UP1A05D4), Gottimukkula Ruchitha (21UP1A05F3), Ponnada Hemanjali (21UP1A05H4), Uppaluri Hasya Charvy (21UP1A05I7), Vajja Navya Reddy (21UP1A05I9), Yerra Shanthi (21UP1A05J4) in partial fulfillment for the award of the Bachelor of Technology in COMPUTER SCIENCE & TECHNOLOGY to the Jawaharlal Nehru Technological University, is a record of bonafide work carried by her under my guidance and supervision.


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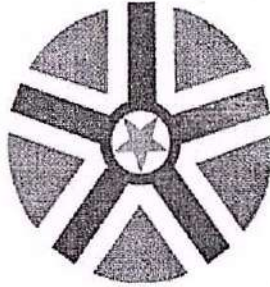
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This is to certify that the project report entitled “Importance of biodiversity of ecosystem” that is being Bandari Bhavani (21UP1A05D6), Boreddy Supriya Reddy (21UP1A05E2), Gajjela Swarani (21UP1A05F0), Kola Nirmala (21UP1A05F8), Mandem Sree Durga (21UP1A05G2), Pandiri Bhumika (21UP1A05G9), Singireddy Udaya Sri (21UP1A05H9) in partial fulfillment for the award of the Bachelor of Technology in COMPUTER SCIENCE & TECHNOLOGY to the Jawaharlal Nehru Technological University, is a record of bonafide work carried by her under my guidance and supervision.


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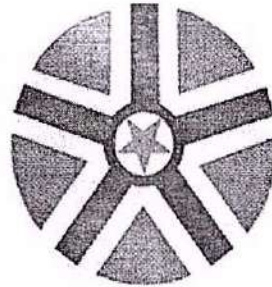
VIGNAN'S INSTITUTE OF MANAGEMENT AND TECHNOLOGY FOR
WOMEN

DEPARTMENT OF COMPUTER SCIENCE AND TECHNOLOGY

(Approved by AICTE & Affiliated to JNTUH)

Kondapur (V), Ghatkesar (M), Medchal District – 501301

2021-2025




CERTIFICATE

This is to certify that the project report entitled "Green skyscraper" that is being B Sri Saugandhika (21UP1A05D5), Dandem Pavani (21UP1A05E6), Jogi Gouthami (21UP1A05F5), K Pallavi Sen (21UP1A05F6), Korukoppula Reethika (21UP1A05F9), Madas Tejasri (21UP1A05G0) in partial fulfillment for the award of the Bachelor of Technology in COMPUTER SCIENCE & TECHNOLOGY to the Jawaharlal Nehru Technological University, is a record of bonafide work carried by her under my guidance and supervision.


Dr. T. Srinivasulu
Head of Department

HEAD
Department of Basic Science & Human Res
Vignan's Institute of Management & Technology for Women
Kondapur (V), Ghatkesar (M), R.R. Dist-501301




Dr. S. Mahesh
Internal Guide


PRINCIPAL
Vignan's Institute of Management & Technology For Women
Kondapur(V), Ghatkesar(M), Medchal-Malkajgiri(Dt)-501301
Telangana State

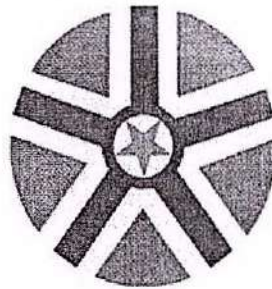
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WOMEN

DEPARTMENT OF COMPUTER SCIENCE AND TECHNOLOGY

(Approved by AICTE & Affiliated to JNTUH)

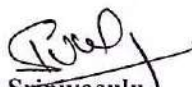
Kondapur (V), Ghatkesar (M), Medchal District – 501301


2021-2025



CERTIFICATE

This is to certify that the project report entitled "Extraction of Biodiesel from cotton seed oil" that is being Ande Harshini (21UP1A05D2), Dasari Sri Ragni (21UP1A05E7), Naguri Akshitha (21UP1A05G5), Sk Fouziya (21UP1A05I0), Tallapalli Greeshma (21UP1A05I3), Valdasu Chandana (21UP1A05J0) in partial fulfillment for the award of the Bachelor of Technology in COMPUTER SCIENCE & TECHNOLOGY to the Jawaharlal Nehru Technological University, is a record of bonafide work carried by her under my guidance and supervision.


Dr. T. Srinivasulu
Head of Department


Dr. S. Mahesh
Internal Guide

HEAD
Department of Basic Science & Humanities
Vignan's Institute of Management & Technology for Women
Kondapur (V), Ghatkesar (M), Medchal-Malkajgiri (Dt)-501301




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Kondapur (V), Ghatkesar (M), Medchal-Malkajgiri (Dt)-501301
Telangana State

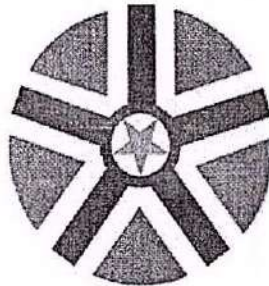
VIGNAN'S INSTITUTE OF MANAGEMENT AND TECHNOLOGY FOR
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DEPARTMENT OF COMPUTER SCIENCE AND TECHNOLOGY

(Approved by AICTE & Affiliated to JNTUH)


Kondapur (V), Ghatkesar (M), Medchal District – 501301

2021-2025



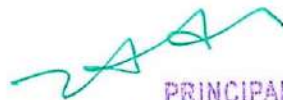
CERTIFICATE

This is to certify that the project report entitled “switchgear equipments” that is being Bommera vali (21UP1A05E1), Gattu Keerthi (21UP1A05F2), Pamarthi Bhagya Sri (21UP1A05G8), Rati Harshitha (21UP1A05H5), Singireddy Poojitha (21UP1A05H8), Soppari Nithyasri (21UP1A05I1), Tanniru Mamatha (21UP1A05I4) in partial fulfillment for the award of the Bachelor of Technology in COMPUTER SCIENCE & TECHNOLOGY to the Jawaharlal Nehru Technological University, is a record of bonafide work carried by her under my guidance and supervision.


Dr. T. Srinivasulu
Head of Department


HEAD

Department of Basic Science & Humanities
Vignan's Institute of Management & Tech for Women
Kondapur (V) Ghatkesar (M) Medchal District-501301
Telangana State



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Kondapur(V),Ghatkesar(M),Medchal-Malkajgiri(Dt)-501301
Telangana State


T. Rambabu
Internal Guide



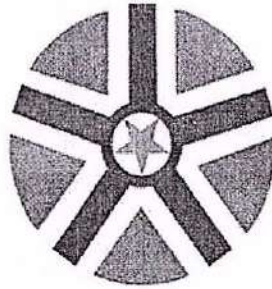
**VIGNAN'S INSTITUTE OF MANAGEMENT AND TECHNOLOGY FOR
WOMEN**

DEPARTMENT OF COMPUTER SCIENCE AND TECHNOLOGY

(Approved by AICTE & Affiliated to JNTUH)


Kondapur (V), Ghatkesar (M), Medchal District – 501301

2021-2025

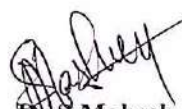


CERTIFICATE

This is to certify that the project report entitled “COMPARITIVE ANALYSIS OF ENVIRONMENTAL HAZARDS” that is being Boda Sri Varshini Yadav (21UP1A05D7), Bomma Swetha Priya (21UP1A05D9), Budarapu Aishwarya (21UP1A05E3), Dornala Sravani (21UP1A05E9), Nimmanagattu Neha (21UP1A05G6), Panganamamula Usha Sarvani (21UP1A05H0), Singaram Nandini (21UP1A05H7) in partial fulfillment for the award of the Bachelor of Technology in COMPUTER SCIENCE & TECHNOLOGY to the Jawaharlal Nehru Technological University, is a record of bonafide work carried by her under my guidance and supervision.


Dr. T. Srinivasulu
Head of Department


PRINCIPAL
Vignan's Institute of Management & Technology For Women
Kondapur(V), Ghatkesar(M), Medchal-Malkajgiri(Dt)-501301
Telangana State


Dr. S. Mahesh
Internal Guide

HEAD
Department of Basic Science & Humanities
Vignan's Institute of Management & Technology
Kondapur (V), Ghatkesar (M), Medchal (Dt) - 501301
(T.S.)





VIGNAN'S INSTITUTE OF MANAGEMENT AND TECHNOLOGY FOR WOMEN

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Kondapur (V), Ghatkesar (M), Medchal - Malkajgiri (D) - 501 301 Phone: +91 96529 10002/3



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

The III B.Tech Students of Computer Science and Engineering have undergone internship training during Academic Year 2021-22

S.no	Roll Number	Student Name	Organization	Duration
1	19UP1A0501	ALLADI ASHWITHA	Worksbot	5Months
2	19UP1A0502	ALLAKATTU PRANUSHA	Rakuten	6Months
3	19UP1A0504	BEJAGAM BHAVANA	Worksbot	5Months
4	19UP1A0505	BHOOPATHI DEEPTHI	Worksbot	5Months
5	19UP1A0506	BOGU VYSHNAVI	CSS Corp Pvt Ltd	4Months
6	19UP1A0508	CHIKATI LIKHITHA	Worksbot	5Months
7	19UP1A0510	G.AKANKASHA	Rakuten	6Months
8	19UP1A0511	GADDAM AKSHITHA	CSS Corp Pvt Ltd	4Months
9	19UP1A0512	GADDAM JOSHITHA	Rakuten	6Months
10	19UP1A0514	GARRE PREETHI	Worksbot	5Months
11	19UP1A0515	GUDETI MANOGNYA	Rakuten	6Months
12	19UP1A0518	K. NIHARIKA REDDY	Rakuten	6Months
13	19UP1A0519	KARANTI CHANDRA LEKHA	Rakuten	6Months
14	19UP1A0520	KOMATI REDDY SHREYA REDDY	Worksbot	5Months
15	19UP1A0522	KOVURI RADHA	TIGER ANALYTICS	5Months
16	19UP1A0523	KUNTIGORLA TEJASWINI	COGNIZANT	4Months
17	19UP1A0525	LIKITHA PAWAR	COGNIZANT	4Months
18	19UP1A0527	MARADUGU POOJITHA	TIGER ANALYTICS	5Months
19	19UP1A0528	N. MONICA MAHENDRA	TIGER ANALYTICS	5Months
20	19UP1A0529	MUDDASANI SNEHARSHITHA	GENPACT	6Months
21	19UP1A0545	MEGHANA RUDROJ	COGNIZANT	4Months
22	19UP1A0553	ANDEKAR EASHA	GENPACT	6Months
23	19UP1A0554	ANNALDESI SRAVIKA	GENPACT	6Months
24	19UP1A0556	AYILURI SRAVANI	COGNIZANT	4Months
25	19UP1A0558	BEERAVALLI SWAPNA	COGNIZANT	4Months
26	19UP1A0559	BETHI KEERTHANA	COGNIZANT	4Months
27	19UP1A0560	CHEEKATI.KUSHITHA	TIGER ANALYTICS	5Months
28	19UP1A0562	DEVANOORI USHASRI	COGNIZANT	4Months
29	19UP1A0563	DIDDI VASAVI	COGNIZANT	4Months
30	19UP1A0564	DONDA JINGANIYA	TIGER ANALYTICS	5Months
31	19UP1A0566	GAJJALA.ANUSHA	TIGER ANALYTICS	5Months
32	19UP1A0567	GANGA VELAKYA	GENPACT	6Months
33	19UP1A0568	J.MEGHANA	Worksbot	5Months
34	19UP1A0570	KARLAPATI SREENIJA	COGNIZANT	4Months
35	19UP1A0571	KOMMHNENI POOJA SRI	COGNIZANT	4Months
36	19UP1A0572	K.AKSHITHA REDDY	Worksbot	5Months
37	19UP1A0574	MANTHENA GOURI	Rakuten	6Months
38	19UP1A0575	MEDA KEERTHANA	CSS Corp Pvt Ltd	4Months
39	19UP1A0578	MOHAMMAD AFSHIN	Rakuten	6Months
40	19UP1A0579	M LAXMI PRASANNA	Rakuten	6Months
41	19UP1A0589	HARSHITHA POONUMALLI	DRDL	2Months
42	19UP1A0598	VADEAMUDI SAMYUKTHA	GENPACT	6Months
43	19UP1A05B2	AKANKSHA DENDE	Worksbot	5Months



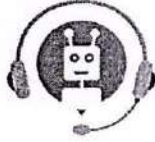
44	19UP1A05C0	GUNTAKA SHIVANI	GENPACT	6Months
45	19UP1A05C2	NITHEESHA JONNALAGADDA	Rakuten	6Months
46	19UP1A05C3	KATKURI HEMA	Worksbot	5Months
47	19UP1A05C5	KONKIMALLA VENKATA DRUVITHA	CSS Corp Pvt Ltd	4Months
48	19UP1A05C7	MONICA KOKUNOORI	CSS Corp Pvt Ltd	4Months
49	19UP1A05D2	HASITHA MARIKUNDAM	DRDL	2Months
50	19UP1A05D7	PULI SRUTHI	TIGER ANALYTICS	5Months
51	19UP1A05E0	KEERTHANA RANGARAJU	COGNIZANT	4Months
52	19UP1A05E2	RAYUDU AISHWARYA	Worksbot	5Months
53	19UP1A05E3	SANA SALEEM	TIGER ANALYTICS	5Months
54	19UP1A05E5	SOMIREDDY SRENITHA REDDY	Worksbot	5Months
55	19UP1A05E6	SRIPATHI SNIGDHA	CSS Corp Pvt Ltd	4Months
56	19UP1A05E8	THOTA TUSHARA PRIYA	TIGER ANALYTICS	5Months
57	19UP1A05F0	TOGUTA KAVYA	TIGER ANALYTICS	5Months
58	19UP1A05F2	VAKITI VARSHA	CSS Corp Pvt Ltd	4Months


HOD-CSE

Head of the Department
Computer Science and Engineering
Vignan's Institute of Management & Technology For Women
Kondapur (V), Ghatkesar (M), Medchal-Malkajgiri (Dt)-501301




PRINCIPAL
Vignan's Institute of Management & Technology For Women
Kondapur(V), Ghatkesar(M), Medchal-Malkajgiri(Dt)-501301
Telangana State



worksbot

CERTIFICATE OF INTERNSHIP

This is to certify that

ALLADI ASHWITHA

Vignan's Institute of Management and Technology for Women,
has done his/her internship on **Data Science** in our organization
Worksbot Applications Pvt.Ltd.,

Chennai from 01 February 2021-30 June 2022

We wish him/her all the best for the future.



Arun Kumar G
Assistant Manager HR

Month June 2022




PRINCIPAL
Vignan's Institute of Management & Technology For Women
Kandapur(V), Ghatkesar(M), Medchal-Malkajiri(Dt)-501301
Telangana State

Rakuten

Date: 02 -08 -2021

To

ALLAKATTU PRANUSHA

Vignan's Institute of Management and Technology for Women.

Kondapur, Ghatkesar, Telangana.

INTERNSHIP CERTIFICATE

This is to certify that **ALLAKATTU PRANUSHA** has successfully completed the One Month Internship program from **18th -January -2021 to 30th - July -2021** with Rakutan, Bangalore. He/She was working on **Technical Intrn** and was actively & diligently involved in the projects and tasks which are assigned. During the span, we found him/her punctual and hardworking person. His/Her feedback and evolution proved that he/she is a quick learner. Congratulations and Best Wishes.

A. Harshini

Sincerely,

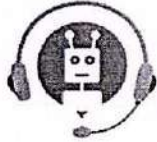
For Rakuten India Enterprise Private Limited

Rakuten India Enterprise Pvt Ltd
Crimson House Bengaluru, #19/2, Shrutha Complex, Primrose Rd, Off M.G. Road
Bangalore – 560025



[Signature]
PRINCIPAL

Vignan's Institute of Management & Technology For Women
Kondapur(V), Ghatkesar(M), Medchal-Malkajiri(Dt)-501301
Telangana State



worksbot

CERTIFICATE OF INTERNSHIP

This is to certify that

BEJAGAM BHAVANA

Vignan's Institute of Management and Technology for Women,
has done his/her internship on **Data Science** in our organization

Worksbot Applications Pvt.Ltd.,

Chennai from 01 February 2021-30 June 2022

We wish him/her all the best for the future.



Arun Kumar G

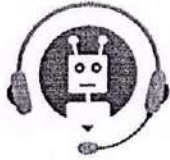
Assistant Manager HR

Month June 2022



[Signature]
PRINCIPAL

Vignan's Institute of Management & Technology For Women
Kondapur(V),Ghatkesar(M),Medchal-Malkajgiri(Dt)-501301
Telangana State



worksbot

CERTIFICATE OF INTERNSHIP

This is to certify that

BHOOPATHI DEEPTHI

Vignan's Institute of Management and Technology for Women,
has done his/her internship on **Data Science** in our organization

Worksbot Applications Pvt. Ltd.,

Chennai from 01 February 2021-30 June 2022

We wish him/her all the best for the future.



