



Department of Electronics and Communication Engineering

For the academic year 2021-22, the students of Electronics and Communication Engineering have undergone Major Projects with Hardware Development as well as software implementation in their IV B.Tech as prescribed by JNTUH, Hyderabad in the Curriculum. Further, the students of I , II & III B.Tech are encouraged to undertake Engineering Exploration Projects ,Field trips and Internships respectively beyond the Curriculum to promote skill-based learning.

S.No	Description	No. of Students	Page No.
1	Major Projects	112	2-42
2	Internships	78	43-123
3	Field Visits	76	124-141
4	Engineering Exploration Projects	42	142-150
	Total Number of Students:	308	--



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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		



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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
Kondapur (V), Ghatkesar (M), R.R. Dist-501 301




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


Project Coordinator


HOD-ECE

*Head of the Department
Electronics and Communication Engineering
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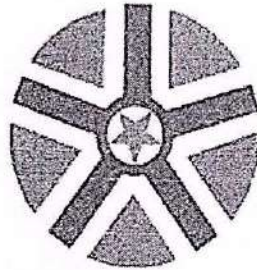
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2018-2022



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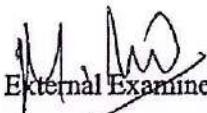
This is to certify that the project report entitled "CONTACTLESS HOME AUTOMATION" that is being submitted by G.MADHURI(18UP1A0410),G.AKANKSHA(18UP1A0412), K.LIKHITHA(18UP1A0426),K.SWATHI(18UP1A0427)in partial fulfillment for the award of the Bachelor of Technology in ELECTRONICS AND COMMUNICATION ENGINEERING 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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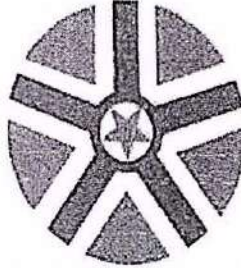

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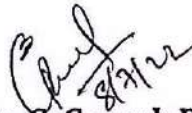


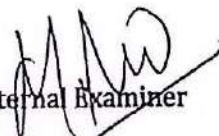
CERTIFICATE

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
Electronics and Communication Engineering
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Kondapur (V), Ghatkesar (M), Medchal District - 501301


Mr. G. Ganesh Reddy
Internal Guide


External Examiner



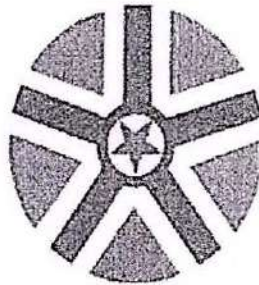

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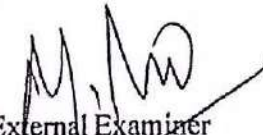
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This is to certify that the project report entitled "LOW-POWER AND FAST FULL ADDER BY EXPLORING NEW XOR AND XNOR GATES" that is being submitted by D.Srivani(18UP1A0408), K.Jhansi(18UP1A0425), K.Sony(18UP1A0428) in partial fulfillment for the award 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
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


Guide Name
J. SUNIL KUMAR


External Examiner


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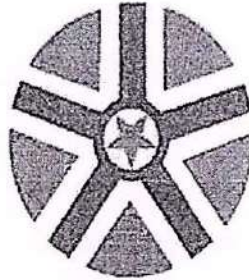


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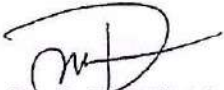
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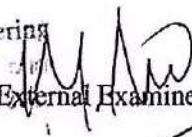


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This is to certify that the project report entitled "Real Time AMR and Control of Household Energy Meter with GSM communication" that is being submitted by P.Varshitha(18UP1A0443) K.Deepika(18UP1A0430), B.Jhansi(19UP1A0403) in partial fulfillment for 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

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

External Examiner




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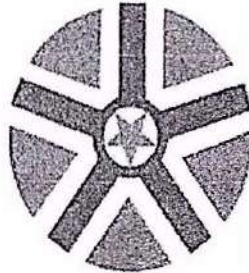
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2018-2022



CERTIFICATE

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

Dr. SK Masthan Basha

Internal Guide

External Examiner



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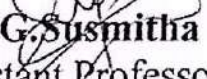
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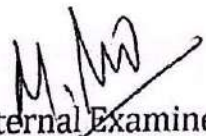
2018-2022



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(18UPIA0447),B.NIVEDITHA(19UP5A0404),J.SHARANYA(18UPIA0419) 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
Electronics and Communication Engineering
Vignan's Institute of Management and Technology for Women
Kondapur (V), Ghatkesar (M), R.R. Dist-501 301


External Examiner



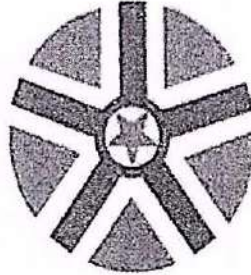

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Telangana State

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

(Approved by AICTE & Affiliated to JNTU)

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


2018-2022



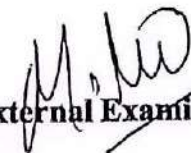
CERTIFICATE

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
Kondapur (V), Ghatkesar (M), R.R. Dist-501 301

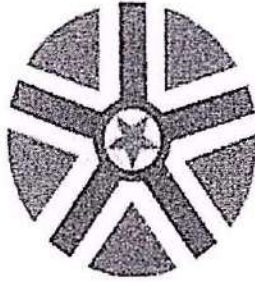

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
(Approved by AICTE & Affiliated to JNTUH) Kondapur village Ghatkesar (M), Medchal District – 501301

2018-2022



CERTIFICATE

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.

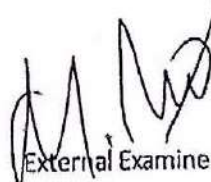
The results embodied in this project report have not been submitted to any other University or institute for the award of any degree.


Mr. P. Hari Krishna

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


Nutakki Rajeswari

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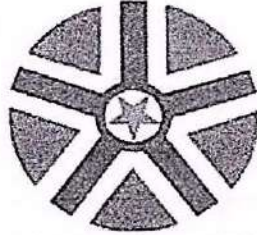
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Telangana State

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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 “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

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External Examiner
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Vignans Institute of Management & Technology For Women
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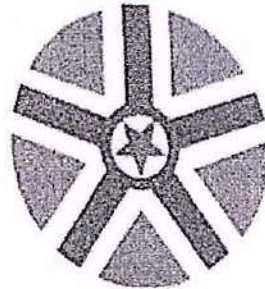
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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

(Approved by AICTE & Affiliated to JNTUJ)

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
Internal Guide

External Examiner

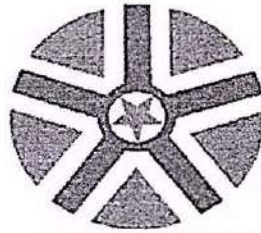


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(Approved by AICTE, NEW DELHI & Affiliated to JNTU, HYDERABAD) Kondapur (V),
Ghatkesar (M), Medchal-Malkajgiri District – 501301

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.

