

Counseling Code: MHVR, University Code: E3

Criterion 1 - Curricular Aspects 1.3 Curriculum Enrichment

1.3.3.1 Number of students undertaking project work/field work / internships

Summary Sheet

Program Code	Program Name	No. of Students
01	CIVIL	38
02	EEE	57
03	MECH	74
04	ECE	64
05	CSE	107
12	IT	27
21	AERO	20



PRINCIPAL

MAHAVEER INSTITUTE OF SCIENCE & TECHNOLDET Bandlaguda, Hyd-500 D05.

Vyaapasi, Bandlagoda <u>PostEksharditi</u> Hyderabad 500 005, falaagasa (fijka Fal. 645 64556975,5076353622, fiia: 640 64553 Limat: pilnitipalisabaroritiprosil.com, Wakatas www.mist.ac.in.

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	DEP	ARTMENT OF CIV 2020-20		ING	
		PROJECT BAT	CH LIST		
		BATCH-1			
S.No	II.T.No of students	Name of the students	Name of the Guide	Title of the project	
1	1763140101	AJANAKI	G.ARUNA	DESIGN AND	
2	17E31A0122	MARUN KUMAR		ESTIMATION OF READY MIX	
3	17E31A0139	SHIVARATEIN KUMAR		CONCRETE PLANT	
4	1783140143	T.PAVANI	-		
5	1763140144	Y.SALYASHASWINI			
		BATCH-2			
ũ	17E31A0102	ARSHLFIRDAUSH	B.VARALAXMI	DAMAGE	
7	17E3140103	B.SCHAN LAL	-	DETECTION IN STRCTURAL ELEMENTS AND EFFECT OF FREQUENCY RANGE USING EMI	
8	1783140113	O.SMARANI			
9	1753140121	MA.GHARI UDDUIN			
10	17E31A0135	P.SALPEASAD			
-		UATCH-3		L	
11	1763140141	SK REHAMIATH BABA	Dr.VASANTH	SOILD WASTE	
12	17E31A0125	MD.MUQTAR PATEL	LAXMI	MANAGEMENT IN TELANGANA STATE	
13	1783100105	B.RAU	-	DURING COVID-19	
14	18835A0111	P.DEEPA SACE			
15	1923BA0101	G.VENKATA ABHIGYAN SHARMA	-		
		BATCH-4		5. · · · · · · · · · · · · · · · · · · ·	
16	17E31A0140	S AVIMASH	K.SAI PRADEEP	DEVELOPMENT OF	
17	1763140138	S.SRIDI MR		RECYCLED PET FIBER	
18	17E31A0142	S HARSHVARDHAN		APPLICATIONS IN	
19	18E35A0102	B.VARAPRASO		CONCERETE	

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PRINCIPAL MAHAVEER INSTITUTE OF SCIENCE & TECHNOLOGY Bundlaguda, Hyd-500 005

Vysepint, Banitaguda PustiKosheepiti. Haliotakai 500 605, Tetargana MijiA Iali 040 645569/9,9370321522, Fait 040 54593 Elmait principalarabaceridgonaliceen. Webshei www.mist.ac.ba

No.



20	18E35A0105	D.KIRAN KUMAR		REINFORCING FIBER	
-		BATCH-5			
21	1\$E35A0113	S.TEJASWINI	CH.SWETHAMBER	The second second second second second second	
22	18E35A0109	M.MOUNIKA	-	DESIGN OF MULTI STORIED BUILDING USING STADD PRO	
23	1SE35A0112	P.RAGHVENDAR	-		
24	17E31A0105	B.RAVI KUMAR			
25	17631/0116	H.HARLKRISHNA.			
		BATCH-6			
26	17E31A0107	B.VUAY KUMAR	M.SALKUMAR	SOIL STABILIZATION	
27	17E31A0108	C.VIKAS REDDY	SAGAR	BY USING EGG SHELL POWDER AND MARBLE DUST	
28	1783140109	C.MANIKADITA			
29	1713140110	D.TEJA			
	-	SATCH-7			
30	17H11A0118	MO ALTHAR	B.RAMAN KUMAR	ANALYSIS OF	
31	17H11A0119	MD.ASIM ADNAN		DESIGN OF HOSPITAL G-3 USING E-TABS	
32	17H11A0102	ABUBAKAR	- 1		
33	17E31A0128	MD. MAJSED UDDIN	- 1		
34	18E35A0101	ADNAN ADBUL WASI			
		BATCH-8			
35	1863540114	U.VENU GOPAL	CH:HEMALATHA	STUDY ON	
36	18(3540110	PALOK		STRENGTH CHARACTERISTICS	
37	1813540107	M. TUSHAL YADAV		DF SAND	
31	1813540106	K KRANTHI KUMAR			
39	1813540108	MODUL			

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PRINCIPAL MAHAVEER INSTITUTE OF SCIENCE & DECIMOLOGY Bandlaguda, Hert 500 005.

MAHAVEER INSTITUTE OF SCIENCE AND TECHNOLOGY Vyasapuri, Bandlaguda, Keshavagiri (post),Hyderabad-500005



#### DEPARTMENT OF CIVIL ENGINEERING

#### CERTIFICATE

This is to certify that the major project entitled "DESIGN AND ESTIMATION OF READY MIX CONCRETE PLANTS" is being

submitted by

| A. JANAKI         | (17E31A0101) |
|-------------------|--------------|
| M. ARUN KUMAR     | (17E31A0122) |
| S. KUMAR          | (17E31A0139) |
| T. PAVANI         | (17E31A9143) |
| Y, SAI YASHASWINI | (17E31A0144) |

Under my supervision and submitted in the partial fulfilment of the requirement for the award of "BACHELOR OF TECHNOLOGY" in CIVIL ENGINEERING by the JAWAHARLAL NEHRU INSTITUTE OF SCIENCE AND TECHNOLOGY, Hyderabad, Telangana during the academic year 2017-2021

PROJECT GUIDE EXTERNAL GUIDE Ms. G. ARUNARY ASST.PROFESSOR RIMENT PRIN PRINCIPAL MAHAVEER INSTITUTE OF SCIENCE & TECHNOLOGY Bandlaguda, Hyd-e00 005.



MAHAVEER INSTITUTE OF SCIENCE AND TECHNOLOGY (Approved by AICTE, Affiliated to JNTU, HYDERABAD) Vyasapuri Bandlaguda, post keshavgiri (p.o), Hyderabad-500005.

#### BONAFIDE CERTIFICATE

This is to certify that the thesis titled

# "DAMAGE DETECTION IN STRUCTURAL ELEMENTS AND EFFECT OF FREQUENCY RANGE USING EMI TECHNIQUES"

is being submitted by

| ARSHI FIRDAUSH   | 17E31A0102 |
|------------------|------------|
| B, SOHAN LAL     | 17E31A0103 |
| DEVALLA SMARANI  | 17E31A0113 |
| M.A. GHANI UDDIN | 17E31A0121 |
| P. SAI PRASAD    | 17E3LA0135 |

In partial fulfillment of the requirement of the award of "BACHELOR OF TECHNOLOGY" in civil engineering to JNTU Hyderabad. This record is a bonafide work carried out by them under guidance and supervision. The results embodied in this thesis had not been submitted to any other University/Institute for the award of any degree/diploma.

INTERNAL GUIDE B. VARALAXMI Department of Civil Engineering CH.SWETHAMBUR (OF

PRINCIPAL MAHAVEER INSTITUTE OF SCIENCE & TECHNOLOGY Bandlaguda, Hyd-500 005.

ENTERNAL GUIDE

# MAHAVEER INSTITUTE OF SCIENCE AND TECHNOLOGY

(Approved by AICTE & Affiliated to JNTUH, Hyderabad)

Vyasapuri, Bandlaguda, Hyderabad - 500005

# DEPARTMENT OF CIVIL ENGINEERING



CERTIFICATE

This is to certify that Major Project entitled "SOLID WASTE MANAGEMENT IN TELANGANA STATE 2020-2021" is being submitted by B. RAJU, MUQTAR PATEL, REMATH BABA, P. DEEPASREE, GV, ABHIGVAN bearing hall ticket numbers 17E31A0105, 17E31A0125, 17E31A0141, 18E35A0111, 19E38A0101 respectively in partial fulfillment for the award of degree of Baehelor in Technology in Civil Engineering, Mahaveer Institute of Science and Technology, is a record of bonafide work carried out by them. The result embodied in this report has been submitted in any other university for award of any degree.

DR.M. VASANTA LAXMI

INTERNAL GUIDE

EXTERNAL EXAMINER

CILSWETHAMMER HEADOFDEPARTSIENT DECENVARA RAO PRINCIPAT FRINCIPAT FRINCIPAL MAHAVEER DISTRIUT OF SULEKEEN HERMONOGE

Bandiaguda, Hyd-SON 605.

# MAHAVEER INSTITUTE OF SCIENCE AND TECHNOLOGY

Vyasapuri , Bandlaguda, Keshavgiri(post) Hyderabad -500005



# DEPARTMENT OF CIVIL ENGINERRING

#### CERTIFICATE

This is to certify that the major project entitled "DEVLOPMENT OF RECYCLED PET FIBER AND ITS APPLICATION AS CONCRETE REINFORCING FIBER" is been submitted by

| 5.SREEDHAR          | 17E31A0138 |
|---------------------|------------|
| S.AVINASH           | 17E31A0140 |
| S.HARSHAVARDHAN     | 17E31A0142 |
| <b>B.VARAPRASAD</b> | 18E35A0102 |
| D.KIRAN KUMAR       | 18E35A0105 |

Under my supervision and submitted in the partial fulfillment of the requirement for the award of "BACHELOR OF TECHNOLOGY" in CIVIL ENGINEERING by the JAWAHARLAL INSTITUTE OF SCIENCE AND TECHNOLOGY, Hyderabad, Telangana during the academic year 2017-2021

PROJECT GUIDE

EXTERNAL EXAMINER

MR. K.SAI PRADEEP

ASST.PROFESSOR

READ OF DEPARTMENT

CH.SWETHAMBER

DR. PHIAGESHWAR RAD MAHAVEER INSTITUTE OF SCIENCE & TECHNOLOGY Randiaguda, Hyd-500 005.

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# MAHAVEER INSTITUTE OF SCIENCE&TECHNOLOGY

#### HYDERABAD-500005



#### CERTIFICATE

This is to certify that the major project emitted "ANALYSIS AND DESIGN OF MULTISTORIED BULIDING USING STADD PRO" submitted by

| B.RAVIKUMAR    | 17E31A0106 |
|----------------|------------|
| II.HARIKRISHNA | 17E31A0116 |
| M.MOUNIKA      | 18E35A0109 |
| P.RAGHAVENDAR  | 18E35A0112 |
| STEJASWINI     | 18E35A0113 |

In partial fulfillment of the requirement for the Degree of Bachelor of Technology in Civil Engineering. To the Jawaharlal Nehru Technology University as a record of Bonalide work done by his under our supervision and guidance.

ï

INTERNAL GUIDE CH. SWETHAMBER PROFESSOR

ENTERNAL EXAMINER

HEAD OF THE DEPARTMENT

CH. SWETHAMBER

#### MAHAVEER INSTITUTE OF SCIENCE & TECHNOLOGY

BANDLAGUDA, HYDERABAD-500 005

2017-2021

Department of Civil Engineering



ESTD:2001

CERTIFICATE

This is to certify that the major project entitled "SOIL STABILIZATION BY USING EGG SHELL POWDER AND MARBLE DUST" Submitted by

| B. VIJAY KUMAR         | 17E31A0107 |
|------------------------|------------|
| CH. VIKAS REDDY        | 17E31A0108 |
| CH. MANIKANTA MUDHIRAJ | 17E31A0109 |
| D, TEJA                | 17E31A0110 |

In partial fulfilment of the requirement for the Degree of Bachelor of Technology in Civil Engineering. To the Jawaharial Nehrn Technological University as a record of Bonafide work done by his under our supervision and guidance.

INTERSAL GUIDE

M. SAI KUMAR SAGAR ASSISTANT PROFESSOR

HEAD OF THE DEPARTMENT CII. SWETHAMBER

ENTERNAL EXAMINER

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#### ESTD: 2001

MAHAVEER INSTITUTE OF SCIENCE AND TECHNOLOGY (Approved by AICTE Affiliated to JNTU, Hyderabad) Vyasapuri (post), Bandlaguda , Hyderabad-500005

CERTIFICATE

This is to certify that the thesis titled "ANALYSIS AND DESIGN OF HOSPITAL G+3USING ETABS" Is being submitted by

| ABUBAKAR              | 171111A0102 |
|-----------------------|-------------|
| MOHAMMED ALTHAF       | 171111A0118 |
| MORAMMED ASIM ADNAN   | 171111A0119 |
| ADNAN ABDUL WASE      | 18E35A0101  |
| MOHAMMED MAJEED UDDIN | 17E31A0128  |

In partial fulfilment of the requirement of the award of "BACHELOR OF TECHNOLOGY" in CIVIL ENGINEERING to JNTU Hyderabad. This record is a bonafide work carried out by them under the guidance and supervision. The result embodied in this thesis has not been submitted to grif other university or institute for the award of any degree or diploma.

B RAMANA KUMAR

INTERNAL GUIDE

CILSWETHAMBER

HEAD OF THE DEPARTMENT

EXTERNAL GUIDE



# MAHAVEER INSTITUTE OF SCIENCE & TECHNOLOGY

(Approved by AICTE, Affiliated to JNTU, Hyderabad) Vyasapuri, Bandlaguda, Keshavagiri (post), Hyderabad-500005

# CERTIFICATE

This is to certify that the project work entitled "STUDY ON STRENGTH CHARACTERISTICS OF SAND"

Is being submitted by

| K. KRANTHI KUMAR | - (18E35A0106) |
|------------------|----------------|
| M. TUSHAL YADAV  | - (18E35A0107) |
| M. ROHITH        | - (18E35A0108) |
| P. ALOK          | - (18E35A0110) |
| U. VENU GOPAL    | - (18E35A0114) |

In partial fulfillment of the requirements for the award of "BACHELOR OF TECHNOLOGY" in CIVIL ENGINEERING to JNTU/Hyderabad. This record is a bonafide work carried out by them under guidance and supervision. The results embodied in the thesis has not been submitted to any other university or institute for the award of any degree or diploma.

16/2021

INTERNAL GUIDE CH. III: MALATHA (Assistant professor)

EXTERNAL EXAMINER

1.1.1.16/21

HEAD OF THE DEPARTMENT CH. SWEDIAMBER (Preferred)

DR. B. NAMSHYEEBO INSTITUTE OF SCIENCE & TECH 104 Bandlaguda, Hyd-500 cub.

|     |           |            |           |                    | Mahaveer Institute of Science a                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | nd Technology                            |                       | 22                    |
|-----|-----------|------------|-----------|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|-----------------------|-----------------------|
| Ter | h IV th Y | /ear II Se | mister Pr | oject Batches      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                          | Acadamic Year:2020-20 | 21                    |
|     | Departm   | ent        |           |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                          |                       |                       |
| 0   | Project   | Cource     | Code      | College Name       | Prorect Title                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Hall Ticket No                           | Name of the Student   | Guide Name            |
| 1   |           | 1          |           | Mahaveer           | 20.6 million                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 17E31A0224                               | 5. SHASHANK           |                       |
|     | 1         |            |           | Institute of       | Winit Hydro micro grid and its                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 17E31A0225                               | SD. ZAFAR             |                       |
|     | 1         | 8.Tech     | E3        | Science and        | The second | 16E31A0217                               | MD. DANISH PERWEZ     | Dr.M.Rajender Reddy   |
| -   | _         |            | -         | Mahaveer           | Multifunctional Grid connected                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 18E35A0202                               | A. MARUTHI            |                       |
| _   |           | 1 1        |           | Institute of       | inverter interfaced by wind energy                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 18E35A0201                               | M. AJAY SABU          | P.V.V.Sathya Narayana |
|     | 2         | 8.Tech     | E3        | Science and        | conversion system                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 16E31A0231                               | ARUN KUMAR            |                       |
| _   | 1         | T          | -         | Institute of       | active power control with                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 17E31A0211                               | G.SRILATHA            |                       |
| -   | -         | 1          |           | Science and        | and being contract to the second                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 17E31A0207                               | CH. APARNA            |                       |
| -   | 3         | B.Tech     | E3        | Technology         | ny trattery based standalone                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 17E31A0220                               | M. SREE CHANDANA      | G.Prem Kumar Reddy    |
| _   | -         |            | 1         |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 17E31A0227                               | T.SUSHMA              |                       |
| 0   |           |            |           | Institute of       | analysis of a grid- connected                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 17E31A0226                               | T RAKSHITHA           | 1                     |
| 1   | 1         |            | in a      | Science and        | photovoltaic/wind hybrid power                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 17E31A0209                               | G.SAI SREEYA          | Dr.M.Sudhakaran       |
| 2   | 4         | B.tech     | E3        | Technology         | 11年1月1日1日1日<br>11月1日日 - 11月1日<br>11月1日日 - 11月1日<br>11月1日<br>11月1日<br>11月1日<br>11月1日<br>11月1日<br>11月1日<br>11月1日<br>11月1日<br>11月1日<br>11月1日<br>11月1日<br>11月1日<br>11月1日<br>11月1日<br>11月1日<br>11月1日<br>11月1日<br>11月1日<br>11月1日<br>11月1日<br>11月1日<br>11月1日<br>11月1日<br>11月1日<br>11月1日<br>11月1日<br>11月1日<br>11月1日<br>11月1日<br>11月1日<br>11月11日<br>11月11日<br>11月11日<br>11月11日<br>11月11日<br>11月11日<br>11月11日<br>11月11日<br>11月11日<br>11月11日<br>11月11日<br>11月11日<br>11月11日<br>11月11日<br>11月11日<br>11月11日<br>11月11日<br>11月11日<br>11月11日<br>11月11日<br>11月11日<br>11月11日<br>11月11日<br>11月11日<br>11月11日<br>11月11日<br>11月11日<br>11月11日<br>11月11日<br>11月11日<br>11月11日<br>11月11日<br>11月11日<br>11月11日<br>11月11日<br>11月11日<br>11月11日<br>11月11日<br>11月11日<br>11月11日<br>11月11日<br>11月11日<br>11月11日<br>11月11日<br>11月11日<br>11月11日<br>11月11日<br>11月11日<br>11月11日<br>11月11日<br>11月11日<br>11月11日<br>11月11日<br>11月11日<br>11月11日<br>11月11日<br>11月11日<br>11月11日<br>11月11日<br>11月11日<br>11月11日<br>11月11日<br>11月11日<br>11月11日<br>11月11日<br>11月11日<br>11月11日<br>11月11日<br>11月11日<br>11月11日<br>11月11日<br>11月11日<br>11月11日<br>11月11日<br>11月11日<br>11月11日<br>11月11日<br>11月11日<br>11月11日<br>11月11日<br>11月11日<br>11月11日<br>11月11日<br>11月11日<br>11月11日<br>11月11日<br>11月11日<br>11月11日<br>11月11日<br>11月11日<br>11月111日<br>11月111日<br>11月111日<br>11月111日<br>11月1111<br>11月1111<br>11月1111<br>11月1111<br>11月1111<br>11月1111<br>11月1111<br>11月1111<br>11月11111<br>11月1111<br>11月11111<br>11月11111<br>11月11111<br>11月11111<br>11月111111                                                                                                                                                                                   | Incarnotos                               |                       |                       |
|     | 1         | -          | 1         | le concentre       | concerter for direct drive pmsg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 17E31A0204                               | B.RAHUL               |                       |
| 3   | 4         |            |           | Institute of       | write turbines using direct torque                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 17E31A0230                               | V, HARISH NAIK        |                       |
| 4   | 6         | B.Tech     | E3        | Technology         | IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>B.BHARATH KUMAR</b>                   | B.Satish              |                       |
| 2   | 1-        | Janeen     | 5         | A CROSS ACTIVE MED |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 18E35A0213                               | M.VENU                | 1                     |
| б   |           |            |           | Institute of       | PV Power                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 18E35A0218                               | U. ANIL KUMAR         |                       |
| 7   | 1         |            |           | Science and        | Injustion by DSTATCOM with                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 18E35A0212                               | M.NAVEEN GOUD         | R.Kalyani             |
| 18  | 6         | B.tech     | E3        | Technology         | Variable DC Link                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1013340210                               |                       | 11                    |
| -   | 1         | -          | 1         | I an ear           | Ormen and control of micro-grid                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 18£35A0215                               | R.SINDU               |                       |
| 19  | -         |            |           | Institute of       | in renewable energy                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 18E35A0207                               | D.SWETHA              | 1                     |
| 20  |           |            |           | Science and        | providing sources                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 17E31A0218                               | L.RAVI                | N.Saraswathi          |
| 21  | 7         | B.tech     | E3        | Technology         | and sources                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1. | 05                    | -                     |
|     |           | -          | -         | Mahaveer           | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 18E35A0203                               | B.ANUSHA              |                       |

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| 4           | 8  | 8.Tech     | E3   | Technology                  | grid interactive solar PV based water                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             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| 5           |    | 1          |      | Institute of                | Mitigation of Interharmonics in pv                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 18E35A0211                      | M. 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| 6           |    |            |      | Science and                 | The state of the s | 18E35A0209                      | K.SINDHU                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | and a second sec |
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| 9           |    | Lawrence 1 | dica | Science and                 | B structure 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 18M35A0202                      | CH. SHYAM PRASAD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Hathiram                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 30          | 10 | B.Tech     | E3   | Technology                  | assymmetrical voltage sags                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 17E31A0208                      | G. 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| 31          | _  | T          | T.   | Institute of                | Design and Performance Analysis                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   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| 32          |    |            |      | Institute of<br>Science and | of Three-Phase                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 17E31A0221                      | M. 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|             | 11 | B.Tech     | E3   | Technology                  | Solar PV Integrated UPQC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          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| 13          | 11 | D.Teen     | 100  | Technology                  | Solo Printegrates of de                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           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| 34          |    |            |      | Institute of                | control system improve                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 17E31A0219                      | M.RAKESH                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | - 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| 35          |    |            | 1    | Science and                 | performance of a PMSG based 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     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| 36          | 12 | B.Tech     | E3   | Technology                  | wand energy conversation under                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    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| 37          |    |            | 1    | Institute of                | THREE PHASE INDUCTION MOTOR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 18E35A0217                      | and the state of t |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 38          |    | 5323       | 14   | Science and                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   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| 39          | 13 | B.Tech     | E3   | Technology                  | PER FREQUENCY CONTROL WITH                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 1825540200                      | G. 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| 40          | -  | -          | 1    | Institute of                | perver quality conditioner applied                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                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| 41          | 1  |            | 1    | Science and                 | in sincel wire earth return                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       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| 42          | 14 | B.Tech     | E3   | Technology                  | electronic power distribution grids                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 18E35A0214                      | P. 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| 44          |    | 1          |      | Science and                 | Liamonics Reduction and Power                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     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| 45          | 15 | B.Tech     | E3   | Technology                  | Crodity Improvement By Using Dp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   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| 46          | -  |            |      | Mahaveer                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | and in the second second second | and the state of t |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 47          |    |            |      | Institute of                | Fully controller designed pv base                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 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| 48          |    |            |      | Science and                 | calitan power device for power                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    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| 49          | 16 | B.Tech     | 83   | Technology                  | quality enhancement                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 17E31A0                         | 210 G. KIRAN                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Bargavi                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |

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Approved by AICTE, Affiliated to JNTU, Hyderabad. Vyasapuri, Bandlaguda, Post: Keshavgiri, Hyderabad-500005.