Arun Kumar G
Assistant Manager HR



PRINCIPAL

Vignan's Institute of Management & Technology For Women
Kondapur(V), Ghatkesar(M), Medchal-Malkajgiri(Di)-501301
Telangana State

Date: 13 -05 -2022

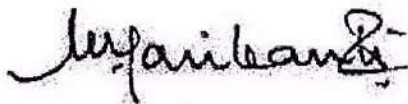
CERTIFICATE OF INTERNSHIP

This is to certify that

BOGU VYSHNAVI, 19UP1A0506

Vignan's Institute of Management and Technology for Women, Kondapur, Ghatkesar, Telangan.
He/ She was working on **Full Stack Development Track**. He/ She completed an internship from
15th-January-2022 to 8th – April-2022 during the period of her internship program with us, His/
Her had been exposed to different process and was found diligent and inquisitive. We wish her
every success in her life and career.

CSS Corp Private Limited



P-R Manikantan

Senior Director, Campus and Institutional Alliances



CSS Corp Private Limited

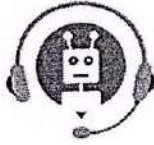
CIN: U72900TN2000PTC115034

Regd Address: Plot No-32 A&B, 6th, 9th & 10th Floor, Ambit IT Park, Industrial Estate,
Ambattur, Chennai Tel:91 44 66768000, www.csscorp.com



PRINCIPAL

Vignan's Institute of Management & Technology For W.
Kondapur(V),Ghatkesar(M),Medchal-Malkajgiri(Dt.)-501301
Telangana State



worksbot

CERTIFICATE OF INTERNSHIP

This is to certify that

CHIKATI LIKHITHA

Vignan's Institute of Management and Technology for Women,
has done his/her internship on **Data Science** in our organization

Worksbot Applications Pvt. Ltd.,

Chennai from 01 February 2021-30 June 2022

We wish him/her all the best for the future.



Arun Kumar G
Assistant Manager HR

Month June 2022




PRINCIPAL

Vignan's Institute of Management & Technology For Women
Kondapur(V),Ghatkesar(M),Medchal-Malkajgiri(Dt)-501301
Telangana State

Date: 02 -08 -2021

To

G.AKANKASHA

Vignan's Institute of Management and Technology for Women.
Kondapur, Ghatkesar, Telangana.

INTERNSHIP CERTIFICATE

This is to certify that **G.AKANKASHA** has successfully completed the One Month Internship program from **18th -January -2021 to 30th - July -2021** with Rakutan, Bangalore. He/She was working on **Technical Intern** and was actively & diligently involved in the projects and tasks which are assigned. During the span, we found him/her punctual and hardworking person. His/Her feedback and evolution proved that he/she is a quick learner. Congratulations and Best Wishes.

A. Harshini

Sincerely,

For Rakuten India Enterprise Private Limited



[Signature]
PRINCIPAL
Vignan's Institute of Management & Technology For Women
Kondapur(V), Ghatkesar(M), Medchal, Malkajgiri(DI)-501301
Telangana State

Rakuten India Enterprise Pvt Ltd

Crimson House Bengaluru, #19/2, Shrutha Complex, Primrose Rd, Off M.G. Road
Bangalore - 560025

Date: 13 -05 -2022

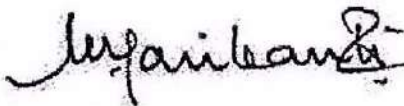
CERTIFICATE OF INTERNSHIP

This is to certify that

GADDAM AKSHITHA, 19UP1A0511

Vignan's Institute of Management and Technology for Women, Kondapur, Ghatkesar, Telangan.
He/ She was working on **Full Stack Development Track**. He/ She completed an internship from
15th-January-2022 to 8th – April-2022 during the period of her internship program with us, His/
Her had been exposed to different process and was found diligent and inquisitive. We wish her
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CSS Corp Private Limited



P R Manikantan

Senior Director, Campus and Institutional Alliances



CSS Corp Private Limited

CIN: U72900TN2000PTC115034

Regd Address: Plot No-32 A&B, 6th, 9th & 10th Floor, Ambit IT Park, Industrial Estate,
Ambattur, Chennai Tel:91 44 66768000, www.csscorp.com



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**Vignan's Institute of Management & Technology For Women
Kondapur(V), Ghatkesar(M), Medchal-Maikajiri(Dt)-501301
Telangana State**

Rakuten

Date: 02 -08 -2021

To

GADDAM JOSHITHA

Vignan's Institute of Management and Technology for Women.

Kondapur, Ghatkesar, Telangana.

INTERNSHIP CERTIFICATE

This is to certify that **GADDAM JOSHITHA** has successfully completed the One Month Internship program from **18th -January -2021 to 30th - July -2021** with Rakutan, Bangalore. He/She was working on **Technical Intern** and was actively & diligently involved in the projects and tasks which are assigned. During the span, we found him/her punctual and hardworking person. His/Her feedback and evolution proved that he/she is a quick learner. Congratulations and Best Wishes.

A. Harshini

Sincerely,

For Rakuten India Enterprise Private Limited



[Signature]

PRINCIPAL

Vignan's Institute of Management & Technology For Women
Kondapur(V), Ghatkesar(M), Medchal-Malkajgiri(Dt)-501301
Telangana State

Rakuten India Enterprise Pvt Ltd

Crimson House Bengaluru, #19/2 - Shrutha Complex, Primrose Rd, Off M.G. Road
Bangalore - 560025



workbot

CERTIFICATE OF INTERNSHIP

This is to certify that

GARRE PREETHI

Vignan's Institute of Management and Technology for Women,
has done his/her internship on **Data Science** in our organization

Workbot Applications Pvt. Ltd.,

Chennai from 01 February 2021-30 June 2022

We wish him/her all the best for the future.



Arun Kumar G
Assistant Manager HR

PRINCIPAL

Vignan's Institute of Management & Technology For Women
Kondapur(V), Ghatkesar(M), Medchal-Malkajgiri(Dt)-501301
Telangana State



Date: 02 -08 -2021

To

GUDDETI MANOGNYA

Vignaa's Institute of Management and Technology for Women.
Kondapur, Ghatkesar, Telangana.

INTERNSHIP CERTIFICATE

This is to certify that **GUDDETI MANOGNYA** has successfully completed the One Month Internship program from **18th -January -2021 to 30th - July -2021** with Rakutan, Bangalore. He/She was working on **Technical Intern** and was actively & diligently involved in the projects and tasks which are assigned. During the span, we found him/her punctual and hardworking person. His/Her feedback and evolution proved that he/she is a quick learner. Congratulations and Best Wishes.

A. Harshini

Sincerely,

For Rakuten India Enterprise Private Limited



[Signature]
PRINCIPAL

Vignaa's Institute of Management & Technology For Women
Kondapur(V), Ghatkesar(M), Medchal-Malkajgiri(Dt)-501301
Telangana State

Rakuten India Enterprise Pvt Ltd

Crimson House Bengaluru, #19/2, Shrutha Complex, Primrose Rd, Off M.G. Road
Bangalore - 560025

Date: 02 -08 -2021

To

K. NIHARIKA REDDY

Vignan's Institute of Management and Technology for Women.

Kondapur, Ghatkesar, Telangana.

INTERNSHIP CERTIFICATE

This is to certify that **K. NIHARIKA REDDY** has successfully completed the One Month Internship program from **18th -January -2021 to 30th - July -2021** with Rakutan, Bangalore. He/She was working on **Technical Intrn** and was actively & diligently involved in the projects and tasks which are assigned. During the span, we found him/her punctual and hardworking person. His/Her feedback and evolution proved that he/she is a quick learner. Congratulations and Best Wishes.

A. Harshini

Sincerely,

For Rakuten India Enterprise Private Limited



[Signature]
PRINCIPAL

Vignan's Institute of Management & Technology For Women
Kondapur(V), Ghatkesar(M), Medchal Maikajgiri(Dt)-501301
Telangana State

Rakuten India Enterprise Pvt Ltd

Crimson House Bengaluru, #19/2, Shrutha Complex, Primrose Rd, Off M.G. Road
Bangalore - 560025

Date: 02 -08 -2021

To

KARANTI CHANDRA LEKHA

Vignan's Institute of Management and Technology for Women.
Kondapur, Ghatkesar, Telangana.

INTERNSHIP CERTIFICATE

This is to certify that **KARANTI CHANDRA LEKHA** has successfully completed the One Month Internship program from **18th -January -2021 to 30th - July - 2021** with Rakutan, Bangalore. He/She was working on **Technical Intrn** and was actively & diligently involved in the projects and tasks which are assigned. During the span, we found him/her punctual and hardworking person. His/Her feedback and evolution proved that he/she is a quick learner. Congratulations and Best Wishes.

A. Harshini

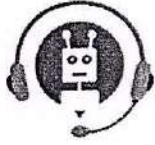
Sincerely,

For Rakuten India Enterprise Private Limited



[Signature]
PRINCIPAL
Vignan's Institute of Management & Technology For Women
Kondapur(V), Ghatkesar(M), Medchal-Malkajgiri(D1)-501301
Telangana State

Rakuten India Enterprise Pvt Ltd
Crimson House Bengaluru, #19/2, Shrutha Complex, Primrose Rd, Off M.G. Road
Bangalore - 560025



worksbot

CERTIFICATE OF INTERNSHIP

This is to certify that

K.R. SHREYA REDDY

Vignan's Institute of Management and Technology for Women,
has done his/her internship on **Data Science** in our organization

Worksbot Applications Pvt. Ltd.,

Chennai from 01 February 2021-30 June 2022

We wish him/her all the best for the future.

Month June 2022



Arun Kumar G
Assistant Manager HR


PRINCIPAL
Vignan's Institute of Management & Technology For Women
Kondapur(V),Ghatkesar(M),Medchal-Malkajgiri(Dt)-501301
Telangana State



EXPERIENCE CERTIFICATE

KOVURI RADHA

This is to certify that KOVURI RADHA has successfully completed the internship from Mar 02, 2022 to Jul 31, 2022. During internship tenure we found her extremely resourceful in all the tasks that were given.

The project undertaken was in "Data Science" vertical as an intern for Tiger Analytics India Consulting Private Limited.

We found her to be a good team player besides being a hard worker. I hereby certify her work was satisfactory to the best of my knowledge.

We wish you success in your future endeavors

Regards,

Regards

G. Pradeep Kumar

Pradeep Gulipalli

General Manager

Tiger Analytics India LLP

TIGER ANALYTICS INDIA CONSULTING PVT LTD
(CIN: U74999TN2021FTC146673)
RMZ Millenia Business Park-2, Campus 5(2nd Floor) No. 143,
Kandanchavadi, MGR Road, Perungudi, Chennai 600096.
www.tigeranalytics.com



PRINCIPAL

Vignana's Institute of Management & Technology For Women
Kondapur(V), Ghatkesar(M), Medchal-Malkajgiri(Dt)-501301
Telangana State



Date: 15:06:2022

Certificate of Internship

This is to certify that KUNTIGORLA TEJASWINI, student in Computer Science and Engineering (CSE) of Vignan's Institute of Management and Technology for Women, Kondapur, Hyderabad, has successfully completed a summer internship in the field of **Programmer Analyst Trainee** from 15th February 2022 to 16 MAY 2022.

During the period of his internship program with us she had been exposed to different process was found punctual, hardworking and inquisitive.

Yours sincerely,
For Cognizant Technology Solutions India Pvt. Ltd.,

Maya Sreekumar
Vice President - Human Resource



PRINCIPAL

Vignan's Institute of Management & Technology For Women
Kondapur(V), Ghatkesar(M), Medchal-Malkajgiri(Dt)-501301
Telangana State

Regd Office: 115/535, Old Mahabalipuram Road, Okkiam Thoraipakkam, Chennai - 600 097



Date: 15:06:2022

Certificate of Internship

This is to certify that LIKITHA PAWAR, student in Computer Science and Engineering (CSE) of Vignan's Institute of Management and Technology for Women, Kondapur, Hyderabad, has successfully completed a summer internship in the field of **Programmer Analyst Trainee** from 15th February 2022 to 16 MAY 2022.

During the period of his internship program with us she had been exposed to different process was found punctual, hardworking and inquisitive.

Yours sincerely,
For Cognizant Technology Solutions India Pvt. Ltd.,

Maya Sreekumar
Vice President - Human Resource

PRINCIPAL
Vignan's Institute of Management & Technology For Women
Kondapur(V), Ghatkesar(M), Medchal-Maikajiri(Dt)-501301
Telangana State

Regd Office: 115/535, Old Mahabalipuram Road, Okkiam Thoraipakkam, Chennai - 600 097



EXPERIENCE CERTIFICATE

MARADUGU POOJITHA

This is to certify that **MARADUGU POOJITHA** has successfully completed the internship from Mar 02, 2022 to Jul 31, 2022. During internship tenure we found her extremely resourceful in all the tasks that were given.

The project undertaken was in "Data Science" vertical as an intern for Tiger Analytics India Consulting Private Limited.

We found her to be a good team player besides being a hard worker. I hereby certify her work was satisfactory to the best of my knowledge.

We wish you success in your future endeavors

Regards

G. Pradeep Kumar

Pradeep Gulipalli

General Manager

Tiger Analytics India LLP

TIGER ANALYTICS INDIA CONSULTING PVT LTD
(CIN: U74999TN2021FTC146673)
RMZ Millenia Business Park-2, Campus 5(2nd Floor) No. 143,
Kandanchavadi, MGR Road, Perungudi, Chennai 600096.
www.tigeranalytics.com



[Handwritten Signature]

PRINCIPAL

Yignan's Institute of Management & Technology For Women
Kondapur(V), Ghatkesar(M), Medchal-Malkajgiri(Dt)-501301
Telangana State



EXPERIENCE CERTIFICATE

N. MONICA MAHENDRA

This is to certify that **N. MONICA MAHENDRA** has successfully completed the internship from Mar 02, 2022 to Jul 31, 2022. During internship tenure we found her extremely resourceful in all the tasks that were given.

The project undertaken was in "Data Science" vertical as an intern for **Tiger Analytics India Consulting Private Limited**.

We found her to be a good team player besides being a hard worker. I hereby certify her work was satisfactory to the best of my knowledge.

We wish you success in your future endeavors

Regards

G. Pradeep Kumar

Pradeep Gulipalli

General Manager

Tiger Analytics India LLP



[Signature]

PRINCIPAL

Vignana's Institute of Management & Technology For Women
Kondapur(V), Ghatkesar(M), Medchal-Malkajgiri(Dt.)-501301
Telangana State

TIGER ANALYTICS INDIA CONSULTING PVT LTD

(CIN: U74999TN2021FTC146673)

RMZ Millenia Business Park-2, Campus 5(2nd Floor) No. 143,

Kandanchavadi, MGR Road, Perungudi, Chennai 600096.

www.tigeranalytics.com

30th September 2022

INTERNSHIP TRAINING CERTIFICATE

This is to certify that MUDDASANI SNEHARSHITHA REG.NO: 19UP1A0529
3rd Year student of B.Tech in Computer Science and Engineering in Vignan's
Institute of Management and Technology for Women, had a training for six months
7th March 2022 to 25th September 2022 in **Trainee Engineer** successfully. Her
attendance & Performance during training was VERY GOOD.

Thanking You
We wish her all Success and well place in life



Yours Sincerely,

Accepted and Agreed

Rajiv Khatri

DLF City , Phase V, Sector53,
Gurgaon-122002, Haryana, India
T+911244022000
F+911244022205

Genpact.com

Vice President-Recruitment

Genpact India
(A Private Company with Unlimited Liability)
Registered Offices
Delhi Information Technology Park,
Shastri Park, Delhi-110053,
India



Classification: Genpact Internal



PRINCIPAL
Vignan's Institute of Management & Technology For Women
Kondapur(V), Ghatkesar(M), Medchal-Malkajgiri(Dt)-501301
Telangana State



Date: 15:06:2022

Certificate of Internship

This is to certify that MEGHANA RUDROJ, student in Computer Science and Engineering (CSE) of Vignan's Institute of Management and Technology for Women, Kondapur, Hyderabad, has successfully completed a summer internship in the field of **Programmer Analyst Trainee** from 15th February 2022 to 16 MAY 2022.

During the period of his internship program with us she had been exposed to different process was found punctual, hardworking and inquisitive.

Yours sincerely,
For Cognizant Technology Solutions India Pvt. Ltd.,

A handwritten signature in black ink, appearing to read 'Maya Sreekumar'.

Maya Sreekumar
Vice President - Human Resource

A handwritten signature in green ink, appearing to be the signature of the Principal.

PRINCIPAL
Vignan's Institute of Management & Technology For Women,
Kondapur(V), Ghatkesar(M), Medchal-Malkajgiri(Dt)-501301
Telangana State

Regd Office: 115/535, Old Mahabalipuram Road, Okkiam Thoraipakkam, Chennai - 600 097



30th September 2022

INTERNSHIP TRAINING CERTIFICATE

This is to certify that ANDEKAR EASHA, REG.NO: 19UP1A0553, 3rd Year student of B.Tech in Computer Science and Engineering in Vignan's Institute of Management and Technology for Women, had a training for six months 7th March 2022 to 25th September 2022 in **Trainee Engineer** successfully. Her attendance & Performance during training was VERY GOOD.