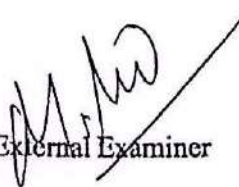

Mr. P. HARI KRISHNA

Head of Department

Head of the Department
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Dr. Raja Krishna Moorthy

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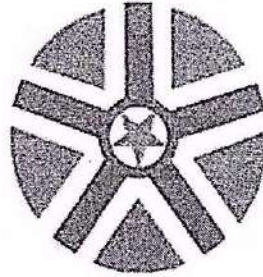


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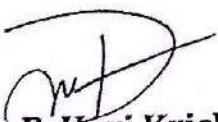
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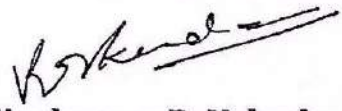


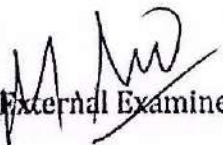
CERTIFICATE

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
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Mr. Vijaykumar R. Urkude
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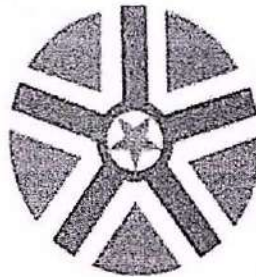

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

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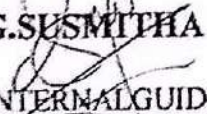
Kondapur (V), Ghatkesar (M), Medchal District – 501301

2018-2022




CERTIFICATE

This is to certify that the project report entitled "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
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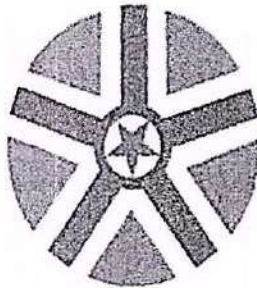
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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

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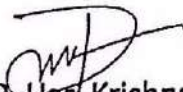
Kondapur (V), Ghatkesar (M), Medchal District – 501301

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

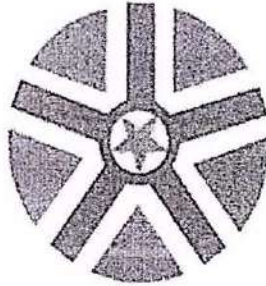



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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

(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 "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
Vignans Institute of Management and Technology for Women
Kondapur (V), Ghatkesar (M), R.R. Dist-501 301

E. Nagaraju
Internal Guide

External Examiner



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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

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

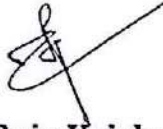
2018-2022

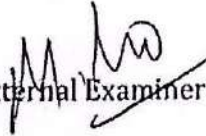


CERTIFICATE


This is to certify that the project report entitled "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




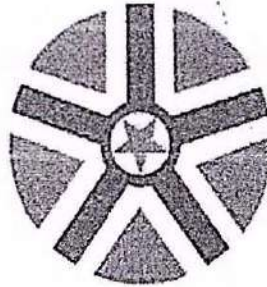

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

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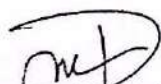
Kondapur (V), Ghatkesar (M), Medchal District – 501301

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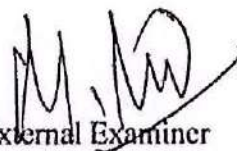
CERTIFICATE

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

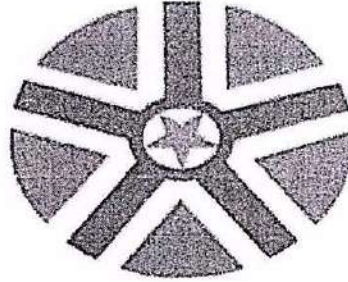

External Examiner




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Telangana State

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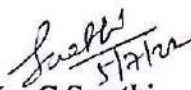
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
(Approved by AICTE & Affiliated to JNTUH) Kondapur (V) Ghatkesar (M),
Medchal District - 2018-2022)



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



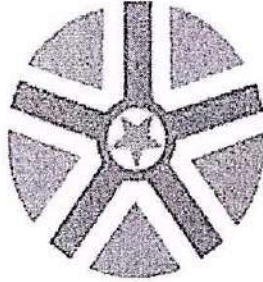

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

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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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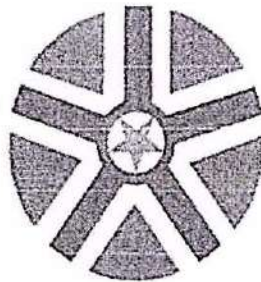
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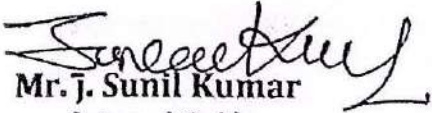
CERTIFICATE

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

Electronics and Communication Engineering
Vignans Institute of Management and Technology For Women
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Mr. J. Sunil Kumar

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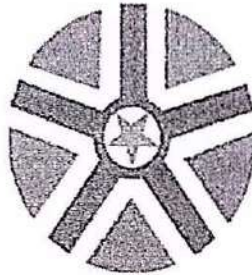
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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

(Approved by AICTE & Affiliated to JNTUHH)

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

2018-2022

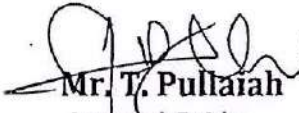



CERTIFICATE

This is to certify that the project report entitled "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
Vignans Institute of Management and Technology
Kondapur (V), Ghatkesar (M), Medchal District - 501301


Mr. T. Pullaiah
Internal Guide


External Examiner



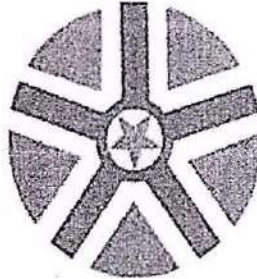

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Telangana State

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

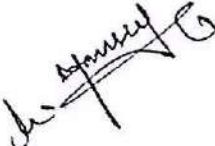
2018-2022




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



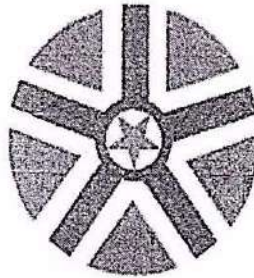

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Telangana State

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


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



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

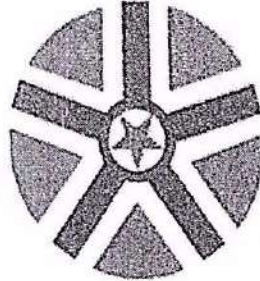


VIGNAN'S INSTITUTE OF MANAGEMENT AND TECHNOLOGY FOR WOMEN
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

(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 “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