# CERTIFICATE

# This is to certify that the project work entitled "DEVELOPMENT OF COMBINED CONTROL SYSTEM TO IMPROVE PERFORMANCE OF A PMSG BASED WIND ENERGY CONVERSION SYSTEM UNDER NORMAL AND GRID FAULT CONDITIONS"

Submitted by

A.ARAVIND (17E31A0203) B.HARI KRISHNA (17E31A0206) M.RAKESH (17E31A0219)

In partial fulfillment for the requirements for the Degree of BACHELOR OF TECHNOLOGY in ELECTRICAL AND ELECTRONICS ENGINEERING of MAHAVEER INSTITUTE OF SCIENCE AND TECHNOLOGY, Hyderabad, during the academic year 2019-20, is a bonafide record of the work carried out by him as per academic course for the award of the degree.

PROJECT GUIDE **B.Srinivasulu** Assistant Professor INTERNA

n1 \$ 5 .

HEAD OF THE DEPT [E.E.E] Dr.M.Rajendar Reddy

PRIVACUAL MANYEER MANYEER

Professor





INSTITUTE OF SCIENCE & TECHNOLOGY

Approved by AICTL, Affiliated to INTU, Hyderabad Vyasapuri, Bandlaguda, Post, Keshavgiri, Hyderabad Socios

#### CERTIFICATE

This is to certify that the project work entitled "SINGLE PAHSE TO THREE PHASE UNIFIED POWER QUALITY CONDITIONER APPLIES IN SINGLE WIRE EARTH RETURN ELECTRIC POWER DISTRIBUTION GRIDS"

| Submitted by                    |               |
|---------------------------------|---------------|
| KELOTH SANTOSH                  | [17E31A0215]  |
| BURA SRIDHAR                    | [18F.35A0206] |
| PEDDASAYANNAGARU MAHENDAR REDDY | [18E35A0214]  |

In partial fulfillment for the requirements for the Degree of BACHELOR OF TECHNOLOGY in ELECTRICAL AND ELECTRONICS ENGINEERING of MAHAVEER INSTITUTE OF SCIENCE AND TECHNOLOGY, Hyderabad, during the Academic year 2018-21, is a bonafide record of the work carried out by him as per academic course for the award of the degree.

PROJECTGUIDE

T. HIMABINDHU Assistant Professor

INTERNALEXAMINER

HEAD OF THE DEPT[E.E.E]

DR.M.RAJENDARREDDY Professor

# EXTERNAL EXAMINER

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# INSTITUTE OF SCIENCE & TECHNOLOGY

Approved by AICTE, Affiliated to INTU, Hyderabad. Vyasapuri, Bandlaguda, Post: Keshavgiri, Hyderabad-S00005

# CERTIFICATE

# This is to certify that the project work entitled

# "POWER QUALITY IMPROVEMENT AND PV POWER INJECTION BY DSTATCOM WITH VARIABLE DC LINK VOLTAGE CONTROL FROM

# RSC- MLC"

# SUBMITTED BY

M.NAVEEN GOLD [18E35A0212]

MAVENU [181.35 x0213]

1. AMIL KUMAR [18E35A0218]

In partial fulfillment for the requirements for the Degree of

BACHELOR OF TECHNOLOGY IN ELECTRICAL AND ELECTRONICS ENGINEERING OF MAHAVEER INSTITUTE OF SCIENCE AND TECHNOLOGY. Hyderabad, during the academic year 2020-21, is a bonafide record of the work.

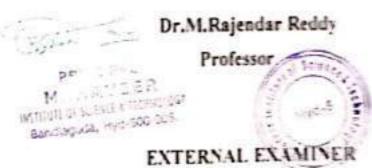
carried out by them as per academic course for the award of the degree.

adyan PROJECT GUIDE

HEAD OF THE DEPTIELE

R. Kalyani

Associate Professor





Approved by AICTE, Amiliated to INTU, Hyderabed Vyasapuri, Bandlaguda, Post: Keshavgiri, Hyderabed Subbus,

#### CERTIFICATE

# This is to certify that Major Project work entitled

"Fault tolerant back-to-back converter for direct drive PMSG wind turbines using direct torque and power control techniques"

#### Submitted by

B. RAHUL (17E31A0204)

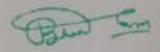
# V.HARISH NAIK (17E31A0230)

# B. BHARATH KUMAR (18D95A0204)

In partial fulfilment of the requirements for the Degree of Bachelor of Technology in Electrical and Electronics Engineering NEHURU TECHNOLOGICAL UNIVERSITY is a record of bonafide work carried out by us under the guidance and supervision.

B. SATHISH Guide, EEE

DR.M. RAVE Head of the Department, EEE EXTERNAL EXAMINER



PRINCIPAL MAHAVEER INDIVISION LINCE TOMOTOR Sandinguda, hyd-sbo 005.



INSTITUTE OF SCIENCE & TECHNOLOGY manimum by mICTE, antiquine to 19711 Industrial and Waterstory, Bandlegola, Post Enderson, Helerabed Sciences

# CERTIFICATE

This is to certify that the project work entitled "DESIGN AND IMPLEMENTATION OF ACTIVE POWER CONTROL WITH IMPROVED P AND O METHOD FOR WIND PV-BATTERY BASED STANDALONE GENERATION SYSTEM"

Submitted by

## 17131A0220 MISREE CHANDANA

In partial fulfillment for the requirements for the Degree of BACHELOR OF TECHNOLOGY in ELECTRICAL AND ELECTRONICS ENGINEERING of MAHAVEER INSTITUTE OF SCIENCE AND TECHNOLOGY, Hyderabad, during the academic course for the aware of the degree.

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PROJECT GUIDE G PREM KUMAR REDDY

Associate Professor

HEAD OF THE DEPA

Dr. M. RAJENDAR REDDY

Professor

INTERNAL EXAMINER

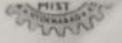
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## CERTIFICATE

# This is to certify that the project work entitled "DESIGN AND PERFORMANCE ANALYSIS OF THREE-PHASE SOLAR PV INTEGRATED UPQC"

Submitted by

A.S OM SAI KIRAN [17E31A0201]

K.VINEETH [17E31A0216]

M. VEERA REDDY [17E31A0221]

In partial fulfillment for the requirements for the Degree of BACHELOR OF TECHNOLOGY in ELECTRICAL AND ELECTRONICS ENGINEERING of MAHAVEER INSTITUTE OF SCIENCE AND TECHNOLOGY, Hyderabad, during the academic year 2020-21, is a bonafide record of the work carried out by them as per academic course for the award of the degree.

PROJECT GUIDE

B.DIVYA Assistant Professor

HEAD OF THE DEPARTMENT

Dr. M. Rajendar Reddy Professor

INTERNAL EXAMINER

PRINCIPAL MANAY SER EXTERNAL EXAMINER MANAY SOCOS



Approved by AICTE, Affiliated to INTU, Hyderaball Vyasapuri, Bandlaguda, Post: Keshavgiri, Hyderabad 500005.

#### CERTIFICATE

This is to certify that the project work entitled "HARMONICS REDUCTION AND POWER QUALITY IMPROVEMENT BY USING DPFC" Submitted by

# MALKAPALLY SRINIVAS P. RAGHAVENDRA G. VISHAL

17M35A0212 17M35A0217 17M35A0207

In partial fulfiliment for the requirements for the Degree of BACHELOR OF TECHNOLOGY IN ELECTRICAL AND ELECTRONICS ENGINEERING of MAHAVEER INSTITUTE OF SCIENCE AND TECHNOLOGY, Hyderabied, during the academic year 2018-21, is a bonafide record of the work carried out by him as per academic course for the award of the degree.

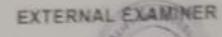
PROJECT GUIDE MOHAMMED.MASOOD Assistant Professor

INTERNAL EXAMINER



MAHAVEER

HEAD OF THE DEPT [E.E.E] DR.M. RAJENDAR REDDY Professor





Approved by AICTE, Affiliated to INTU, Hyderabad.

Vyasapun, Bandlaguda, Post: Keshavgiri, Hyderabad-500005-

#### CERTIFICATE

This is to certify that the project work entitled "Direct Torque Control of Three-Phase Induction Motor based on Constant Voltage per Frequency Control with Simple Controller" submitted

| by                    |              |
|-----------------------|--------------|
| B. YASHWANTH          | (17E31A0205) |
| T. DURGA PAWAN KALYAN | (18E35A0217) |
| C. TAV SHIVA          | (18E35A0208) |

In partial fulfillment for the requirements for the Degree of BACHELOR OF TECHNOLOGY in ELECTRICAL AND ELECTRONICS ENGINEERING of MAHAVEER INSTITUTE OF SCIENCE AND TECHNOLOGY, Hyderabad, during the academic year 2019-20, is a bonafiderecord of the work carried out by him as per academic course for the award of the degree.

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PROJECT GUIDE

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Dr.M .Rajendar Reddy

Professor

INTERNAL EXAMINER

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PRINCIPAL MAHAVEER INSTITUTE OF STREET TRANSPORT The Allenge stat, Hydraco, Och.



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#### CERTIFICATE

This is to certify that the project work entitled - INTER-MONIC MITIGATION IN A SINGLE PHASE GRID CONNECTED PV EMS WITH MAXIMUM POWER POINT TRACKING MODIFICATION".

Submitted by

| K. Aditya   | 35 | [17E31A0213] |
|-------------|----|--------------|
| K. Sindhu   |    | [18E35A0209] |
| M. Pranitha |    | [18E35A0211] |

In partial fulfillment for the requirements for the Degree HELOR OF TECHNOLOGY IN ELECTRICAL AND ELECTRONICS

EERING of MAHAVEER INSTITUTE OF SCIENCE AND TECHNOLOGY,

bad, during the academic year 2019-20, is a bonafide record of the work

out by him as per academic course for the award of the degree.

Talti CT GUIDE

HEAD OF THE DEPT

Dr. M. Rajendar Reddy

Jyothi

**II** Professor

Professor

MEXTERNAL ENAMINER

INSTITUTE OF SCIENCE & TECHNOLOGY Approved by AICTE, Alfibrated to INTU, Hyderabad Vyasapuri, Bandlaguda, Post: Keshavgiri, Hyderabad 500000

### CERTIFIC ATE

his is to certify that the project work entitled "IMPLEMENTATION AND LING OF A GRID - CONNECTED PHOTOVOLTAIC/WIND HYBRID SYSTEM"

## SUBMITTED BY

G.SATSREEYA [17E31A0209] T. RAKSHITHA [17E31A0226] T. SUSHMA [17E31A0227]

a partial fulfillment for the requirements for the Degree of BACHELOR OF OLOGY IN ELECTRICAL AND ELECTRONICS ENGINEERING OF /EER INSTITUTE OF SCIENCE AND TECHNOLOGY, Hyderabad, during femic year 2020-21, is a bonafide record of the work carried out by him as femic course for the award of the degree

T GUIDE

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Dr.M.Rajendar Reddy

Professor

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## INSTITUTE OF SCIENCE & TECHNOLOGY

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### CERTIFICATE

This is to certify that the project work entitled " GRID INTERACTIVE PV BASED WATER PUMPING USING BLDC MOTOR DRIVE "

#### SUBMITTED BY

#### BANDARU ANUSHA[18E35A0203]

#### BAKARAPU NAVYA [18E35A0204]

#### KUNARAPU SANDEEP [18E35A0210]

#### KONGARJ PAVAN [17E31A0217]

fulfillment for the requirements for the Degree of BACHELOR OF TECHNOLOGY TRICAL AND ELECTRONICS ENGINEERING of MAHAVEER INSTITUTE OF E AND TECHNOLOGY, Hyderabad, during the academic year 2018-21, is a bonafide the work carried out by him as per academic course for the award of the degree.

CT GUIDE **FSH KUMAR** ME e Professor

AL EXAMINER

HEAD OF THE DEPT |F DR.M.RAJENDAR REDDY Professor

MARTINE EXTERNAL EXAMINER

#### CERTIFICATE

This is to certify that the project work entitled

# GN AND CONTROL OF MICRO-GRIDE FED BY RENEWABLE GY GENERATING SOURCES"

SUBMITTED BY D.SWETHA [18E35A0207] R.SINDU [18E35A0215] L.RAVI [17E31A0218]

In partial fullfillment for the requirements for the Degree of HELOR OF TECHNOLOGY IN ELECTRICAL AND ELECTRONICS RING OF MAHAVEER INSTITUTE OF SCIENCE AND TECHNOLOGY.

ibad, during the academic year 2020-21, is a bonafide record of the work rried out as per academic course for the award of the degree.

TGUIDE

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Professor

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Dr.M.RajendarReddy

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# INSTITUTE OF SCIENCE & TECHNOLOGY

Approved by AICTE, Affiliated to INTU, Hyderabad. Vyasapuri, Bandlaguda, Post: Keshavgiri, Hyderabad-500005.

# CERTIFICATE

### is to certify that the project work entitled "WIND-HYDRO MICROGRID AND ITS CONTROL FOR RURAL ENERGY SYSTEM" Submitted by

#### SIRISHETTI SHASHANK [17E31A0224]

#### SYED ZAFAR [17E31A0225]

#### MD.DANISH PERWEZ [16E31A0217]

In partial fulfillment for the requirements for the Degree of BACHELOR OF NOLOGY in ELECTRICAL AND ELECTRONICS ENGINEERING of VEER INSTITUTE OF SCIENCE AND TECHNOLOGY, Hyderabad, during the ic year 2017-21, is a bonafide record of the work carried out by them as per academic for the award of the degree.

ECT GUIDE . RAJENDAR REDDY ESSOR, EEE RNAL EXAMINER HEAD OF THE DEPT [E.E.E] Dr. M. RAJENDAR REDDY PROFESSOR, EEE EXTERNAL EXAMINER

PRINCIPAL MAHAVEER MAHAVEER Danstaguese nyo soo soo

# INSTITUTE OF SCIENCE & TECHNOLOGY

Approved by AJCTE, Allfilated to 3%TU, Hyderatian Yxenapari, Bandlaguta, Post. Keshavgiri, Hyderatian 500005.

## CERTIFICATE

This is to certify that the project work entitled ACTIVEAND REACTIVE POWER INJECTION STRATEGIESFOR THREE-PHASE FOUR WIRE INVERTERS DURING SYMMETRICAL/ASYMETRICAL VOLTAGE SAGS" Submitted by

> V.VUAY KUMAR [18M35A0211] CH.SHYAM PRASAD [18M35A0202] G.SALKIRAN [17E31A0208]

In partial fulfillment for the requirements for the Degree of BACHELOR OF TECHNOLOGY in ELECTRICAL AND ELECTRONICS ENGINEERING of MAHAVEER INSTITUTE OF SCIENCE AND TECHNOLOGY, Hyderabad, during the academic year INSTITUTE OF SCIENCE AND TECHNOLOGY, Hyderabad, during the academic year

course for the award of the fiegree.

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EAD OF THE DEPT

Dr. M.Rajendar Reddy

professo

# INSTITUTE OF SCIENCE & TECHNOLOGY

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CERTIFICATE

MALAY BAIR

[ISE35An2rit]

In partial fulfillment for the requirements for the model of Digner of BACTIELOR OF TECHNOLOGY in TLECTRICAL AND ELECTRONICS ENGINEERING of MAHAVEER INSTITUTE OF SCIENCE AND TECHNOLOGY, Hyderabail during the

manifemile year 2020-21, is a bonaffile record of the work curved out by us at per academic course for the award of the degree.

PROJECT GUIDE

TOL P.V.V. SATYANARAYANA

HEAD OF THE DEPARTMENT DELL Prot. Dr. M. RAJENDAR REDDY

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PRINCIPAL MAHAVEER EUGENPERNAL EXAMPLER

INTERNAL EXAMINER

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Vysapuri, Bandlaguda Post Keshovgiri, Nyderabadi 500 005, Telengana INDIA Tel: 040-64595979-20020773, Fax: 040-24455003 E-mail: <u>principal malraveer@gmail.com</u>. Website: www.mist.ac.in.



Approved by AIGTE, Alfaitated in JNTUR, Hyd

# DEPARTMENT OF MECHANICAL ENGINEERING MAIN PROJECT LIST-2020-2021

| BATCH<br>NO | UT.NO      | NAME OF THE<br>STUDENT        | PROJECT TITLE                                               | NAME OF<br>THE GUIDE    |
|-------------|------------|-------------------------------|-------------------------------------------------------------|-------------------------|
| L           | 18E35A0310 | D. Prathap                    | Fabrication of Multi                                        | T.Shahinsha             |
|             | 17E31A0304 | B. Mohan                      | crop seed and<br>fertilizer Ploughing<br>Machine            |                         |
|             | 17E31A0309 | D. Jayander Reddy             |                                                             |                         |
|             | 18E35A0307 | Ch. Raju                      |                                                             |                         |
|             | 17E31A0320 | K. Payan Kumar                |                                                             |                         |
| 2           | 17E31A0333 | Mohd Rayees                   | Fabrication of                                              | B. Venkateswar<br>Reddy |
|             | 18M35A0308 | Mohammad Firasath<br>Ali      | Electric car, study<br>and analysis of                      |                         |
|             | 17E31A0302 | A.Raja                        | Power Transmission                                          |                         |
|             | 17E31A0339 | N.Srikanth Reddy              | system                                                      |                         |
| 3           | 18E35A0302 | A.Shyam Kumar                 | Synthesis and                                               | D.Santhosh<br>Kumar     |
|             | 17E31A0326 | M,Mahesh                      | characteristics of<br>Nano materials and                    |                         |
|             | 18e35a0308 | Chinna Boska Mahesh           | its applications                                            |                         |
|             | 17E31A0327 | M. Prudhviraj                 |                                                             |                         |
| 4           | 18E35A0312 | Goka Sai Krishna              | Design and Analysis<br>of air purifier                      | K.Devisingh             |
|             | 17E31A0322 | M.A. Ghouse                   |                                                             |                         |
|             | 17E31A0314 | Gvl Akhila                    |                                                             |                         |
|             | 18E35A0301 | Akula Giridhar Yadav          |                                                             |                         |
|             | 17E31A0328 | Md.Arman                      |                                                             |                         |
| 5           | 18E35A0303 | B.Chandra Sekhar              | Mimimization of                                             | P.Durga Ravî<br>Prasad  |
|             | 18E35A0306 | B.Naresh                      | local surface defects                                       |                         |
|             | 17E35A0317 | P. Tarun Kumar                | by analyzing various<br>mould flow process<br>parameters in |                         |
|             | 17E31A0306 | B.Mahesh Reddy                |                                                             |                         |
|             | 17E31A0308 | D.Sanjeev                     | injection moulding<br>process                               |                         |
| 6           | 18E35A0305 | Basude Sagar                  | Preparation and<br>characterization of                      | E.Krishna<br>Deepak     |
|             | 18E35A0309 | Chinnapagu Swetha             |                                                             |                         |
|             | 16M31A0322 | Telusri Ajay                  | Nano fluids.                                                |                         |
|             | 17M31A0306 | Syed Mohammed<br>Faizan Ghori |                                                             |                         |
|             | 16E31A0330 | Puttapad Yadaiah              |                                                             |                         |

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| 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 18E35A0311          | G.Umamaheshwari               | Fabrication of<br>All-Terrain<br>Vehicle                                                 | B.Nageswar               |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|-------------------------------|------------------------------------------------------------------------------------------|--------------------------|
| and the second sec | 17E31A0305          | B.Jayvardhan                  |                                                                                          |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 17E31A0325          | M.Premsai                     |                                                                                          |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 16E31A0333          | R.Hemanthkumar                |                                                                                          |                          |
| 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 17E31A0301          |                               |                                                                                          | D.Santhoshkumar          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 17E31A0313          | G. Venkatsai                  | Electro<br>Chemical<br>Machine                                                           |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 17E31A0324          | M.Rahul                       |                                                                                          |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 17E31A0311          | G. Abhilash Reddy             |                                                                                          |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 17E31A0316          | K. Manikanta                  |                                                                                          |                          |
| 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 18D95A0301          | Beera Praveen Kumar           | Design and<br>Fabrication of                                                             | M. Sonachalam            |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 17E31A0354          | Sharavan Sothar               |                                                                                          | 6                        |
| 18D95A0306                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Mandapelli Srikanth | Climbing<br>Vehicle           |                                                                                          |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 18E35A0325          | V.Praneesh                    | Venicie                                                                                  |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 18E35A0321          | 18E35A0321 Nithin Mahendrakar | 20                                                                                       |                          |
| 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 18D95A0307          | Mood Hathiram                 | Development of<br>Standard<br>IN-SITU<br>Maintenance<br>Procedure for<br>Industrial Gate | Dr. G. Srikanth Reddy    |
| 17                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 17D91A0307          | Desani Sandeep Reddy          |                                                                                          |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 17D91A0308          | Diddi Rosan Sai               |                                                                                          |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 18E35A0318          | Megavath Mahipal              |                                                                                          |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 18E35A0317          | M.Gopalakrishna               | Valve                                                                                    |                          |
| 11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 17D91A0320          | M.Sathvik Reddy               | Fabrication of                                                                           | Shravankumar             |
| 17E35<br>17D91<br>16621                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 17E35A0307          | K.Suresh                      | Regenerative<br>Braking System                                                           |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 17D91A0303          | A.Nithin Kumar                |                                                                                          |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 16621A0316          | Syed Abubakar                 |                                                                                          |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 18E35A0324          | T.Mahendar                    |                                                                                          |                          |
| 12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 18D95A0303          | G.Sangeethkumar               | Modelling and<br>Fabrication of<br>Solar Air<br>Purification<br>Tower                    | P.Praveen Kumar<br>Reddy |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 18D95A0305          | M.Ashwin Kanth                |                                                                                          |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 17D91A0330          | V.Adithya                     |                                                                                          |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 17E31A0343          | P.Akhilbabu                   |                                                                                          |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 17E31A0360          | Y.Satishreddy                 |                                                                                          |                          |

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| 13 | 17D91A0309 | G.Nithish Yaday               | Design and Analysis<br>of Wheel Rim and<br>Development of<br>PROTOTYPE by<br>using 3D Printer | M.Anil     |
|----|------------|-------------------------------|-----------------------------------------------------------------------------------------------|------------|
|    | 17D91A0304 | B.Arvind Reddy                |                                                                                               |            |
|    | 18E35A0313 | Guda Vikas                    |                                                                                               |            |
|    | 18E35A0314 | Jalukuri Rammurthi            |                                                                                               |            |
|    | 18E35A0315 | Kande Vineeth                 | -                                                                                             |            |
| 14 | 17D91A0316 | Mohammad Irfan                | Design and<br>Fabrication of<br>Automatic Drain<br>Scrap Collector                            | G.Bhavani  |
|    | 17D91A0311 | Guntuka Rambabu               |                                                                                               |            |
|    | 17D91A0324 | Saduvula Devender             |                                                                                               |            |
|    | 18E35A0322 | Nunavath Lingam               |                                                                                               |            |
|    | 18D95A0310 | Sare Srikanth                 |                                                                                               |            |
|    | 17D91A0325 | Samalla Divakar               |                                                                                               |            |
| 15 | 17E31A0355 | T.Bunny                       | Modelling and<br>Assembly of<br>Transmission<br>System of<br>All-terrain Vehicle              | B.Nageswar |
|    | 17E31A0342 | P.Bhargav Kumar               |                                                                                               |            |
|    | 17E31A0344 | P.Saiteja                     |                                                                                               |            |
|    | 17E31A0346 | R.Deepankar Saravana<br>Varma |                                                                                               |            |
|    | 17E31A0348 | Sathya Prasad Pooja           |                                                                                               |            |

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B.VENKATESWAR REDDY DEPARTMENT OF MECHANICAL ENGINEERING



# MAHAVEER INSTITUTE OF SCIENCE & TECHNOLOGY BANDLAGUDA -500 005, HYDERABAD, TELANGANA

Department of Mechanical Engineering

### CERTIFICATE

This is to certify that the work embodies in this dissertation entitled 'Design And Fabrication Of Staircase Climbing Vehicle' being submitted by 'Beera Praveen Kumar (18D95A0301), Sharavan Suthar (17E31A0354), Mandapelli Srikanth (18D95A0306), Nitin Mahendrakar (18E35A0321), V Praneesh (18E35A0325) partial fulfillment of the requirement for the award of 'Bachelor of Technology in Mechanical Engineering to Mahaveer Institute of Science and Technology, Bandlaguda, Hyderabad during the academic year 2020 - 2021 is a record of bonafide piece of work, undertaken by him/her the supervision of the undersigned.

i.