We wish her all Success and well place in life
Thanking You



Yours Sincerely,

Accepted and Agreed

Rajiv Khatri

DLF City , Phase V, Sector53,
Gurgaon-122002, Haryana, India
T+911244022000
F+911244022205

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Vice President-Recruitment

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PRINCIPAL

Vignan's Institute of Management & Technology For Women,
Kondapur(V),Ghatkesar(M),Medchal-Malkajgiri(Dt)-501301
Telangana State

30th September 2022

INTERNSHIP TRAINING CERTIFICATE

This is to certify that ANNALDESI SRAVIKA, REG.NO: 19UP1A0554, 3rd Year student of B.Tech in Computer Science and Engineering in Vignan's Institute of Management and Technology for Women, had a training for six months 7th March 2022 to 25th September 2022 in **Trainee Engineer** successfully. Her attendance & Performance during training was VERY GOOD.

We wish her all Success and well place in life
ThankingYou



Yours Sincerely,

Accepted and Agreed

Rajiv Khatri

DLF City , Phase V, Sector53,
Gurgaon-122002, Haryana, India
T+911244022000
F+911244022205

Genpact.com

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Shastri Park, Delhi-110053,
India



Classification: Genpact Internal



PRINCIPAL

**Vignan's Institute of Management & Technology For Women
Kondapur(V), Ghatkesar(M), Medchal-Malkajgiri(Dt)-501301
Telangana State**



Date: 15:06:2022

Certificate of Internship

This is to certify that AYILURI SRAVANI, student in Computer Science and Engineering (CSE) of Vignan's Institute of Management and Technology for Women, Kondapur, Hyderabad, has successfully completed a summer internship in the field of **Programmer Analyst Trainee** from 15th February 2022 to 16 MAY 2022.

During the period of his internship program with us she had been exposed to different process was found punctual, hardworking and inquisitive.

Yours sincerely,
For Cognizant Technology Solutions India Pvt. Ltd.,

Maya Sreekumar
Vice President - Human Resource

PRINCIPAL
Vignan's Institute of Management & Technology For Women
Kondapur(V), Ghatkesar(M), Medchal-Malkajgiri(Dt)-501301
Telangana State

Regd Office: 115/535, Old Mahabalipuram Road, Okkiam Thoraipakkam, Chennai - 600 097





Date: 15:06:2022

Certificate of Internship

This is to certify that BEERAVALLI SWAPNA, student in Computer Science and Engineering (CSE) of Vignan's Institute of Management and Technology for Women, Kondapur, Hyderabad, has successfully completed a summer internship in the field of **Programmer Analyst Trainee** from 15th February 2022 to 16 MAY 2022.

During the period of his internship program with us she had been exposed to different process was found punctual, hardworking and inquisitive.

Yours sincerely,
For Cognizant Technology Solutions India Pvt. Ltd.,

A handwritten signature in black ink, appearing to read 'Maya Sreekumar'.

Maya Sreekumar
Vice President - Human Resource

A handwritten signature in green ink, appearing to read 'Rashmi'.

PRINCIPAL
Vignan's Institute of Management & Technology For Women
Kondapur(V),Ghatkesar(M),Medchal-Malkajgiri(Dt)-501301
Telangana State

Regd Office: 115/535, Old Mahabalipuram Road, Okkiam Thoraipakkam, Chennai - 600 097





Date: 15:06:2022

Certificate of Internship

This is to certify that BETHI KEERTHANA, student in Computer Science and Engineering (CSE) of Vignan's Institute of Management and Technology for Women, Kondapur, Hyderabad, has successfully completed a summer internship in the field of **Programmer Analyst Trainee** from 15th February 2022 to 16 MAY 2022.

During the period of his internship program with us she had been exposed to different process was found punctual, hardworking and inquisitive.

Yours sincerely,
For Cognizant Technology Solutions India Pvt. Ltd.,

Maya Sreekumar
Vice President - Human Resource

Principal
Vignan's Institute of Management & Technology for Women
Kondapur(V), Ghatkesar(M), Medchal-Malkajgiri(Dt)-501301
Telangana State

Regd Office: 115/535, Old Mahabalipuram Road, Okkiam Thoraipakkam, Chennai - 600 097





EXPERIENCE CERTIFICATE

CHEEKATI KUSHITHA

This is to certify that **CHEEKATI KUSHITHA** has successfully completed the internship from Mar 02, 2022 to Jul 31, 2022. During internship tenure we found her extremely resourceful in all the tasks that were given.

The project undertaken was in "Data Science" vertical as an intern for Tiger Analytics India Consulting Private Limited.

We found her to be a good team player besides being a hard worker. I hereby certify her work was satisfactory to the best of my knowledge.

We wish you success in your future endeavors

Regards

G. Pradeep Kumar

Pradeep Gulipalli

General Manager

Tiger Analytics India LLP

TIGER ANALYTICS INDIA CONSULTING PVT LTD
(CIN: U74999TN2021FTC146673)
RMZ Millenia Business Park-2, Campus 5(2nd Floor) No. 143,
Kandanchavadi, MGR Road, Perungudi, Chennai 600096.
www.tigeranalytics.com



[Signature]
PRINCIPAL
Vignans Institute of Management & Technology For Women
Kondapur(V), Ghatkesar(M), Medchal-Malkajiri(Dt)-501301
Telangana State



Date: 15:06:2022

Certificate of Internship

This is to certify that DEVANOORI USHASRI, student in Computer Science and Engineering (CSE) of Vignan's Institute of Management and Technology for Women, Kondapur, Hyderabad, has successfully completed a summer internship in the field of **Programmer Analyst Trainee** from 15th February 2022 to 16 MAY 2022.

During the period of his internship program with us she had been exposed to different process was found punctual, hardworking and inquisitive.

Yours sincerely,
For Cognizant Technology Solutions India Pvt. Ltd.,

Maya Sreekumar
Vice President - Human Resource

PRINCIPAL

Vignan's Institute of Management & Technology For Women,
Kondapur(V), Ghatkesar(M), Medchal-Malkajgiri(Dt)-501301
Telangana State

Regd Office: 115/535, Old Mahabalipuram Road, Okkiam Thoraipakkam, Chennai - 600 097





Date: 15:06:2022

Certificate of Internship

This is to certify that DIDDI VASAVI, student in Computer Science and Engineering (CSE) of Vignan's Institute of Management and Technology for Women, Kondapur, Hyderabad, has successfully completed a summer internship in the field of **Programmer Analyst Trainee** from 15th February 2022 to 16 MAY 2022.

During the period of his internship program with us she had been exposed to different process was found punctual, hardworking and inquisitive.

Yours sincerely,
For Cognizant Technology Solutions India Pvt. Ltd.,

Maya Sreekumar
Vice President - Human Resource

PRINCIPAL

Vignan's Institute of Management & Technology For Women
Kondapur(V), Ghatkeer(M), Medchal-Malkajgiri(DU)-501001
Telangana State

Regd Office: 115/535, Old Mahabalipuram Road, Okkiam Thoraipakkam, Chennai - 600 097





EXPERIENCE CERTIFICATE

DONDA JINGANIYA

This is to certify that DONDA JINGANIYA has successfully completed the internship from Mar 02, 2022 to Jul 31, 2022. During internship tenure we found her extremely resourceful in all the tasks that were given.

The project undertaken was in "Data Science" vertical as an intern for Tiger Analytics India Consulting Private Limited.

We found her to be a good team player besides being a hard worker. I hereby certify her work was satisfactory to the best of my knowledge.

We wish you success in your future endeavors

Regards

G. Pradeep Kumar

Pradeep Gulipalli

General Manager

Tiger Analytics India LLP

TIGER ANALYTICS INDIA CONSULTING PVT LTD
(CIN: U74999TN2021FTC146673)
RMZ Millenia Business Park-2, Campus 5(2nd Floor) No. 143,
Kandanchavadi, MGR Road, Perungudi, Chennai 600096.
www.tigeranalytics.com




PRINCIPAL
Vignee's Institute of Management & Technology For Women
Kondapur(V), Ghatkesar(M), Medchal-Maikajiri(Dt)-501301
Telangana State



EXPERIENCE CERTIFICATE

GAJJALA ANUSHA

This is to certify that **GAJJALA ANUSHA** has successfully completed the internship from Mar 02, 2022 to Jul 31, 2022. During internship tenure we found her extremely resourceful in all the tasks that were given.

The project undertaken was in "Data Science" vertical as an intern for **Tiger Analytics India Consulting Private Limited**.

We found her to be a good team player besides being a hard worker. I hereby certify her work was satisfactory to the best of my knowledge.

We wish you success in your future endeavors

Regards

G. Pradeep Kumar

Pradeep Gulipalli

General Manager

Tiger Analytics India LLP

TIGER ANALYTICS INDIA CONSULTING PVT LTD
(CIN: U74999TN2021FTC146673)
RMZ Millenia Business Park-2, Campus 5(2nd Floor) No. 143,
Kandanchavadi, MGR Road, Perungudi, Chennai 600096.

www.tigeranalytics.com

PRINCIPAL

Vignan's Institute of Management & Technology For Women
Kondapur(V), Ghatkesar(M), Medchal-Malkajgiri(Dt)-501401
Telangana State




30th September 2022

INTERNSHIP TRAINING CERTIFICATE

This is to certify that GANGA VELAKYA, REG.NO: 19UP1A0567, 3rd Year student of B.Tech in Computer Science and Engineering in Vignan's Institute of Management and Technology for Women, had a training for six months 7th March 2022 to 25th September 2022 in **Trainee Engineer** successfully. Her attendance & Performance during training was VERY GOOD.

We wish her all Success and well place in life
ThankingYou



Yours Sincerely,

Accepted and Agreed

Rajiv Khatri

DLF City , Phase V, Sector53,
Gurgaon-122002, Haryana, India
T+911244022000
F+911244022205

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Vice President-Recruitment

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Shastri Park, Delhi-110053,
India



Classification: Genpact Internal



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Vignan's Institute of Management & Technology For Women
Kondapur(V), Ghatkesar(M), Medchal-Malkajgiri(Dt)-501301
Telangana State



worksbot

CERTIFICATE OF INTERNSHIP

This is to certify that

J.MEGHANA

Vignan's Institute of Management and Technology for Women,
has done his/her internship on **Data Science** in our organization
Worksbot Applications Pvt. Ltd.,

Chennai from 01 February 2021-30 June 2022

We wish him/her all the best for the future.



Arun Kumar G
Assistant Manager HR




PRINCIPAL
Vignan's Institute of Management & Technology For Women
Kondapur(V), Ghatkesar(M), Medchal-Malkajgiri(DI)-501301
Telangana State



Date: 15:06:2022

Certificate of Internship

This is to certify that KARLAPATI SREENIJA, student in Computer Science and Engineering (CSE) of Vignan's Institute of Management and Technology for Women, Kondapur, Hyderabad, has successfully completed a summer internship in the field of **Programmer Analyst Trainee** from 15th February 2022 to 16 MAY 2022.

During the period of his internship program with us she had been exposed to different process was found punctual, hardworking and inquisitive.

Yours sincerely,
For Cognizant Technology Solutions India Pvt. Ltd.,

A handwritten signature in black ink.

Maya Sreekumar
Vice President - Human Resource

A handwritten signature in green ink.

PRINCIPAL

Vignan's Institute of Management & Technology For Women
Kondapur(V), Ghatkosi(M), Medchal-Malkajgiri(Dt)-501301
Telangana State

Regd Office: 115/535, Old Mahabalipuram Road, Okkiam Thoraipakkam, Chennai - 600 097





Date: 15:06:2022

Certificate of Internship

This is to certify that KOMMHNENI POOJA SRI, student in Computer Science and Engineering (CSE) of Vignan's Institute of Management and Technology for Women, Kondapur, Hyderabad, has successfully completed a summer internship in the field of **Programmer Analyst Trainee** from 15th February 2022 to 16 MAY 2022.

During the period of his internship program with us she had been exposed to different process was found punctual, hardworking and inquisitive.

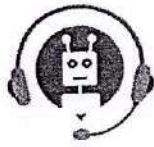
Yours sincerely,
For Cognizant Technology Solutions India Pvt. Ltd.,

Maya Sreekumar
Vice President - Human Resource

PRINCIPAL
Vignan's Institute of Management & Technology For Women
Kondapur(V), Ghatkesar(M), Medchal-Malkajgiri(Dt)-501301
Telangana, India

Regd Office: 115/535, Old Mahabalipuram Road, Okkiam Thoraipakkam, Chennai - 600 097





worksbot

CERTIFICATE OF INTERNSHIP

This is to certify that

K.AKSHITHA REDDY

Vignan's Institute of Management and Technology for Women,
has done his/her internship on **Data Science** in our organization

Worksbot Applications Pvt. Ltd.,

Chennai from 01 February 2021-30 June 2022

We wish him/her all the best for the future.



Arun Kumar G.
Assistant Manager HR

PRINCIPAL

Vignan's Institute of Management & Technology For Women
Kondapur(V), Ghatkesar(M), Medchal-Malkajgiri(Dt)-501301
Telangana State

Month June 2022



Date: 02 -08 -2021

To

MANTHENA GOURI

Vignan's Institute of Management and Technology for Women.
Kondapur,Ghatkesar,Telangana.

INTERNSHIP CERTIFICATE

This is to certify that **MANTHENA GOURI** has successfully completed the One Month Internship program from **18th -January -2021 to 30th - July -2021** with Rakutan, Bangalore. He/She was working on **Technical Intrn** and was actively & diligently involved in the projects and tasks which are assigned. During the span, we found him/her punctual and hardworking person. His/Her feedback and evolution proved that he/she is a quick learner. Congratulations and Best Wishes.

A. Harshini

Sincerely,

For Rakuten India Enterprise Private Limited



[Signature]

PRINCIPAL

Vignan's Institute of Management & Technology For Women
Kondapur(V),Ghatkesar(M),Medchal-Malkajgiri(Dt)-501301
Telangana State

Rakuten India Enterprise Pvt Ltd

Crimson House Bengaluru, #19/2, Shrutha Complex, Primrose Rd, Off M.G. Road
Bangalore - 560025

Date: 13 -05 -2022

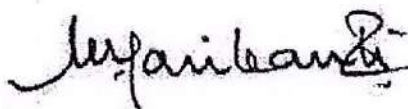
CERTIFICATE OF INTERNSHIP

This is to certify that

MEDA KEERTHANA, 19UP1A0575

Vignan's Institute of Management and Technology for Women, Kondapur, Ghatkesar, Telangan.
He/ She was working on **Full Stack Development Track**. He/ She completed an internship from
15th-January-2022 to 8th – April-2022 during the period of her internship program with us, His/
Her had been exposed to different process and was found diligent and inquisitive. We wish her
every success in her life and career.

CSS Corp Private Limited



P R Manikantan

Senior Director, Campus and Institutional Alliances



CSS Corp Private Limited

CIN: U72900TN2000PTC115034

Regd Address: Plot No-32 A&B, 6th, 9th & 10th Floor, Ambit IT Park, Industrial Estate,
Ambattur, Chennai Tel:91 44 66768000, www.csscorp.com



PRINCIPAL

Vignan's Institute of Management & Technology For Women
Kondapur(V), Ghatkesar(M), Medchal-Malkajgiri(Dt)-501301
Telangana State

Date: 02 -08 -2021

To

MOHAMMAD AFSHIN

Vignan's Institute of Management and Technology for Women.
Kondapur, Ghatkesar, Telangana.

INTERNSHIP CERTIFICATE

This is to certify that **MOHAMMAD AFSHIN** has successfully completed the One Month Internship program from **18th -January -2021 to 30th - July -2021** with Rakutan, Bangalore. He/She was working on **Technical Intrn** and was actively & diligently involved in the projects and tasks which are assigned. During the span, we found him/her punctual and hardworking person. His/Her feedback and evolution proved that he/she is a quick learner. Congratulations and Best Wishes.

A. Harshini

Sincerely,

For Rakuten India Enterprise Private Limited



[Handwritten signature]

PRINCIPAL
Vignan's Institute of Management & Technology For Women
Kondapur(V), Ghatkesar(M), Medchal-Malkajgiri(Dt)-501301
Telangana State

Rakuten India Enterprise Pvt Ltd

Crimson House Bengaluru, #19/2, Shrutha Complex, Primrose Rd, Off M.G. Road
Bangalore - 560025

Date: 02 -08 -2021

To

M LAXMI PRASANNA

Vignan's Institute of Management and Technology for Women.
Kondapur,Ghatkesar,Telangana.

INTERNSHIP CERTIFICATE

This is to certify that **M LAXMI PRASANNA** has successfully completed the One Month Internship program from **18th -January -2021 to 30th - July -2021** with Rakutan, Bangalore. He/She was working on **Technical Intrn** and was actively & diligently involved in the projects and tasks which are assigned. During the span, we found him/her punctual and hardworking person. His/Her feedback and evolution proved that he/she is a quick learner. Congratulations and Best Wishes.

A. Harshini

Sincerely,

For Rakuten India Enterprise Private Limited



[Handwritten Signature]

PRINCIPAL

Vignan's Institute of Management & Technology For Women
Kondapur(V), Ghatkesar(M), Medchal-Malkajgiri(Dt)-501301
Telangana State

Rakuten India Enterprise Pvt Ltd

Crimson House Bengaluru, #19/2, Shrutha Complex, Primrose Rd, Off M.G. Road
Bangalore - 560025

30th September 2022

INTERNSHIP TRAINING CERTIFICATE

This is to certify that VADLAMUDI SAMYUKTHA, REG.NO: 19UP1A0598, 3rd Year student of B.Tech in Computer Science and Engineering in Vignan's Institute of Management and Technology for Women, had a training for six months 7th March 2022 to 25th September 2022 in **Trainee Engineer** successfully. Her attendance & Performance during training was VERY GOOD.