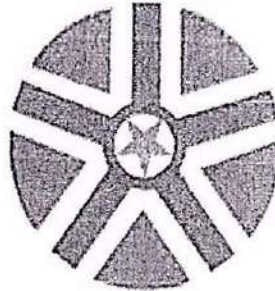
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Vignans Institute of Management & Technology For Women
Kondapur(V),Ghatkesar(M),Medchal-Malkajgiri(Dt)-501301
Telangana State

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

(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

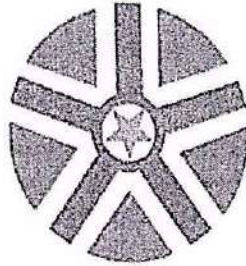



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Telangana State

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

2018-2022

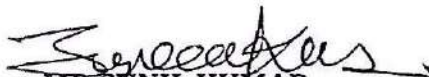


CERTIFICATE

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.AKANKSHA(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


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Telangana State



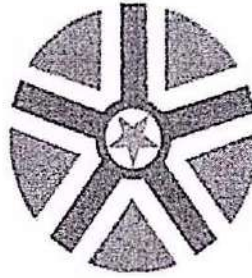
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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

(Approved by AICTE & Affiliated to JNTU(H))

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

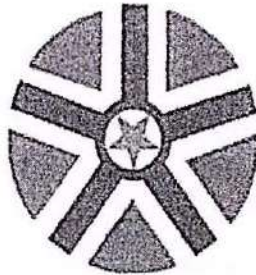


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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

(Approved by AICTE & Affiliated to JNTUH)

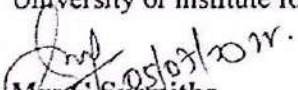
Kondapur (V), Ghatkesar (M), Medchal District – 501301


2018-2022



CERTIFICATE

This is to certify that the project report entitled "ADVANCED VEHICLE DETECTION AND AUTO PENALTY COLLECTION BY USING IOT" that is being submitted by K. Pooja (18UP1A0471), P. Madhunitha (18UP1A0493), B. Sai Ashritha (18UPIA0458) 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
Electronic and Communication Engineering
Vignans Institute of Management & Technology For Women
Kondapur (V), Ghatkesar (M), Medchal District-501301


External Examiner



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



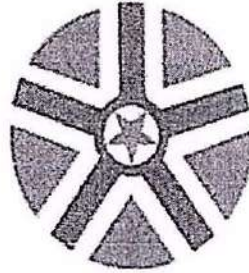
VIGNAN'S INSTITUTE OF MANAGEMENT AND TECHNOLOGY FOR WOMEN

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

(Approved by AICTE & Affiliated to JNTU(H))

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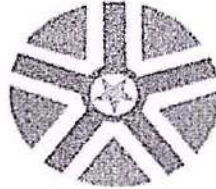
Vignans Institute of Management & Technology For Women
Kondapur(V),Ghatkesar(M),Medchal-Malkajgiri(Dt)-501301
Telangana State

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

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


Mrs. Radhika
ASSISTANT PROFESSOR
Internal Guide


External Examiner



ii


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

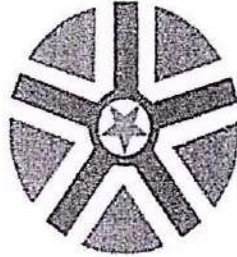
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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

(Approved by AICTE & Affiliated to JNTUII)

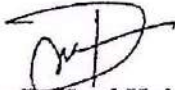
Kondapur (V), Ghatkesar (M), Medchal District – 501301

2018-2022




CERTIFICATE

This is to certify that the project report entitled "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
Internal Guide


External Examiner




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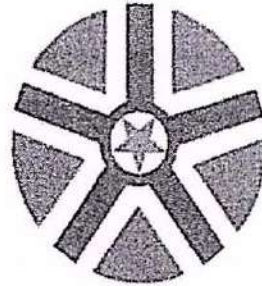
Vignans Institute of Management & Technology For Women
Kondapur(V),Ghatkesar(M),Medchal-Malkajgiri(Dt)-501301
Telangana State

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

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

Mr. E. Nagaraju
Internal Guide

[Signature]
External Examiner



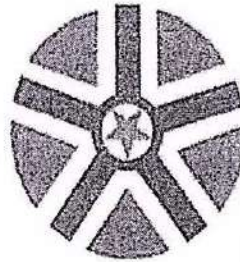
[Signature]
PRINCIPAL
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Kondapur(V),Ghatkesar(M),Medchal-Malkajgiri(Dt)-501301
Telangana State

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

(Approved by AICTE & Affiliated to JNTUH)

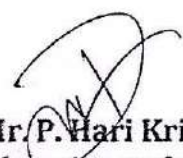
Kondapur (V), Ghatkesar (M), Medchal District – 501301


2018-2022




CERTIFICATE

This is to certify that the project report entitled "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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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

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

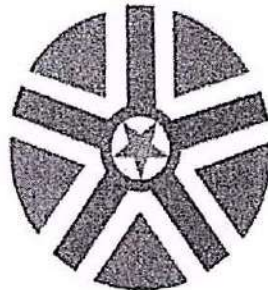


VIGNAN'S INSTITUTE OF MANAGEMENT AND TECHNOLOGY FOR WOMEN
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

(Approved by AICTE & Affiliated to JNTUH)

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

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


External Examiner



VIGNAN'S INSTITUTE OF MANAGEMENT AND TECHNOLOGY FOR WOMEN

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(Approved by AICTE, New Delhi & Affiliated to JNTUH, Hyderabad.)

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



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

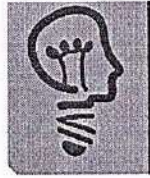
The III -B.Tech B Section students of Electronics and communication engineering have undergone internship training during Academic year 2021-22.

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
Vignani'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
Vignani'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.



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

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



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



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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
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.



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/brainvisionsolutions



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.




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 **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.



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Telangana State

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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.



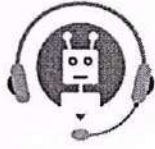
Arun Kumar G

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), Medchal(M), 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, 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.

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
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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.

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.



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

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 (M), Medchal-Medchal (OT)-501301,
Telangana, India

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



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

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

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

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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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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 **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

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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)-507301
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
Vignan's Institute of Management & Technology For Women
Kondapur(V), Ghatkesar(M), Medchal-Malkajgiri(DU)-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.



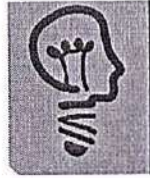
PRINCIPAL
Vignan's Institute of Management & Technology For w...
Kondapur(V),Ghatkesar(M),Medchal-Malkajgiri(Dt.)-501301
Telangana State

BHAGWATI PRODUCTS LIMITED

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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.



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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), Telangana State



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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(DT)-501301
Telangana State

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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
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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

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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
Vignn'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**

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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.