Approved and Supervised by

M. SONACHALAM

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B. VENKATESWAR REDDY

Head of the Department

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Dr. B. ]





MAHAVEER INSTITUTE OF SCIENCE & TECHNOLOGY BANDLAGUDA -500005, HYDERABAD, TELANGANA. DEPARTMENT OF MECHANICAL ENGINEERING

ii

# CERTIFICATE

This is to certify that the MAJOR PROJECT work entitled "DESIGN AND FABRICATION OF AUTOMATIC DRAIN SCRAP COLLECTOR" is being submitted by GUNTUKA RAMBABU(17D91A0311), MOHD IRFAN(17D91A0316), SADUVULA .DEVENDER (17D91A0324), SAMBALA DIVAKAR (17D91A0325), SARE SRIKANTH (18D95A0310), NUNAVATH LINGAM (18E35A0322), in the partial fulfilment of the requirements of BACHELOR OF TECHNOLOGY IN MECHANICAL ENGINEERING to MAHAVEER INSTITUTE OF SCIENCE AND TECHNOLOGY during 2017-2021 is carried out by them under my guidance and supervision.

Mrs .G.BHAVANI

ASSISTANT PROFESSOR

PROJECT GUIDE

B.VENKATESHWAR REDDY

ASSOCIATE PROFESSOR

HEAD OF DEPARTMENT

Dr. B.NAGESHWARA RAO

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## CERTIFICATE

This is to certify that the work embodies in this work dissertation entitled Modelling and Fabrication of Solar Air purification Tower being submitted by Gajula.Sangeeth Kumar, Marapally.Ashwin Kanth, Vodnala.Adithya, Yadama.Sathish Reddy, Pilli.Akhil Babu for partial fulfillment of the requirements for the award of Bachelor of Technology in Mechanical Engineering to Mahaveer Institute of Science and Technology, Bandlaguda, Hyderabad during academic year 2020-2021 is a record of bonafide piece of work, undertaken by him/her the supervision of the undersigned

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# DEPARTMENT OF MECHANICAL ENGINEERING

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This is to certify that the project work entitled "DEVEPLOMENT OF STANDARD IN-SITU MAINTENANCE PROCEDURE FOR INBUSTRIAL GATE VALVE" is submitted by MOOD HATHIRAM. DESANI SANDEEP REDDY, DIDDI ROSHAN SAI, MEGAVATH MAHIPAL, M.GOPAL KRISHNA in partial fulfillment of the requirement for the award of the Degree Of Technology in MECHANICAL ENGINEERING from MAHAVEER INSTITUTE OF SCIENCE AND TECHNOLOGY, during the academic year 2020-2021. The results embodied in this project report have not been submitted to any other University or Institute for the award of any degree.

(Dr. G. SRIKANTH REDDY) Associate Professor

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DEPARTMENT OF MECHANICAL ENGINEERING



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This is to certify that the project work entitled "DESIGN AND ANALYSIS OF WHEEL RIM AND DEVELOPMENT OF PROTOTYPE BY USING 3-D PRINTER" is submitted by JALUKURI RAMMURTHI, GUDA VIKAS, KANDE VINEETH, BAROOR ARVIND REDDY, GOLKONDA NITHISH YADAV in partial fulfilment of the requirement for the award of the Degree of Technology in MECHANICAL ENGINEERING from MAHAVEER INSTITUTE OF SCIENCE AND TECHNOLOGY, during the academic year 2020-2021.

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

OMr. M. ANIL

Assistant Professor Project Guide

(B. VENKATESHWAREDDY)

Professor & Head of the Department

Dr. B. NAGESWARA RAO



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BANDLAGUDA 500005, HYDERABAD, TELANGANA

Department of Mechanical Engineering

#### CERTIFICATE

This is to certify that the work embodied in this dissertation entitled "MODELING AND ASSEMBLY OF TRANSMISSION SYSTEM OF ALL TERRAIN VEHICLE" being submitted by T.BUNNY-17E31A0355, SATHYA PRASAD POOJA-17E31A0348, P.BHARGAV KUMAR-17E31A0342, POLNENTSATTEJA-17E31A0344, RUDRARAHU DETERVNKAR SARAVANA VARMA-17E31A0346, in partial fattitiment of the requirement for the award of Bachelor of Technology in Mechanical Engineering to Mahaveer Institute of Science and Technology, Bandlaguda, Hyderabad during the academic year 2020 - 2021 is a record of bonalide piece of work, undertaken by him/her the supervision of the undersigned. Approved and supervised by

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TESWAR REDDY Mr. B. VENKA

Associate Professor Head of Department



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#### CERTIFICATE

This is to compy that the project work entitled "Fabrication of Regenerative Braking System" is submitted by A. NITHIN KUMAR, M. SATHVIK REDDY, K. SURESH, SYED ABUBAKAR, T. MAHENDER in partial fulfillment of the requirement for the reward of Degree of B. Tech in MECHANICAL ENGINEERING from MAHAVEER INSTITUTE OF SCIENCE AND TECHNOLOGY, during the academic year of 2020 - 2021.

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

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This is to certify that the work embodies in this dissertation entitled 'SYNTHESIS AND CHARACTERISTICS OF NANOMATERIAL AND ITS APPLICATIONS' being submitted by 'A.SHYAM KUMAR-18E35A0302, M.MAHESH-17E31A0326, CH.MAHESH-18E35A0308, M.PRUDHVI RAJ-17E31A0327 for partial fulfillment of the requirement for the award of 'Bachelor of Technology in Mechanical Engineering' to Mahaveer Institute of Science and Technology, Bandlaguda Hyderabad during the academic year 2020-2021 is are cord of bonafide piece of work, undertaken by him the supervision of the undersigned.

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This is to certify that the project work entitled "FABRICATION OF ELECTRIC CAR, STUDY AND ANALYSIS OF POWER TRANSMISSION SYSTEM" is submitted by MOHD RAYEES,MOHAMMAD FIRASATII ALI,A.RAJA,N.SRIKANTH REDDY in partial fulfillment of the requirement for the award of the Degree of Bachelor of Technology in MECHANICAL ENGINEERING from MAHAVEER INSTITUTE OF SCIENCE AND TECHNOLOGY, during the academic year 2020-2021.

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

Mr. B. VENEATESHWAR REDDY Associate Professor Project Guide



Mr. B. VENKAFESHWAR REDDY

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Head of the Department

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#### Department of Mechanical Engineering

#### CERTIFICATE

This is to certify that the work embodies in this dissertation entitled

'FABRICATION OF ELECTRO CHEMICAL MACHINE' being submitted by 'A. HARSHITH (17E31A0301), G. ABHILASH (17E31A0311), G. VENKAT SAI (17E31A0313), K. MANIKANTA (17E31A0316), M. RAHUL (17E31A0324), for partial fulfillment of the requirement for the award of 'Bachelor of Technology in Mechanical Engineering' in Mahaveer Institute of Science and Technology Hyderabad, during the academic year 2020-2021 is our cord of bonafide piece of work, undertaken by him the supervision of the undersigned.

Approved and Supervised by D. SANTHOSH KUMAR Assistant Professor

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Mr. B. VENKATESWAR REDDY Professor & Head of the Department

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#### ECE MAJOR PROJECT(A.Y 2020-21)

| S.No                                      | Roll No    | Name of Student        | Major Project title                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-------------------------------------------|------------|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                           | 17E31A0458 | SANUGOMULA MADHU PRIYA |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 1. C. | 17E31A0459 | SHAIK HUSSAIN          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| R.                                        | 18E35A0402 | NIRATI RAJASRI         | ADVANCED DRIVER ASSISTANCE ROBOT TO AVOID                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|                                           | 18E35A0404 | SINGAM JYOTHI          | ACCIDENTS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 5                                         | 17E31A0403 | AKULA RAMYA SREE       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 5                                         | 17E31A0414 | CHERUKURI PAVITHRA     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| te.                                       | 17E31A0452 | PAVULURI NAGABHARGAV   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 1                                         | 17E31A0453 | PILLUTLA MANOJ KUMAR   | SEED SOWING ROBOT USING RASBEERY PI                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| )                                         | 17E31A0446 | MALLUGARI SATHVIKA     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 0                                         | 17E31A0450 | NAGAPURI RAHUL         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 1                                         | 17E31A0451 | NOOKALA SRIKANTH       | DESIGN AND IMPLEMENTATION OF WOMEN SAFETY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 2                                         | 17E31A0469 | VUDUTHALA AMBA BHAVANI | SYSTEM USING GPS AND GSM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 3                                         | 17E31A0406 | ARAVIND JOSHI          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 4                                         | 17E31A0407 | BANDA MOUNIKA YADAV    | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 5                                         | 17E31A0419 | DESABOINA SUMEDHA      | INNOVATIVE CONGESTION TRAFFIC CONTROL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 6                                         | 17E31A0454 | RAPELLY KALYANI        | SYSTEM FOR AMBULANCE USING RASPI                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 7                                         | 17E31A0418 | DAYYALA BALRAM         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 8                                         | 17E31A0425 | G RAKESH               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 9                                         | 17E31A0428 | GADI SATISH KUMAR      | AUTOMATIC DRIVER DROWSINESS ALERT SYSTEM BY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 0                                         | 17E31A0429 | GAMPALA RAHUL          | USING GSM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 1                                         | 17E31A0448 | MERGU GAYATHRI         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 2                                         | 17E31A0456 | SAINAD REDDY NAINI     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 13                                        | 17E31A0457 | SANDEEP KUMAR          | SMART PRE PAID ENERGY METER USING GSM WITH                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 4                                         | 17E31A0409 | BHANU PRATAP MISHRA    | RASPI                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 5                                         | 17E31A0405 | APURVA DESHPANDE       | and the second se |
| 1000                                      | 17E31A0415 | CHIPPE TEJASWI         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|                                           | 17E31A0421 | EESHWAROJU SHIRISHA    | RASPI BASED SOLAR GRASS CUTTER OPERATED USING                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 8                                         | 17E31A0430 | GIRNI RAJKUMAR         | MOBILE APP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |

| 9  | 17E31A0440   | KONAPARTHI RAMYASRI                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                            |
|----|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|
| 0  | 17E31A0441   | KONDI AKHILA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                            |
| 1  | 17E31A0444   | MADISHETTI AKASH                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | ZIGBEE BASED VEHICLE TO VEHICLE            |
| 2  | 17E31A0445   | MAHADEVIRENUKA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | COMMUNICATION USING RASPI                  |
| 3  | 17E31A0424   | G RAHUL REDDY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                            |
| 34 | 17E31A0427   | GADDAM JYOSHNA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                            |
| 15 | 17E31A0437   | KARNATI JEEVAN REDDY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | DESIGN OF SMART AND SECURE SINGLE ATM CARD |
| 36 | 17E31A0442   | KOTTE PRASHANTH                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | FOR MULTIPLE ACCOUNTS USING RASPI          |
| 37 | 17E31A0404   | ANUMULA SRAVAN KUMAR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                            |
| 38 | 17E31A0410   | BONALA MANEESHA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                            |
| 39 | 17E31A0449   | NAGAM VANDHANA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | CHILD SAFETY MANAGEMENT SYSTEM USING RF    |
| 40 | 17E31A0461   | SHIKARI SRI VIDYA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | TECHNOLOGY.                                |
| 41 | 17E31A0416   | CHIRLA AKHILA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                            |
| 42 | 17E31A0417   | DASARLA PALLY RAVALI                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                            |
| 43 | 17E31A0433   | JELLA SKAVYA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | DESIGN AND DEVELOPMENT OF HAND GLOVE       |
| 44 | 17E31A0434   | KALYANAM SHYAM SUNDER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | CONTROLLED ROBOT USING RASPI               |
| 45 | 17E31A0420   | DOMMATI VEENA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                            |
| 46 | 17E31A0422   | ERRAM ALEKHYA MUDIRAJ                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                            |
| 47 | 17E31A0435   | KANCHANI VIRAT SWAROOP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | ADVANCED FOOTSTEP POWER GENERATION SYSTEM  |
| 48 | 17E31A0436   | KARATA MEGHANA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | USING RFID FOR CHARGING                    |
| 50 | 17E31A0401   | A SRIKANTH                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                            |
| 51 | 17E31A0412   | CHALLA SAI KRISHNA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                            |
| 52 | 17E31A0423   | G RAHUL KUMAR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | MOBILE APP CONTROLLED FICK & PLACE ROBOTIC |
| 53 | 17E31A0426   | GADDALA SANJAY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | VEHICLE USING RASPI                        |
| 54 | 17E31A6439   | KODATI VAMSHI                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                            |
| 55 | 16E31A0444   | SIDDHARTHA KOLLA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                            |
| 56 | 16E31A0458   | A VIVEK REDDY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                            |
| 57 | 16M31A0420   | K MAHESH KUMAR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | SMART WHEEL CHAIR WITCH VOICE RECOGNITION  |
| 58 | 17E31A0447   | MEESA SUMITH CHANDRA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Later 1                                    |
| 59 | 17E31A0465   | VRAHUL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                            |
| 60 | 17E31A0466   | VEMULA AVINASH                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | A SMART HELMET FOR UNDERGROUND MINING      |
| 00 | 171.51/10400 | The ofference of the of | PFNC: VEER                                 |

61 17E31A0467 VERRA GNANESHWAR WORKERS 62 18E35A0401 BURRAGALLA V PREETHAM 63 18E35A0403 S.GOPI KISHAN 64 16E35A0413 Y ANJANEYULU 65 17E31A0413 CHENIMENI RAMESH HOSPITAL SANITIZING ROBOT ar Co-ordinator HOD, ECE Dept . PRINCIPAL MARAVEER MARAVEER Bandlaguca, Hyd-500 005.

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MAHAVE

#### CERTIFICATE

This is to certify that the project work entitled "Advanced driver assistance robot to avoid acidents" is submitted by

NUTITIT

| S.Madhu Priya | 17E31A0458 |
|---------------|------------|
| Hussain Shaik | 17E31A0459 |
| N.Rajasri     | 18E35A0402 |
| S.Jyothi      | 18E35A0404 |

in partial fulfillment of the requirements for the Degree of Bachelor of Technology Electronics &Communication Engineering of Mahaveer Institute of Science & Technology, Hyderabad, during the academic year 2020-21, is a bonafide record of work carried out under our guidance and supervision. The results embodied in this report have not been submitted to any other University or Institution for the awardof any degree or diploma.

Ravi Kuma

Assistant Professor Guide

K.Venkateswarlu Assistant Professor Project Coordinator



Dr.Jaspal Kumar Professor Head of Dept.



PRINCIPAL MAHAVEER INSTITUTE OF SCIENCE & TECHNOLOGY Bandlaguda, Hyd-500 005.

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Itis is to certify that

| s Madhupriya  | 17E31A0458 |
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| Hussain Shaik | 17E31A0459 |
| N.Rajasri     | 18E35A0402 |
| SJyothi       | 18E35A0404 |

CONSCIENTS

a students of MAHAVEER INSTITUITE OF SCIENCE AND TECHNOLOGY, HYDERABAD studying B.tech(E.C.E) final year along with Team Members has completed their major project with us on "ADVANCED DRIVER-ASSISTANCE ROBOT TO AVOID ACCIDENTS" the partial fulfillment of the award of "Bachelor of Technology inE.C.E" during the period of 20<sup>th</sup> APRIL 2021 to 5<sup>TII</sup> JUNE 2021.

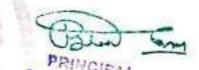
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#### For CONSCIENCE TECHNOLOGIES



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This is to certify that project work entitled "AN AUTOMATIC DRIVER DROWSINESS ALERT SYSTEM" is submitted by

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D.Sunitha

K.Venkateswarlu

Dr. Inspal

Assistant Professor

Project Guide

Project Coordinator

Assistant Professor

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**External Examiner** 



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| G.RAKESH | 17E31A0425 |
|----------|------------|
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| G.RAHUL  | 17E31A0429 |
| D.BALRAM | 17E31A0418 |

udents of MAHAVEER INSTITUITE OF SCIENCEANDTECHNOLOGY, HYDERABAD udying B. Tech (E.C.E) final year along with his Team Members has completed their mini roject with us on "AN AUTOMATIC DRIVER DROWSINESS ALERT SYSTEM" the partial ilfillment of the award of "Bachelor of Technology in E.C.E" during the period of 20th APRIL 021 to 5th JUNE 2021.

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**CV. REDDY** 

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#### CERTIFICATE

This is to certify that the project work entitled "Seed Sowing Robot Using Raspberry Pi" is submitted by

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| Ch. Pavithra   | 17E31A0414 |
| P.Naga Bhargav | 17E31A0452 |
| P. Manoj kumar | 17E31A0453 |

In partial fulfilment of the requirements for the Degree of Bachelor of Technology in Electronics & Communication Engineering of Mahaveer Institute of Science & Technology, Hyderabad, during the academic year 2020-21, is a bonafide record of work carried out under our guidance and supervision.

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

Prof.Dr.V.Gunashekhar Reddy

Professor Guide K.Venkateswarlu Assistant Professor Project Coordinator

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Dr. Jaspal Kumar Professor Head of Dept.

External Examiner

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# Certificate

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This is to certify that

A.Ramya sree17E31A0403Ch.Pavithra17E31A0414P.Nagabhargav17E31A0452P.Manoj kumar17E31A0453

are students of MAHAVEER INSTITUITE OF SCIENCE AND TECHNOLOGY, HYDERABAD studying B. Tech (E.C.E) final year has completed their major project with us on "SEED SOWING ROBOT USING RASPBERRY PI" the partial fulfillment of the award of "Bachelor of Technology in E.C.E" during the period of 26<sup>TH</sup>MARCH 2021 to 5<sup>TH</sup> JUNE 2021.

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This is to certify that the project work entitled "HOSPITAL SANITIZING FLOOR CLEANING BY USING ROBOT" is submitted by

> B.V.PREETHAM 18E35A401 S.GOPI KISHAN 18E35A0403 Y.ANJANEYULU 16E35A0413

In partial fulfillment of the requirements for the Degree of Bachelor of Technology in Electronics and Communication Engineering of Mahaveer Institute of Science and Technology, Hyderabad, during the academic year 2020-21, is a Bonafide record of work carried out under our guidance and supervision.

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Soujanya Assistant Professor Guide

K. Venkateswarlu Assistant Professor Project Cooordinator

Dr. Jaspal Kumar Professor Head of Dept.



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This is to certify that B.V. PREETHAM, S.GOPI KISHAN & Y.ANJANEYULU with roll no: 18E35A0401, 18E35A0403 & 16E35A0413 are students of MAHAVEER INSTITUITE OF SCIENCE AND TECHNOLOGY, HYDERABAD studying B.tech(E.C.E) final year along with her Team Members has completed their mini project with us on "HOSPITAL SANITIZING FLOOR CLEANING BY USING ROBOT" the partial fulfillment of the award of "Bachelor of Technology in E.C.E" during the period of 20<sup>th</sup> APRIL 2021 to 5<sup>th</sup> JUNE 2021.

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Project Manager K.V.REDDY

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ut: s3hed eco@omail.com, Website:

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This is to certify that the project work entitled "Mobile App contolled Pick & Place Robotic Vehicle using Raspi" is submittedby

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| V.Rahul         | 17E31A0465 |
| V.Avinash       | 17E31A0466 |
| V.Gnaneshwar    | 17E31A0467 |

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S.Kirpal Kour

Assistant Professor Project Guide

K. Venkateswarlu Assistant Professor Project Coordinator

Dr. Jaspal Kumar

Professor & Head of Dept.

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External Examiner

this is to certify that

| MSUMITHCHANDRA | 17E31A0447 |
|----------------|------------|
| VRAHUL         | 17E31A0465 |
| VAVINASH       | 17E31A0466 |
| V GNANESHWAR   | 17E31A0467 |

Students of MAHAVEER INSTITUITEOF SCIENCE AND TECHNOLOGY, HYDERABAD studying B.Tech (E.C.E) final year along with team members has completed their Major project with us on "SMART HELMET FOR UNDERGROUND MINING WORKERS" the partial fulfillment of the award of "Bachelor of Technology in E.C.E" during the period of 20<sup>th</sup> JANUARY 2021 to 20<sup>th</sup> FEBRUARY 2021.