We wish her all Success and well place in life
ThankingYou



Yours Sincerely,

Accepted and Agreed

Rajiv Khatri
DLF City , Phase V, Sector53,
Gurgaon-122002, Haryana, India
T+911244022000
F+911244022205

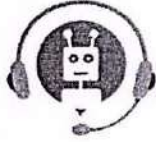
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Shastri Park, Delhi-110053,
India

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Vignan's Institute of Management & Technology For Women
Kondapur(V), Ghatkesar(M), Medchal-Malkajgiri(Dt)-501304
Telangana State



worksbot

CERTIFICATE OF INTERNSHIP

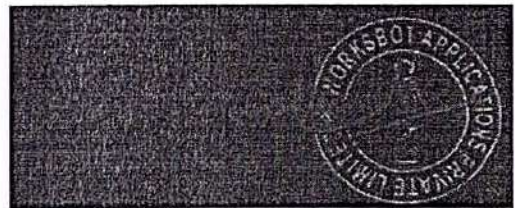
This is to certify that

AAKANKSHA DENDE

Vignan's Institute of Management and Technology for Women,
has done his/her internship on **Data Science** in our organization
Worksbot Applications Pvt.Ltd.,

Chennai from 01 February 2021-30 June 2022

We wish him/her all the best for the future.



Arun Kumar G
Assistant Manager HR

Month June 2022





PRINCIPAL
Vignan's Institute of Management & Technology For W.
Kondapur(V), Ghatkesar(M), Medchal-Malkajgiri(Dt)-501301
Telangana State

30th September 2022

INTERNSHIP TRAINING CERTIFICATE

This is to certify that GUNTAKA SHIVANI, REG.NO: 19UP1A05C0, 3rd Year student of B.Tech in Computer Science and Engineering in Vignan's Institute of Management and Technology for Women, had a training for six months 7th March 2022 to 25th September 2022 in **Trainee Engineer** successfully. Her attendance & Performance during training was VERY GOOD.

We wish her all Success and well place in life
ThankingYou



Yours Sincerely,

Accepted and Agreed

Rajiv Khatri

DLF City , Phase V, Sector53,
Gurgaon-122002, Haryana, India
T+911244022000
F+911244022205

Genpact.com

Vice President-Recruitment

Genpact India
(A Private Company with Unlimited Liability)
Registered Offices
Delhi Information Technology Park,
Shastri Park, Delhi-110053,
India



Classification: Genpact Internal



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Vignan's Institute of Management & Technology For Women
Kondapur(V),Ghatkesar(M),Medchal-Malkajgiri(Dt)-501301
Telangana State

Rakuten

Date: 02 -08 -2021

To

NITHEESHA JONNALAGADDA

Vignan's Institute of Management and Technology for Women.
Kondapur, Ghatkesar, Telangana.

INTERNSHIP CERTIFICATE

This is to certify that **NITHEESHA JONNALAGADDA** has successfully completed the One Month Internship program from **18th -January -2021 to 30th - July - 2021** with Rakutan, Bangalore. He/She was working on **Technical Intrn** and was actively & diligently involved in the projects and tasks which are assigned. During the span, we found him/her punctual and hardworking person. His/Her feedback and evolution proved that he/she is a quick learner. Congratulations and Best Wishes.

A. Harshini

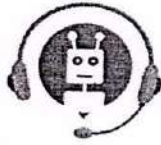
Sincerely,

For Rakuten India Enterprise Private Limited



ASH
PRINCIPAL
Vignan's Institute of Management & Technology For Women
Kondapur(V), Ghatkesar(M), Medchal-Malkajgiri(Dt)-501301
Telangana State

Rakuten India Enterprise Pvt Ltd
Crimson House Bengaluru, #19/2, Shrutha Complex, Primrose Rd, Off M.G. Road
Bangalore - 560025



worksbot

CERTIFICATE OF INTERNSHIP

This is to certify that

KATKURI HEMA

Vignan's Institute of Management and Technology for Women,
has done his/her internship on **Data Science** in our organization
Worksbot Applications Pvt.Ltd.,

Chennai from 01 February 2021-30 June 2022

We wish him/her all the best for the future.



Arun Kumar G
Assistant Manager HR

Month June 2022



[Handwritten Signature]
PRINCIPAL
Vignan's Institute of Management & Technology For Women
Kondapur(V), Ghathasra(M), Madchal-Malakajiri(Dt)-501301
Telangana State

Date: 13 -05 -2022

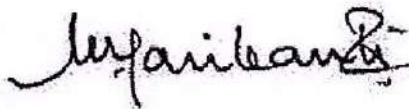
CERTIFICATE OF INTERNSHIP

This is to certify that

KONKIMALLA VENKATA DRUVITHA, 19UP1A05C5

Vignan's Institute of Management and Technology for Women, Kondapur, Ghatkesar, Telangan.
He/ She was working on **Full Stack Development Track**. He/ She completed an internship from
15th-January-2022 to 8th – April-2022 during the period of her internship program with us, His/
Her had been exposed to different process and was found diligent and inquisitive. We wish her
every success in her life and career.

CSS Corp Private Limited



P R Manikantan

Senior Director, Campus and Institutional Alliances



CSS Corp Private Limited

CIN: U72900TN2000PTC115034

Regd Address: Plot No-32 A&B, 6th, 9th & 10th Floor, Ambit IT Park, Industrial Estate,
Ambattur, Chennai Tel:91 44 66768000, www.csscorp.com



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Vignan's Institute of Management & Technology For Women
Kondapur(V),Ghatkesar(M),Medchal-Malkajgiri(Dt)-501301
Telangana State

Date: 13 -05 -2022

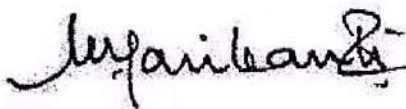
CERTIFICATE OF INTERNSHIP

This is to certify that

MONICA KOKUNOORI, 19UP1A05C7

Vignan's Institute of Management and Technology for Women, Kondapur, Ghatkesar, Telangan.
He/ She was working on **Full Stack Development Track**. He/ She completed an internship from
15th-January-2022 to 8th – April-2022 during the period of her internship program with us, His/
Her had been exposed to different process and was found diligent and inquisitive. We wish her
every success in her life and career.

CSS Corp Private Limited



P R Manikantan

Senior Director, Campus and Institutional Alliances



CSS Corp Private Limited

CIN: U72900TN2000PTC115034

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Kondapur(V), Ghatkesar(M), Medchal-Malkajgiri(Dt)-501301
Telangana State



Govt. of India
Ministry of Defence
DEFENCE RESEARCH & DEV. ORGN.
DEFENCE RESEARCH & DEV.
LABORATORY
PO: KANCHANBAGH
HYDERABAD – 500 058

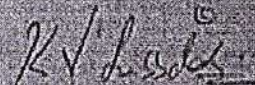
Letter No. DRDL/DHRTM/HRD/INTERSHIP/2022

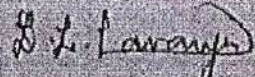
Dated: 24th May 2022

CERTIFICATE

This is to certify that Ms MARIKUNDAM HASITHA student of B.Tech.(CSE) 3rd year (Roll No.: 19UP1A05D2) of Vignan's Institute of Management & Technology for Women, Medchal, Hyderabad has undergone the internship work at Defence Research & Development Laboratory (DRDL), Kanchanbagh, Hyderabad. The duration of the project was one month from 19th April 2022 to 19th May 2022. She has successfully completed internship on "Instrumentation and Data Acquisition System for Wind Tunnel Testing" under the guidance of Shri. K Venkata Subbaiah, Technical Officer 'A'.

During internship her conduct was found to be good.


(Shri K VENKATA SUBBAIAH)
Technical Officer 'A'


(Dr D. L. LAVANYA)
Scientist 'F'

Dy. Technology Director, DOAT

डॉ. डी.एल. लावण्या / Dr. D.L. LAVANYA
वैज्ञानिक 'एफ' / Scientist 'F'
उप-प्रौद्योगिकी निदेशक, डीओटी
Dy. Technology Director, DOAT
संज्ञकरीपत, हैदराबाद ५८ / DRDL, Hyderabad-500 058




PRINCIPAL
Vignan's Institute of Management & Technology for Women
Kanchanbagh, Hyderabad-500058
Telangana State



EXPERIENCE CERTIFICATE

PULI SRUTHI

This is to certify that **PULI SRUTHI** has successfully completed the internship from Mar 02, 2022 to Jul 31, 2022. During internship tenure we found her extremely resourceful in all the tasks that were given.

The project undertaken was in "Data Science" vertical as an intern for Tiger Analytics India Consulting Private Limited.

We found her to be a good team player besides being a hard worker. I hereby certify her work was satisfactory to the best of my knowledge.

We wish you success in your future endeavors

Regards

G. Pradeep Kumar

Pradeep Gulipalli

General Manager

Tiger Analytics India LLP

TIGER ANALYTICS INDIA CONSULTING PVT LTD

(CIN: U74999TN2021FTC146673)

RMZ Millenia Business Park-2, Campus 5(2nd Floor) No. 143,

Kandanchavadi, MGR Road, Perungudi, Chennai 600096

www.tigeranalytics.com



[Signature]
PRINCIPAL
Vigyan's Institute of Management & Technology For Women
Kondapur(V), Ghatkher(M), Malkajgiri(Dt)-501301
Telangana State



Date: 15:06:2022

Certificate of Internship

This is to certify that KEERTHANA RANGARAJU, student in Computer Science and Engineering (CSE) of Vignan's Institute of Management and Technology for Women, Kondapur, Hyderabad, has successfully completed a summer internship in the field of **Programmer Analyst Trainee** from 15th February 2022 to 16 MAY 2022.

During the period of his internship program with us she had been exposed to different process was found punctual, hardworking and inquisitive.

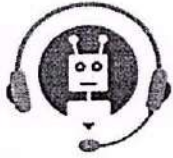
Yours sincerely,
For Cognizant Technology Solutions India Pvt. Ltd.,

Maya Sreekumar
Vice President - Human Resource

Regd Office: 115/535, Old Mahabalipuram Road, Okkiam Thoraipakkam, Chennai - 600 097




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Vignan's Institute of Management & Technology For Women
Kondapur(V), Medchal, Telangana State
Pin-501301



worksbot

CERTIFICATE OF INTERNSHIP

This is to certify that

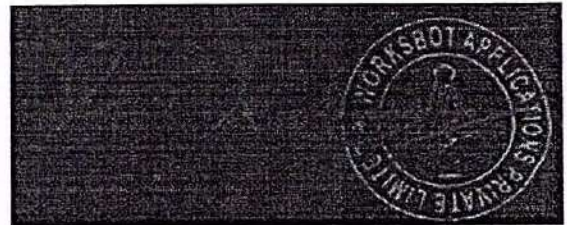
RAYUDU AISHWARYA

Vignan's Institute of Management and Technology for Women,
has done his/her internship on **Data Science** in our organization

Worksbot Applications Pvt. Ltd.,

Chennai from 01 February 2021-30 June 2022

We wish him/her all the best for the future.



Arun Kumar G
Assistant Manager HR

PRINCIPAL

Vignan's Institute of Management & Technology For Women
Kondapur(V),Ghartikesar(M),Medchal-Maikalgiri(DT)-501301
Telangana State





EXPERIENCE CERTIFICATE

SANA SALEEM

This is to certify that **SANA SALEEM** has successfully completed the internship from Mar 02, 2022 to Jul 31, 2022. During internship tenure we found her extremely resourceful in all the tasks that were given.

The project undertaken was in "Data Science" vertical as an intern for Tiger Analytics India Consulting Private Limited.

We found her to be a good team player besides being a hard worker. I hereby certify her work was satisfactory to the best of my knowledge.

We wish you success in your future endeavors

Regards

G. Pradeep Kumar

Pradeep Gulipalli

General Manager

Tiger Analytics India LLP

TIGER ANALYTICS INDIA CONSULTING PVT LTD

(CIN: U74999TN2021FTC146673)

RMZ Millenia Business Park-2, Campus 5(2nd Floor) No. 143,

Kandanchavadi, MGR Road, Perungudi, Chennai 600096.

www.tigeranalytics.com



[Signature]
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Vignani's Institute of Management & Technology For Women
Kondapur(M), Medchal-Malkajgiri(Dt)-501301
Telangana State



worksbot

CERTIFICATE OF INTERNSHIP

This is to certify that

S. SRENITHA REDDY

Vignan's Institute of Management and Technology for Women,
has done his/her internship on **Data Science** in our organization

Worksbot Applications Pvt. Ltd.,

Chennai from 01 February 2021-30 June 2022

. We wish him/her all the best for the future.



Arun Kumar G
Assistant Manager HR




PRINCIPAL
Vignan's Institute of Management & Technology For Women
Kondapur(V),Ghatkesar(M),Medchal-Malkajgiri(Dt)-501301
Telangana State

Date: 13 -05 -2022

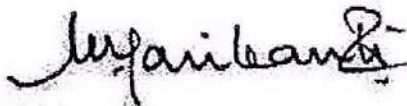
CERTIFICATE OF INTERNSHIP

This is to certify that

SRIPATHI SNIGDHA, 19UP1A05E6

Vignan's Institute of Management and Technology for Women, Kondapur, Ghatkesar, Telangan.
He/ She was working on **Full Stack Development Track**. He/ She completed an internship from
15th-January-2022 to 8th – April-2022 during the period of her internship program with us, His/
Her had been exposed to different process and was found diligent and inquisitive. We wish her
every success in her life and career.

CSS Corp Private Limited



P R Manikantan

Senior Director, Campus and Institutional Alliances



CSS Corp Private Limited

CIN: U72900TN2000PTC115034

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Kondapur(V), Ghatkesar(M), Medchal-Malkajgiri(Dt)-501301
Telangana State



EXPERIENCE CERTIFICATE

THOTA TUSHARA PRIYA

This is to certify that THOTA TUSHARA PRIYA has successfully completed the internship from Mar 02, 2022 to Jul 31, 2022. During internship tenure we found her extremely resourceful in all the tasks that were given.

The project undertaken was in "Data Science" vertical as an intern for Tiger Analytics India Consulting Private Limited.

We found her to be a good team player besides being a hard worker. I hereby certify her work was satisfactory to the best of my knowledge.

We wish you success in your future endeavors

Regards

G. Pradeep Kumar

Pradeep Gulipalli

General Manager

Tiger Analytics India LLP

TIGER ANALYTICS INDIA CONSULTING PVT LTD

(CIN: U74999TN2021FTC146673)

RMZ Millenia Business Park-2, Campus 5(2nd Floor) No. 143,

Kandanchavadi, MGR Road, Perungudi, Chennai 600096.

www.tigeranalytics.com



[Signature]
PRINCIPAL
Tiger Analytics India Consulting Pvt Ltd
Kandanchavadi, MGR Road, Perungudi, Chennai 600096
Telangana State



EXPERIENCE CERTIFICATE

TOGUTA KAVYA

This is to certify that TOGUTA KAVYA has successfully completed the internship from Mar 02, 2022 to Jul 31, 2022. During internship tenure we found her extremely resourceful in all the tasks that were given.

The project undertaken was in "Data Science" vertical as an intern for Tiger Analytics India Consulting Private Limited.

We found her to be a good team player besides being a hard worker. I hereby certify her work was satisfactory to the best of my knowledge.

We wish you success in your future endeavors

Regards

G. Pradeep Kumar

Pradeep Gulipalli

General Manager

Tiger Analytics India LLP

TIGER ANALYTICS INDIA CONSULTING PVT LTD
(CIN: U74999TN2021FTC146673)
RMZ Millenia Business Park-2, Campus 5(2nd Floor) No. 143,
Kandanchavadi, MGR Road, Perungudi, Chennai 600096.

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Tiger's Institute of Management & Technology For Women
Kondapur(V), Ghatkesar(M), Medchal-Malkajgiri(Dt)-501301
Telangana State

Date: 13 -05 -2022

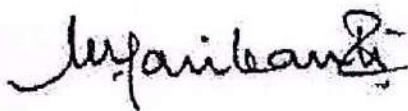
CERTIFICATE OF INTERNSHIP

This is to certify that

VAKITI VARSHA, 19UP1A05F2

Vignan's Institute of Management and Technology for Women, Kondapur, Ghatkesar, Telangan.
He/ She was working on **Full Stack Development Track**. He/ She completed an internship from
15th-January-2022 to 8th – April-2022 during the period of her internship program with us, His/
Her had been exposed to different process and was found diligent and inquisitive. We wish her
every success in her life and career.