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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



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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www.fb.com/brainvisionsoulltions



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**

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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 **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**

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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-Malkajgiri(Dt)-501301
Telangana State

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



worksbot

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-Malkejgiri(Dt)-501301
Telangana State



BHAGWATI
PRODUCTS LIMITED

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

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.



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

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

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**

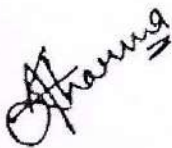
This is to certify that **GADDAM LIKHITHA** has successfully completed the internship from 05th Dec 2021 to 15th May 2022. During internship tenure we found her extremely resourceful in all the tasks that were given.

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
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

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-Malkajgiri(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

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/brainovisionsoultions



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

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, 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

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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.

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 (M), Maheshwaram (M), Rangareddy Dist., Hyderabad, Telangana - 501510.



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

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

Brain O Vision Solutions Pvt. Ltd.

Info.brainovision@gmail.com

www.brainovision.in

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www.fb.com/brainvisionsoultions



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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



[Signature]
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 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
Vignaa'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

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-Malkajgiri(Dt)-501301
Telangana State

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

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.



PRINCIPAL

Vignan's Institute of Management & Technology For Women
Kondapur(V), Ghatkesar(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

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.

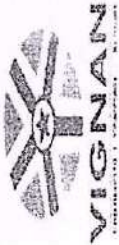


PRINCIPAL

Vignan's Institute of Management & Technology For Women
Kondapur(V), Ghatkesar(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



Dept. of ECE VMTW <ece@vmtw.in>

Request for permission for our B.Tech Students to visit your Organization

Dept. of ECE VMTW <ece@vmtw.in>

To: prod@cygnusmicro.com, techsupport@cygnusmicro.com, personnel@cygnusmicro.com

Fri, Apr 1, 2022 at 12:12 PM

Respected Sir,

Greeting from Vignan!

I am P.Harikrishna from the Vignan group of institutions, Hyderabad. we are very much interested in bringing our students to your esteemed organization for an industrial visit. We assure you that we would not disturb your regular work/production and conduct our students with utmost discipline.

I request you to kindly grant permission for our 76 students of the ECE department to visit on two different days, by accommodating 38 students on each day.

Please find the attachment.

Thanks & Regards
P. Harikrishna
Assoc. Prof & HOD,
Dept. of ECE, VMTW
Contact: 7093246048

Request letter for visit.pdf
404K

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





VIGNAN'S INSTITUTE OF MANAGEMENT AND TECHNOLOGY FOR WOMEN

(Sponsored by Lavu Educational Society)

(Affiliated to JNTUH, Hyderabad & Approved by AICTE, New Delhi)



Date: 01-04-2022

To
The Managing director,
Cygenus Microsystems(p) Ltd.
93,phase II,IDA,CHERELAPALLY,,
Hyderabad 500051, INDIA
www.cygnusmicro.com

Sub: Request permission for our B. TECH Students to visit your Organization-Reg.

Dear Sir,

We are one of the 8 well-reputed engineering institutions under Vignan Group of Institution, situated in Kondapur, Ghatkesar about 15kms from the city of Hyderabad. We are always ranked within first 10 ranks in JNTUH (Hyderabad). We have B.Tech and M.Tech courses in many branches of engineering, including Electronics & Communication Engineering. We wouldlike our student to get exposed to the industrial environment and more importantly industry practices, which would help them, upon their entry into any industry, to get in industry environment faster and deliver their jobs efficiently.


We are very much interested to bring our students to your esteemed Organization for an industrial visit. Two of our faculty will accompany the students for maintaining discipline and order during the visit. We assure you that we would not disturb your regular work/production and conduct our student with utmost discipline.

I request you to kindly grant permission for 76 students visiting on two different days, by accommodating 38 students on each day.

Thanking you,

Yours sincerely,


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


Dr. G. Apparao Naidu

PRINCIPAL
Vignan's Institute of Management and Technology for Women
Kondapur (V), Ghatkesar (M), R.R.Dist-501 301
Telangana State



Kondapur Village, Ghatkesar Mandal, Medchal - Malkajgiri District - 501 301

Phone : +91 96529 10002/3, E-mail : info.vmtw@gmail.com, hyd.vmtw.principal@gmail.com

Website : www.vmtw.in



VIGNANI'S INSTITUTE OF MANAGEMENT AND TECHNOLOGY FOR WOMEN

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(Affiliated to JNTU, Hyderabad & Approved by AICTE, New Delhi)



To
The Managing director,
Cygnus Microsystems(p) ltd.
93,phase II,IDA,CHERELAPALLY,,
Hyderabad 500051, INDIA
www.cygnusmicro.com

The Following the students are visit your organization

S.No	Hall Ticket No	Name of the Candidate
1	20PQ1A0426	Lahari
2	20UP1A0401	ALAGALA SHIVANI
3	20UP1A0402	ANNAM ALEKHYA
4	20UP1A0403	B. VEDAKSHARI
5	20UP1A0404	BADDIPALLY KEERTHY REDDY
6	20UP1A0405	BADEMALKE AFROZJAHA
7	20UP1A0406	BAKARAM SRAVANTHI
8	20UP1A0407	BANDARI VARDHANA
9	20UP1A0408	BANDREDDY DINITHA SRI
10	20UP1A0409	BARLA PUJITHA
11	20UP1A0410	BOBBALA LAXMI PRASANNA
12	20UP1A0411	BORRA DIVYA SREE
13	20UP1A0412	CHALLAMALLA KAVERI
14	20UP1A0413	DANDEM BHUMIKA
15	20UP1A0414	DASARI AKHILA
16	20UP1A0415	E.PRATHUSHA
17	20UP1A0416	GUDURU NIKISHA
18	20UP1A0417	GUJJULA ANJALI
19	20UP1A0418	GUNDRY YASHASWI
20	20UP1A0419	KAKI SUNITHA
21	20UP1A0420	KAMATAM MANASA
22	20UP1A0421	KODURU SANDHYA
23	20UP1A0422	KOLA SAI SNIGDHA
24	20UP1A0423	KOMMINENI SINDHU
25	20UP1A0424	KONDA ALEKHYA
26	21UP5A0401	ADEPU SWARNREKHA
27	21UP5A0402	ANKINAPALLI MAMATHA
28	21UP5A0403	ASHWITHA BURLA
29	21UP5A0404	BETHI SAHITHI
30	21UP5A0405	C GAYATHRI

PRINCIPAL

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

Kondapur Village, Ghatkesar Mandal, Medchal - Malkajgiri District - 501 301

Phone : +91 96529 10002/3, E-mail : info.vmtw@gmail.com, hyd.vmtw.principal@gmail.com

Website : www.vmtw.in



VIGNAN'S INSTITUTE OF MANAGEMENT AND TECHNOLOGY FOR WOMEN

(Sponsored by Lavu Educational Society)