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For CONSCIENCE TECHNOLOGIES Project Manager K.V.REDDY



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This is to certify that the project work entitled "Mobile App contolled Pick & Place Robotic Vehicle using Rdspi" is submitted by

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|-----------------|------------|
| Ch. Sai Krishna | 17E31A0412 |
| G. Rahul Kumar  | 17E31A0423 |
| G. Sanjay       | 17E31A0426 |

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Assistant Professor Project Guide

K. Venkateswarlu Assistant Professor Project Coordinator

Dr. Jaspal Kumar Professor & Head of Dept,

External Examiner

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A RIGHT PLATFORM FOR ALL ENDINEERS

This is to certify thatA. SRIKANTH17E31A0401CH. SAI KRISHNA17E31A0412G. RAHUL KUMAR17E31A0423G. SANJAY17E31A0426

are students of MAHAVEER INSTITUITE OF SCIENCE AND TECHNOLOGY, HYDERABAD studying B.Tech (E.C.E) final year along with team members has completed their Major project with us on "MOBILE APP CONTROLLED PICK & PLACE ROBOTIC VEHICLE USING RASPI" the partial fulfillment of the award of "Bachelor of Technology in E.C.E" during the period of 20<sup>th</sup> MAY 2021 to 20<sup>th</sup> JUNE 2021.

For CONSCIENCE TECHNOLOGIES

Project Manager K.V.REDDY

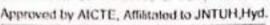
PRINCIPAL MAHAVEER INSTITUTE OF SOFACE & PERMINE

Address p17-83/2C, 3rd Floor, Opp. Bank of Misharacht Annaporna Fuchction Hall Line, Dilsukhnagar, Hyderadad S00050 2 : 040-6012 1199

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DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING II Vyasapuri, Bandlaguda Post: Koshavgiri, A Hyderabad-500 005, TS INDIA Tel: 040-20020772,20020773, Fax: 040-24455005 E-mail: <u>e3hod.ece60qmail.com</u>. Website: www.mist.ac.in







CERTIFICATE.

This is to certify that the project work entitled "Advanced Footstep Power Generation System using RFID for Charging" is submitted by

| D. Veena         | 17E31A0420 |
|------------------|------------|
| E. Alekhya       | 17E31A0422 |
| K. Virat Swaroop | 17E31A0435 |
| K. Meghana       | 17E31A0436 |
| K. Shivani       | 17E31A0438 |

In partial fulfilment of the requirements for the Degree of Bachelor of Technology in Electronics & Communication Engineering of Mahaveer Institute of Science & Technology, Hyderabad, during the academic year 2020-21, is a bonafide record of work carried out under our guidance and supervision.

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

K.Venkateswarlu Assistant Professor

Guide

K.Venkateswarlu Assistant Professor Project Coordinator

Dr. Jaspal Kumar Professor Head of Dept.





PRINCIPAL MAINAVEER INSTITUTE OF SCIENCE & TECHNOLOST Bendlaguda, Hyd-500 COS.



This is to certify that

D. VEENA 17E31A0420 E. ALEKHYA 17E31A0422 K. VIRAT SWAROOP 17E31A0435 K. MEGHANA 17E31A0436 K. SHIVANI 17E31A0438

are students of MAHAVEER INSTITUTE OF SCIENCE & TECHNOLOGY, HYDERABAD Studying B. Tech (E.C.E) final year has completed their major project with us on "Advanced footstep power generation system using RFID for charging" the partial fulfilment of the award of "Bachelor of Technology in E.C.E" during the period of 20th APRIL 2021 to 5th JUNE 2021.

CONSCIENCE TECHNOLOGIES

**Project Manager** 

K.V. REDDY

MARAN ELR INSTITUTE OF SCIENCE & RECEINDLOST Bandlaguda, Hyd-500 005.

PROVICIPAL

DEPARTMENT OF ELECTRONS & COMMUNICATION ENGINERING Vyasapuri, Bandlaguda, post: Keshavgiri, Hyderabad-500005, TS, IND1A Tel:040-20020772,20020773, Fax: 040-24455003 Email:e3hod.ece@gmail.Com, Website:www.mist.ac.in,



#### CERTIFICATE

This is to certify that project work entitled "Design and Development of Hand Glove Controlled Robot Using Raspberrypi "is submitted by

| CH.AKHILA          | 17E31A0416 |
|--------------------|------------|
| D.RAVALI           | 17E31A0417 |
| J.SRAVYA           | 17E31A0433 |
| K.SHYAM SUNDER RAO | 17E31A0434 |

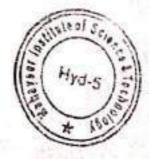
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CH.Sundeep Kumar Assistant Professor Project Guide

K.Venkateswarlu Assistant Professor Project Coordinator

Dr.Jaspal Kumar Professor Head of Dept.



PRINCIPAL External Examiner MAHAMEER 2021 INSTITUTE OF SCIENCE & TECHNOLOGI Bandlaguda, Hyd-500 005.

## Certificate

This is to certify that

CH\_AKHILA 17E31A0416 D.RAVALI 17E31A0417

CURDUILING

J.SRAVYA 17E31A0433

KSHYAMSUNDERRAO 17E31A0434

Students of MAHAVEER INSTITUITE OF SCIENCE AND TECHNOLOGY, HYDERABAL studying B.Tech (E.C.E) final year along with Team Members has completed their major project with us or "DESIGN AND DEVELOPMENT OF HAND GLOVE CONTROLLED USING RASPBERRYPI" the partia fulfillment of the award of "Bachelor of Technology in E.C.E" during the period of 20<sup>th</sup> APRIL 2021 to 5<sup>st</sup> JUNE 2021.

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For CONSCIENCE TECHNOLOGIES Project Manager K.V.REDDY PRINCIPAL MAHAVEER WISTITUTE OF SCIENCE & TECHNOLOGY Banglagurla, Hyd-500 005. 17 53/2C 3rd Floor, Dro. Bans of Maharer 11 2 Arrapy na Function Hall Libb Disabination, Historical Station moskiejskiewiszterkasterie com R -040-6012 1199

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING Vysapuri, Bandlaguda Post: Keshavgiri, Hyderabad-500 005, TS INDIA Tel:040-20020772,20020773,Fax:040-24455003 E-mail: e3hod.ece@smail.com. Website: www.mist.ac.in,



#### CERTIFICATE

This is to certify that the project work entitled "Child Safety Management System Using RF Technology" is submitted by

 A. Sravan Kumar
 17E31A0404

 B. Maneesha
 17E31A0410

 N. Vandhana
 17E31A0449

 S. Sri Vidya
 17E31A0461

In partial fulfilment of the requirements for the Degree of Bachelor of Technology in Electronics & Communication Engineering of Mahaveer Institute of Science & Technology, Hyderabad, during the academic year 2020-21, is a bonafide record of work carried out under our guidance and supervision.

The results embedded in this report have not been submitted to any other University or Institution for the award of any degree or diploma.

Ri

R. Priyanka Assistant Professor Guide

K. Venkateswarlu Assistant Professor Project Coordinator

Dr. Jaspal Kumar Professor Head of Dept.



External Examiner

PRINCIPAL MAILAVEER INSTITUTE OF SCHALE & TECHNOLOGY Bandlaguda, Hyd-Sco 005.

# Certificate

CONSCIENCE TECHNOLOGIES

LL ENGINEENS

| This is to certify that |            |
|-------------------------|------------|
| A. Sravan Kumar         | 17E31A0404 |
| 3. Maneesha             | 17E31A0410 |
| N. Vandhana             | 17E31A0449 |
| s. Sri Vidya            | 17E31A0461 |
|                         |            |

are students of MAHAVEER INSTITUITE OF SCIENCE AND TECHNOLOGY, IVDERABAD studying B. Tech (E.C.E) final year has completed their major project with us on CHILD SAFETY MANAGEMENT SYSTEM USING RF TECHNOLOGY" the partial fulfillment of te sward of "Bachelor of Technology in E.C.E" during the period of 26TBMARCH 2021 to 5TH JUNE 021.

**ONSCIENCE TECHNOLOGIES** vject Manager V. REDDY n17-83/2C, 3rd Floor, Opp. Dan Annia putna Kochction, Patier ion 3rd Floor, Opp. Dank of Maharashtra, Dilsukbriagar, Hy PRIFACE & LECRHOLDEA

Bandlaguda, Hyd-500 005.

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING Vysapuri, BandlagudaPost:Keshavgiri, lyderabad-500 005, TS INDIA el: 040-20020772,20020773, Fax: 040-24455003 i-mail: e3hod.ece@gmail.com, Vebsite: www.mist.ac.in,





### CERTIFICATE

This is to certify that the project work entitled "Designing of Smart And Secure Single ATM Card For Multiple Bank Accounts" is submittedby

| G.Rahul Reddy        | 17E31A0424 |
|----------------------|------------|
| G.Jyoshna            | 17E31A0427 |
| Jeevan Reddy Karnati | 17E31A0437 |
| Kotte Prashanth      | 17E31A0442 |

In partial fulfillment of the requirements for the Degree of Bachelor of Technology in Electronics & Communication Engineering of Mahaveer Institute of Science & Technology, Hyderabad, during the academic year 2020-21, is a bonafide record of work carried out under our guidance and supervision. The results embodied in this report have not been submitted to any other university or Institution for the award of any degree or diploma.

K.Archana Assistant Professor Project Guide

K.Venkateswarlu Assistant Professor Project Coordinator

External Examiner

Dr. Jaspal Kumar Professor & Head of the Dept.

PRINCIPAL MAHAVEER INSTITUTE OF SCIEKCE & TECHNOLOGY Bandlaguda, Hyd-500 005.

OIES

CONSCIENCE

phis is to certify that GRAHUL REDDY 17E31A0424 GJYOSHNA 17E31A0427 JEEVAN REDDY KARNATI 17E31A0437 KOTTE PRASHANTH 17E31A0442

## Students of MAHAVEER INSTITUITE OF SCIENCE AND TECHNOLOGY, HYDERABAD

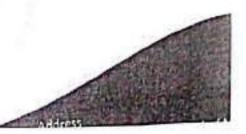
studying B.Tech (E.C.E) final year along with team members has completed their Major project with uson "DESIGNING OF SMART AND SECURE SINGLE ATM CARD FOR MULTIPLE BANK ACCOUNTS" the partial fulfillment of the award of "Bachelor of Technology in E.C.E" during the period of 20<sup>th</sup>APRIL 2021 to 5<sup>th</sup>JUNE 2021.

#### For CONSCIENCE TECHNOLOGIES

Project Manager

K.V.REDDY

PRINCIPAL MAHAVEER INSTITUTE OF SCHARE & TECHNOLOGY Bandlaguda, Hyd-500 005.



DEPARTMENT OFELECTRONICS & COMMUNICATION ENGINEERING Vysapuri, Bandlagada PostiKeshavgiri, Hyderabad-500 005, TS INDIA Tel: 040-20020772,20020773, Fax: 04024455003 E-mail: <u>e3hod.ecc@gmnil.com</u>, Website: www.mist.nc.in,



#### **CERTIFICATE**

This is to certify that project work entitled "Zighee based Vehicle to Vehicle Communication using Raspberrypi" is submitted by

| K. Ramya Sri     | 171.31A0440 |
|------------------|-------------|
| K. Akhila        | 17E31A0441  |
| M. Akash Chandra | 17E31A0444  |
| M. Renuka        | 17E31A0445  |

In partial fulfilment of the requirements for the Degree of Bachelor of technology in Electronics and Communications Engineering of Mahaveer institute of science and technology, Hyderabad, during the academic year 2020-2021, is a Bonafide record of work carried out under our guidance and supervision.

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Mr. G.

Assistant Professor Project Guide Dept. of ECE

Mr. K. Venkateswarlu Assistant Professor Project Coordinator Dept. of ECE

Dr. Jaspal Kumar Professor Head of Dept. ECE



External Examiner

PRINCIPAL M.A. HAVEER INSTITUTE OF A CONTROL & TECHNOLOGY Bandlaguda, Hyu-Seo oos.

This is to certify that,

CONSCIEN

| K. Ramya Sri     | 171:31 A0440 |
|------------------|--------------|
| K. Akhila        | 17E31A0441   |
| M. Akash Chandra | 17E31A0444   |
| M. Renuka        | 17E31A0445   |

Students of MAHAVEER INSTITUTE OF SCIENCE AND TECHNOLOGY, HYDERABAD studying B. Tech (E.C.E) final year along with Team Members has completed their major project with us on "Zigbee based Vehicle-to-Vehicle communication using Raspberrypi" the partial fulfillment of the award of "Bachelor of Technology in E.C.E" during the period of 20th APRIL 2021 to 5TH JUNE 2021.

#### For CONSCIENCE TECHNOLOGIES

Project Manager K.V. REDDY

PRINCIPAL MAILACVEER INSTITUTE OF SCIENCE & TECHNOLOGY Bandlaguda, Hyd-500 005.

k of Maharashtr

RTMENT OF ELECTRONICS & IUNICATION ENGINEERING

ouri, Bandlaguda Post:Keshavgiri, abad-500 005, TS INDIA 10-20020772,20020773, Fax: 040-24455003 1: c3hod.cce@omail.com. ite: www.mist.ac.in,



CERTIFICATE

This is to certify that the project work entitled "Raspberry Pi based Solar grass cutter robot operated using Mobile App" is submitted by

| Apurva Deshpande | 171:31A0405 |
|------------------|-------------|
| C.Tejaswi        | 17E31A0415  |
| E.Shirisha       | 17E31A0421  |
| G.Rajkumar       | 17E31A0430  |

In partial fulfilment of the requirements for the Degree of Bachelor of Technology in Electronics & Communication Engineering of Mahaveer Institute of Science & Technology, Hyderabad, during the academic year 2020-21, is a bonafide record of work carried out under our guidance and supervision.

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Assistant Professor Guide

K.Venkateswarlu Assistant Professor

Project Coordinator

Dr. Jaspal Kumar Professor Head of Dept.



External Examiner

PRINCIPAL MAHAYEER INSTITUTE OF SCIERCE & TECHNOLOGI Bandlaguda, Hyd-500 005.

## Certificate

CONSCIENCE TECHNOLOGIES

this is to certify that

| Aparva Deshpande | 17E31A0405 |
|------------------|------------|
| C.Tejaswi        | 17E31A0415 |
| E.Shirisha       | 17E31A0421 |
| G.Rajkumar       | 17E31A0430 |

Statents of MAHAVEER INSTITUTTE OF SCIENCE & TECHNOLOGY, HYDERABAD studying B. Tech (E.C.E) final year have completed their major project with us on "RASPBERRY PI BASED SOLAR GRASS CUTTER ROBOT OPERATED USING MOBILE APP" the partial fulfillment of the award of "Bachelor of Technology in E.C.E." during the period of 20<sup>th</sup> APRIL 2021 to 5<sup>th</sup> JUNE 2021.

For CONSCIENCE TECHNOLOGIES

Project Manager

K.V. REDDY

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STITUTE OF SCIE

)EPARTMENT OF ELECTRONICS & ;OMMUNICATIONENGINEERING

/ysapuri, Bandlaguda Post:Keshavgiri, yderabad-500 005, TS INDIA al: 040-20020772,20020773, Fax: 040-24455003 mail: <u>e3hod.ece@umail.com</u>. febsite: www.mist.ac.In,



#### CERTIFICATE

This is to certify that the project work entitled " smart wheel chair with voice recognition" is submitted by

| Siddhartha Kolla | 16E31A0444 |  |
|------------------|------------|--|
| Mahesh Kumar     | 16E31A0420 |  |
| Vamshi           | 17E31A0439 |  |
| Vivek Reddy      | 16E31A0458 |  |

In partial fulfilment of the requirements for the Degree of Bachelor of Technology in Electronics & Communication Engineering of Mahaveer Institute of Science & Technology, Hyderabad, during the academic year 2020-21, is a bonafide record of work carried out under our guidance and supervision.

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M. Devarajd Associate Professor Guide

K. Venkateswarlu Assistant Professor Project Coordinator

Dr. Jaspal Kumar Professor Head of the Dept.



PRINCIPAL External Examiner M/ VEER Institute of science & technology II Bandlaguda, Hyd-500 cos. II COMMUNICATION ENGINEERING



CONSCIENCE TECHNOLOGIES

<u>Certificate</u>

This is to certify that

K.MAHESH KUMAR SIDDHARTHA KOLLA A. VIVEK REDDY K.VAMSHI

I6M31A0420

16E31A0444

16E31A0458

17E31A0439

Students of MAHAVEER INSTITUTE OF SCIENCE AND TECHNOLOGY, HYDERABAD. Studying B.Tech(E.C.E) final year have completed their Major project With us on "SMART WHEEL CHAIR WITH VOICE RECOGNITION" the partial fulfillment of the award of "BACHELOR OF TECHNOLOGY in E.C.E" during the period of 20<sup>th</sup> APRIL 2021 to 5<sup>th</sup> JUNE 2021.

For CONSCIENCE TECHNOLOGIES



PRINCIPAL MAHAVEER Institute of Science & Homology Bandlaguda, Hyd-500 005.

Bank of Maharastera

IRTMENT OF ELECTRONICS & MUNICATION ENGINEERING puri, Bandlaguda Post:Keshavgirl, abad-500 005, TS INDIA 10-20020772,20020773,,Fax: 040-24455003 1: e3hod.ece@omail.com. ite: www.mist.ac.in,



#### CERTIFICATE.

This is to certify that the project work entitled "Innovative Congestion Traffic Control for Ambulance using RASPI" is submitted by

| Aravind Joshi    | 17E31A0406 |
|------------------|------------|
| B. Mounika Yadav | 17E31A0407 |
| D. Sumedha       | 17E31A0419 |
| R. Kalyani       | 17E31A0454 |

In partial fulfilment of the requirements for the Degree of Bachelor of Technology in Electronics & Communication Engineering of Mahaveer Institute of Science & Technology, Hyderabad, during the academic year 2020-21, is a bonafide record of work carried out under our guidance and supervision.

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K.Venkateswarlu Assistant Professor Project Coordinator

Dr. Jaspal Kumar Professor Head of Dept. & Guide

External Examiner

PRINCIPAL MA. HAVEER Institute of Science & Technology Bandlaguda, Hyd-500 005.





This is to certify that

| ARAVIND JOSHI    | 17E31A0406 |
|------------------|------------|
| B. MOUNIKA YADAV | 17E31A0407 |
| D. SUMEDHA       | 17E31A0419 |
| R. KALYANI       | 17E31A0454 |

Students of MAHAVEER INSTITUITE OF SCIENCE AND TECHNOLOGY, HYDERABAD studying B. Tech (E.C.E) final year have completed their major project with us on "INNOVATIVE CONGESTION TRAFFIC CONTROL SYSTEM FOR AMBULANCE USING RASPI" the partial fulfillment of the award of "BACHELOR OF TECHNOLOGY in E.C.E" during the period of 20<sup>th</sup> APRIL 2021 to 5<sup>th</sup> JUNE 2021.

For CONSCIENCE TECHNOLOGIES

Project Manager

K.V. REDDY

PRINCIPAL MANAYEER INSTITUTE OF SOLENCE & TECHNOLOGY Bandlaguda, Hyd-SOO 005.

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#### CERTIFICATE

This is to certify that the project work entitled "SMART PRE-PAID ENERGY METER USING

GSM" is submitted by

| Bhanu Pratap Mishra | 17E31A0409 |
|---------------------|------------|
| Gayathri Mergu      | 17E31A0448 |
| Sainad Reddy Naini  | 17E31A0456 |
| H.Sandeep Kumar     | 17E31A0457 |

In partial fulfilment of the requirements for the Degree of Bachelor of Technology in Electronics & Communication Engineering of Mahaveer Institute of Science & Technology, Hyderabad, during the academic year 2020-21, is a bonafide record of work carried out under our guidance and supervision.

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Assistant Professor Project Guide

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K. Venkateswarlu

Assistant Professor

Project Coordinator

Dr. Jaspal Kumar Professor Head of Dept.

External Examiner

PRINCIPAL MAHAVEER INSTITUTE OF SCIENCE & TECHNOLOGI Bandleguda, Hyd-Soo oos.



## CERTIFICATE

This is to certify that

| BHANU PRATAP MISHRA | 17E31A0409 |
|---------------------|------------|
| GAYATHRI MERGU      | 17E31A0448 |
| SAINAD REDDY NAINI  | 17E31A0456 |
| SANDEEP KUMAR.H     | 17E31A0457 |

CONSCIENCE

Students of MAHAVEER INSTITUITE OF SCIENCE AND TECHNOLOGY, HYDERABAD studying B. Tech (E.C.E) final year have completed their major project with us on "SMART PRE-PAID ENERGY METER USING GSM" the partial fulfilment of the award of "BACHELOR OF TECHNOLOGY in E.C.E" during the period of 20<sup>th</sup> APRIL 2021 to 5<sup>th</sup> JUNE 2021.

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ENGINEERD

For CONSCIENCE TECHNOLOGIES

Project Manager

K.V. REDDY

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PRINCIPAL MANAVEER INSTITUTE OF SCIENCE & REGISTOLOGY Bandlaguda, Hyd-500 005.

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Approved by AICTE, Affiliated to JNTUH Hyd

## CERTIFICATE

This is to certify that the project work entitled "WOMEN SAFETY SYSTEM USING GPS AND GSM" is submitted by

| M. Sathvika     | 17E31A0446 |
|-----------------|------------|
| N. Rahul        | 17E31A0450 |
| N. Srikanth     | 17E31A0451 |
| V. Amba Bhavani | 17E31A0469 |

In partial fulfilment of the requirements for the Degree of Bachelor of Technology in Electronics & Communication Engineering of Mahaveer Institute of Science & Technology, Hyderabad, during the academic year 2020-21, is a bonafide record of work carried out under our guidance and supervision.

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Assistant Professor

Guide

40

K, Venkateswarlu Assistant Professor Project Coordinator

PRINCIPAL MAHAVEER INSTITUTE OF SCIENCE & TECHNOLOCY Bandlaguda, Hyd-500 005



Dr. Jaspal Kumar Professor Head of Dept.



CONSCIENCE TECHNOLOGIES

## CERTIFICATE

This is to certify that,M.Sathvika17E31A0446N.Rahul17E31A0450N.Srikanth Yadav17E31A0451V. Amba Bhavani17E31A0469

Students of MAHAVEER INSTITUTE OF SCIENCE AND TECHNOLOGY, HYDERABAD studying B. Tech (E.C.E) final year along with Team Members has completed their major project with us on "Women Safety System using GPS and GSM" the partial fulfillment of the award of "Bachelor of Technology in E.C.E" during the period of 20th APRIL 2021 to 5TH JUNE 2021.