CSS Corp Private Limited



P R Manikantan

Senior Director, Campus and Institutional Alliances




PRINCIPAL
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Kondapur(V), Ghatkesar(M), Medchal-Malkajgiri(Dt.)-501301
Telangana State

CSS Corp Private Limited

CIN: U72900TN2000PTC115034

Regd Address: Plot No-32 A&B, 6th, 9th & 10th Floor, Ambit IT Park, Industrial Estate,
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Kondapur (V), Ghatkesar (M), Medchal - Malkajgiri (D) - 501 301 Phono: +91 96629 10002/3



Department of Basic Science & Humanities

Academic Year-2021-22


I B.Tech -II Sem IT-List of Engineering Exploration Projects

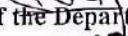
S.no	Batch No	Roll Number	Student Name	Title	Guide
1	I01	21UP1A1205	Burra Tejaswini	Construct LED cube	K. Bal Reddy
2		21UP1A1216	J Radhika		
3		21UP1A1225	K. Sowmya		
4		21UP1A1226	Kalva Anjali		
5		21UP1A1227	Kandadi Varanitha Reddy		
6		21UP1A1235	Mamilla Bhargavi		
7		21UP1A1206	Ch.Akshaya		
8	I02	21UP1A1219	Julakant Navya	Construct rain alarm	K. Bal Reddy
9		21UP1A1223	K. Poojitha		
10		21UP1A1242	Nallamalla Kavya		
11		21UP1A1249	Sama Swachitha		
12		21UP1A1253	Velishoju Neha		
13		21UP1A1202	Avaduthwar Avanthi		
14	21UP1A1212	G. Varshitha			
15	I03	21UP1A1231	Kotte Jyothi	Student Record System	R. Krishna Nayak
16		21UP1A1238	Mendu Laxmi Prasanna		
17		21UP1A1244	Polam Manisha		
18		21UP1A1252	Vasireddy Navya Sri		
19		21UP1A1203	B.Jayasri		
20		21UP1A1210	E Shravya		
21	21UP1A1218	Jivilka Sreeja			
22	I04	21UP1A1224	K. Sanjana	Departmental Storage System	R. Krishna Nayak
23		21UP1A1229	Kommi Chandana		
24		21UP1A1241	Nakirtha Sahithi		
25		21UP1A1215	Gattupally Sloka		
26		21UP1A1220	K Navya		
27		21UP1A1222	K. Lakshmi Priyanka		
28		21UP1A1239	Methuku Akhila		
29	I05	21UP1A1246	R. Vigneshwari	Pollution study of near by river	Dileep
30		21UP1A1254	Yerrabothu Komali		
31		21UP1A1217	Janapareddy Srivalli		
32		21UP1A1232	Kurakula Rukmini		
33		21UP1A1236	Manasi Agarwal		



[Signature]
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 Vignans Institute of Management & Technology For Women
 Kondapur (V), Ghatkesar (M), Medchal - Malkajgiri (D) - 501 301
 Telangana State

34		21UP1A1243	Narsing Revathi		
35		21UP1A1248	S. Sreeja		
36	I06	21UP1A1250	Swayampakala Sai	Project on Vermi-composting	T.Dileep
37		21UP1A1201	A.Ramya Sri		
38		21UP1A1211	Essgir Akshaya		
39		21UP1A1221	K Vasudha		
40		21UP1A1230	Konda Rajasri		
41		21UP1A1237	Manchikanti Mounika		
42	I07	21UP1A1245	Putti Kinthu	A project on applications of MCB	T.Rambabu
43		21UP1A1207	Chakravarthula		
44		21UP1A1214	Gajjela Nikhila		
45		21UP1A1228	Karnati Susmitha Reddy		
46		21UP1A1233	M. Harika		
47		21UP1A1240	Nagoju Sahithi		
48		21UP1A1247	Ravulapati Gnana Deepthi		
49	I08	21UP1A1204	Basireddy Niharika Reddy	Feasibility study on reuse of electroplating effluent in construction materials	T.Dileep
50		21UP1A1208	Cheruku Divija		
51		21UP1A1209	Degaon Shriya		
52		21UP1A1213	G.Swathi		
53		21UP1A1234	Makthala Rithika		
54		21UP1A1251	Thalla Pallavi		


Project Coordinator


Head of the Department

HEAD
Department of Basic Science & Humanities
Vignana Institute of Management & Tech. for Women
Ghatkesar (M) R R Dist-501301 (T.S)




PRINCIPAL
Vignana's Institute of Management & Technology For Women
Kondapur(V),Ghatkesar(M),Medchal-Maikajiri(Dt)-501301
Telangana State

VIGNAN'S INSTITUTE OF MANAGEMENT AND TECHNOLOGY FOR
WOMEN

DEPARTMENT OF INFORMATION TECHNOLOGY

(Approved by AICTE & Affiliated to JNTUH)

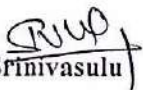
Kondapur (V), Ghatkesar (M), Medchal District – 501301


2021-2025



CERTIFICATE

This is to certify that the project report entitled “Construct LED cube” that is being submitted Burra Tejaswini (21UP1A1205), J.Radhika(21UP1A1216),K.Sowmya(21UP1A1225),KalvaAnjali (21UP1A1226), KandadiVaranitha Reddy (21UP1A1227), MamillaBhargavi (21UP1A1235), Ch.Akshaya(21UP1A1206)in partial fulfillment for the award of the Bachelor of Technology in INFORMATION TECHNOLOGY to the Jawaharlal Nehru Technological University, is a record of bonafide work carried by her under my guidance and supervision.


Dr. T.Srinivasulu
Head of Department


K.Bal Reddy
Internal Guide

HEAD
Department of Basic Science & Humanities
Vignans Institute of Management & Technology For Women
Kondapur (V) Ghatkesar (M) Medchal (Dt) - 501301




PRINCIPAL
Vignans Institute of Management & Technology For Women
Kondapur(V), Ghatkesar(M), Medchal-Malkajgiri(Dt)-501301
Telangana State

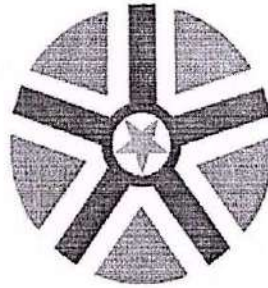
**VIGNAN'S INSTITUTE OF MANAGEMENT AND TECHNOLOGY FOR
WOMEN**

DEPARTMENT OF INFORMATION TECHNOLOGY

(Approved by AICTE & Affiliated to JNTUH)


Kondapur (V), Ghatkesar (M), Medchal District – 501301


2021-2025



CERTIFICATE

This is to certify that the project report entitled “Construct rain alarm” that is being submitted JulakantNavya(21UP1A1219), K.Poojitha (21UP1A1223), Nallamalla Kavya (21UP1A1242), SamaSwachitha (21UP1A1249), Velishoju Neha (21UP1A1253), Avaduthwar Avanthi(21UP1A1202),G. Varshitha (21UP1A1212)in partial fulfillment for the award of the Bachelor of Technology in INFORMATION TECHNOLOGY to the Jawaharlal Nehru Technological University, is a record of bonafide work carried by her under my guidance and supervision.


Dr. T.Srinivasulu
Head of Department


K.Bal Reddy
Internal Guide

HEAD
Department of Basic Science & Humanities
Vignan's Institute of Management & Technology For Women
Kondapur (V) Ghatkesar (M) RR Dist - E. Medchal




PRINCIPAL
Vignan's Institute of Management & Technology For Women
Kondapur(V), Ghatkesar(M), Medchal-Maikajiri(Dt)-501301
Telangana State

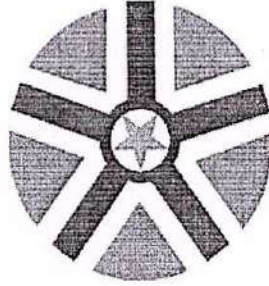
**VIGNAN'S INSTITUTE OF MANAGEMENT AND TECHNOLOGY FOR
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DEPARTMENT OF INFORMATION TECHNOLOGY

(Approved by AICTE & Affiliated to JNTUH)

Kondapur (V), Ghatkesar (M), Medchal District – 501301

2021-2025



CERTIFICATE

This is to certify that the project report entitled “Student Record System” that is being submitted Kotte Jyothi (21UP1A1231), MenduLaxmiPrasanna (21UP1A1238), Polam Manisha (21UP1A1244), VasireddyNavyaSri (21UP1A1252), B.Jayasri (21UP1A1203), E Shravya (21UP1A1210), JivilkaSreeja(21UP1A1218) in partial fulfillment for the award of the Bachelor of Technology in INFORMATION TECHNOLOGY to the Jawaharlal Nehru Technological University, is a record of bonafide work carried by her under my guidance and supervision.

Dr. T.Srinivasulu
Head of Department

HEAD

Department of Basic Science & Humanities
Vignan's Institute of Management & Tech for Women
Kondapur (V) Ghatkesar (M) Medchal Dist. 501301 (TS)



R.Krishnakumari
Internal Guide

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Vignan's Institute of Management & Technology For Women
Kondapur(V), Ghatkesar(M), Medchal-Malkajgiri(Dt)-501301
Telangana State

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DEPARTMENT OF INFORMATION TECHNOLOGY

(Approved by AICTE & Affiliated to JNTUH)


Kondapur (V), Ghatkesar (M), Medchal District – 501301

2021-2025



CERTIFICATE


This is to certify that the project report entitled “Departmental Storage System” that is being submitted K.Sanjana (21UPIA1224), KommiChandana (21UPIA1229), NakirthaSahithi (21UPIA1241), GattupallySloka(21UPIA1215),KNavya(21UPIA1220), K. Lakshmi Priyanka (21UPIA1222),MethukuAkhila(21UPIA1239) in partial fulfillment for the award of the Bachelor of Technology in INFORMATION TECHNOLOGY to the Jawaharlal Nehru Technological University, is a record of bonafide work carried by her under my guidance and supervision.


Dr. T.Srinivasulu
Head of Department

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Kondapur (V) Ghatkesar (M) R.R. Dist-501301 (T.S)




R.Krishnanayak
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Kondapur(V), Ghatkesar(M), Medchal-Malkajgiri(Dt)-501301
Telangana State

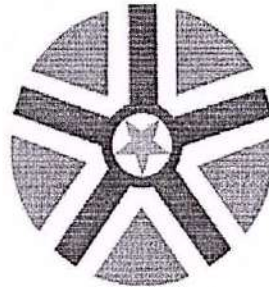
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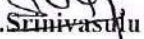
Kondapur (V), Ghatkesar (M), Medchal District – 501301

2021-2025



CERTIFICATE


This is to certify that the project report entitled "Pollution study of near by river" that is being submitted R. Vigneshwari(21UP1A1246), Yerrabothu Komali(21UP1A1254), Janapareddy Srivalli (21UP1A1217), Kurakula Rukmini(21UP1A1232), Manasi Agarwal(21UP1A1236), Narsing Revathi (21UP1A1243), S. Sreeja(21UP1A1248) in partial fulfillment for the award of the Bachelor of Technology in INFORMATION TECHNOLOGY to the Jawaharlal Nehru Technological University, is a record of bonafide work carried by her under my guidance and supervision.


Dr. T. Srinivasulu
Head of Department

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Kondapur (V) Ghatkesar (M) R.R. Dist-501301 (T.S)




T. Dileep
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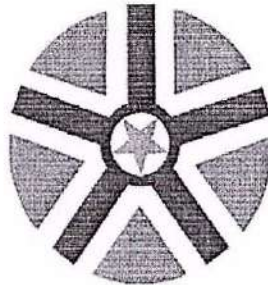
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DEPARTMENT OF INFORMATION TECHNOLOGY

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Kondapur (V), Ghatkesar (M), Medchal District – 501301


2021-2025



CERTIFICATE

This is to certify that the project report entitled “Vermi-composting” that is being submitted R. Swayampakala Sai Swetha (21UP1A1250), A.Ramya Sri (21UP1A1201), EssgirAkshaya (21UP1A1211), K Vasudha(21UP1A1221),Konda Rajasri(21UP1A1230),ManchikantiMounika (21UP1A1237) in partial fulfillment for the award of the Bachelor of Technology in INFORMATION TECHNOLOGY to the Jawaharlal Nehru Technological University, is a record of bonafide work carried by her under my guidance and supervision.



Dr. T.Srinivasulu
Head of Department


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2021-2025




CERTIFICATE

This is to certify that the project report entitled “Applications of MCB” that is being submitted Putti Kinthu (21UPIA1245), Chakravarthula Sirivarshini (21UPIA1207), Gajjela Nikhila (21UPIA1214), Karnati Susmitha Reddy (21UPIA1228), M. Harika (21UPIA1233), Nagoju Sahithi (21UPIA1240), Ravulapati Gnana Deepthi (21UPIA1247) in partial fulfillment for the award of the Bachelor of Technology in INFORMATION TECHNOLOGY to the Jawaharlal Nehru Technological University, is a record of bonafide work carried by her under my guidance and supervision.


Dr. T. Srinivasulu
Head of Department

HEAD

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Kondapur (V) Ghatkesar (M) R.R. Dist. 501301, Tel.


T. Rambabu
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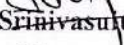
Kondapur (V), Ghatkesar (M), Medchal District – 501301


2021-2025



CERTIFICATE

This is to certify that the project report entitled “Feasibility study on reuse of electroplating effluent in construction materials” that is being submitted BasireddyNiharika Reddy (21UPIA1204), CherukuDivija (21UPIA1208),DegaonShriya (21UPIA1209),G.Swathi (21UPIA1213), MakthalaRithika(21UPIA1234),ThallaPallavi(21UPIA1251)in partial fulfillment for the award of the Bachelor of Technology in INFORMATION TECHNOLOGY to the Jawaharlal Nehru Technological University, is a record of bonafide work carried by her under my guidance and supervision.


Dr. T. Srinivasulu
Head of Department


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Kondapur (V), Ghatkosar (M), Medchal - Malkajgiri (D) - 501 301 Phone: +91 96529 10002/3



DEPARTMENT OF INFORMATION TECHNOLOGY

The III B.Tech students of Information Technology have undergone Internship training during Academic year 2021-22.

S.no	Roll No	Name of the Student	Organization	Duration
1	19UP1A1201	A SANGEETHA	Exposys Data Labs	1.5 MONTHS
2	19UP1A1204	B SHREYA REDDY	Lets Grow More	1.5 MONTHS
3	19UP1A1205	BHASHETTY ANUSHA	Exposys Data Labs	1.5 MONTHS
4	19UP1A1207	BODDU SATHWIK	Lets Grow More	1.5 MONTHS
5	19UP1A1210	JOGINIPELLY SAHITHYA	Lets Grow More	1.5 MONTHS
6	19UP1A1211	KASULA KEERTHI REDDY	Pianalytix	2 MONTHS
7	19UP1A1212	K GURU VENKATA SAI ROOPIKA	Uni Compiler	1.5 MONTHS
8	19UP1A1213	KOMURAVELLY ASHWITHA	Exposys Data Labs	1.5 MONTHS
9	19UP1A1214	K NIHARIKA REDDY	Uni Compiler	1.5 MONTHS
10	19UP1A1215	KS KRISHNA	Lets Grow More	1.5 MONTHS
11	19UP1A1216	LINGAMPALLY NISHITHA	Exposys Data Labs	1.5 MONTHS
12	19UP1A1217	MALEM VASANTHI	Lets Grow More	1.5 MONTHS
13	19UP1A1218	MAHANKALI PAVANI	Exposys Data Labs	1.5 MONTHS
14	19UP1A1219	NAVYA TALASILA	Exposys Data Labs	1.5 MONTHS
15	19UP1A1220	PAILLA SONY	Lets Grow More	1.5 MONTHS
16	19UP1A1221	PALLERLA VENNELA	Exposys Data Labs	1.5 MONTHS
17	19UP1A1222	PATHIPATI SHILPA	Lets Grow More	1.5 MONTHS
18	19UP1A1223	PENDAM VINEETHA	Uni Compiler	1.5 MONTHS
19	19UP1A1224	SANJANA SARASWATHI G	Lets Grow More	1.5 MONTHS
20	19UP1A1226	SRIPATHI HARSHITHA	Exposys Data Labs	1.5 MONTHS
21	19UP1A1227	TURLAPATI RITHIKA	Pianalytix	2 MONTHS
22	19UP1A1228	TAMMALI MADHAVI	Exposys Data Labs	1.5 MONTHS
23	19UP1A1229	THOKALA SINDHU REDDY	Exposys Data Labs	1.5 MONTHS
24	19UP1A1230	TIRUKOVELA SRINIDHI	Exposys Data Labs	1.5 MONTHS
25	19UP1A1231	TURLAPATI RUPIKA	Exposys Data Labs	1.5 MONTHS
26	19UP1A1232	V AKSHITHA	Exposys Data Labs	1.5 MONTHS
27	19UP1A1233	VADDIREDDY MEGHANA	Exposys Data Labs	1.5 MONTHS
28	19UP1A1234	VANGAVEETI SRAVANI	Pianalytix	2 MONTHS

Handwritten signature in green ink.

PRINCIPAL

Vignan's Institute of Management & Technology For Women
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Telangana State

HOD-IT

Head of the Department
Information Technology

Vignan's Institute of Management & Technology For Women
Kondapur (V), Ghatkosar (M), Medchal - Malkajgiri (D) - 501 301



Exposys Data Labs



Certificate of Internship

TO WHOM IT MAY CONCERN

This is to certify that **Ms. A SANGEETHA** has completed her virtual internship programme on "Python Program for Machine Learning" from **09.09.2021** to **29.10.2021**.

She took keen interest in the work assigned and successfully completed it. During the period of internship, we found her to be punctual, hardworking and inquisitive.

We wish her luck and success in all her future endeavours.