[Affiliated to JNTUH, Hyderabad & Approved by AICTE, New Delhi]



S.No	Hall Ticket No	Name of the Candidate
31	21UP5A0406	CHEERA NAVYA
32	21UP5A0407	DONKESHWAR MADHURI
33	21UP5A0408	DULAM MANASA
34	21UP5A0409	EMUDABOINA NANDINI
35	21UP5A0410	GANNOJU OJASVI
36	21UP5A0411	GIDDALA BHARGAVI
37	21UP5A0412	LUNAVATH SHRAVANI
38	21UP5A0413	MACHANI MANASA
39	21UP5A0414	NAGAPURI NANDINI

PRINCIPAL

PRINCIPAL

Vignani's Institute of Management and Technology for Women
Kondapur (V), Ghatkesar (M), R.R.Dist-501 301
Telangana State

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Vignani's Institute of Management & Technology For Women
Kondapur(V), Ghatkesar(M), Medchal-Malkajgiri(DT)-501301
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VIGNAN'S INSTITUTE OF MANAGEMENT AND TECHNOLOGY FOR WOMEN

(Sponsored by Vignans Educational Society)

[Affiliated to JNTU-H, Hyderabad & Approved by AICTE, New Delhi]



To
The Managing director,
Cygenus Microsystems(p) ltd.
93,phase II,IDA,CHERELAPALLY,,
Hyderabad 500051, INDIA
www.cygnusmicro.com

The Following the students are visit your organization

S.No	Hall Ticket No	Name of the Candidate
1	20UP1A0425	KUKKALA VINDYA
2	20UP1A0426	KURAPATI REVATHI
3	20UP1A0427	MATTEPU GOWRI LAKSHMI
4	20UP1A0428	METTU PRANITHA
5	20UP1A0429	MUDDAM SRI VARSHA REDDY
6	20UP1A0430	NAREDDY PAVANI
7	20UP1A0431	P. AMULYA
8	20UP1A0432	PASUNURI SHIVA PRIYA RAO
9	20UP1A0433	PONUGOTI SINDHU
10	20UP1A0434	PULI SATYALAVANYA
11	20UP1A0435	PULLA SRIVANI
12	20UP1A0436	PURMA KEERTHANA
13	20UP1A0437	SIKHAKOLLU BHAVYA
14	20UP1A0438	SIVAKAVI MOUNIKA DEVI
15	20UP1A0439	TEKULA HARSHAVARDHINI
16	20UP1A0440	THATIKONDA RAMYA SRI
17	20UP1A0441	VALABHOJU MANASA
18	20UP1A0442	VELAGALA RENUKA
19	20UP1A0443	VOLETI CHANDANA
20	20UP1A0444	VUNDAVALLI SAI NAGA SHRESHTA
21	20UP1A0445	VUPPALA TEJASWINI REDDY
22	20UP1A0446	YARRAM VINITHA REDDY
23	20UP1A0448	MANNEM PANCHAKSHARI
24	21UP5A0415	ODNALA ARCHITHA
25	21UP5A0416	PABBIREDDY JISHITHA
26	21UP5A0417	PADALA RATNA KUMARI
27	21UP5A0418	PAIDIMARRY HARINISUDHA
28	21UP5A0419	PEDDABALA ANUJA
29	21UP5A0420	POTHKANI SWETHA
30	21UP5A0421	R SAI SHIVANI BAI
31	21UP5A0422	RAMIDI NIKITHA
32	21UP5A0423	RELANGI HEMALATHA
33	21UP5A0424	S NANDINI

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S.No	Hall Ticket No	Name of the Candidate
34	21UP5A0425	SANDENA OMSRI
35	21UP5A0426	SEELAM KAVYA
36	21UP5A0427	THAKKALA DEEPHI
37	21UP5A0428	VUNGARALA POOJA PRIYA

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Telangana State



4/7/22 9:16 AM

Vignani's Institute of Management & Technology for Women Mail - Request for permission for our B.Tech Students to visit your



Dept. of ECE VMTW <ece@vmtw.in>

Request for permission for our B.Tech Students to visit your Organization

TECHSUPPORT-HMAIL <techsupport@cygnusmicro.com>

Reply-To: techsupport@cygnusmicro.com

To: "Dept. of ECE VMTW" <ece@vmtw.in>

Cc: prod@cygnusmicro.com, personnel@cygnusmicro.com

Fri, Apr 1, 2022 at 2:02 PM

Dear Sir,

With reference to your below mail and your request letter dated 01-04-2022, We are pleased that your students and staff are interested to visit our plant operations to learn more about the manufacturing industry.

We schedule your visit to our company on 08-04-2022 (Friday). Out of 76 students, 38 students can visit our company between 10.30 AM to 12.00 PM. Remaining students can visit between 2.00 PM to 3.30 PM.

Regards

for Cygnus Microsystems (P) Ltd.

Ramesh Babu

Sr.Manager - Technical Support

[Quoted text hidden]

[Quoted text hidden]




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Accredited by

NBA

CSE & ECE

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

DATE: 07-04-2022

To,

The Principal

VMTW

Respected Sir,

Sub: - Request to sanction transport facility for Industrial Visit-Reg.

In order to give practical exposure to students, Department of ECE is scheduled an industrial visit for II ECE A & B students. So, you are requested to arrange transportation for the visit on 08-04-2022 as per the schedule given below.

Name of Company : Cygnus Microsystems (P) Ltd.
Address : CYGNUS MICROSYSTEMS (P) LTD. 93,
Phase II, IDA, Cherlapally,
Hyderabad - 500 051,
Date of Visit : 08-04-2022
Batch_1 Timings : 10:30AM to 12:00PM
Batch_2 Timings : 2:00PM to 3:30PM

Here total 76 students divided in to two batches of size 38 each. Each batch will be coordinated by one faculty member.

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Yours

HOD-ECE

[Signature]

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



Approved.
To Principal dept
Arrange 2 buses.



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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

VMTW/ECE/2021-22/1/CIR/3

DATE: 06-04-2022

CIRCULAR

This is Inform all The Students That the Department of Electronics and Communication Engineering is organizing an Industrial visit Date 08-04-2022 For the II-Year Students

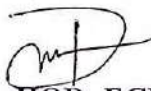
Departure Time: 9:00am

Arrival Time : 4:00pm

Name of Company : Sygnus Microsystems (P) Ltd.

The Following Faculty members will coordinate the above event.

1. Mr. J Sunil Kumar
2. Mr. K Ashok Reddy
3. Mrs. K Mamatha



HOD -ECE

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

Copy To:

Principal-Office
Dept -File
Dept-Notice Board
Circulate to II B.Tech ECE Class room.