For CONSCIENCE TECHNOLOGIES

Project Manager K.V. REDDY

## ARTMENT DELECTRONICS & IMUNICATION ENGINEERING

iuri, Bandlaguda Post:Koshavgiri, Hydorabad-5, TS INDIA

0-20020772,20020773, Fax: 040-24455003

: c3hod.ccc@gmall.com, Website: hist.ac.in,



#### CERTIFICATE

This is to certify that the project work entitled "Mobile App contolled Pick & Place Robotic Vehicle using Raspi" is submittedby

| M.SumithChandra | 17E31A0447 |
|-----------------|------------|
| V.Rahul         | 17E31A0465 |
| V.Avinash       | 17E31A0466 |
| V.Gnaneshwar    | 17E31A0467 |

In partial fulfillment of the requirements for the Degree of Bachelor of Technology in Electronics & Communication Engineering of Mahaveer Institute of Science & Technology, Hyderabad, during the academic year 2020-21, is a bonafide record of work carried out under our guidance and supervision.

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S.Kirpal Kour Assistant Professor Project Guide

K. Venkateswarlu Assistant Professor Project Coordinator

PRINCIPAL MANASUFTO STUTICI UNIC BANINGSON, MANASU Dr. Jaspal Kumar Professor & Head of Dept.



External Examiner

# CERTIFICATE

this is to certify that

| M.SUMITHCHANDRA | 17E31A0447 |
|-----------------|------------|
| V.RAHUL         | 17E31A0465 |
| V.AVINASH       | 17E31A0466 |
| V.GNANESHWAR    | 17E31A0467 |

Students of MAHAVEER INSTITUITEOF SCIENCE AND TECHNOLOGY, HYDERABAD studying B.Tech (E.C.E) final year along with team members has completed their Major project with us on "SMART HELMET FOR UNDERGROUND MINING WORKERS" the partial fulfillment of the award of "Bachelor of Technology in E.C.E" during the period of 20<sup>th</sup> JANUARY 2021 to 20<sup>th</sup> FEBRUARY 2021.

For CONSCIENCE TECHNOLOGIES Project Manager K.V.REDDY







## CONSCIENCE TECHNOLOGIES

#### A RIGHT PLATFORM FOR ALL ENGINEERS ....

## CERTIFICATE

This is to certify that

| BHANU PRATAP MISHRA | 17E31A0409 |
|---------------------|------------|
| GAYATHRI MERGU      | 17E31A0448 |
| SAINAD REDDY NAINI  | 17E31A0456 |
| SANDEEP KUMAR.H     | 17E31A0457 |

Students of MAHAVEER INSTITUITE OF SCIENCE AND TECHNOLOGY, HYDERABAD studying B. Tech (E.C.E) final year have completed their major project with us on "SMART PRE-PAID ENERGY METER USING GSM" the partial fulfilment of the award of "BACHELOR OF TECHNOLOGY in E.C.E" during the period of 20<sup>th</sup> APRIL 2021 to 5<sup>th</sup> JUNE 2021.

For CONSCIENCE TECHNOLOGIES

Project Manager

K.V. REDDY

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## ARTMENT OELECTRONICS & MUNICATION ENGINEERING

uri, Bandlaguda Post:Keshavgiri, Hyderabad-5, TS INDIA

0-20020772,20020773, Fax: 040-24455003

: e3hod.ccc@amail.com, Website: nist.ac.in,



## CERTIFICATE

This is to certify that the project work entitled "Mobile App contolled Pick & Place Robotic Vehicle using Raspi" is submittedby

| M.SumithChandra | 17E31A0447 |
|-----------------|------------|
| V.Rahul         | 17E31A0465 |
| V.Avinash       | 17E31A0466 |
| V.Gnaneshwar    | 17E31A0467 |

In partial fulfillment of the requirements for the Degree of Bachelor of Technology in Electronics&Communication Engineering of Mahaveer Institute of Science & Technology, Hyderabad, during the academic year 2020-21, is a bonafide record of work carried out under our guidance and supervision.

The results embodied in this report have not been submitted to any other university or Institution for the award of any degree or diploma.

S.Kirpal Kour

Assistant Professor

Project Guide

K. Venkateswarlu Assistant Professor

Project Coordinator

Dr. Jaspal Kumar Professor & Head of Dept.



External Examiner

## CONSCIENCE TECHNOLOGIES

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## CERTIFICATE

This is to certify that

| ARAVIND JOSHI    | 17E31A0406 |
|------------------|------------|
| B. MOUNIKA YADAV | 17E31A0407 |
| D. SUMEDHA       | 17E31A0419 |
| R. KALYANI       | 17E31A0454 |

Students of MAHAVEER INSTITUITE OF SCIENCE AND TECHNOLOGY, HYDERABAD studying B. Tech (E.C.E) final year have completed their major project with us on "INNOVATIVE CONGESTION TRAFFIC CONTROL SYSTEM FOR AMBULANCE USING RASPI" the partial fulfillment of the award of "BACHELOR OF TECHNOLOGY in E.C.E" during the period of 20<sup>th</sup> APRIL 2021 to 5<sup>th</sup> JUNE 2021.

For CONSCIENCE TECHNOLOGIES

Project Manager

K.V. REDDY

ww.consciencetechnologies.com o@consciencetechnologies.com Address #17-83/2C, 3rd Floor, Opp. Bank of Maharashtra, Annapurna Fucriction Hall Line, Dilsukhnagar, Hyderabad-500060. 2 : 040-6012 1199

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#### CERTIFICATE

This is to certify that the industry oriented mini project report entitled "WEBCAM MOTION DETECTION AND ALERTING SYSTEM" which is being submitted by B. Varun Kumar [17E31A0502], Ch. Mahesh [17E31A0507] and Md. Ismail [17E31A0533] in partial fulfillment for the award of the Degree of BACHELOR OF TECHNOLOGY in COMPUTER SCIENCE AND ENGINEERING of JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY is a record of the bonafide work carried out by them under our guidance and supervision.

Mr. Naveen Kumar Assitant.Professor

Prof. R. NAKKEERAN, M.E., Ph.D., Professor & Head of the department

nal Examiner

PRINCIPAL MAHAVEER INSTITUTE OF SCIENCE & TECHNOLOGY Bandlaguda, Hyd-500 005. Dr. B. NAGESWARA RAO



(Affiliated to JNTU Hyderabad, Approved by AICTE) Vyasapuri, Bandlaguda, Post: Keshavgiri, Hyderabad-500005



## CERTIFICATE

This is to certify that the major project work report entitled "Data Science Process Pipeline To Solve Employee Attrition Problem Using AI" which is being submitted by B Supriya [17E31A0504], Geethika C [17E31A0515], in partial fulfilment for the award of the Degree of BACHELOR OF TECHNOLOGY in COMPUTER SCIENCE & ENGINEERING of JAWAHARLAL NEHRU

TECHNOLOGICAL UNIVERSITY, is a record of the bonafide work carried out by them under our guidance and supervision.

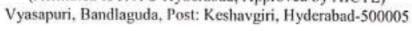
Mr. B Seva Naik Associate. Professor

Dr. R. Nakkeeran, M. E, Ph.D, Professor and Head

External Examiner



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#### CERTIFICATE

This is to certify that the major project work report entitled "DETECTING PHISING ATTACKS USING NATURAL LANGUAGE PROCESSING AND MACHINE LEARNING" which is being submitted by Chelloju Anusha [17E31A0508], Lone Harish [17E31A0528] in partial fulfillment for the award of the Degree of BACHELOR OF TECHNOLOGY in COMPUTER SCIENCE & ENGINEERING of JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, Hyderabad is a record of the bonafide work carried out by them under our guidance and supervision.

Mr. PABBOJU RAMESH

Dr. R. NAKKEERAN, M. E, Ph.D,

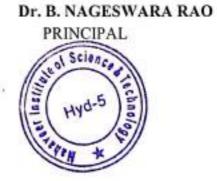
Professor & Head of the department

Professor

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External Examiner

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CERTIFICATE



This is to certify that the major project work report entitled "CROP PREDICTION USING MACHINE LEARNING" which is being submitted by Kasula Vishaka [17E31A0521], Chenchu Harish [17E31A0509], in partial fulfilment for the award of the degree of BACHELOR OF TECHNOLOGY in COMPUTER SCIENCE & ENGINEERING of JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, is a record of bonafide word carried out by them under our guidance and supervision.

Mr. M. Sreenivas Reddy

M

Dr. R. Nakkeran, M.E, Ph.D.

Professor & Head

Assistant Professor

External Examiner

Dr agesw

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### CERTIFICATE

This is to certify that the major project work report entitled "FAKE REVIEW ANALYSIS USING MACHINE LEARNING" which is being submitted by K AKHILESH [17E31A0525], D GANESH [17E31A0510], in partial fulfilment for the award of the Degree of BACHELOR OF TECHNOLOGY in COMPUTER SCIENCE & ENGINEERING of JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, is a record of the bonafide work carried out by them under our guidance and supervision.

Mr.B.Sevanaik sir

Associate.Professor.

External Examiner

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Dr. R. Nakkeeran, M. E, Ph.D

Professor and Head Laha. B. Nageswara Rao \$ 8005 PRINCIPAL

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#### CERTIFICATE

This is to certify that the industry oriented mini project report entitled "AI DESKTOP VOICE ASSISTANT" which is being submitted by Gurram Mani Rupak [17E31A0516] and Shaik Bhasha [17E31A0542] in partial fulfillment for the award of the Degree of BACHELOR OF TECHNOLOGY in COMPUTER SCIENCE AND ENGINEERING of JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY is a record of the bonafide work carried out by them under our guidance and supervision.

Mr. K.Sudha

Asstant.Professor

Prof. R. NAKKEERAN, M.E., Ph.D., Professor & Head of the department

**External Examiner** 

Dr. B. NAGESWARA RAO PRINCIPAL

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#### CERTIFICATE

This is to certify that the major project work report entitled "SOFTWARE FAULT DETECTION USING MACHINE LEARNING" which is being submitted by Husna Hiba [17E31A0517] and Ruqsar Riyaz [17E31A0540] in partial fulfilment for the award of the degree of BACHELOR OF TECHNOLOGY in COMPUTER SCIENCE & ENGINEERING of JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, is a

record of Bonafide word carried out by them under our guidance and supervision.

Mrs. M. SWAPNA

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External Examiner

Dr. B. NAGESHWARA RAO

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## CERTIFICATE

This is to certify that the major project work report entitled "Moving object detection in complex scene using spatiotemporal structured-sparse RPCA" which is being submitted by Kankati Aravind[17E31A0520], Teppala Akshay Kumar[17M31A0564], in partial fulfilment for the award of the Degree of BACHELOR OF TECHNOLOGY in COMPUTER SCIENCE & ENGINEERING of JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, is a record of the bonafide work carried out by them under our guidance and supervision.

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## CERTIFICATE

This is to certify that the major project work report entitled "IMAGE QUALITY ASSESSMENT FOR FAKE BIOMETRIC DETECTION: APPLICATION TO IRIS, FINGERPRINT, AND FACE RECOGNITION" which is being submitted by Koppula Anushri [17E31A0523], Thukkani Shreya [17E31A0548], in partial fulfilment for the award of the Degree of BACHELOR OF TECHNOLOGY in COMPUTER SCIENCE & ENGINEERING of JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, is a record of the bona fide work carried out by them under our guidance and supervision.

Mrs. J. Madhavi Assistant. Professor.

External Examiner

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## CERTIFICATE

This is to certify that the major project work report entitled "Sentiment Analysis of Comment Text Based on Cnn-Bilstm" which is being submitted by Peddolla Anand Reddy [17E31A0537], Tangutoori Srikanth [17E31A0544], in partial fulfilment for the award of the Degree of BACHELOR OF TECHNOLOGY in COMPUTER SCIENCE & ENGINEERING of JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, is a record of the bona fide work carried out by them under our guidance and supervision.

Mr. Muneer Ahmed

Assistant Professor.

Dr. R. Nakkeeran, M. E, Ph.D. Professor & Head of the Department

**External Examiner** 

Dr .B. Nageswara Rao

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## CERTIFICATE

This is to certify that the major project work report entitled "Cyber Money Laundering Detection Using Machine Learning" which is being submitted by Ashish Kumar [17M31A0508], Adla Rishika [17M31A0502], in partial fulfilment for the award of the Degree of BACHELOR OF TECHNOLOGY in COMPUTER SCIENCE & ENGINEERING of JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, is a record of the bona fide work carried out by them under our guidance and supervision.

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Assistant. Professor.

External Examiner

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Dr. B. Nageswara Rao

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### CERTIFICATE

This is to certify that the major project work report entitled "CHILD SAFTEY AND TRACKING MANAGEMENT SYSTEM" which is being submitted by Sakali Jhansi [17UR1A0516], Vishaka Sharma [17UR1A0518], in partial fulfillment for the award of the Degree of BACHELOR OF TECHNOLOGY in COMPUTER SCIENCE & ENGINEERING of JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, is a record of the bona fide work carried out by them under our guidance and supervision.

Mr. M. Sreenivas Reddy

Assistant Professor

External Examiner

Dr. R. Nakkeeran, ME, Ph.D., Professor and Head



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#### CERTIFICATE

This is to certify that the major project work report entitled "Review on Prediction System for Bank Loan Credibility" which is being submitted by A. Shirisha [17E31A0501], T. Murali Krishna[17E31A0547] in partial fulfilment for the award of the Degree of BCHELOR OF TECHNOLOGY in COMPUTER SCIENCE & ENGINEERING of JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, is a record of the bona fide work carried out by them under our guidance and supervision.

Mrs. G. Manasa

Assistant.Professor.

External Examiner

Dr. R. Nakkeeran, M. E, Ph.D.

Professor and Head



INSTITUTE OF SCIENCE & TECHNOLOGY Bandleguda, Hyd-500 005.

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#### CERTIFICATE

This is to certify that the major project work report entitled "FINDING BEST RESTAURANTS IN HYDERABAD USING ZOMATO DATASET" which is being submitted by Gattu Harika [17E31A0512], Maddi Maibu[17E31A0530] in partial fulfilment for the award of the Degree of BACHELOR OF TECHNOLOGY in COMPUTER SCIENCE & ENGINEERING of JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, is a record of the bona fide work carried out by them under our guidance and supervision.

Mr. M. Srinivas Reddy Assistant.Professor.

Dr. R. Nakkeeran, M. E, Ph.D, Professor and Head

External Examiner

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(Affiliated to JNTU Hyderabad, Approved by AICTE) Vyasapuri, Bandlaguda, Post: Keshavgiri, Hyderabad-500005



#### CERTIFICATE

This is to certify that the mini project work report entitle "DRIVER DROWSINESS DETECTION SYSTEM" which is being submitted by Ganechary Shreya [17E31A0514] and Saikella Manasa [17E31A0541], in partial fulfilment for the award of the degree of BACHELOR OF TECHNOLOGY in COMPUTER SCIENCE & ENGINEERING of JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, is a record of Bonafide word carried out by them under our guidance and supervision.

Mrs. G. Sowjanya

Assistant Professor.

Dr. R. Nakkeeran, M.E.Ph.D.

Head of the Depatment

**External Examiner** 

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#### 2020-2021

## MAHAVEER INSTITUTE OF SCIENCE & TECHNOLOGY

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#### CERTIFICATE

This is to certify that the major project work report entitled "STARTUP GROWTH PREDICTION USING MACHINE LEARNING" which is being submitted by Janumpally Gayathri Reddy[17E31A0519], R.Rekha[17E31A0539], in partial fulfilment for the award of the Degree of BACHELOR OF TECHNOLOGY in COMPUTER SCIENCE & ENGINEERING of JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, is a record of the bona fide work carried out by them under our guidance and supervision.

Mr.Munter Ahmed

Assosciate.Professor.

External Examiner

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Dr. R. Nakkeeran, M. E, Ph.D,

Professor and Head



(Affiliated to JNTU Hyderabad, Approved by AICTE) Vyasapuri, Bandlaguda, Post: Keshavgiri, Hyderabad-500005



#### CERTIFICATE

This is to certify that the technical seminar report entitled "Network Based Intrusion

DetectionSystem Using Artificial Neural Network In Data Mining" which is being submitted by K Chandana[17E31A0522]Veldanda Vikram [17E31A0549] in partial fulfillment for the award of the Degree of BACHELOR OF TECHNOLOGY in COMPUTER SCIENCE AND ENGINEERING of JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY is a record of the bonafide work carried out by them under our guidance and supervision.

Mr. Girí Babu

1

Prof. RNakkeeran

18

Asst. Professor.

HEAD OF THE DEPARTMENT

PRINCIPAL MAHAVEER INSTITUTE OF SCIENCE & TECHNOLOGY Bandlaguda, Hyd-500 005.



Vysapuri, Bandlaguda Post:Keshavgiri, Hyderabad-500 005, Telangana, INDIA Tel: 040-64596979,8978380692,Fax: 040-24455003 E-mail: <u>principal.mahaveer@pomail.com</u>, Website: www.mist.ac.in, Counseling Code: MHVR, University Code: E3



Date : 03/06/2021

#### **CERTIFICATE**

This is to certify that the thesis 'INCOME ANALYSIS USING MACHINE LEARNING : ADULT CENSUS PERSPECTIVE' being submitted by Lashkari Aniket Singh [17E31A0526] and Syed Khalid Abdullah[17E31A0543] in partial fulfillment for the award of Bachelor of Technology in Computer Science & Engg. (B.Tech) to the Jawaharlal Nehru Technological University is a record of bonafide Main Project Work carried out by them under our guidance and supervision.

The results embodied in this thesis have not been submitted to any other University or Institute for the award of any degree or diploma.

Dr. J.Malla Reddy,M.Tech,Ph.D Project Guide Professor, Dept. of. CSE Mahaveer Institute of Science & Technology, Hyderabad

EXTERNAL EXAMINER

PRINCIPAL MAHAVEER INSTITUTE OF SCIENCE & TECHNOLOGY Bandlaguda, Hyd-S00 005.

Dr. R. Nakkeran, ME.Ph.D Professor & Head Dept. of CSE Mahaveer Institute of Science & Technology, Hyderabad



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#### CERTIFICATE

This is to certify that the major project work report entitled "Cryptocurrency Price Prediction Using Recurrent Neural Networks" which is being submitted by Tanishka Geraldine [17E31A0545] and Mandapuram Vinitha [17E31A0532] in partial fulfillment for the award of the Degree of BACHELOR OF TECHNOLOGY in COMPUTER SCIENCE AND ENGINEERING of JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY is a record of the bonafide work carried out by them under our guidance and supervision.

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Mrs. M. SRI VIDYA MALLU

DR. R. NAKKEERAN, M.E., Ph.D.,

Professor & HEAD OF THE DEPARTMENT

Asst Professor.

EXTERNAL EXAMINER

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## CERTIFICATE

This is to certify that the major project work report entitled "PRODUCT RECOMMENDATION SYSTEM WITH MACHINE LEARNING BY USING PAST PURCHASE BEHAIVOUR(ppb) OF CUSTOMER"which is being submitted TARA AFREEN[17E31A0546],B.KEERTHI[17M31A0515], in partial fulfilment for the award of the Degree of BACHELOR OF TECHNOLOGY in COMPUTER SCIENCE & ENGINEERING of JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, is a record of the bona fide work carried out by them under our guidance and supervision.

Dr.R.Nakkeeran, M.E, Phd.D

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Dr. R. Nakkeeran, M. E, Ph.D,

Professor and Head

External Examine.

Professor and Head

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#### CERTIFICATE

This is to certify that the major project work report entitled "SHOPPING MALL POTENTIAL CUSTOMER ANALYSIS WITH MACHINE LEARNING USING CLUSTER ALGORITHM" which is being submitted by Bakaram Vidya [17M31A0512] and Kilari Srujana [17M31A0529], in partial fulfillment for the award of the Degree of BACHELOR OF TECHNOLOGY in COMPUTER SCIENCE & ENGINEERING of JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, is a record of the bonafide work carried out by them under our guidance and supervision.

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Assistant.Professor.

External Examiner

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#### CERTIFICATE

This is to certify that the Major project work report entitled "Emergency Ward Rush Prediction System to Help in Planning And Maintenance for Hospital Using Recurrent Neural Network" which being submitted by K.Vaishnavi[17M31A0530] and Y.Srujan[17M31A0526] in partial fulfillment for the award of the Degree of BACHELOR OF TECHNOLOGY in COMPUTER SCIENCE & ENGINEERING of JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, is a record of bonafide word carried out by them under our guidance and supervision.

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## CERTIFICATE

This is to certify that the major project work report entitled "STOCK PRICE PREDICTION USING DEEP LEARNING" which is being submitted by Karre Sushmitha[17M31A0533],Sama Kalyani[17M31A0557], in partial fulfilment for the award of the Degree of BACHELOR OF TECHNOLOGY in COMPUTER SCIENCE & ENGINEERING of JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, is a record of the bonafide work carried out by them under our guidance and supervision.

Mr.G.Santhash Kumar

Assistant Professor

External Examiner

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#### CERTIFICATE

This is to certify that the major project work report entitled "STUDENTS MARKS PREDICTION USING LINEAR REGRESSION" which is being submitted by MALAKEDI MANEESHA [17M31A0536], NAMANI NIKHILA [17M31A0541], in partial fulfilment for the award of the Degree of BACHELOR OF TECHNOLOGY in COMPUTER SCIENCE & ENGINEERING of JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, is a record of the bona fide work carried out by them under our guidance and supervision.

Mrs. Sarala Devi Assistant Professor

External Examiner

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Dr.R. Nakkeeran, M. E, Ph.D. Professor and HOD, CSE

Dr.B. Nageswara Rao



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## CERTIFICATE

This is to certify that the major project work report entitled "IMDB Movie Review Sentiment Classification Using Deep Learning" which is being submitted by R.Kalyaani[17E31A0584], S.Vidhya[17E31A0587], in partial fulfilment for the award of the Degree of BACHELOR OF TECHNOLOGY in COMPUTER SCI-ENCE & ENGINEERING of JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, is a record of the bona fide work carried out by them under our guidance and supervision.

Assistant Professor.

External Examiner

Dr. R. Nakkeeran, M. E, Ph.D,

Professor and Head

Head of the Department Computer Science & Concentring Vyasapuri, Bachine Post:Kesavagiri, Hyd. Dr. Ba Nageswara Rao PRINCIPAL

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## CERTIFICATE

This is to certify that the major project work report entitled "CLASSIFICATION FOR DETECTING INSULTING AND ABUSIVE CONTENT IN SOCIAL MEDIA" which is being submitted by K.Vamshi[17E31A0567],C.Sri Lakshmi[17E31A0559], in partial fulfilment for the award of the Degree of BACHELOR OF TECHNOLOGY in COMPUTER SCIENCE & ENGINEERING of JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, is a record of the bonafide work carried out by them under our guidance and supervision.

sme-4 Mrs.Swapna Mandala

Assistant.Professor.