(Signature)
Y Vishnuvardhan

Chief Director

hr@exposysdata.com
www.exposysdata.com



(Signature)
PRINCIPAL
Vignana's Institute of Management & Technology For Women
Kondapur(V), Ghatkesar(M), Medchal-Malkajgiri(Dt)-501301
Telangana State

Lets
Grow/More
CERTIFICATE
OF COMPLETION

PROUDLY PRESENTED TO

Ms. B Shreya Reddy

Was an active Participant in the LetsGrowMore Virtual Internship Program
in Web Development from 21 March 2022 to 05 May 2022.



Aman Kesarwani

FOUNDER

[Signature]
PRINCIPAL
Vignans Institute of Management & Technology For Women
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Certificate of Internship


TO WHOM IT MAY CONCERN

This is to certify that **Ms. BHASHETTY ANUSHA** has completed her virtual internship programme on "Python Program for Machine Learning" from **09.09.2021 to 29.10.2021**.

She took keen interest in the work assigned and successfully completed it. During the period of internship, we found her to be punctual, hardworking and inquisitive.

We wish her luck and success in all her future endeavours.


Y Vishnuvardhan
Chief Director


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PROUDLY PRESENTED TO

Ms. Boddu Sathwika

Was an active Participant in the LetsGrowMore Virtual Internship Program
in Web Development from 21 March 2022 to 05 May 2022.



Aman Kesarwani

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PROUDLY PRESENTED TO

Ms. Joginipelly Sahithya

Was an active Participant in the LetsGrowMore Virtual Internship Program
in Web Development from 21 March 2022 to 05 May 2022.



Aman Kesarwani

PRINCIPAL

FOUNDER

Vignar's Institute of Management & Technology For Women
Kondapur(V), Ghatkesar(M), Medchal-Malkajgiri(Dt)-501301
Telangana State



Certificate ID : P1/10/MLP/2022

CERTIFICATE
_____ OF COMPLETION _____
PROUDLY PRESENTED TO

Ms. KASULA KEERTHI REDDY

**For Successfully completing online Internship program on
Machine Learning from 17 April 2022 to 16 June 2022.**

Verified



Program Director
Pianalytix Edutech Pvt Ltd,
Hyderabad

Note : Please email the certificate ID to us in order to verify this certificate.
info@pianalytix.com <https://pianalytix.com>



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Kondapur(V),Ghatkesar(M),Medchal-Malkajgiri(Dt)-501301
Telangana State

CERTIFICATE

OF INTERNSHIP

THIS CERTIFICATE IS PROUDLY PRESENTED TO

Ms. Kethepalli Guru Venkata Sai Roopika

We are happy to certify that Ms. KETHEPALLI GURU VENKATA SAI ROOPIKA had completed Virtual Internship as a "Python Engineer" from 28th March to 12th May 2022
We appreciate and wish Best of Luck for Future.

Date 12/5/2022

Sincerely yours

Biswojit Panda
Founder & CEO

PRINCIPAL

Vignani's Institute of Management & Technology For Women
Kondapur(V), Ghatekar (M), Malkajgiri (Dt.)
Pin-501301
Telangana State



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Certificate of Internship

TO WHOM IT MAY CONCERN


This is to certify that **Ms.KOMURAVELLY ASHWITHA** has completed her virtual internship programme on "Python Program for Machine Learning" from **09.09.2021 to 29.10.2021**.

She took keen interest in the work assigned and successfully completed it. During the period of internship, we found her to be punctual, hardworking and inquisitive.

We wish her luck and success in all her future endeavours.

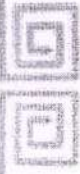

Y Vishnuvardhan

Chief Director


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www.exposysdata.com




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Kondapur(V), Ghatkesar(M), Medchal-Malkajgiri(Dt)-501301
Telangana State



CERTIFICATE

OF INTERNSHIP

THIS CERTIFICATE IS PROUDLY PRESENTED TO

Ms. KOTHAKAPU NIHARIKA REDDY

We are happy to certify that Ms. KOTHAKAPU NIHARIKA REDDY had completed Virtual Internship as a 'Python Engineer' from 28th March to 12th May 2022. We appreciate and wish Best of Luck for Future.

Date 12/5/2022



Sincerely yours

Biswojit Panda
Founder & CEO

PRINCIPAL

Vignana's Institute of Management & Technology For Women
Kondepur(V), Ghatkesar(M), Medchal-Malkajgiri(D)-501301

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Ms. KS KRISHNA

**Was an active Participant in the LetsGrowMore Virtual Internship Program
in Web Development from 21 March 2022 to 05 May 2022.**



Aman Kesarwani

FOUNDER

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Telangana State

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Certificate of Internship

TO WHOM IT MAY CONCERN

This is to certify that **Ms. LINGAMPALLY NISHITHA** has completed her virtual internship programme on "Python Program for Machine Learning" from **09.09.2021 to 29.10.2021**.

She took keen interest in the work assigned and successfully completed it. During the period of internship, we found her to be punctual, hardworking and inquisitive.

We wish her luck and success in all her future endeavours.

Y Vishnuvardhan

Chief Director



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PROUDLY PRESENTED TO

Ms. Malem Vasanthi

**Was an active Participant in the LetsGrowMore Virtual Internship Program
in Web Development from 21 March 2022 to 05 May 2022.**



Aman Kesariwan

FOUNDER

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TO WHOM IT MAY CONCERN

This is to certify that **Ms. MAHANKALI PAVANI** has completed her virtual internship programme on "Python Program for Machine Learning" from **09.09.2021** to **29.10.2021**.

She took keen interest in the work assigned and successfully completed it. During the period of internship, we found her to be punctual, hardworking and inquisitive.

We wish her luck and success in all her future endeavours.


Y Vishnuvardhan

Chief Director

hr@exposysdata.com
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This is to certify that **Ms. NAVYA TALASILA** has completed her virtual internship programme on "Python Program for Machine Learning" from **09.09.2021** to **29.10.2021**.

She took keen interest in the work assigned and successfully completed it. During the period of internship, we found her to be punctual, hardworking and inquisitive.

We wish her luck and success in all her future endeavours.

Y Vishnuvardhan

Chief Director



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OF COMPLETION

PROUDLY PRESENTED TO

Ms. Pailla Sony

**Was an active Participant in the LetsGrowMore Virtual Internship Program
in Web Development from 21 March 2022 to 05 May 2022.**



Aman Kesarwani

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Certificate of Internship

TO WHOM IT MAY CONCERN

This is to certify that **Ms. PALLERLA VENNELA** has completed her virtual internship programme on "Python Program for Machine Learning" from **09.09.2021** to **29.10.2021**.

She took keen interest in the work assigned and successfully completed it. During the period of internship, we found her to be punctual, hardworking and inquisitive.

We wish her luck and success in all her future endeavours.

(Signature)
Y Vishnuvardhan

Chief Director



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PROUDLY PRESENTED TO

Ms. Pathipati Shilpa

**Was an active Participant in the LetsGrowMore Virtual Internship Program
in Web Development from 21 March 2022 to 05 May 2022.**





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Telangana State

FOUNDER

Aman Kesarwani



CERTIFICATE OF INTERNSHIP

THIS CERTIFICATE IS PROUDLY PRESENTED TO

Ms. Pendam Vineetha

We are happy to certify that Ms. PENDAM VINEETHA had completed Virtual Internship as a "Python Engineer" from 28th March to 12th May 2022. We appreciate and wish Best of Luck for Future.

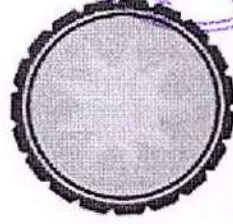
Date 12/5/2022

Sincerely yours

Bhavojit Panda
Founder & CEO

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PROUDLY PRESENTED TO

Ms. Sanjana Saraswathi G

**active Participant in the LetsGrowMore Virtual Internship |
Web Development from 21 March 2022 to 05 May 2022.**



Aman Kesari

FOUNDER

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TO WHOM IT MAY CONCERN

This is to certify that **Ms. SRIPATHI HARSHITHA** has completed her virtual internship programme on "Python Program for Machine Learning" from **09.09.2021** to **29.10.2021**.

She took keen interest in the work assigned and successfully completed it. During the period of internship, we found her to be punctual, hardworking and inquisitive.

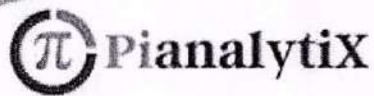
We wish her luck and success in all her future endeavours.


Y Vishnuvardhan
Chief Director


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Telangana State



Certificate ID : P1/10/MLP/2022

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PROUDLY PRESENTED TO

Ms. Turlapati Rithika

**For Successfully completing online Internship program on
Machine Learning from 17 April 2022 to 16 June 2022.**

Verified



**Program Director
PianalytiX Edutech Pvt Ltd,
Hyderabad**

Note : Please email the certificate ID to us in order to verify this certificate.

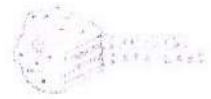
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This is to certify that **Ms. TAMMALI MADHAVI** has completed her virtual internship programme on "Python Program for Machine Learning" from **09.09.2021** to **29.10.2021**.

She took keen interest in the work assigned and successfully completed it. During the period of internship, we found her to be punctual, hardworking and inquisitive.

We wish her luck and success in all her future endeavours.


Y Vishnuvardhan

Chief Director


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Telangana State

Exposys Data Labs



Certificate of Internship

TO WHOM IT MAY CONCERN

This is to certify that **Ms. THOKALA SINDHU REDDY** has completed her virtual internship programme on "Python Program for Machine Learning" from **09.09.2021 to 29.10.2021**.

She took keen interest in the work assigned and successfully completed it. During the period of internship, we found her to be punctual, hardworking and inquisitive.

We wish her luck and success in all her future endeavours.

Y Vishnuvardhan

Chief Director



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Certificate of Internship

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This is to certify that **Ms. TIRUKOVELA SRINIDHI** has completed her virtual internship programme on "Python Program for Machine Learning" from **09.09.2021 to 29.10.2021**.

She took keen interest in the work assigned and successfully completed it. During the period of internship, we found her to be punctual, hardworking and inquisitive.

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This is to certify that **Ms. TURLAPATI RUPIKA** has completed her virtual internship programme on "Python Program for Machine Learning" from **09.09.2021** to **29.10.2021**.

She took keen interest in the work assigned and successfully completed it. During the period of internship, we found her to be punctual, hardworking and inquisitive.

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This is to certify that **Ms. V. AKSHITHA** has completed her virtual internship programme on "Python Program for Machine Learning" from **09.09.2021 to 29.10.2021**.

She took keen interest in the work assigned and successfully completed it. During the period of internship, we found her to be punctual, hardworking and inquisitive.

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TO WHOM IT MAY CONCERN

This is to certify that **Ms. VADDIREDDY MEGHANA** has completed her virtual internship programme on "Python Program for Machine Learning" from **09.09.2021 to 29.10.2021**.

She took keen interest in the work assigned and successfully completed it. During the period of internship, we found her to be punctual, hardworking and inquisitive.

We wish her luck and success in all her future endeavours.

Y Vishnuvardhan

Chief Director



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Certificate ID : P1/10/MLP/2022

CERTIFICATE OF COMPLETION

PROUDLY PRESENTED TO

Ms. Vangaveeti Sravani

For Successfully completing online Internship program on
Machine Learning from 17 April 2022 to 16 June 2022.

Verified

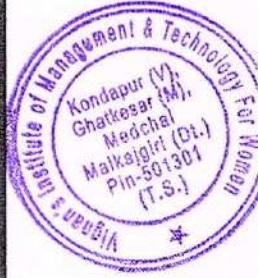


Program Director
Pianalytix Edutech Pvt Ltd,
Hyderabad

Note : Please email the certificate ID to us in order to verify this certificate.

info@pianalytix.com

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Department of Basic Science & Humanities

Academic Year-2021-22

I B.Tech -II Sem Computer Science & Engineering (AI&ML)-List of Mini Projects

S.no	Batch No	Roll Number	Student Name	Title	Guide
1	AM01	21UP1A6611	Bureddy Ishwarya Bharathi	Construct Gas leakage detector	Dr.K. Manjula
2		21UP1A6615	Dadige Suchitha		
3		21UP1A6623	Kadasani Harika Reddy		
4		21UP1A6628	Kuruba Radha		
5		21UP1A6635	P. Chervitha		
6		21UP1A6651	S. Sri Varshini		
7		21UP1A6659	Thagaram Sravanthi		
8	AM02	21UP1A6605	B. Madhuri	Construct thermal insulator	Dr.K. Manjula
9		21UP1A6613	Chimata Srivalli		
10		21UP1A6617	Dasaroju Laxmi Sathwika		
11		21UP1A6626	Koreddy Sruthi		
12		21UP1A6633	Nagulapalli Pranavashware		
13		21UP1A6645	Pothuganti Harshitha		
14	21UP1A6655	Sirimalla Laxmi Prasanna			
15	AM03	21UP1A6603	Amudala Sruthi	Electricity Bill System	Dr.P. Rajendra Prasad
16		21UP1A6609	Bollam Pooja		
17		21UP1A6616	Darneboina Sravanthi		
18		21UP1A6625	Kasidi Sai Varshitha		
19		21UP1A6632	Maddela Lekhana		
20		21UP1A6638	Padakandla Venkata Naga Sai		
21	21UP1A6644	Polu Bhagya Lakshmi			
22	AM04	21UP1A6601	Achi Varshini	Inventory Management System	Dr.P. Rajendra Prasad
23		21UP1A6610	Bontha Vennela		
24		21UP1A6622	K. Sravanthi		
25		21UP1A6631	M.Spandana		
26		21UP1A6639	Padal Deekshitha		
27		21UP1A6647	Putta Sandhya		
28	21UP1A6658	Teegala Rupa Sri			
29	AM05	21UP1A6606	Badhavath Sreeya	A project on approaches to green belt design	Dr.S. Mahesh
30		21UP1A6608	Boggarapu Pavani		
31		21UP1A6621	K. Ruchitha		
32		21UP1A6634	Nagulapally Shreya		
33		21UP1A6641	Pamidi Venkata Harshini		
34	21UP1A6648	Parsha Krishna Yadav			



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35		21UP1A6657	Syed. Ishrath		
36	AM06	21UP1A6629	M Deekshitha Nandini	A Project on vehicular pollution impact on air pollution	Dr.S. Mahesh
37		21UP1A6637	Pendkar.Srivani		
38		21UP1A6646	Pravalika Akella		
39		21UP1A6652	Sahithi Goud Budidha		
40		21UP1A6660	U.Bala Sri Bhavya Nandini		
41		21UP1A6661	Vishnawa Akshitha		
42		21UP1A6663	Yellapu Deepika Vardhini		
43	AM07	21UP1A6604	Avvaru Likhitha	Production of lactic acid from Molasses	Dr.S. Mahesh
44		21UP1A6607	Bandaru Srihitha		
45		21UP1A6614	Chinthakunta Mahitha		
46		21UP1A6619	Gopireddi Sindhu		
47		21UP1A6624	Kaira Harini		
48		21UP1A6636	P. Jyothsna Chowdary		
49		21UP1A6649	Reethu Yadav		
50	AM08	21UP1A6612	Chaitrika Biswal	Treatment E-Reutilisation of medical waste	Dr.S. Mahesh
51		21UP1A6620	J Jyothi		
52		21UP1A6630	M Soumya Sree Sruthi		
53		21UP1A6650	S. Meghana Priya		
54		21UP1A6654	Satlapally Akshaya Rani		
55		21UP1A6656	Sriram Kavya		
56		21UP1A6662	Y. Nikhitha		
57	AM09	21UP1A6602	Adumekala Shivani Yadav	A project on DC shunt generator applications	B. Divya Lakshmi
58		21UP1A6618	Devarampally Nikhitha		
59		21UP1A6627	Koyyala Munni		
60		21UP1A6640	Pandalraj Praharshitha		
61		21UP1A6643	Peddi Lasya		
62		21UP1A6648	Rachakonda Koumudhi		
63		21UP1A6653	Sangem Udharika		

Re
Project Coordinator



Ryo
Head of the Department
Professor & Head
Department of Basic Sciences & Humanities
Vignani's Institute of Management & Technology For Women
Kondapur (V), Ghatkesar (M), Medchal-Malkajgiri (Dt)-501301
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING (AI&ML)

(Approved by AICTE & Affiliated to JNTUH)


Kondapur (V), Ghatkesar (M), Medchal District – 501301

2021-2025



CERTIFICATE

This is to certify that the project report entitled “Construct gas leakage detector” that is being submitted by Bureddy Ishwarya Bharathi (21UP1A6611), Dadige Suchitha (21UP1A6615), Kadasani Harika Reddy (21UP1A6623), Kuruba Radha (21UP1A6628), P. Chervitha (21UP1A6635), S. Sri Varshini (21UP1A6651), Thagaram Sravanthi (21UP1A6659) in partial fulfillment for the award of the Bachelor of Technology in COMPUTER SCIENCE AND ENGINEERING (AI&ML) to the Jawaharlal Nehru Technological University, is a record of bonafide work carried by her under my guidance and supervision.