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II B.Tech II sem Students List-2021-22

Industrial Visit

Branch :ECE

S.No	Hall Ticket No	Name of the Candidate	Signature
1	20UP1A0425	KUKKALA VINDYA	Vindya
2	20UP1A0426	KURAPATI REVATHI	Revathi
3	20UP1A0427	MATTEPU GOWRI LAKSHMI	Lakshmi
4	20UP1A0428	METTU PRANITHA	Pranitha
5	20UP1A0429	MUDDAM SRI VARSHA REDDY	VARSHA
6	20UP1A0430	NAREDDY PAVANI	PAVANI
7	20UP1A0431	P. AMULYA	P. Amulya
8	20UP1A0432	PASUNURI SHIVA PRIYA RAO	Priya
9	20UP1A0433	PONUGOTI SINDHU	P. Sindhu
10	20UP1A0434	PULI SATYALAVANYA	LAVANYA
11	20UP1A0435	PULLA SRIVANI	Srivani
12	20UP1A0436	PURMA KEERTHANA	P. Keerthana
13	20UP1A0437	SIKHAKOLLU BHAVYA	S. BHAVYA
14	20UP1A0438	SIVAKAVI MOUNIKA DEVI	Mounika Devi
15	20UP1A0439	TEKULA HARSHAVARDHINI	T. HARSHA VARDHINI
16	20UP1A0440	THATIKONDA RAMYA SRI	T. RAMYA
17	20UP1A0441	VALABHOJU MANASA	V. MANASA
18	20UP1A0442	VELAGALA RENUKA	V. Renuka
19	20UP1A0443	VOLETI CHANDANA	V. CHANDANA
20	20UP1A0444	VUNDAVALLI SAI NAGA SHRESHTA	Shreshtha
21	20UP1A0445	VUPPALA TEJASWINI REDDY	V. Tejaswini
22	20UP1A0446	YARRAM VINITHA REDDY	Vinitha
23	20UP1A0448	MANNEM PANCHAKSHARI	M. PANCHAKSHARI
24	21UP5A0415	ODNALA ARCHITHA	Architha
25	21UP5A0416	PABBIREDDY JISHITHA	Jishitha
26	21UP5A0417	PADALA RATNA KUMARI	RATNA
27	21UP5A0418	PAIDIMARRY HARINISUDHA	HARINI SUDHA
28	21UP5A0419	PEDDABALA ANUJA	Anuja Peddabala
29	21UP5A0420	POTHKANI SWETHA	P. SWETHA
30	21UP5A0421	R SAI SHIVANI BAI	Shivani
31	21UP5A0422	RAMIDI NIKITHA	R. Nikitha
32	21UP5A0423	RELANGI HEMALATHA	R. hemalatha
33	21UP5A0424	S NANDINI	S. NANDINI
34	21UP5A0425	SANDENA OMSRI	S. Omsri
35	21UP5A0426	SEELAM KAVYA	Jaya Selam;
36	21UP5A0427	THAKKALA DEEPTHI	T. DEEPTHI
37	21UP5A0428	VUNGARALA POOJA PRIYA	V. Pooja Priya

CO-Ordinator



Head of the Department

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II B.Tech II sem Students List-2021-22

Industrial Visit

Branch :ECE

S.No	Hall Ticket No	Name of the Candidate	Signature
1	20PQ1A0426	LAHARI	Labari
2	20UPIA0401	ALAGALA SHIVANI	Shani
3	20UPIA0402	ANNAM ALEKHYA	Alekhya
4	20UPIA0403	B. VEDAKSHARI	B.vedakshari
5	20UPIA0404	BADDIPALLY KEERTHY REDDY	Keerthy Reddy
6	20UPIA0405	BADEMALKE AFROZJAH	Afrozjaha
7	20UPIA0406	BAKARAM SRAVANTHI	Sravanthi
8	20UPIA0407	BANDARI VARDHANA	B. vardhana
9	20UPIA0408	BANDREDDY DINITHA SRI	B. Dinitha sri
10	20UPIA0409	BARLA PUJITHA	Pujitha
11	20UPIA0410	BOBBALA LAXMI PRASANNA	B. Laxmi Prasanna
12	20UPIA0411	BORRA DIVYA SREE	B. Divya Sree
13	20UPIA0412	CHALLAMALLA KAVERI	Ch. Kaveri
14	20UPIA0413	DANDEM BHUMIKA	Bhumika
15	20UPIA0414	DASARI AKHILA	Akhila
16	20UPIA0415	E.PRATHUSHA	Prathusha
17	20UPIA0416	GUDURU NIKISHA	Nikisha
18	20UPIA0417	GUJJULA ANJALI	ANJALI
19	20UPIA0418	GUNDRU YASHASWI	G. YASHASWI
20	20UPIA0419	KAKI SUNITHA	Sunitha
21	20UPIA0420	KAMATAM MANASA	MANASA
22	20UPIA0421	KODURU SANDHYA	SANDHYA
23	20UPIA0422	KOLA SAI SNIGDHA	K.SAI SNIGDHA
24	20UPIA0423	KOMMINENI SINDHU	Kommineni Sindhu
25	20UPIA0424	KONDA ALEKHYA	K. ALEKHYA
26	21UP5A0401	ADEPU SWARNREKHA	Swarnrekha
27	21UP5A0402	ANKINAPALLI MAMATHA	A. MAMATHA
28	21UP5A0403	ASHWITHA BURLA	B. ASWITHA
29	21UP5A0404	BETHI SAHITHI	B. SAHITHI
30	21UP5A0405	C GAYATHRI	C. Gayathri
31	21UP5A0406	CHEERA NAVYA	Navya
32	21UP5A0407	DONKESHWAR MADHURI	D. MADHURI
33	21UP5A0408	DULAM MANASA	D. Manasa
34	21UP5A0409	EMUDABOINA NANDINI	NANDINI
35	21UP5A0410	GANNOJU OJASVI	OJASVI
36	21UP5A0411	GIDDALA BHARGAVI	Bhargavi
37	21UP5A0412	LUNAVATH SHRAVANI	Shravani
38	21UP5A0413	MACHANI MANASA	MANASA
39	21UP5A0414	NAGAPURI NANDINI	NANDINI

CO-Ordinator



Head of the Department

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REPORT ON INDUSTRIAL VISIT TO CYGNUS MICROSYSTEM

D:8-04-2022

TO

The H.O.D

Department of ECE,

VMTW, HYDERABAD.

Sub: Visit Report on one-day industrial visit to CYGNUS MICROSYSTEM-Reg.

Respected sir,

The visit was organized with prior permission from CYGNUS MICROSYSTEM cheralpally, up on receiving the letter of permission from CYGNUS MICROSYSTEM , 76 students with Four faculty members Mr. K.AshokReddy,Mr.K.KarthikPaul,Mr.sunilKumar.J ,Mrs.K.Mamatha mam went on an industrial visit to the CYGNUS MICROSYSTEM on 8-04-22. We visited all the major facilities and infrastructure of CYGNUS MICROSYSTEM. I am sure that this visit will helps the students in their future Professional life and brings a positive change in their thinking and practical behavior regarding education and specially engineering.