Dr. R. Nakkeeran, M. E, Ph.D,

Professor and Head of Department

External Examiner

PRINCIPAL MAHAVEER INSTITUTE OF SCIENCE & TECHNOLOGY Bandlaguda, Hyd-500 005. Head of the Department Computer Science & En-Vyosapuri, BE-

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## CERTIFICATE

This is to certify that the major project work report entitled "VIDEO RECOMMENDER SYSTEM BY ANALYSING THE USER'S HISTORICAL BEHAVIOURS SIMULATING THE NETFLIX RECOMMENDER SYSTEM USING MACHINE LEARNING" which is being submitted by A.HARINATH [17E31A0551], A.NAVYA [16M31A0505], in partial fulfillment for the ward of the Degree of BACHELOR OF TECHNOLOGY in COMPUTER SCIENCE & ENGINEERING of JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, is a record of the bona fide work carried out by them under our guidance and supervision.

Mr.Md.Siddiqui

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External Examiner

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Head of the Department Computer Science & Engineering Vyasapuri, Bandlaguda Post:Kasavagin,Hydersbad-500005 Telangana, India

Dr. B. Nageswara Rao

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CERTIFICATE

This is to certify that the major project work report entitled "TWITTER SENTIMENT ANALYSIS" which is being submitted by Gubba Harshavardhan gupta [17E31A0564] and M S S Vybhav [17E31A0571], in partial fulfilment for the award of the degree of BACHEALOR OF TECHNOLOGY INCOMPUTER SCIENCE & ENGINEERING of JAWAHRLAL NEHRU TECHNOLOGICAL UNIVERSITY , is a record of bonafide word carried out by themunder our guidance and supervision.

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#### CERTIFICATE

This is to certify that the major project work report entitled "Exploratory Data Analysis Of Student Performance Analysis Based On ML" which is being submitted by Rikkula Bhavani[17E31A0585] and V.Shravanideepika[17E31A0592], in partial fulfilment for the award of the degree of BACHELOR OF TECHNOLOGY in COMPUTER SCIENCE ENGINEERING of JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, is a record of bonafide word carried out by them under our guidance and supervision.

Safe. 1. Mrs.Swapna Mandala

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ExternalExaminer

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#### CERTIFICATE

This is to certify that the major project work report entitled "Employee salary prediction by using trained classifiers" which is being submitted by M.Kondal[17E31A0575] and T.Pavan kalyan[17E31A0591], in partial fulfilment for the award of the degree of BACHELOR OF TECHNOLOGY in COMPUTER SCIENCE & ENGINEERING of JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, is a record of bonafide word carried out by them under our guidance and supervision.

Mr. N. Ashwan Kumar

Assistant Professor

**External Examiner** 

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Professor & Head

Head of the Department Computer Science & Engineering Dr.B.Nageswar Raola

Principal.

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Date :

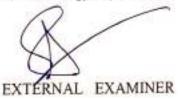
/06/2021

# CERTIFICATE

This is to certify that the thesis 'FAKE JOB RECRUITMENT DETECION USING MACHINE LEARNING' being submitted by A.Varun Goud[17E31A0552] and P.Lokesh[17E31A0581] in partial fulfillment for the award of Bachelor of Technology in Computer Science & Engg. (B.Tech) to the Jawaharlal Nehru Technological University is a record of bonafide Main Project Work carried out by them under our guidance and supervision.

The results embodied in this thesis have not been submitted to any other University or Institute for the award of any degree or diploma.

Dr. J.Malla Reddy, M. Tech, Ph.D Project Guide Professor, Dept. of. CSE Mahaveer Institute of Science & Technology, Hyderabad



Dr. R. Nakkerán, ME.Ph.D Professor & Head Dept. of CSE Mahaveer Institute of Science & Technology, Hyderabad

Head of the Department Computer Science & Engineering Dry Nageshwara, Rao Post: Kest Terrificipal

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# CERTIFICATE

This is to certify that the major project work report entitled "BLOCK CHAIN BASED VOTING SYSTEM" which is being submitted by HARI SHANKER [17E31A0565], SYED OZAIR [17E31A0590], in partial fulfilment for the award of the Degree of BACHELOR OF TECHNOLOGY in COMPUTER SCIENCE & ENGINEERING of JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, is a record of the bona fide work carried out by them under our guidance and supervision.

Mr. G.Shafhesh kumar

Assistant Professor.

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Professor and Head



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#### CERTIFICATE

This is to certify that the mini project work report entitled "ASSIRRA SECURITY ANALYSIS, A CAPCHA THAT EXPLOITSINEREST-ALLIGNED MANUAL IMAGE CATEGORIZATION BY MICROSOFT" which is being submitted by SYED SAIF ALI[16E31A05A4] and SYED AFRIDI [17E31A0589] in partial fulfilment for the award of the degree of BACHELOR OF TECHNOLOGY in COMPUTER SCIENCE & ENGINEERING OF JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, is a record of bonafide word carried out by them under our guidanceand supervision.

Mr. Muheer Alfmed

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#### CERTIFICATE

This is to certify that the Major Project report entitled "E-PAYMENT TRANSACTION USING ENCRYPTED QR CODE" which is being submitted by MOHAMMED SADIQ IMAD [176H1A0509], SYED ABDUL RAFEH [17E31A0588], in partial fulfillment for the award of the Degree of BACHELOR OF TECHNOLOGY in COMPUTER SCIENCE AND ENGINEERING of JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY is a record of the bonafide work carried out by them under our guidance and supervision.

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MRS.M.SWAPNA Asst. Professor.

DR.R.NAKKERAN, M.E, PH.D HEAD OF THE DEPARTMENT

EXTERNAL EXAMINER

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# CERTIFICATE

This is to certify that the major project work report entitled "TRAFFIC SIGN RECOGNITION" which is being submitted by KONDA.SHARATH CHANDRA [16E31A05C8], JAKKULA.SAIDIVYA [16611A0503], MOHAMMED SUFIYAN AHMED[16E31A05D3] in partial fulfilment for the award of the Degree of BACHELOR OF TECHNOLOGY in COMPUTER SCIENCE & ENGINEERING of JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, is a record of the bona fide work carried out by them under our guidance and supervision.

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CERTIFICATE

This is to certify that the major project work report entitled "Machine Learning Based Credit Card Fraud Dtection Problem" which is being submitted by Patel Sahithi[17E31A0582]. Konda Sowmya[16E31A0518]and in partial fulfilment for the award of the degree of BACHEALOR OF TECHNOLOGY IN COMPUTER SCIENCE & ENGINEERING of JAWAHRLAL NEHRU TECHNOLOGICAL UNIVERSITY, is a record of bonafide word carried out by them under our guidance and supervision.

Mrs. Sarala Devi

Assistant Professor.

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Professor & Head

**External Examiner** 

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Principal.

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# CERTIFICATE

This is to certify that the major project work report entitled "OCR BASED DRIVING LICENCE which is being submitted by G.Veena [17E31A0563 ] K.Srikanth[17E31A0568] in partial fulfilment for the award of the Degree of BACHELOR OF TECHNOLOGY in COMPUTER SCIENCE & ENGINEERING of JAWAHARLAL NEHRU TECHNOLOGICAL

UNIVERSITY, is a record of the bona fide work carried out by them under our guidance and supervision.

Mrs.G.Manasa

Assistant.Professor.

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## CERTIFICATE

This is to certify that the major project work report entitled "CONVERSION OF HUMAN VOICE DATA INTO ENGLISH TEXT USING NATURAL PROCESSING LANGUAGE" which is being submitted by THIRUGUDU SAI KUMAR [16E31A0597], SAIDHU RATHAN [16E31A0598], in partial fulfilment for the award of the Degree of BACHELOR OF TECHNOLOGY in COMPUTER SCIENCE & ENGINEERING of JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, is a record of the bona fide work carried out by them under our guidance and supervision.

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Assistant.Professor.

External Examiner

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#### CERTIFICATE

This is to certify that the major project work report entitle "CUSTOMER PURCHSING INTENTION PREDICTION USING ML" which is being submitted by Borra Someshwar Reddy [17E31A0558] and Doragolla Madhu [17E31A0562] in partial fulfilment for the award of the degree of BACHELOR OF TECHNOLOGY in COMPUTER SCIENCE & ENGINEERING of JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, is a record of Bonafide work carried out by them under our guidance and supervision.

Mrs. Swapna Mandala

Assistant Professor.

External Examiner

Dr. R. Nakkeeran, M. E. Ph.D. Professor & HOD Hoart of the Department Computer of the Department Vyosin they, burgers

PDr. B. Nageshwara Rao

Principal.

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## CERTIFICATE

This is to certify that the major project work report entitled "HUMAN ACTIVITY PATTERNS PREDICTION ( HAPP ) SYSTEM FOR SMARTHOME APPLICATION" which is being submitted by Madagoni Niharika [17E31A0572] and Baimuthaka Triveni[17E31A0556], in partial fulfilment for the award of the degree of BACHELOR OF TECHNOLOGY in COMPUTER SCIENCE & ENGINEERING of JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, is a record of bonafide word carried out by them under our guidance and supervision.

External Examiner S00 000

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Mr K.Giribabu Assistant Professor.

Dr. R. Nakkeeran, M. E. Ph.D.

Professor and Head

Head of the Department Computer Science & Engineering Vvrsapuri, Bond's Juda

Dr. B. Nageshwara Rao

Principal

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# CERTIFICATE

This is to certify that the Industry Oriented Major Project work report entitled "GOOGLE PLAY STORE APP REVIEW PREDICTION" which is being submitted by Ambati Pooja [17E31A0554], Mothe Vikas [16E31A05D4] in partial fulfillment for the award of the degree of BACHELOR OF TECHNOLOGY in COMPUTER SCIENCE & ENGINEERING of JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, is a record of bonafide word carried out by them under our guidance and supervision.

Mr. R. Naveen Kumar Asst. Professor.

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Dr. R. Nakkeeran, M.E, Ph.D. Professor & Head of Department BIDUS \* BUS 00000948 Dr. B. Nageswara Rao PRINCIPAL

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# CERTIFICATE

This is to certify that the major project work report entitled "PROCESS AND APPLICATION OF DATAMINING IN THE UNIVERSITY LIBRARY" which is being submitted by Nadella Jahnavi [17E31A0579] and Cholleti Prasanna [17E31A0560], in partial fulfilment for the award of the Degree of BACHELOR OF TECHNOLOGY in COMPUTER SCIENCE & ENGINEERING of JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, is a record of the bona fide work carried out by them under our guidance and supervision.

Intérnal Guide Mrs.J.Madhavi

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Professor and Head of the Department

Head of the Denortment Computer Science & Employed of Vyosapuri, Bandler Dr. Bl Nageswara Rao Principal

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# CERTIFICATE

This is to certify that the major project work report entitled "Human Gender Classification/Recognition Based On The Features Of Voice Using Machine Learning With Logistic Regression Algorithm And Speech Synthesis Module" which is being submitted by A. Laxmikanth reddy[17E31A0555], P. Saideepa[17E31A0583] in partial fulfilment for the award of the Degree of BACHELOR OF TECHNOLOGY in COMPUTER SCIENCE & ENGINEERING of JAWAHARIAL NEHRU TECHNOLOGICAL UNIVERSITY, is a record of the bona fide work carried out by them under our guidance and supervision.

(Me.M

Mrs M. Swapna,

Assistant Professor.

External Examiner

Dr. R. Nakkeeran, M. E. Ph.D.

Professor and Head

Head of the Department Computer Science & Loginouting Vy.)scipuri, Parado and L Postburg, and the

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## CERTIFICATE

This is to certify that the major project work report entitled "AN EXPERIMENTAL STUDY WITH IMBALANCED CLASSIFICATION APPROACH FOR CREDIT CARD FRAUD DETECTION" which is being submitted by Kurmeti Revanth [17E31A0570] and Samudrala Sai Teja [17E31A0586], in partial fulfilment for the award of the degree of BACHEALOR OF TECHNOLOGY INCOMPUTER SCIENCE & ENGINEERING of JAWAHRLAL NEHRU

TECHNOLOGICAL UNIVERSITY , is a record of bonafide word carried out by them under our guidance and supervision.

Coordinator

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Guide & Head of the Department

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Website: www.mist.ac.in,

Approved by AICTE, Affilitated to JNTUH.) yd.

# DEPARTMENT OF INFORMATION TECHNOLOGY

# MAIN PROJECTS LIST

| BATCH<br>NO | HT NO      | NAME                  | Title                                                              | Guide                    |
|-------------|------------|-----------------------|--------------------------------------------------------------------|--------------------------|
| CS.         | 17E11A1213 | LAKSHIKA PAREEK       | Bit coin price prediction using time series analysis               | DrA NANDAGOPAL<br>REDDY  |
|             | 17E3TA1231 | T.NISHANTH KUMAR      | observations marked with a time stamp                              |                          |
|             | 17E31A1210 | K VINEETHA            | Fake review analysis using ML                                      | V NARESH KUMAR<br>REDDY  |
| 2           | 17E31A1201 | A.JHANAVI             |                                                                    |                          |
|             | 17E31A1205 | BHARADWAJ AJITH       | Detecting Phishing Attacks Using Natural Language                  | KBVK NAGASREE            |
| 3           | 17E31A1230 | S.NAVYA               | Processing and Machine Learning                                    |                          |
|             | 17E31A1227 | P.SAI KIRAN           | Software fault detection using ML                                  | R KESHAV                 |
| 4           | 17E31A1207 | C.PRASHANSHA          | Solution and account with the                                      |                          |
|             | 17E31A1214 | L.SAMHITHA            |                                                                    | KOVK NAGASREE            |
| 5           | 17E31A1232 | VIDHY ADHAR<br>SHARMA | Crop Prediction using ML                                           |                          |
| 1000        | 17E31A1209 | G.SHYAMALA            | Cyber Money laundering Detection using Machine                     | Dr A NANDAGOPAL<br>REDDY |
| 6           | 17E31A1218 | M.SRIKRISHNA          | Learning methods                                                   |                          |
|             | 17E31A1203 | B.HARI PRASAD         | Googe IPO stock price forecasting with deep learning               | SIDDI SRINIVAS           |
| 7           | 17E31A1206 | B KIRAN KUMAR         | algorithm                                                          |                          |
|             | 17E31A1212 | K.VINITHA             | spam detection using neural networks in python                     | N DEVENDHAR              |
| 8           | 17E31A1217 | M.AKSHITHA            | span acreción unig realiti na otra in p                            |                          |
| 1020        | 17E31A1233 | YASMEEN BEGUM         | Heart disease prediction using Machine Language                    | SIDDI SRINIVAS           |
| 9           | 17E31A1211 | K.HIMA BINDU          | Tital disease president and a set                                  |                          |
| 1.2         | 17E11A1215 | M.BHAVYASRI           | Crop Vield Prediction Using Machine Learning                       | 2 NARESH KUMAR<br>REDDY  |
| 10          | 17E31A1208 | C.MAHESH              | Algorithms                                                         |                          |
| 100         | 17E31A1219 | M.MOUNIKA             | An Iris recognition algorithm for identity                         | B MALLIAIAB              |
| 11          | 17E31A1229 | 8.PRANEETH            | authentication                                                     |                          |
| 12          | 17E31A1220 | MD.RAZZAK             | Hand written digit recognition using deep learning                 | • S.SUNIL                |
|             | 17E31A1222 | MD.HUSSAIN            | tuno written algo recognition and weep retraining                  |                          |
|             | 16E31A1215 | MD SALMAN             |                                                                    | M.S.PRIYANKA             |
| 13          | 17E31A1223 | MOIN                  | Crypto currency price detection using recurrent neural<br>networks |                          |
| 122-2-1     | 17E31A1221 | JAWAD                 |                                                                    |                          |

PRINCIPAL

MAHAVEER WITTER OF SCIENCE & TEENKS (06) Bandlagolda, Hyo-500 GCA

IOD Dr. OPAL REDDY Reddy

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Vyasapuri,bandinguda post:keshavgiri,Hyderabad-500005

# Department of Informaion Technology



#### CERTIFICATE

This is to certify that this Project work Report titled "BITCOIN PRICE EDICTION USING TIME SERIES ANALYSIS OBSERVATIONS MARKED WITH A ME STAMP" which is being submitted by LAKSHIKA PAREEK [ 17E31A1213] and IUMMA NISHANTH KUMAR [17E31A1231] in partial fulfillment for the award of the gree of Bachelor Of Technology in Information Technology, affiliated of Jawaharlal thru Technological University, Hyderabad and record of the bonafide work carried out by em under our guidance during 2020-2021.

roject Guide ignation

R.A.NANDA GOPAL REDDY Head of the Department)

Neud of the department Signature b

# DR.A.NANDA GOPAL REDDY

HOD, Dept of Information Technology Mshavoat institute of Scinica & Technology Vyasaputi, Banúlaguda, Pest Keshavgiri Hyderabud-Scools.

Principal



(Affiliated to JNTU Hyderabad ,Approved by AICTE) Vyasapuri,Bandlaguda, post:keshavgiri,Hyderabad-500005 Department of Information Technology



CERTIFICATE

This is to certify that this Project work Report titled "FAKE REVIEW ANALYSIS USING MACHINE LEARNING" which is being submitted by AKULA SAI JAHNAVI [17E31A1201] and KAAVATI VINEETHA [17E31A1210] in partial fulfillment for the award of the Degree of Bachelor Of Technology in Information Technology, affiliated to 'Jawabarlal Nehru Technological University, Hyderabad and is a record of the bonafied work carried out by them under our guidance during 2020-2021.

J. W. Which

Signature & Project Guide Mr.V. NARESH KUMAR REDDY (Assistant Professor)

ad with department Signature

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DR.A.NANDA GOPAL REDDY (Head Of The Departmenty37 (conclos) anaveer institution (conclos) anaveer institution (conclos) (conclos)

**External Examiner** 

DR.B.NAGESHWARA RAO

Principal

. 116(1140)1001 Bandiaguala (bd-500.005

(Amiliated to JNTU Hyderabad , Approved by AICTE)

Vyasapuri, bandlagada post:keshavgiri, Hyderabad-500005

# Department of Information Technology



#### CERTIFICATE

This is to certify that this Project work Report titled "DETECTING PHISHING ATTACKS USING NATURAL LANGUAGE PROCESSING AND MACHINE LEARNING" which is being submitted by BHARADWAJ AJITH [17E31A1205] and SAMA NAVYA [17E31A1230] in partial fulfilment for the award of the Degree of Bachelor Of Technology in Information Technology, affiliated of Jawaharlal Nehru Technological University, Hyderabad and record of the bonafide work carried out by them under our guidance during 2020-2021.

PPRIST

Signature of Project Guide

Mrs. KBVK NAGASREE (Assistant Professor)

the department Signature Dr.A.NANDA GOPAL REDDY

(Head of the Department)

A.Nabda Gopal Reddy Reptof Information Technology Reptof Information & Technology enthering a Science & Technology est Mashavgin a casi Principal 35.

External Examiner

Dr.B.NAGESHWARA RAO

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# Department of Information Technology



#### CERTIFICATE

This is to certify that this Project work Report titled "SOFTWARE FAULT DETECTION USING MACHINE LEARNING" which is being submitted by CHINTALA PRASHANSHA [17E31A1207] and PATHA SAIKIRAN [17E31A1227] in partial fulfilment for the award of the Degree of Bachelor Of Technology in Information Technology, affiliated of Jawaharlal Nehru Technological University. Hyderabad and record of the bonafide work carried out by them under our guidance during 2020-2021.

Kasovicial

Signature Of Project Guide

MR.R.KESAVAIAH

(Assistant Professor)

External Examiner

Signature WHeld Of Department

DR.A.NANDA GOPAL REDDY Dr.A.Nanda Gopal Schnology Dr.A.Nand Head Of Duparticell HOD, Dept of Land Science Mahavaar Institute ni telavise a Viasapur, Bendinger 2, Post Neckargut Hydataes 1-juggos.

Bandagada, Hod Sap ash

Principal

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DR.B.NAGESHWAR RAO

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CERTIFICATE

This is to certify that this major project work report entitled "Crop prediction using machine urning" is being submitted by LSamhitha [17E31A1214] and Vidhyadhar Sharma 7E31A1232] in partial fulfillment for the award of the Degree of Bachelor Of Technology in formation Technology, affiliated of Jawaharlal Nehra Technological University, Hyderabad and a record of the bonafide work carried out by them under our guidance during 2020-21

gnature of Project Guide

rs. KBVK NAGASREE ssistant Professor)

d of the denartment Signature of

Dr.A.NANDA GOPAL REDDY

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Principal

ternal Examiner

Dr.B.NAGESHWARA RAO



(Affiliated to JNTU Hyderabad .Approved by AICTE)

Vyasapuri, bandlaguda post:keshavigiri.Hyderabad-500005

# Department of Information Technology



# CERTIFICATE

This is to certify that this Project work Report titled "CYBER MONEY LAUNDERING DETECTION USING MACHINE LEARNING" which is being submitted by GANDHAM SHYAMALA [17E31A1209] and MEKA SRIKRISHNA [17E31A1218] in partial fulfillment for the award of the Degree of Bachelor Of Technology in Information Technology, affiliated of Jawaharlal Nehru Technological University, Hyderabad and record of the bonafide work carried out by them under our guidance during 2020-2021.

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DR.A.NANDA GOPAL REDDY

(Head Of Department)

Signature at Head Of Department

# DR.A.NANDA GOPAL REDDY

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Principal

## DR.B.NAGESHWARA RAO



(Affiliated to JNTU Hyderabad ,Approved by AICTE)

Vyasapuri, bandlaguda post: keshavgiri, Hyderabad-500005

# Department of Information Technology



CERTIFICATE

This is to certify that this Project work Report titled "GOOGLE IPO PRICE FORECASTING USING DEEP LEARNING" which is being submitted by B.HARI PRASAD [17E31A1203] and B.KIRAN KUMAR [17E31A1206] in partial fulfillment for the award of the Degree of Bachelor Of Technology in Information Technology, affiliated of Jawaharlal Nehru Technological University, Hyderabad and record of the bonafide work carried out by them under our guidance during 2020-2021.

Signature of Project Guide

Mr. SIDDI SRINIVAS (Assistant Professor)

Head of the der riment Signature W Dr.A.NANDA GOPAL REDDY (Head of the Departme if) 0108 e & Technology Post Keshavgiri 000-500005. Principal Dr.B.NAGESHWARA RAO

MAHAVEER INSTITUTE OF SCIENCE AND TECHNOLOGY (Affiliated to JNTU Hyderabad, Approved by AICTE) Vyasapuri, Bandlaguda, Post: Keshavgiri, Hyderabad-500005



#### CERTIFICATE

This is to certify that this project work report entitled " Spam Detection Using Neural Networks In Python" which is being submitted by K.VINITHA [17E31A1212] and M.AKSHITHA [17E31A1217] in partial fulfillment for the award of the Degree of Bachelor Of Technology in Information Technology, affiliated to Jawaharlal Nehru Technological University, Hyderabad and is a record of the bonafied work carried out by them under our guidance during 2020-2021.