Dr. T. Srinivasulu

Head of Department
Professor & Head

Department of Basic Sciences & Humanities
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Dr. K. Manjula

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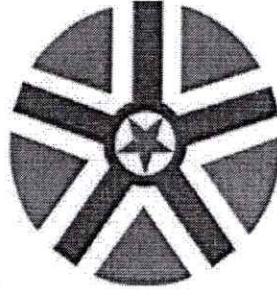
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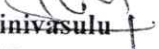
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2021-2025



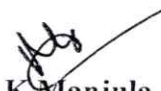
CERTIFICATE

This is to certify that the project report entitled “CONSTRUCT THERMAL INSULATOR” that is being submitted by B. Madhuri (21UP1A6605), Chimata Srivalli (21UP1A6613), Dasaroju Laxmi Sathwika (21UP1A6617), Koreddy Sruthi (21UP1A6626), Nagulapalli Pranavashware (21UP1A6633), Pothuganti Harshitha (21UP1A6645), Sirimalla Laxmi Prasanna (21UP1A6655) in partial fulfillment for the award of the Bachelor of Technology in COMPUTER SCIENCE AND ENGINEERING (AI&ML) to the Jawaharlal Nehru Technological University, is a record of bonafide work carried by her under my guidance and supervision.


Dr. T. Srinivasulu
Head of Department

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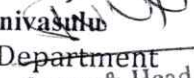
Kondapur (V), Ghatkesar (M), Medchal District – 501301

2021-2025




CERTIFICATE

This is to certify that the project report entitled “Inventory management system” that is being submitted by Achi Varshini (21UP1A6601), Bontha Vennela (21UP1A6610), K. Sravanthi (21UP1A6622), M. Spandana (21UP1A6631), Padal Deekshitha (21UP1A6639), Putta Sandhya (21UP1A6647), Teegala Rupa Sri (21UP1A6658) in partial fulfillment for the award of the Bachelor of Technology in **COMPUTER SCIENCE AND ENGINEERING (AI&ML)** to the Jawaharlal Nehru Technological University, is a record of bonafide work carried by her under my guidance and supervision.


Dr. T. Srinivasulu
Head of Department
Professor & Head

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Dr. P. Rajenderprasad
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2021-2025




CERTIFICATE

This is to certify that the project report entitled “ELECTRICITY BILL SYSTEM” that is being submitted by AmudalaSruthi (21UP1A6603), Bollam Pooja(21UP1A6609), DarneboinaSravanthi (21UP1A6616), KasidiSai Varshitha (21UP1A6625), MaddelaLekhana (21UP1A6632), PadakandlaVenkata Naga Sai Hasini(21UP1A6638), PoluBhagya Lakshmi (21UP1A6644) in partial fulfillment for the award of the Bachelor of Technology in COMPUTER SCIENCE AND ENGINEERING (AI&ML) to the Jawaharlal Nehru Technological University, is a record of bonafide work carried by her under my guidance and supervision.


Dr. T. Srinivasulu

Professor & Head
Department of Basic Sciences & Humanities
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Malkajiri (Dt) Pin-501301,
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Dr. P. Rajenderprasad

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Kondapur (V), Ghatkesar (M), Medchal District – 501301

2021-2025



CERTIFICATE

This is to certify that the project report entitled “APPROACHES TO GREEN BELT DESIGN” that is being submitted by Badhavath Sreeya (21UP1A6606), Boggarapu Pavani (21UP1A6608), K. Ruchitha (21UP1A6621), Nagulapally Shreya (21UP1A6634), Pandiri Venkata Harshini (21UP1A6641), Parsha Krushi Yadav (21UP1A6642), Syed. Ishrath (21UP1A6657) in partial fulfillment for the award of the Bachelor of Technology in COMPUTER SCIENCE AND ENGINEERING (AI&ML) to the Jawaharlal Nehru Technological University, is a record of bonafide work carried by her under my guidance and supervision.


Dr. T. Srinivasulu

Head of Department

Professor & Head
Department of Basic Sciences & Humanities
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Dr. S. Mahesh

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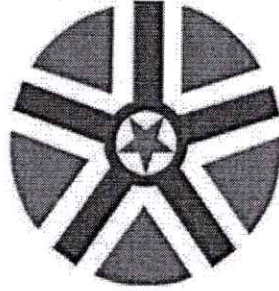
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2021-2025



CERTIFICATE

This is to certify that the project report entitled “A project on vehicular pollution impact on air pollution” that is being submitted by M Deekshitha Nandini (21UP1A6629), Pendkar. Srivani (21UP1A6637), Pravalika Akella (21UP1A6646), Sahithi Goud Budidha (21UP1A6652), U. Bala Sri Bhavya Nandini (21UP1A6660), Vishnawa Akshitha (21UP1A6661), Yellapu Deepika Vardhini (21UP1A6663) in partial fulfillment for the award of the Bachelor of Technology in COMPUTER SCIENCE AND ENGINEERING (AI&ML) to the Jawaharlal Nehru Technological University, is a record of bonafide work carried by her under my guidance and supervision.


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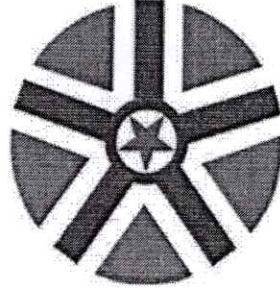
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(Approved by AICTE & Affiliated to JNTUH)


Kondapur (V), Ghatkesar (M), Medchal District – 501301

2021-2025



CERTIFICATE

This is to certify that the project report entitled “**PRODUCTION OF LACTIC ACID FROM MOLASSES**” that is being submitted by **Avvaru Likhitha (21UP1A6604), Bandaru Srihitha (21UP1A6607), Chinthakunta Mahitha (21UP1A6614), Gopireddi Sindhu (21UP1A6619), Kaira Harini (21UP1A6624), P. Jyothsna Chowdary (21UP1A6636), Reethu Yadav (21UP1A6649)** in partial fulfillment for the award of the Bachelor of Technology in **COMPUTER SCIENCE AND ENGINEERING (AI&ML)** to the Jawaharlal Nehru Technological University, is a record of bonafide work carried by her under my guidance and supervision.


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Head of Department




Dr. S. MAHESH

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(Approved by AICTE & Affiliated to JNTUH)

Kondapur (V), Ghatkesar (M), Medchal District – 501301

2021-2025



CERTIFICATE

This is to certify that the project report entitled "TREATMENT E-REUTILISATION OF MEDICAL WASTE" that is being submitted Chaitrika Biswal (21UP1A6612), J Jyothi (21UP1A6620), M Soumya Sree Sruthi (21UP1A6630), S. Meghana Priya, (21UP1A6650) Satlapally Akshaya Rani (21UP1A6654), Sriram Kavya (21UP1A6656), Y. Nikhitha (21UP1A6662) in partial fulfillment for the award of the Bachelor of Technology in COMPUTER SCIENCE AND ENGINEERING (AI&ML) to the Jawaharlal Nehru Technological University, is a record of bonafide work carried by her under my guidance and supervision.

Dr. T. Srinivasulu

Head of Department

Department of Basic Sciences & Humanities
Vignans Institute of Management & Technology For Women
Kondapur (V), Ghatkesar (M), Medchal
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Dr. S. Mahesh

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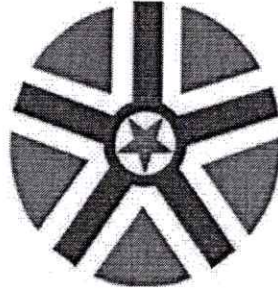
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Kondapur (V), Ghatkesar (M), Medchal District – 501301

2021-2025




CERTIFICATE

This is to certify that the project report entitled “A PROJECT ON DC SHUNT GENERATOR APPLICATIONS ”that is being submitted AdumekalaShivani Yadav (21UP1A6602),
DevarampallyNikhitha(21UP1A6618),KoyyalaMunni
(21UP1A6627),PandalrajPraharshitha (21UP1A6640),Peddi
Lasya1UPIA6643),RachakondaKoumudhi (21UP1A6648),SangemUdharika (21UP1A6653)
in partial fulfillment for the award of the Bachelor of Technology in COMPUTER SCIENCE
AND ENGINEERING (AI&ML) to the Jawaharlal Nehru Technological University, is a record
of bonafide work carried by her under my guidance and supervision.


Professor & Head
Department of Basic Sciences & Humanities
Vignan's Institute of Management & Technology For Women
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Telangana State

Head of Department




B. Divya Lakshmi
Internal Guide


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Department of Basic Science & Humanities

Academic Year-2021-22

I B.Tech -II Sem Computer Science & Engineering (Data Science)-List of Mini Projects

S.no	Batch No	Roll Number	Student Name	Title	Guide
1	D01	21UP1A6705	B.Sindhu Priya	Construct solar cells	A. Mallikarjun
2		21UP1A6715	Chittimalla Usha Sri		
3		21UP1A6723	Jaidi. Soujanya		
4		21UP1A6733	Msnl Apoorva		
5		21UP1A6742	Pandhula Pallavi		
6		21UP1A6756	Vusa Nagalohitha		
7	D02	21UP1A6702	Ardha Sai Leela	Construct clap switch	A. Mallikarjun
8		21UP1A6718	G.Pooja		
9		21UP1A6726	Kondaparthi Satvika		
10		21UP1A6737	N.Pragathi		
11		21UP1A6748	Sania Rafiq Kazi		
12		21UP1A6754	Vasa Rensusri		
13	D03	21UP1A6708	Bashetti Shirisha	Employee Information Management System	R. Krishna Nayak
14		21UP1A6721	Gunnala Manasa		
15		21UP1A6731	M Sindhuja		
16		21UP1A6738	Narala Jahnvi		
17		21UP1A6750	Soma Sathvika		
18		21UP1A6755	Vasagiri Abhigna		
19	D04	21UP1A6703	B. Shree Nikitha	Car Rental System	R. Krishna Nayak
20		21UP1A6716	D. Swetha		
21		21UP1A6724	Jonnabhatla Akhila		
22		21UP1A6735	Mustala Eeshanvi		
23		21UP1A6741	Pandala Pravalika		
24		21UP1A6747	S. Rakshitha		
25	D05	21UP1A6701	Ankapuram.Sriga	A project on treatment of industrial waste water	Ch. Bhavana Rushi
26		21UP1A6714	Chilukuri Aswitha		
27		21UP1A6722	Indla Pavani		
28		21UP1A6728	Kontham Srilekha		
29		21UP1A6740	Pame Rohini		
30		21UP1A6749	Shaik Bazi Harshad		
31		21UP1A6704	B. Sowjanya		




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32	D06	21UP1A6717	Eemani Saiswetha	Project on Rain water Harvesting	Ch. Bhavana Rushi
33		21UP1A6727	Kondoju Srividya		
34		21UP1A6736	Nanjala.Phani Sri Chowd		
35		21UP1A6751	Somanaboina Sravani		
36		21UP1A6758	Yelle Maheshwari		
37	D07	21UP1A6707	Banuri Ashaya`	Utilisation of waste palstic and rubber for commercial purpose	Ch. Bhavana Rushi
38		21UP1A6712	Ch.AbhinayaSri		
39		21UP1A6725	Kanchugantla. Harshini		
40		21UP1A6732	Merugu Vaishnavi		
41		21UP1A6744	Pemmella Sneha		
42		21UP1A6752	Sreeramula Prathibha		
43	D08	21UP1A6706	Bangaru Ramyasri	A project on applications of different types of fuses	T. Rambabu
44		21UP1A6709	Bathini Pallavi		
45		21UP1A6720	Gandi Amrutha		
46		21UP1A6734	Mudhigonda Reshma		
47		21UP1A6743	Parti Gayatri		
48		21UP1A6746	Ruchitha Medam		
49	D09	21UP1A6710	Bathula Harika	A project on working of battery backup	T. Rambabu
50		21UP1A6719	G.Veekshini		
51		21UP1A6730	Lokani.Indu		
52		21UP1A6739	Pusalapati.Sai Likhitha		
53		21UP1A6745	Rondi Kavya		
54		21UP1A6757	Yadamakanti Harshitha		
55	D10	21UP1A6711	Bhutham Akhila	Green buildings for quality living	Ch. Bhavana Rushi
56		21UP1A6713	Ch. Nagamani		
57		21UP1A6729	Kotturi Sowmya		
58		21UP1A6753	Vangapally Nandhini		


Project Coordinator


Head of the Department
Department of Basic Sciences & Humanities
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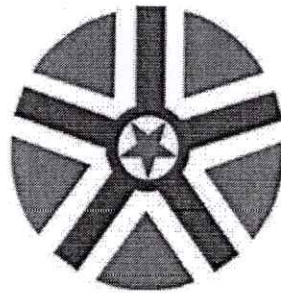
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This is to certify that the project report entitled “Green buildings for quality living” that is being submitted by Bhutham Akhila(21UP1A6711), Ch. Nagamani(21UP1A6713), Kotturi Sowmya(21UP1A6729), Vangapally Nandhini (21UP1A6753) in partial fulfillment for the award of the Bachelor of Technology in Computer Science and Engineering (DATA SCIENCE) to the Jawaharlal Nehru Technological University, is a record of bonafide work carried by her under my guidance and supervision.


Dr. T. Srinivasulu
Head of Department

Professor & Head
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This is to certify that the project report entitled “Construct solar cells” that is being submitted by B.Sindhu Priya (21UP1A6705), Chittimalla Usha Sri (21UP1A6715), Jaidi. Soujanya (21UP1A6723), Msni Apoorva (21UP1A6733), Pandhula Pallavi (21UP1A6742), Vusa Nagalohitha (21UP1A6756) partial fulfillment for the award of the Bachelor of Technology in Computer Science and Engineering (DATA SCIENCE) to the Jawaharlal Nehru Technological University, is a record of bonafide work carried by her under my guidance and supervision.

Dr. T. Srinivasulu
Head of Department

Department of Basic Sciences
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Kondapur (V), Ghatkesar (M), Medchal-Malkajgiri (Dt)
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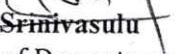
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This is to certify that the project report entitled “Construct clap switch” that is being submitted by Ardha Sai Leela(21UP1A6702), G.Pooja(21UP1A6718), Kondaparthi Satvika (21UP1A6726), N.Pragathi(21UP1A6737), Sania Rafiq Kazi(21UP1A6748), Vasa Renusri (21UP1A6754) in partial fulfillment for the award of the Bachelor of Technology in Computer Science and Engineering (DATA SCIENCE) to the Jawaharlal Nehru Technological University, is a record of bonafide work carried by her under my guidance and supervision.


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Head of Department

Professor & Head

Department of Basic Science
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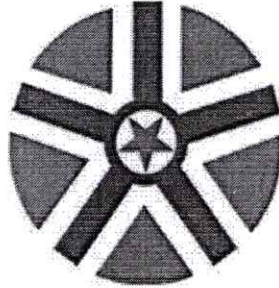
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This is to certify that the project report entitled “Employee Information Management System” that is being submitted Bashetti Shirisha(21UP1A6708), Gunnala Manasa(21UP1A6721), M Sindhuja(21UP1A6731), Narala Jahn timer (21UP1A6738), Soma Sathvika(21UP1A6750), Vasagiri Abhigna(21UP1A6755) in partial fulfillment for the award of the Bachelor of Technology in Computer Science and Engineering (DATA SCIENCE) to the Jawaharlal Nehru Technological University, is a record of bonafide work carried by her under my guidance and supervision.

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This is to certify that the project report entitled “Car Rental System” that is being submitted by **B. Shree Nikitha(21UP1A6703), D. Swetha(21UP1A6716), Jonnabhatla Akhila(21UP1A6724), Mustala Eeshanvi(21UP1A6735), Pandala Pravalika(21UP1A6741), S. Rakshitha(21UP1A6747)** in partial fulfillment for the award of the **Bachelor of Technology in Computer Science and Engineering (DATA SCIENCE)** to the Jawaharlal Nehru Technological University, is a record of bonafide work carried by her under my guidance and supervision.

Dr. T. Srinivasulu
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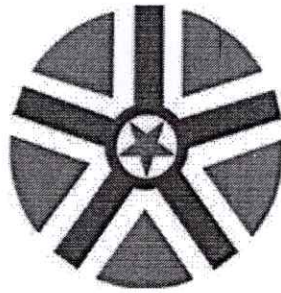
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This is to certify that the project report entitled “treatment of industrial waste water” that is being submitted Ankapuram.Sriga(21UP1A6701), ChilukuriAswitha(21UP1A6714), IndlaPavani(21UP1A6722), KonthamSrilekha(21UP1A6728), PameRohini(21UP1A6740), ShaikBaziHarshad(21UP1A6749)in partial fulfillment for the award of the Bachelor of Technology in Computer Science and Engineering (DATA SCIENCE) to the Jawaharlal Nehru Technological University, is a record of bonafide work carried by her under my guidance and supervision.


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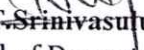
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This is to certify that the project report entitled “Rain water Harvesting” that is being submitted by B. Sowjanya(21UP1A6704), EemaniSaiswetha(21UP1A6717), KondojuSrividya (21UP1A6727), Nanjala.Phani Sri Chowdary(21UP1A6736), Somanaboina Sravani (21UP1A6751) YelleMaheshwari(21UP1A6758) in partial fulfillment for the award of the Bachelor of Technology in Computer Science and Engineering (DATA SCIENCE) to the Jawaharlal Nehru Technological University, is a record of bonafide work carried by her under my guidance and supervision.