We reached CYGNUS MICROSYSTEM at around 9.30 am and after several security checks and administrative formalities, we were taken to a digital class room. After entering into the room. The theory class was started by Mr.RameshBabu Sir-The senior Manager.He has explained us by whom the company was started and main objective of their industry.

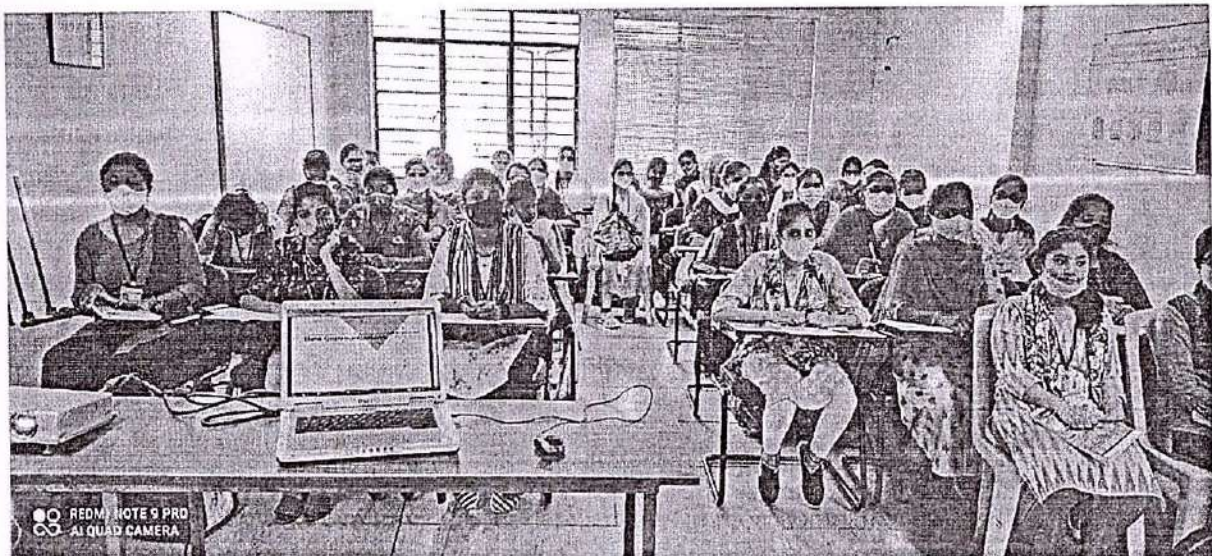



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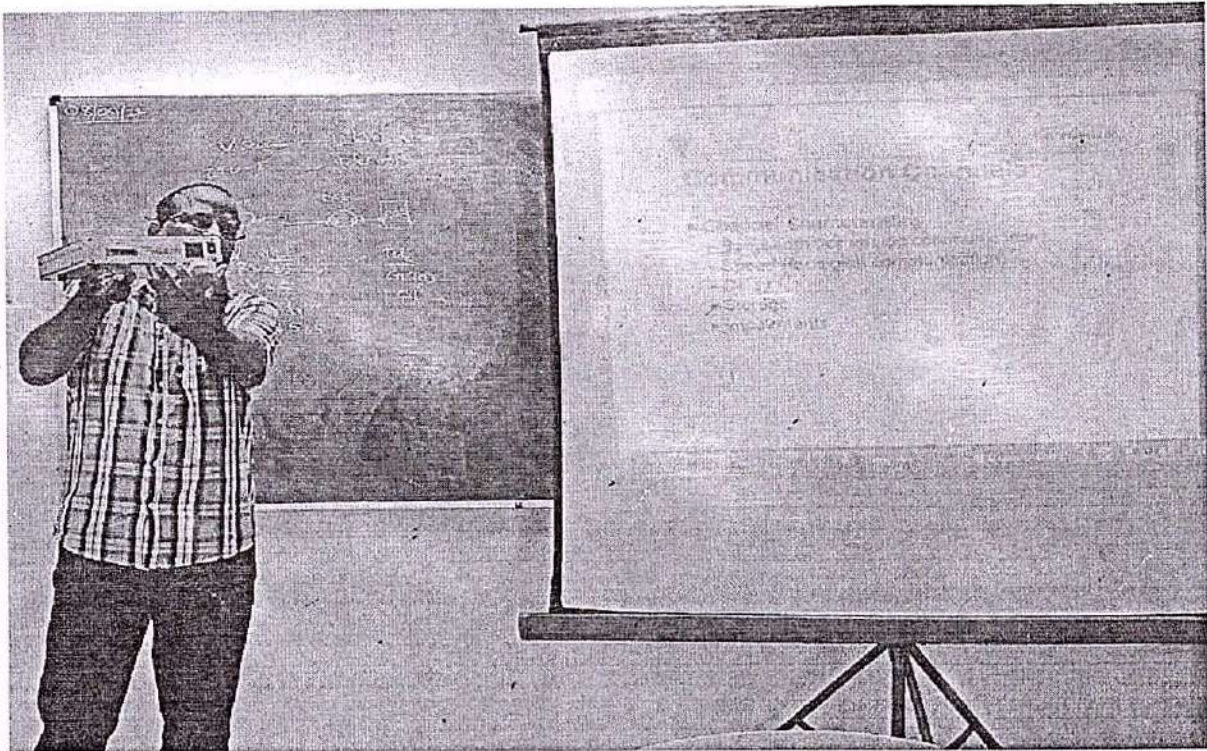
THEORY ABOUT THEIR MANUFACTURING DEVICES:

He explained us about their production i.e about manufacturing of data communication and networking devices. And explained about departments in their company.



Here we learned about the data terminal equipment and data communication equipment, Interphases and much more like RS232, V35 and E1, RS585 which was briefly explained and detailed by senior engineer Ramesh Babu Sir. And further detailed about the and gave us a knowledgeable information.





EXPLANATION ABOUT RAILWAY TICKET SLOT:

We have learned about the working of multiplexers and de multiplexers and their applications. We have seen the practical working of the multiplexers and de multiplexers. The devices contains automatic backup.MUX is 1 input into 16 slots and DEMUX is 16 slots into 8 outputs.Always no need to enter the password or details to get information of ticket booking (Their is a short key to enter the password in short cut and we can get information very easily).