Signature of Project Guide Mr.N.Devendhar

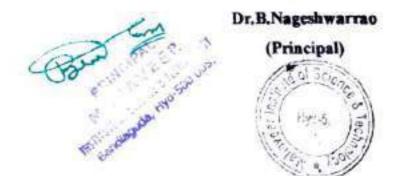
(Assistant Professor)

Headofthe Department Signatuteof Dr. A. NandaGopalReddy

(Head Of The Department)

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(Affiliated to JNTU Hyderabad, Approved by AICTE) Vyasapuri, Bandlaguda, Post: Keshavgiri, Hyderabad-500005



#### ESTD:2001

#### CERTIFICATE

This is to certify that this project work report entitled "HEART DISEASE **PREDICTION USING MACHINE LEARNING**" which is being submitted by **HIMA BINDU**[17E31A1211],YASMEEN BEGUM[17E31A1233], in partial fulfilment for the award of the Degree of Bachelor Of Technology in Information Technology, affiliated of Jawaharlal Nehru Technological University, Hyderabad and is a record of the bonafied work carried out by them under our guidance during 2020-2021.

Signature of Project Guide

Mr. Siddi Srinivas (Assistant Professor) When

Signature de Aldad of the Department

Dr. A. Nanda Gopal Reddy (Hand Of The Department) y HOD, Depter in the Department) y Nahavaoi Vyasabu

External Examiner

Dr. B. Nageshwara Rao

(Priacipat)

(Affiliated to JNTU Hyderabad ,Approved By AICTE) Vyasapuri , Bandlaguda , Post : Keshavigiri, Hyderabad-500005 Department Of Information Technology



his is to certify that this mini project work report entitled "Crop yield prediction using machine arning algorithms" is being submitted by M.BhavyaSri[17E31A1215] and C.Mahesh (7E31A1208) in partial fulfilment of for the award of the Degree of Bachelor Of Technology in Inprmation Technology, affiliated of Jawaharlal Nehru Technological University, Hyderabad and is record of the bonafide work carried out by them under our guidance during 2020-21

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Ar.V.NARESH KUMAR REDDY Assistant Professor)

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Dr. B Nageshwara rao



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Department of Information Technology



#### CERTIFICATE

This is to certify that this Project work Report titled "AN IRIS RECOGNITION ALGORITHM FOR IDENTITY AUTHENTICATION" which is being submitted by MIRYALA MOUNIKA [17E31A1219] and RAVUTLA PRANEETH [17E31A1229] in partial fulfilment for the award of the Degree of Bachelor Of Technology in Information Technology, affiliated of Jawaharlal Nehru Technological University, Hyderabad and record of the bonafide work carried out by them under our guidance during 2020-2021.

e of Project Guide

Mr. B MALLAIAH (Assistant Professor)

External Examiner

Signature Add of the department

Dr.A.NANDA GOPAL REDDY

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#### Dr.B.NAGESHWARA RAO



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(Affiliated to JNTU Hyderabad, Approved by AICTE) Vyasapuri, Bandlaguda, Post: Keshavgiri, Hyderabad-500005



# ESTD:2001 CERTIFICATE

This is to certify that this project work report entitled "HANDWRITTEN DIGIT RECOGNITION USING DEEP LEARNING" which is being submitted by WOHAMMED ABDUL RAZZAK [17E31A1220],MOHAMMED HUSSAIN UDDIN [17E31A1222], in partial fulfilment for the award of the Degree of Bachelor Of Technology in Information Technology, affiliated of Jawaharlal Nehru Fechnological University, Hyderabad and is a record of the bonafied work carried but by them under our guidance during 2020-2021.

Signature of Project Guide

Mr. S. Sunil (Assistant Professor)

External Examiner

Head of the Department Signature of

Dr. A. Nanda Gopal Reddy Dr. A. Nanda Gopal Reddy HOHead Of The Department Sy Mahaveer Institute of Control State Wasspurk, Sand Sud-1 of Keshavgin Hyderaba 100005.

Dr. B. Nageshwara Rao

(Principal) the s INVEER Matthew Co Manual Lines in Bandlequere line in ut

(Affiliated to JNTU Hyderabad, Approved by

AICTE)Vyasapuri, Bandlaguda, Post: Keshavgiri, Hyderabad-

500005



ESTD:2001

# CERTIFICATE

is is to certify that this project work report entitled "CRYPTO CURRENCY PRICE LEDICTION USING RECURRENT NEURAL NETWORK"which is being submitted by OHAMMED SALMAN [16E31A1215] ,MOHAMMED JAWAD [17E31A1221] HAMMED MOINUDDIN SIDDIQUI [17E31A1223] in partial fulfilment for the award of the gree of Bachelor Of Technology in Information Technology, affiliated of Jawaharlal Nehru shological University, Hyderabad and is a record of the bonafied work carried out by them under our dance during 2020-2021.

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.K.Priyanka

ssistant Professor)

xternal Examiner

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Dr.A.Nanda Gopal Reddy

(Head Of The Department)

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rincipal

Vysepuri, Bandlaguda <u>Post:Keshavgiri</u>, Hyderabad:500.005, Telangana INDIA Tel: 040.64596979,<u>8978380692</u>, Fax: 040.64593 E-mail: principal.mahaveur@gmail.com, Webste: www.mist.ac.in.



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### DEPARTMENT OF AERONAUTICAL ENGINEERING

#### PROJECT BATCH LIST(2020-21)

| No | H.T.No of<br>students | Name of the<br>students                 | Name of the<br>Guide | Title of the project                                                            |
|----|-----------------------|-----------------------------------------|----------------------|---------------------------------------------------------------------------------|
|    |                       | 100000000000000000000000000000000000000 | BAT                  | CH - 1                                                                          |
| ĩ  | 17E31A2120            | MOHAMMAD<br>JUNAID SIDDIQUI             | N.MAHESH             | CAMBERED WING - COMPUTATIONAL ANALYSIS VS<br>PHYSICAL ANALYSIS COMPARO          |
|    | 17E31A2102            | ABHIMANYU N<br>ASHREY                   |                      |                                                                                 |
|    | 17E31A2131            | VAJEER<br>NARENDHAR                     |                      |                                                                                 |
|    | 18E35A2104            | SYED MAROOF<br>MOHIUDDIN                |                      |                                                                                 |
|    |                       |                                         | BAT                  | СН - 2                                                                          |
| 2  | 17E31A2105            | AYUSHMAN<br>DUBEY                       | G.SUDARSAN           | MATERIAL SELECTION AND CRASH WORTHINESS<br>ANALYSIS OF NOSE CONE OF AN AIRCRAFT |
|    | 17E31A2114            | KARANKOT<br>KEERTHI                     |                      |                                                                                 |
|    | 17E31A2128            | SODARI HAPPI                            |                      |                                                                                 |
|    | 17E31A2129            | SYED ZAID<br>ASADULLAH                  |                      | WEITHING THE R                                                                  |

| 3  | 18E35A2192 | GUGULDTHU<br>NIKHIL     | R. RAJENDER          | SMART AUTONOMOUS VECHICLE: DESIGN AND<br>ANALYSIS OF MULTIROTOR DRONE TAXI |  |
|----|------------|-------------------------|----------------------|----------------------------------------------------------------------------|--|
|    | 18E35A2103 | SYED AFZAL              |                      |                                                                            |  |
|    | 18E35A2105 | TAGALI KARTHIK          |                      |                                                                            |  |
|    | 17E31A2127 | SAMBARU VIKAS           |                      |                                                                            |  |
| -  |            |                         | BAT                  | 2H - 4                                                                     |  |
|    | 17E31A2125 | POLA ROHITH<br>KUMAR    |                      |                                                                            |  |
| 4. | 17E31A2113 | KAMIDI SHIVA<br>SAHITHI | TIRAPATAIAH<br>MUVVA | DESIGN AND ANALYSIS OF HIGH POWERED ROCKET<br>& NON -PYRO MECHANISM        |  |
|    | 17E31A2123 | NAINI MANISH<br>YADAV   |                      |                                                                            |  |
|    | 17E31A2103 | ADIRE<br>SPANDANA       |                      |                                                                            |  |
|    |            |                         | BAT                  | CH - 5                                                                     |  |
| 5  | 17E31A2112 | SALKRISHNA              |                      |                                                                            |  |
|    | 17E31A2116 | ANOSH                   | D. NAVEEN            | ELECTRIC PROPULSION DESIGN OF DC DISCHARGE<br>ION THRUSTER                 |  |
|    | 17E31A2118 | PRADEEP                 |                      |                                                                            |  |
|    | 17E31A2111 | VINAY KUMAR             |                      |                                                                            |  |

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# DEPARTMENT OF AERONAUTICAL ENGINEERING

Vysopuri, Bandlaguda Post:Koshavgiri, Hydorabad-500 005, TS INDIA Tel: 040-20020772, 20020773, Fax: 040-24466003 E-mail: e3hod.aero1@gmail.com Websito: www.mist.oc.in,

INSTITUTE OF SCIENCE & TECHNOLOGY Approved by AICTE, AINIIInted to JNTUH.Hyd.

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# CERTIFICATE

This is to certify that this is the bonafide record of the project titled "ELECTRIC PROPULSION: DESIGN OF DC DISCHARGE ION THRUSTER" is submitted by GUGULOTH SAIKRISHNA (17E31A2112), GUDISE VINAYKUMAR (17E31A2111), KUDIKALA ANOSH (17E31A2116), MANDALA PRADEEP KUMAR (17E31A2118) of B.Tech in the partial fulfiltment of the requirements for the degree of Bachelor of Technology in Aeronautical Engineering, Dept. of Aeronautical Engineering during the year 2020-2021. The results embodied in this project report have not been submitted to any other university or institute for the award of any degree or diploma.

YEEN M.Tech.

INTERNAL GUIDE

G.I. Shamley Mr. G.K. SHANMUKHDEV

Mr. G.K. SHANMUKHDEV (Ph.D.) HEAD OF THEDEPARTMENT





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# Approved by AICTE, Affiliated to JNTUH, Hyd.

AHA



This is to certify that this is the bonafide record of the project titled "MATERIAL SELECTION AND CRASH WORTHINESS ANALYSIS OF AN AIRCRAFT NOSE CONE" is submitted by AYUSHMAN DUBEY (17E31A2105), KARANKOT KEERTHI (17E31A2114), SODARI HAPPI (17E31A2128), SYED ZAID ASADULLAH (17E31A2129) of B.Tech in the partial fulfillment of the requirements for the degree of Bachelor of Technology in Aeronautical Engineering, Dept. of Aeronautical Engineering during the year 2020-2021. The results embodied in this project report have not been submitted to any other university or institute for the award of any degree or diploma.

Mr. G. Sudarsan M.Tech. INTERNAL GUIDE

G.Ir. Shampin De

Mr. G.K. Shanmukh Dev (Ph.D) HEAD OF THE DEPARTMENT

EXTERNAL EXAMINER





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## CERTIFICATE

This is to certify that this is the bonafide record of the project titled "A DETAILED REVIEW ON VERTICAL TAKEOFF AND LANDING VEHICLE SYSTEM" is submitted by GUGULOTHU NIKHIL (18E35A2102), SYED AFZAL (18E35A2103), TAGILI KARTHIK (18E35A2105), SAMBARU VIKAS (17E35A2127) of B.Tech in the partial fulfillment of the requirements for the degree of Bachelor of Technology in Aeronautical Engineering, Dept. of Aeronautical Engineering during the year 2020-2021. The results embodied in this project report have not been submitted to any other university or institute for the award of any degree or diploma.

Dr. S.R. DHINESH KUMAR, M.E. Ph.D

INTERNAL GUIDE

hill Shamily Der. G.K. SHANMUKH DEV, ME, (Ph.D)

HEAD OF THE DEPARTMENT

EXTERNAL EXAMINER

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DEPARTMENT OF AERONAUTICAL ENGINEERING Vysopuri, Bondinguda Post-Keshengiri, Hyderabad 500 005, AP INDIA Tel: 640-20620772,20020773, Fox: 040-24455003

MAHAVEER INSTITUTE OF SCIENCE & TECHNOLOGY Approved by AICTE, Amiliated to INTURHyd.

## CERTIFICATE

This is to certify that this is the bonafide record of the project titled "DESIGN AND ANALYSIS OF HIGH POWER ROCKET" is submitted by POLA ROHITH KUMAR (17E31A2125), KAMIDI SHIVASAHITHI (17E31A2113), NAINI MANISH YADAV (17E35A2123), ADIRE SPANDANA (17E31A2103) of B.Tech in the partial fulfillment of the requirements for the degree of Bachelor of Technology in Aeronautical Engineering, Dept. of Aeronautical Engineering during the year 2020-2021. The results embodied in this project report have not been submitted to any other university or institute for the award of any degree or diploma.

Mr. Tiraputaiah Muvva INTERNAL GUIDE

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Mr. G.K. SHANMUKH DEV. ME, (Pb.D) HEAD OF THE DEPARTMENT

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DEPARTMENT OF AERONAUTICAL ENGINEERING Vysapuri, Bandlaguda Post:Keshavgiri, Hyderabad-500 005, TS INDIA Tel: 040-20020772, 20020773, Fax: 040-24455003 E-mail: e3hod.aero1@gmail.com Website: www.mist.ac.in. Approved by AICTE, Affilitated to JNTUH, Hyd.

IAHAV INSTITUTE OF SCIENCE & TECHNOLOG



#### CERTIFICATE

This is to certify that this is the bonafide record of the project titled "COMPUTATIONAL FLUID DYMANICES ON BLENDED WING BODY AIRCRAFT" is submitted by MOHAMMAD JUNAID SIDDIQUI (17E31A2120), ABHIMANYU ASHRE (17E31A2102), VAJEER NARENDHAR (17E31A2131), SYED MAROOF MOHIUDDIN (18E35A2104) of B.Tech in the partial fulfillment of the requirements for the degree of Bachelor of Technology in Aeronautical Engineering, Dept. of Aeronautical Engineering during the year 2020-2021. The results embodied in this project report have not been submitted to any other university or institute for the award of any degree or diploma.

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M.Tech. INTERNAL GUIDE

C.I. Shamlin De

Mr. G.K. SHANMUKH DEV (Ph.D.) HEAD OF THE DEPARTMENT

EXTERNAL EXAMINER

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Vysonport Bandlagische, Prost. Keschassgiel, Hyderstaat. 500.005 Telanganos, INDIA het 640-64633896, 20020772, 20020773 p. call. etter20016ggpool.com. Website...www.mist.ec.in



## CERTIFICATION

This is certify that the project titled "INTIAL PUBLIC OFFERING"(IPO) Submitted in Partial fulfilment for the award of MASTER OF BUSINESS ADMINISTRATION by "AMUDALAPALLI VIKAS" Roll no: 19E31E0001 to the Department of Management Studies, Mahaveer Institute of Science and Technology, affiliated to JNTU, Hyderabad been Carried under the guidance of "G. KISHORE KUMAR" Assist, Professor, Department of Management Studies (MIST)

This project report has not been submitted to any other university of institution for the award of degree/ diploma.

(G. KISHORE KUMAR) INTERNAL GUIDE

(DR. K. KIRAN KUMAR) HEAD OF THE DEPARTMENT

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Bandlaguda, Post : Koshavgiri, Bandlaguda, Post : Koshavgiri, Bandlagud, 500 005. Telangana, INDIA Bandlagud, 500 005. Telangana, INDIA





This is certify that the project titled "FIXED ASSET MANAGEMENT" Submitted in Partial fulfilment for the award of MASTER OF BUSINESS ADMINISTRATION by "ANUGU VINAYKANTH REDDY" Roll no: 19E31E0002 to the Department of Management Studies, Mahaveer Institute of Science and Technology, affiliated to JNTU, Hyderabad been Carried under the guidance of "G. KISHORE KUMAR" Assist. Professor, Department of Management Studies (MIST)

This project report has not been submitted to any other university of institution for the award of degree/ diploma.

(G. KISHORE KUMAR) INTERNAL GUIDE

AWER STREEP STREET CONDIC kondiaguda, hyd 300 005.

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HEAD OF THE DEPARTMENT





apuri, Bandlaguda, Post : Keshavgiri, rabad - 500 005. Telangana, INDIA 40-64593899, 20020772, 20020773 il : mhvr2001@gmail.com Website : www.mist.ac.in



## CERTIFICATION

This is to certify that the project title "INVESTMENT DECISION ANALYSIS "submitted in partial fulfilment for the award of MASTER OF BUSNIESS ASMINISTRATION by "GHOUSIYA BEGUM" roll no. 19E31E0005 to the department of management studies, Mahaveer Institute of Science and Technology, affiliated to JNTU, Hyderabad has been carried out under the guidance of "CH. RAGHUNATH REDDY" Assist. Professor, Department of management studies MIST.

This project report has not been submitted to any other university of Institution for the award of any Degree/Diploma.

CH.RAGHUNATH REDDY

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HEAD OF DEPARTMENT

AVEER RESIDENTIAL SCIENCE & CONNERS sandiaguda, Hyd-500 005-



pat, Bandleguda, Post : Keshavgiri, atard - 500 005, Telangana, INDIA o 64503698, 20020772, 20626773 - ptim 2001@gmelt.com. Website : www.mist.ec.in



## CERTIFICATION

This is certify that the project titled "NON-PERFORMING ASSETS" Submitted in Partialfulfilment for the award of MASTER OF BUSINESS ADMINISTRATION by "G. SAI PRASAD" Roll no: 19E31E0006 to the Department of Management Studies, Mahaveer Institute of Science and Technology, affiliated to JNTU, Hyderabad been Carried under the guidance of "CH. RAGHUNATH REDDY" Assist. Professor, Department of Management Studies (MIST)

This project report has not been submitted to any other university of institution for the award of degree/ diploma.

(CH. RAGHUNATH REDDY)

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### **CERTIFICATION**

This is to certify that the project title "INVENTORY MANAGEMENT" submitted in partial fulfillment for the award of MASTER OF BUSNIESS ASMINISTRATION by "HAFSA KAUSER" roll no. 19E31E0008 to the department of management studies, MAHAVEER INSTITUTE OF SCIENCE AND TECHNOLOGY, affiliated to JNTU, Hyderabad has been carried out under the guidance of "CH. RAGHUNATH REDDY" Assist. Professor, Department of management studies MIST.

This project report has not been submitted to any other university of Institution for the award of any Degree/Diploma.

(CH. RAGHUNATH REDDY)

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### HEAD OF DEPARTMENT

PRINCIPAL MAHAVEER INSTITUTE OF SCIENCES TECHNOLOGY Bandlagukia, Hyd-SCID 005.



Bandsaguda, Post : Keshavgin, 500 005. Telangana, INDIA 500 005. Telan





## CERTIFICATION

This is certify that the project titled "RATIOANALYSIS" Submitted in Partial fulfilment for the award of MASTER OF BUSINESS ADMINISTRATION by "JRAMGOPAL"

Rollno:19E31E0009 to the Department of Management Studies, Mahaveer Institute of Science and Technology, affiliated to JNTU, Hyderabad been Carried under the guidance of "G KISHORE KUMAR" Assist. Professor, Department of Management Studies (MIST)

This project report has not been submitted to any other university of institution for the award of degree/diploma.

(KISHOREKUMAR) INTERNALGUIDE

(L.RAJESHGOUD) HEADOFTHEDEPARTMENT

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## CERTIFICATION

This is to certify that the project title "CAREER MANAGEMENT" submitted in partial fulfilment for the award of MASTER OF BUSNIESS ASMINISTRATION by "kodiganti parvalika " roll no. 19E31E0010 to the department of management studies, Mahaveer Institute of Science and Technology, affiliated to JNTU, Hyderabad has been carried out under the guidance of "k s archana" Assist. Professor, Department of management studies MIST.

This project report has not been submitted to any other university of Institution for the award of any Degree/Diploma.

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(L.RAJESH GOUD)

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issapuri, Bandlaguda, Post : Keshavgiri, /derabad - 500 005. Telangana, INDIA # 040-64593899, 20020772, 20020773 mail : mhvr2001@gmail.com Website : www.mist.ac.in



## CERTIFICATION

This is certify that the project titled "STRESS MANAGEMENT" Submitted in Partialfulfilment for the award of MASTER OF BUSINESS ADMINISTRATION by "KAMPALLEY KIRAN JYOTHI" Roll no: 19E31E0011 to the Department of Management Studies, Mahaveer Institute of Science and Technology, affiliated to JNTU, Hyderabad been Carried under the guidance of "KS. ARCHANA" Assist. Professor, Department of Management Studies (MIST)

This project report has not been submitted to any other university of institution for the award of degree/ diploma.

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(KS. ARCHANA) INTERNAL GUIDE

(DR. BAJESH GOUD) HEAD OF THE DEPARTMENT

PRINCIPAL MANAVEER DESTITUTE OF SCHENCES TECHNOLOGY Randbaguda, Hyd 500 005,



esopuri, Bandlaguda, Post : Keshavgiri, derabad - 500 005. Telangana, INDIA 040-64593899, 20020772, 20020773 040-64593899, 20020772, 20020773 nal : miwr2001@gmail.com Website : www.mist.ac.in



### CERTIFICATION

This is certify that the project titled "A Study on Competency Mapping and it's Impact on Employee Performance" Submitted in Partial fulfilment for the award of MASTER OF BUSINESS ADMINISTRATION by

"KARNATAKA MANISHA GOUD" Roll no: 19E31E0013 to the Department of Management Studies, Mahaveer Institute of Science and Technology, affiliated to JNTU, Hyderabad been Carried under the guidance of "L.Rajesh Goud" Assist. Professor, Department of Management Studies (MIST)

This project report has not been submitted to any other university of institution for the award of degree/ diploma.

(L.RAHESH GOUD) INTERNAL GUIDE

(DR. L.RÅJESH GOUD) HEAD OF THE DEPARTMENT



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## CERTIFICATION

This is to certify that the project title "EMPLOYEE MOTIVATION" submitted in partial fulfilment for the award of MASTER OF BUSNIESS aSMINISTRATION by "KARRI SAI YAMINI" roll no. 19E31E0014 to the department of management studies, Mahaveer Institute of Science and rechnology, affiliated to JNTU, Hyderabad has been carried out under the guidance of "L.RAJESH GOUD" Assist. Professor, Department of management studies MIST.

This project report has not been submitted to any other university of Institution for the award of any Degree/Diploma.

Annow Anne Martin COS.