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Head of Department

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This is to certify that the project report entitled “Utilisation of waste plastic and rubber for commercial purpose” that is being submitted BanuriAshaya` (21UP1A6707), Ch.AbhinayaSri(21UP1A6712),Kanchugantla Harshini(21UP1A6725), MeruguVaishnavi (21UP1A6732), PemmellaSneha(21UP1A6744), SreeramulaPrathibha(21UP1A6752) in partial fulfillment for the award of the Bachelor of Technology in Computer Science and Engineering (DATA SCIENCE) to the Jawaharlal Nehru Technological University, is a record of bonafide work carried by her under my guidance and supervision.

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Head of Department

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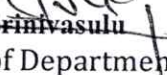
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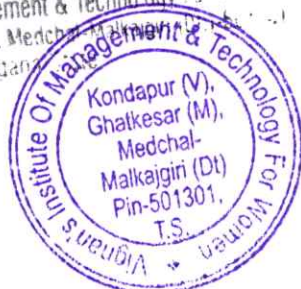



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This is to certify that the project report entitled “applications of different types of fuses” that is being submitted by **Bangaru Ramyasri(21UP1A6706), Bathini Pallavi(21UP1A6709), Gandimrutha(21UP1A6720), Mudhigonda Reshma(21UP1A6734), Parti Gayatri (21UP1A6743) Ruchitha Medam (21UP1A6746)** in partial fulfillment for the award of the **Bachelor of Technology in Computer Science and Engineering (DATA SCIENCE)** to the **Jawaharlal Nehru Technological University**, is a record of bonafide work carried by her under my guidance and supervision.


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Head of Department

Professor & Head
Department of Basic Sciences & Humanities
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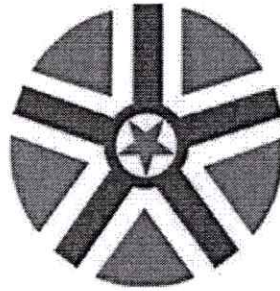
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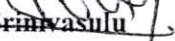
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This is to certify that the project report entitled “Working of battery backup” that is being submitted by Bathula Harika (21UP1A6710), G.Veekshini(21UP1A6719), LokaniIndu (21UP1A6730) Pusalapati.SaiLikhitha(21UP1A6739), RondiKavya (21UP1A6745), YadamakantiHarshitha(21UP1A6757) in partial fulfillment for the award of the Bachelor of Technology in Computer Science and Engineering (DATA SCIENCE) to the Jawaharlal Nehru Technological University, is a record of bonafide work carried by her under my guidance and supervision.


Dr. T. Srinivasulu
Head of Department

Professor & Head
Department of Basic Sciences & Humanities
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Department of Basic Science & Humanities

Academic Year-2021-22

I B.Tech -II Sem AIDS-List of Engineering Exploration Projects

S.no	Roll Number	Student Name	Title	Guide
1	21UP1A7204	G Sumana	Alcohol from potatoes and agriculture wastage	T.Dileep
2	21UP1A7218	Paila Prathina		
3	21UP1A7219	Racha Navya Sree		
4	21UP1A7220	Sadhu Swathi Priya		
5	21UP1A7222	Venkata Sai Siva Rishitha Gunda		
	21UP1A7224	E. Vaishnavi		
7	21UP1A7202	Appam Nandhu	Anodisation of aluminium for corrosion protection	T.Dileep
8	21UP1A7210	Kathi Swetha		
9	21UP1A7213	M. Keerthana		
10	21UP1A7216	P. Keerthi Reddy		
11	21UP1A7221	Senapathi Harshitha		
12	21UP1A7223	Avula Sruthi		
13	21UP1A7201	Achanta Harshitha Varalaxmi	A project on DC shunt motor applications	L.Kiran Kumar
14	21UP1A7207	J. Sravya		
15	21UP1A7214	M.Rithika		
16	21UP1A7215	Madam Akshitha		
17	21UP1A7217	P. Pranathi		
18	21UP1A7225	P Sahana		
19	21UP1A7203	Dusari Sruthi	A project on three phase induction motor applications	L.Kiran Kumar
20	21UP1A7205	G.Harika		
21	21UP1A7206	Golla Ashritha		
22	21UP1A7208	K. Amrutha Varshini		
23	21UP1A7209	Kasineedi Ashwini		
24	21UP1A7211	Lekhana Somayajula		
25	21UP1A7212	M Navya Sri		

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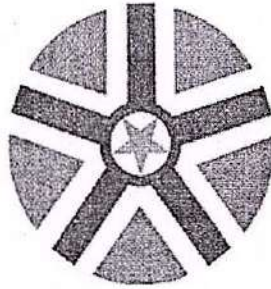
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This is to certify that the project report entitled “Alcohol from potatoes and agriculture wastage” that is being submitted by G Sumana (21UP1A7204), Paila Prathina (21UP1A7218), Racha Navya Sree (21UP1A7219), Sadhu Swathi Priya (21UP1A7220), Venkata Sai Siva Rishitha Gunda (21UP1A7222), E. Vaishnavi (21UP1A7224) in partial fulfillment for the award of the Bachelor of Technology in ARTIFICIAL INTELLIGENCE & DATA SCIENCE to the Jawaharlal Nehru Technological University, is a record of bonafide work carried by her under my guidance and supervision.


Dr. T. Srinivasulu
Head of Department


T. Dileep
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HEAD
Department of Basic Science & Humanities
Women's Institute of Management & Tech. for Women
Kondapur (V), Ghatkesar (M), R.R. Dist-501301, Tel-123




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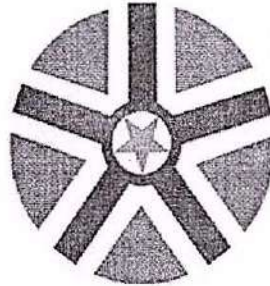
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This is to certify that the project report entitled “Anodisation of aluminium for corrosion protection” that is being submitted by Appam Nandhu (21UP1A7202), Kathi Swetha (21UP1A7210), M. Keerthana (21UP1A7213), P. Keerthi Reddy (21UP1A7216), Senapathi Harshitha (21UP1A7221), Avula Sruthi (21UP1A7223) in partial fulfillment for the award of the Bachelor of Technology in ARTIFICIAL INTELLIGENCE & DATA SCIENCE to the Jawaharlal Nehru Technological University, is a record of bonafide work carried by her under my guidance and supervision.


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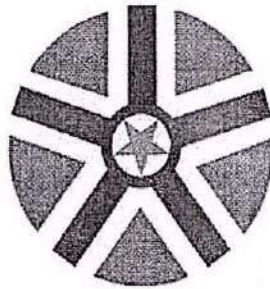
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This is to certify that the project report entitled “A project on DC shunt motor applications ” that is being submitted by Achanta Harshitha Varalaxmi (21UP1A7201), J. Sravya (21UP1A7207), M.Rithika (21UP1A7214), Madam Akshitha (21UP1A7215), P.Pranathi (21UP1A7217), P Sahana (21UP1A7225) in partial fulfillment for the award of the Bachelor of Technology in ARTIFICIAL INTELLIGENCE & DATA SCIENCE to the Jawaharlal Nehru Technological University, is a record of bonafide work carried by her under my guidance and supervision.



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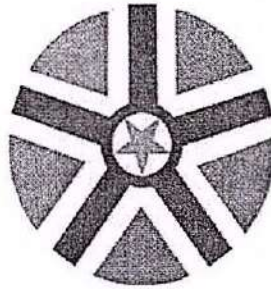
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WOMEN**

DEPARTMENT OF ARTIFICIAL INTELLIGENCE & DATA SCIENCE

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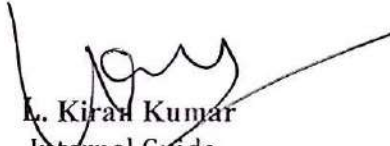
2021-2025



CERTIFICATE


This is to certify that the project report entitled "A project on three phase induction motor applications" that is being submitted by Dusari Sruthi (21UP1A7203), G.Harika (21UP1A7205), Golla Ashritha (21UP1A7206), K. Amrutha Varshini (21UP1A7208), Kasineedi Ashwini (21UP1A7209), Lekhana Somayajula (21UP1A7211), M Navya Sri (21UP1A7212) in partial fulfillment for the award of the Bachelor of Technology in ARTIFICIAL INTELLIGENCE & DATA SCIENCE to the Jawaharlal Nehru Technological University, is a record of bonafide work carried by her under my guidance and supervision.


Dr. T. Srinivasulu
Head of Department


L. Kiran Kumar
Internal Guide

HEAD
Department of Basic Science & Humanities
Vignans Institute of Management & Tech for Women
Kondapur (V), Ghatkesar (M), R.R., Dist-501301 (T.S.)




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Department of Electronics and Communication Engineering

Admitted Batch: 2021

A.Y. 2021-2022

M.TECH-II SEM- MINI PROJECT LIST

S.No	Batch No	Roll Number	Student Name	Title Name	Guide Name
1	A1	21UP1D5703	K.AKSHITHA	Design and Simulation of Low Power Wilson Current Mirror And Single Supply Cmos Level Shifter	Dr. SK. Masthan Basha
2	A2	21UP1D5702	KASARAGADDA PRAVALLIKA	Implementation of Low Power 1-bit Hybrid Full Adder using 16nm CMOS Technology	Mr.E.Nagaraju
3	A3	21UP1D5704	K. ANITHA DEVI	High-Speed Hybrid-Logic Full Adder Using High-Performance 10-T Xor-Xnor Cell	Mr. T Pullaish
4	A4	21UP1D5706	S. MANIDEEPA	The three stage comparator and its modified version with fast speed and low kick back	Dr. SK. Masthan Basha
5	A5	21UP1D5707	A. JHANSI RANI	Design and Implementation of low power high performance mixed logic line Decoders	Mrs. S Shilpa
6	A6	21UP1D5705	PUNEM SANGEETHA	Study Of Different Adders Usingfull Swing Gate Diffusion Input	Dr. Vijaykumar R Urkude
7	A7	21UP1D5708	MAHARAJA SANGEETHA	Area Optimization Of Cmos Full Adder Design Using 3txor	Mrs. G Swathi
8	A8	21UP1D5701	B.USHA	Relpee: Resistive RAM-sedlinear first order partial differential equationsolver	Mrs. G Susmitha



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Principal
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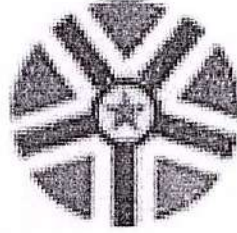
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2021-22



CERTIFICATE

This is to certify that the thesis work titled “DESIGN AND SIMULATION OF LOW POWER WILSON CURRENT MIRROR AND SINGLE SUPPLY CMOS LEVEL SHIFTER” Submitted by Miss KAKSHITHA (RegdNo.21UP1D5703) in partial fulfillment of the requirements for the award of the degree of Master of Technology in VLSI Design to the Vignans Institute of Management and Technology for Women, Ghatkesar is a record of bonafide work carried out by her under my guidance and supervision.

The results embodied in this mini project report have not been submitted in any University for the award of any degree and the results are achieved satisfactorily.

Mr. P Hari Krishna

Head of the Department

Head of the Department
Electronics and Communication Engineering
Vignans Institute of Management and Technology for Women
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Dr.SK Masthan Basha

Associate Professor



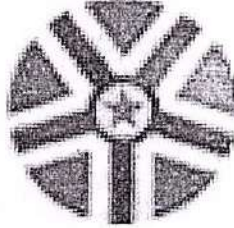
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CERTIFICATE

This is to certify that the thesis work titled "IMPLEMENTATION OF LOW POWER 1-BIT HYBRID FULL ADDER USING 16 NM CMOS TECHNOLOGY" submitted by Ms. Kasaragadda Pravallika (Regd No. 21UP1D5702) in partial fulfillment of the requirements for the award of the degree of Master of Technology in VLSI DESIGN to the Vignans Institute of Management and Technology for Women, Ghatkesar is a record of bonafide work carried out by her under my guidance and supervision.

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Mr. P. Hari Krishna

Head of the Department
Head of the Department
Electronics and Communication Engineering
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Mr. E. NAGARAJU

Assistant Professor



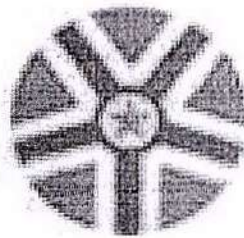

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CERTIFICATE

This is to certify that the thesis work titled “HIGH-SPEED HYBRID-LOGIC FULL ADDER USING HIGH-PERFORMANCE 10-T XOR-XNOR CELL” submitted by Ms K.ANITHADEVI(Regd No. 21UP1D5704) in partial fulfilment of the requirements for the award of the degree of Master of Technology in VLSI DESIGN to the Vignan's Institute of Management and Technology for Women, Ghatkesar is a record of bonafide work carried out by her under my guidance and supervision.

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Mr.P Hari Krishna

Head of the Department

Head of the Department

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Mr. T. Pullaiah

Associate Professor



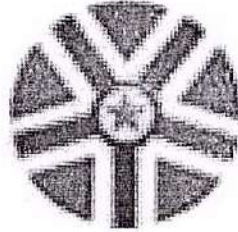
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CERTIFICATE

This is to certify that the thesis work titled “**THE THREE-STAGE COMPARATOR AND ITS MODIFIED VERSION WITH FAST SPEED AND LOW KICKBACK**” submitted by Ms S.Manideepa (Regd No. 21UP1D5706) in partial fulfilment of the requirements for the award of the degree of **Master of Technology in VLSI DESIGN** to the Vignan’s Institute of Management and Technology for Women, Ghatkesar is a record of bonafide work carried out by her under my guidance and supervision.

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Mr. P Hari Krishna

Head of the Department

Head of the Department
Electronics and Communication Engineering
Vignan's Institute of Management and Technology for Women
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Dr. Shaik Masthan Basha

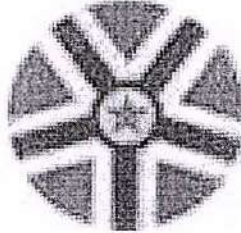
Associate Professor


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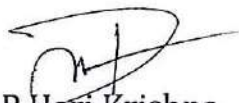
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CERTIFICATE

This is to certify that the thesis work titled "DESIGN AND IMPLEMENTATION OF LOW POWER HIGH PERFORMANCE MIXED LOGIC LINE DECODERS" Submitted by A.Jhansi Rani (RegdNo.21UP1D5707) in partial fulfillment of the requirements for the award of the degree of **Master of Technology in VLSI Design** to the Vignan's Institute of Management and Technology for Women, Ghatkesar is a record of bonafide work carried out by her under my guidance and supervision.

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Mr. P Hari Krishna

Head of the Department
Department of Electronics and Communication Engineering
Vignans Institute of Management and Technology for Women
Kondapur (V), Ghatkesar (M), R.R. Dist-501301

Mrs. S Shilpa


Assistant Professor

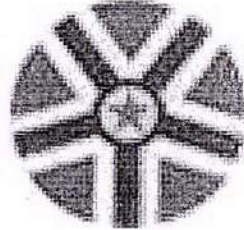



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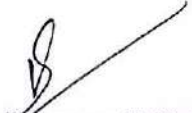
This is to certify that the thesis work titled “STUDY OF DIFFERENT ADDERS USINGFULL SWING GATE DIFFUSION INPUT” Submitted by Punem Sangeetha (RegdNo.21UP1D5705) in partial fulfillment of the requirements for the award of the degree of Master of Technology in VLSI Design to the Vignan’s Institute of Management and Technology for Women, Ghatkesar is a record of bonafide work carried out by her under my guidance and supervision.

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Mr. P Hari Krishna

Head of the Department

Head of the Department
Electronics and Communication Engineering
Vignans Institute of Management and Technology for Women
Kondapur (V), Ghatkesar (M), R.R. Dist-501 301


Dr. Vijay Kumar R Urkude

AssociateProfessor

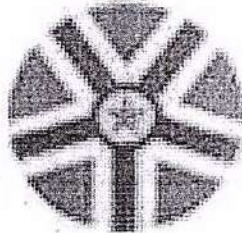



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This is to certify that the thesis work titled "AREA OPTIMIZATION OF CMOS FULL ADDER DESIGN USING 3TXOR" Submitted by Maharaja Sangeetha (RegdNo.21UP1D5708) in partial fulfillment of the requirements for the award of the degree of Master of Technology in VLSI Design to the Vignan's Institute of Management and Technology for Women, Ghatkesar is a record of bonafide work carried out by her under my guidance and supervision.

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Mr. P Hari Krishna

Head of the Department

Electronics and Communication Engineering
Vignans Institute of Management and Technology for Women
Kondapur (V), Ghatkesar (M), R.R. Dist-501301

Mrs. G Swathi


Assistant Professor




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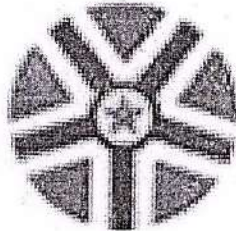
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This is to certify that the thesis work titled “RELOPE:RESISTIVE RAM-
SEDLINER FIRST-ORDER PARTIAL DIFFERENTIAL EQUATIONS OLVER”
submitted by Ms B.USHA (Regd No. 21UP1D5701) in partial fulfillment of the requirements for
the award of the degree of Master of Technology in VLSI DESIGN to the Vignan's Institute of
Management and Technology for Women, Ghatkesar is a record of bonafide work carried out by her
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Mr. P Hari Krishna

Head of the Department

Head of the Department
Electronics and Communication Engineering
Vignans Institute of Management and Technology for Women
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Mrs. G. Susmitha

Assistant Professor


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