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ABOUT MODEMS:

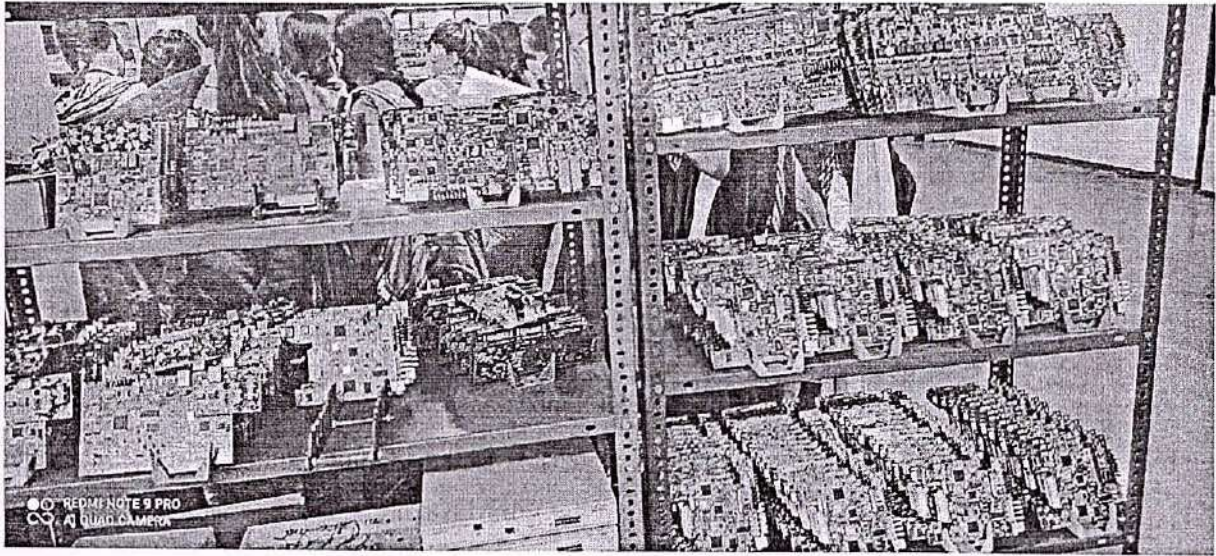
A modem modulates and demodulates electrical signals sent through phone lines, coaxial cables or other types of wiring. In other words, it transforms digital information from your computer into analog signals. That can transmit over wires and it can translate incoming analog signals back into digital data.



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ABOUT MULTIPLEXER BOARD:

A Multiplexer which is also known as a data selector, is a device that selects between several analog or digital input signals and forwards the selected input to a single output line. The selection is directed by a separate set of digital inputs known as leased lines.



The above figures explains about E1 and router

- Support ILAN ports
- Support I E1/T1 WAN port
- Support built-in-4-port Ethernet switch function (Optional)
- Support router or bridge mode
- Multicolor LED Indicators
- Local or remote management through local console LAN or WAN
- Support CLI (Common line interface)
- Support SNMP management


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There we have learned about the different types of communicating channels and their characteristics and their classifications

1. Bandwidth:

A range of frequencies with in a given band in a particular that used to transmitting a signal (for an analog communication)

2. Impairments:

The ability to receive and send and process, comprehends and concepts or variable. A communication disorder may range in severity.

Ramesh Babu Sir was started practical session and manifested the PCB boards and IC chips and explained about the working principles of the particular devices and its uses, when and where it can be applicable in manufacturing of data communication. While the tutoring process going on. We were captured and noted the valuable information regarding this.



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We have to completed the industrial visit by 3 P.m. came to our college by 3:30 PM. This visit was very informative and very useful to us.

-There hospitality was very good.

-Thank you for Cygnus Microsystem Pvt.Ltd.

-Thank you the Respected Principal Sir and HOD Sir for giving us permission to visit this industry.

 Coordinator

Mr.J.Sunilkumar

Assistant Professor.




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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		




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

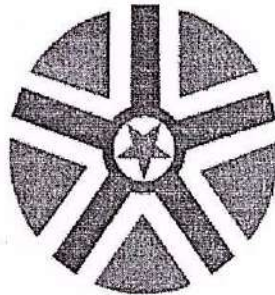
**VIGNAN'S INSTITUTE OF MANAGEMENT AND TECHNOLOGY FOR
WOMEN**

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

(Approved by AICTE & Affiliated to JNTUH)

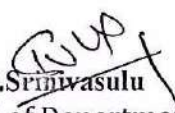
Kondapur (V), Ghatkesar (M), Medchal District – 501301


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.


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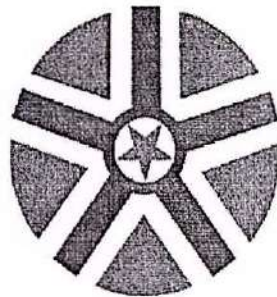
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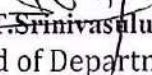
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This is to certify that the project report entitled “Handmade paper bagasse” that is being submitted by Bokka Nikhitha (21UP1A0405), Gorre Sri Chandana (21UP1A0416), Kasala Akhila (21UP1A0420), M Raja Suhasini (21UP1A0423), Repala Vedasri (21UP1A0435), 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.


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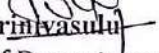
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This is to certify that the project report entitled “Corrision behaviour of electro deposited Zn-Ni alloy” that is being submitted by A. Sindhu (21UP1A0402), C.Shivani (21UP1A0408), Gundlapally Madhuri (21UP1A0417), Manchukonda Vaishnavi (21UP1A0427), 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.


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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.

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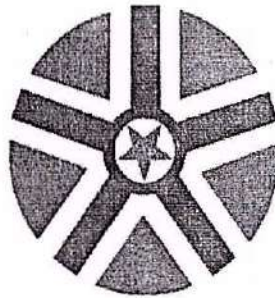
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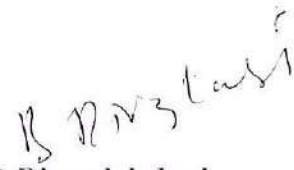
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This is to certify that the project report entitled “Single phase transformer applications” that is being submitted by A. Naga Sudeepthi (21UP1A0401), Chindam Nikitha (21UP1A0411), Gogu Ravali (21UP1A0415), Kosika Devika (21UP1A0422), Nasam Sanjana (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.


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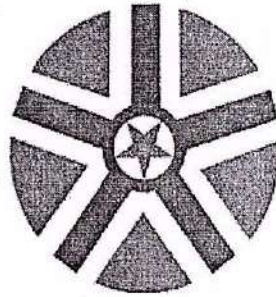
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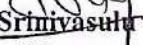
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This is to certify that the project report entitled “three phase transformer applications” that is being submitted by Baswa Poojitha (21UP1A0404), Chindam Manisha (21UP1A0410), Katikala Niharika (21UP1A0421), Madishetti Akshitha (21UP1A0426), P. Durga (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.


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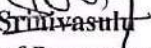
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This is to certify that the project report entitled “An evaluation of environmental impact of air pollution and industrial waste management in Hyderabad region ” that is being submitted by Borra Shree Lakshmi Naveena (21UP1A0406), Chiluveru Vaishnavi (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.


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