(L.RAJESH GOUD)

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(L.RAJESH GOUD)

## HEAD OF DEPARTMENT

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tsnpuri, Bandlaguda, Post : Keshavgiri, jerabad - 500 005. Telangana. INDIA 040-64593899, 20020772, 20020773 nail : mhvr2001@gmail.com Website : www.mist.ac.in





## **CERTIFICATION**

This is to certify that the project title "FINANCIAL STATEMENT ANALYSIS" submitted in partial fulfilment for the award of MASTER OF BUSNIESS ASMINISTRATION by "MANCHIREVLA KEERTHI" roll no. 19E31E0016 to the department of management studies, Mahaveer Institute of Science and Technology, affiliated to JNTU, Hyderabad has been carried out under the guidance of "G.KISHORE KUMAR" Assist. Professor, Department of management studies MIST.

This project report has not been submitted to any other university of Institution for the award of any Degree/Diploma.

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(G.KISHOREKUMAR)

INTERNAL GUIDE

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sapuri, Bandlaguda, Post : Keshavgiri, erabad - 500 005. Telangana, INDIA 040-64593899, 20020772, 20020773 al : mhvr2001@gmail.com Website : www.mist.ac.in



## **CERTIFCATION**

This is to certify that the project title "360 DEGREE PERFORMANCE APPRISAL" submitted in partial fulfilment for the award of MASTER OF BUSNIESS ASMINISTRATION by "MOHAMMED AMER" roll no. 19E31E0019 to the department of management studies, Mahaveer Institute of Science and Technology, affiliated to JNTU, Hyderabad has been carried out under the guidance of "L.RAJESH GOUD" Assist. Professor, Department of management studies MIST.

This project report has not been submitted to any other university of Institution for the award of any Degree/Diploma.

(CH. RAGHUNATH REDDY) INTERNAL GUIDE

(L.RA SH GOUD)

PRINCIPAL HEAD OF DEPARTMENT PRINCIPAL ER PAAMAVEER PAAMAVEER BANDEDICOLOGICULA HEEMOLOGI BANDERGUDE, Hyd-500 905.





apuri, Bandlaguda, Post Keshavgiri, abod - 500 005. Telangana, INDIA 10-64593899, 20020772, 20020773 I mhv2001@gmail.com Website www.mint.ac.in



## CERTIFCATION

This is to certify that the project title "EQUITY ANALYSIS OF PHARMA & HEALTHCARE STOCKS" submitted in partial fulfilment for the award of MASTER OF BUSNIESS ASMINISTRATION by "MOHD ISMAIL" roll no. 19E31E0020 to the department of management studies, Mahaveer Institute of Science and Technology, affiliated to JNTU, Hyderabad has been carried out under the guidance of "G. KISHORE KUMAR" Assist. Professor, Department of management studies MIST.

This project report has not been submitted to any other university of Institution for the award of any Degree/Diploma.

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## CERTIFICATION

This is to certify that the project title "WORKING CAPITAL" submitted in partial fulfillment for the award of MASTER OF BUSNIESS ADMINISTRATION by "NITISHA KUMARI PATEL" roll no. 19E31E0022 to the department of management studies, MAHAVEER INSTITUTE OF SCIENCE AND TECHNOLOGY, affiliated to JNTU, Hyderabad has been screed out under the guidance of "CILRAGHUNATHREDDY" Assist professor, Department of management studies MIST.

This project report has not been submitted to any other university of Institution for the award of any Degree/Diploma.

602

(CIL RAGHUNATH REDDY) INTERNAL GUIDE

GOUDI





### CERTIFCATION

This is to certify that the project title "CAPITAL MARKET" submitted in partial fulfilment for the award of MASTER OF BUSNIESS ASMINISTRATION by "RAMPURIA VARSHA RANI" roll no. 19E31E0023 to the department of management studies, Mahaveer Institute of Science and Technology, affiliated to JNTU, Hyderabad has been carried out under the guidance of "CH.RAGHUNATHREDDY" Assist. Professor, Department of management studies MIST.

This project report has not been submitted to any other university of Institution for the award of any Degree/Diploma.

(CH. RAGHUNATH REDDY)

## INTERNAL GUIDE

PRINCIPAL MJ HAVEER INSTITUTE OF SOCIET Bandlaguda, Hyd-500 005.

SH GOUD)



Vyasapuri, Bandlaguda, Post. Keshavgiri, Hyderabad - 500 005. Telangana, INDIA Tel 040-64593899, 20020772, 20020773 E-mail. mhvt2001@gmail.com. Website...www.mist.ac.in



## CERTIFICATION

This is certify that the project titled "PAY ROLL MANAGEMENT" Submitted in Partial fulfilment for the award of MASTER OF BUSINESS ADMINISTRATION by "SIMHADRI BABU SAI KUMAR" Roll no: 19E31E0024 to the Department of Management Studies. Mahaveer Institute of Science and Technology, affiliated to JNTU, Hyderabad been Carried under the guidance of "KS. ARCHANA" Assist. Professor, Department of Management Studies (MIST)

This project report has not been submitted to any other university of institution for the award of degree/ diploma.

Telame

(KS. ARCHANA) INTERNAL GUIDE

(DR. K. KIRAN KUMAR) HEAD OF THE DEPARTMENT







puri, Bandlaguda, Post : Keshavgiri, abad - 500 005. Telangana, INDIA 10-64593899, 20020772, 20020773 10-64593899, 20020772, 20020773 10-64593899, 20020772, 20020773



#### CERTIFICATION

This is to certify that the project title "ONLINE TRADING "submitted in partial fulfilment for the award of MASTER OF BUSINESS ADMINISTRATIONby "S.SOWJANYA" roll no. 19E31E0025to the department of management studies, Mahaveer Institute of Science and Technology, affiliated to JNTU, Hyderabad has been carried out under the guidance of "CH.RAGHUNATH REDDY" Assist. Professor, Department of management studies MIST.

This project report has not been submitted to any other university of Institution for the award of any Degree/Diploma.

(CH.RAGHUNATH REDDY)

H GOUD)

HEAD OF DEPARTMENT

## INTERNAL GUIDE

PRINCIPAL MANAVEER INSTITUTE OF SCIENCE & TEGINOLOGY Bandleguda, Hyd-500 005.



sapari, Bandlaguda, Post : Keshavgiri, eratisd - 500 005. Telangana, INDIA pt0-54583899, 20020772, 20020773 al: wher2001@gmail.com Wobsite : www.mist.ac.in



## CERTIFICATION

This is to certify that the project title "COMPENSATION AND BENEFITS" submitted in partial fulfilment for the award of MASTER OF BUSNIESS ASMINISTRATION by "SALOMI" roll no. 19E31E0026 to the department of management studies, Mahaveer Institute of Science and Technology, affiliated to JNTU, Hyderabad has been carried out under the guidance of "KS.ARCHANA" Assist. Professor, Department of management studies MIST.

This project report has not been submitted to any other university of Institution for the award of any Degree/Diploma.

Archaine (KS.ARCHANA)

INTERNAL GUIDE

(L.RAJESH GOUD) HEAD OF DEPARTMENT

MAHAVEER INSTITUTE OF SCIENCE'S TECHNOLOGY Bandlaguda, HVd-500 005.

<sub>ssapuri.</sub> Bandlaguda, Post : Keshavgiri, derabad - 500 005. Telangana, INDIA 040-64593899, 20020772, 20020773 040-64593899, 20020772, 20020773 nall : mhvr2001@gmail.com Website : www.mist.ac.in



## **CERTIFICATION**

This is to certify that the project title "CAPITAL BUDGETING" submitted in partial fulfillment for the award of MASTER OF BUSNIESS ASMINISTRATION by "S.SWAPNA REDDY" roll no. 19E31E0027 to the department of management studies, MAHAVEER INSTITUTE OF SCIENCE AND TECHNOLOGY, affiliated to JNTU, Hyderabad has been carried out under the guidance of "CH. RAGHUNATH REDDY" Assist. Professor, Department of management studies MIST.

This project report has not been submitted to any other university of Institution for the award of any Degree/Diploma.

(CH.RAGHUNATH REDDY) INTERNAL GUIDE

SH GOUD)





asapuni, Bandlaguda, Post : Keshavgiri, derabad - 500 005. Telangana, INDIA 040-64593899. 20020772. 20020773 mail: mhvr2001@gmail.com Website: www.mist.ac.in



## CERTIFCATION

This is to certify that the project title "CASHFLOW STATEMENT" submitted in partial fulfilment for the award of MASTER OF BUSNIESS ASMINISTRATION by "YAKARI MAHESHWAR" roll no. 19E31E0029to the department of management studies, Mahaveer Institute of Science and Technology, affiliated to JNTU, Hyderabad has been carried out under the guidance of "K S ARCHANA" Assist. Professor, Department of management studies MIST.

This project report has not been submitted to any other university of Institution for the award of any Degree/Diploma.

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(K S ARCHANA)

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INTERNAL GUIDE

(L.RAJESH GOUD)

PRINCIPAL MAHAVEER INCTITUDE OF SCIENCE & RECRIGIOSS Nandlaguda, Hyd-500 005.



staputi, Bandlaguda, Post : Keshavgiri, derabad - 500 005. Telangana, INDIA 040-64593899, 20020772, 20020773 nal mhv/2001@gmail.com Website : www.mist.ac.in



## CERTIFICATION

This is certify that the project titled "RATIO ANALYSIS" Submitted in Partialfulfilment for the award of MASTER OF BUSINESS ADMINISTRATION by "M. SRIDHAR" Roll no: 19E31E0030to the Department of Management Studies, Mahaveer Institute of Science and Technology, affiliated to JNTU, Hyderabad been Carried under the guidance of "L. RAJESH GOUD" Assist. Professor, Department of Management Studies (MIST)

This project report has not been submitted to any other university of institution for the award of degree/ diploma.

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(L.RAJESH GOUD) INTERNAL GUIDE

(L. RAJESH GOUD)

HEAD OF THE DEPARTMENT



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CENTRAL POWER TRAINING INSTITUTE #8-3-167/E/1, G.T.S. COLONY, HYDERABAD-45, PH: 040-23431126

#### CERTIFICATE

This is to certify that the Mini Project work entitled "ROOF TOP SOLAR SYSTEM AND NETMETER TECHNOLOGIES" has been successfully carried out in the partial fulfilment for the award of the Degree of Bachelor of Technology in Electrical & Electronics Engineering, MAHAVEER INSTITUTE OF SCIENCE AND TECHNOLOGY.

This bonafide work is carried out by

#### K. VINEETH

(17E31A0216)

At CPTI (Central Power training Institute of TSSPDCL/ Hyderabad), with reference to Letter. No. DE/CPTI/Hyderabad/Mini Projects/S. No:05/20, Date: 27.07.2020 under the guidance of Sri. G SURESH BABU/AE/SAP/IT/TSSPDCL/HYD.

Place: Hyderabad Date: 07/01/2021



(Sri. A. Srinivas Rao)

Divisional Engineer CPTI, TSSPDCL, Hyderabad

PRINCIPALY MAHAVEER MAHAVEER MAHAVEER MATINIT OF SCENCE & TECHNOLOGY Bandiaguda, Hyd-500 005.



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#### CERTIFICATE

This is to certify that the mini project work titled "construction standards of 33/11kv substation" has been successfully carried out in the partial fulfillment for the award of the degree of Bachelor of technology in Electrical and Electronics Engineering, MAHAVEER INSTITUTE OF SCIENCE AND TECHNOLOGY.

This bonafide work is carried out by

TSSPOCI

Hydemba

M.SREE CHANDANA (17E31A0220)

(all the names should be there in cpti copy and college copy, individual names should be there in individual copy here)

At CPTI(central power training institute of TSSPDCL/Hyderabad),

With reference to :Lr.CGM(HRD)/GM(Adm)/AS(Estt)/PO-D/682-D3/2017,

Date: (your sanction reference) under the guidance of Mr. Raju naik/ADE/TSSPDCL/HYD.

sri . A.Srinivas Rao

Place: Hyderabad Date: 28/01/2021

sti . A.Srinivas Reo

Divisional Engineer/CPTI

Karly

PRINCIPAL MAHAVEER MAHAVEER Mittilli BI SOLIKI L ILOBKOIDGI Bandaguda, Hyd-500 005.

Contract with Care Contract



## TELANGANA STATE POWER TRANSMISSION CORPORATION LIMITED

## CERTIFICATE

This is to certify that A MINI PROJECT work entitled "A STUDY OF 220/132KV SUBSTATION BUDIDAMPADU", - Study at BUDIDAMPADU is confide work carried-out by

### A.MARUTHI

#### 18E35A0202

In practical fulfilment for the award of the Degree of bachelor of technology in ELECTRICAL & ELECTRONICS ENGINEERING By the student of MAHAVEER INSTITUTE OF SCIENCE AND TECHNOLOGY, Vyasapuri, Bandalaguda, post: Keshavagiri, Hyderabad-500005 Telangana, during the Period 01-06-2020 to 30-06-2020

Unily

PERMIT OF SERVICES

Asst. Divisional Engineer Maintenance, TS TRANSCO, 220 KV SS, BUDIDAMPADU. ASISTANT DIVISIONAL ENGINEER (ADE) MAINTENANCE, 220KV SS, TS TRANSCO BUDIDAMPADU, KHAMMAM DISTRICT



## TELANGANA STATE POWER TRANSMISSION CORPORATION LIMITED

## CERTIFICATE

This is certify that Mini project work titled "STUDY OF 220/132 KV SUBSTATION AI TRANSCO" Is the bonafied work of MAHAVEER INSTITUTE OF SCIENCE AND TECHNOLOGY Student

### A.MARUTHI (18E35A0202)

Under our guidance and supervision, submitted to the faculty of Department of Electrical and Electronics Engineering In particular fulfilment of the requirements for the award of Bachelor of Technology Education for mini project

IN

### ELECTRICAL AND ELECTRONICS ENGINEERING

As prescribed by JNTUH for 1(one) month

PROJECT GUIDE

TE.RAVI BABUJ ASISTANT DIVISIONAL ENGINEER (ADE)

Asst Divisional Engineer Maintenance, TS TRANSCO, ( Maintenance, TS TRANSCO, ( ASISTANT DIVISIONAL ENGINEER (ADE) MAINTENANCE, 220K V SS, TS TRANSCO BUDIDAMPADU, KHAMMAM DISTRICT

Karly

PRINCIPAL PROFESSION TEER INSTITUTE OF STREET & GORDLOGT Bandrapula, Hyd-S00 005.

Serviced with Carofscorver.

# TELANGANA STATE TRANSMISSION CORPORATION LIMITED BUDIDAMPADU, RAGHUNADHAPALEM(M), KHAMMAM DISTRICT, TELANGANA.



### CERTIFICATE

This is to certify that this is the bonafied record of the project report entitled "STUDY OF 220/132 KV SUBSTATION AI TRANSCO" carried out by

### A.MARUTHI (18E35A0202)

Third year student of btech in MAHAVEER INSTITUTE OF SCIENCE AND TECHNOLOGY Vyasapur, Bandlaguda, post: keshavgiri, Hyderabad during the academic year 2018-2021 in partial fulfilment of the requirement for the award of the degree of bachelor of technology in Electrical and Electronics Engineering at Budidampadu substation during 01-06-2020 to 30-06-2020 in switch yard and control room under the guidance of E. RAVI BABU (ADE)

Konly

F VEER Institute of ATALL & RECAMDODER Randinguese Hyd-500 005.

Asst Divisional Engineer Maintenance, 15 TRANSCO, 220 KV 55, BUDIDAMPADU. E.RAVI BABU OGT ASISTANT DIVISIONAL ENGINEER BUDIDAMPADU, KHAMMAM DISTRICT

Scienced web Carotsciences

Place Moosarambagh Date 28.01.2021

## CERTIFICATE

132/33 KV SUBSTATION

This is to certify that the Mim Project work antified "STUDY & MAINTENANCE

OF 132/33 KV SUBSTATION" has been successfully carried out in the partial fulfillment for

the award of the Degree of the Bachelor of Technology in Electrical & Electronics

Engineering, Mahaveer Institute of Science and Technology, Hyderabad.

This bonafide work is carried out by

#### KADITHYA

#### 171-31 (0213

At TSTRANSCO 132/33 KV Substation / Mossarambagh(Stn). Under the guidance of SHRTTSOWMVA/AE/OP/MOOSRAMBAGH.

FOR 132/33KV SUBSTATION

SURITSOWMYA

MENTOR NAME

FOR 132/33 KV SUBSTATION

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SIGNATURE OF THE TRAINING I/C

Assistant Engineer MAR/OP/MOOSABAMWAGHS Moontmakenh TSTRANSCO HYDEP ARAD 500 035



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### CERTIFICATE

This is to certify that the Mini Project work entitled "ROOF TOP SOLAR SYSTEM AND NETMETER TECHNOLOGIES" has been successfully carried out in the partial fulfilment for the award of the Degree of Bachelor of Technology in Electrical & Electronics Engineering, MAHAVEER INSTITUTE OF SCIENCE AND TECHNOLOGY.

This bonafide work is carried out by

CH. APARNA (17E31A0207)

At CPTI (Central Power training Institute of TSSPDCL/ Hyderabad), with reference to Letter. No. DE/CPTI/Hyderabad/Mini Projects/S. No:05/20, Date: 27.07.2020 under the guidance of Sri. G. SURESH BABU /AE/SAP/IT/TSSPDCL/HYD.

(Srl. A. Srinty

Divisional Engineer/CPTI

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Place: Hyderabad

Date: 31/10/20

INSTITUTE OF CORNER Bandlaguda, Hyd-500 005.

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## DECLARATION

This is to certify that Mini Project work reported in the present thesis titled

"Maintenance of 33/11KV Outdoor Substation"done by us in CENTRAL POWER TRAINING INSTITUTE (CPTI), HYDERABAD.

No part of the thesis is copied from books/journals/internet and where the portion is taken the same has been duly referred in the text. The reported work is based on the project work done entirely by us and not copied from the other source.

## SIGNATURE OF THE CANDIDATES

1. B Hoilpithan

The above bonafide students carried out mini project work and fulfilled project requirement and found satisfactory.

Signature of External Guide Name: Sri. S. RAJU NAIK Designation: A.D. E/CPTI/TSSPDCL

Date: 5 2 21

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### CERTIFICATE

This is to certify that the Mini Project work entitled "EARTHING AND GROUNDING PRACTICES" has been successfully carried out in the partial fulfilment for the award of the Degree of Bachelor of Technology in Electrical & Electronics Engineering, MAHAVEER INSTITUTE OF SCIENCE AND TECHNOLOGY.

This bonafide work is carried out by

SK. NAZEEM PASHA (17E31A0223)

At CPTI (Central Power training Institute of TSSPDCL/ Hyderabad), with reference to Letter. No. DE/CPTI/Hyderabad/Mini Projects/S. No:05/20, Date: 27.07.2020 under the guidance of Sri. S. RAJU NAIK /ADE/TRE/NORTH/SCADA/TSSPDCL/HYD.

Place: Hyderabad Date: 30 01 202

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(Sri. A. Srinivas Reo

Divisional Engineer/CPTI, TSSPDCL, Hyderabad.

CIPAL VEER THE DE SCIENCE & TECHNOLOGY Bandlaguda, Hyd 500 005

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132/33 KV SUBSTATION

Place Champur (Sm) Date 01-11-2020

## CERTIFICATE

This is to certify that the Mini Project work entitled "SILDY &

17131 11315

MAINTENANCE OF 132/23 KV SUBSTATION" has been successfully curried out in the

natial fulfillment for the award of the Depree of the Bachelor of Technology in Electrical &

Electronics Engineering, Mahaveer Institute of Science and Technology, Hyderabad,

NUMBER STORE

This benafide work is carried out by

At ISTRANSCO 132/33 KV Substation / Ghanpur(Stn) Under the guidance (SETHOTA YUGANDHAR/AE/OP/GHANPUR(Stn).

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FOR 132/33KV SUBSTATION

SELTABULA YUGANDHAR

MENTOR NAME

FOR 132/33 KV SUBSTATION

SIGNATURE OF THE TRAINING I/C

Maint T'S TRANSCO 13233KV SS, Ghanpar

AE/OP/GHANPUR (STN)



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## CONSCIENCE TECHNOLOGIES

A RIGHT PLATFORM FOR ALL ENGINEERS.

To The Head of the Department, Electronics & Communication Engineering Mahaveer Institute of Science & Technology, Vyasa Puri, Chandrayangutta, Hyderabad, Telangana 500005.

#### INTERNSHIP CERTIFICATE

#### TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ms. AKHILA, Roll Number – (17E31A0441), who is pursuing Electronics & Communication Engineering, Department at Mahaveer Institute of Science & Technology successfully completed her Internship program at ConScience Technologies Pvt Limited on Smart waste collection monitoring and alert system and has submitted the report.

During the Internship program period, the candidate has shown keen interest and commitment towards learning and her performance was good.

Duration: 05/10/2020 to 08/12/2020

Yours truly,



NUPAL

Address 917-83/2C, 3rd Floor, Opp. Bank of Maharashtov Annapuma Fucnction Hall Line, Dilsukhnagar, Hyderabae-500050. 2 : 040-6012 1199

www.consciencetechnologies.com info@consciencetechnologies.com

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#### INTERNSHIP CERTIFICATE

#### TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ms. Mounika Yadav, Roll Number - (17E31A0407), who is pursuing Electronics & Communication Engineering, Department at Mahaveer Institute of Science & Technology successfully completed her Internship program at ConScience Technologies Pvt Limited on Patient Health Monitoring System a d has submitted the report.

During the Internship program period, the candidate has shown keen interest and commitment towards learning and her performance was good.

Duration: 05/10/2020 to 08/12/2020

Yours truly,

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> Address #17-83/2C, 3rd Floor, Opp. Bank of Maharachtra, Annapurna Fucnetion Hall Line, Disukhnagar, Hyderabad Socoso. 1040-6012 1199

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To

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The Head of the Department. Information Technology. Mahaveer Institute of Science & Technology. Vyasa Puri, Chandrayangutta, Hyderabad, Telangana 500005.

### INTERNSHIP CERTIFICATE

## TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr./Ms. Bharadwaj Ajith(17E31A1205) & Meka Srikrishna(17E31A1218), who is pursuing Information Technology, Department at Mahaveer Institute of Science & Technology she successfully completed her Internship program at; Pantech Solutions Pvt Limited on Android Malware Detection Using Machine Learning and has submitted the report.

During the Internship program period, the candidate has shown keen interest and commitment towards learning and her performance was good.

Duration: 18-01-2021 to 20-02-2021

Yours truly.

Street & HERBERG Editor of the Soc Wis-In that is

4th Ficor, Deta Chambers, Ameerpel Circle, Near J C. Brothers, Ameerpel, Hyderabad - 50il 616. Phone : 010 - 40077960 E-mail : hyd@pantechmail.com www.pantechproed.com Teminadu | Andra Pradesh | Kerala | Mahaidshira

Pantech Solutions Pvt Ltd

## PARCECH SOLUTIONS

Technology Beyond the Dreams

#### PANHYD/INT/ML/08081

To

The Head of the Department. Information Technology. Mahaveer Institute of Science & Technology. Vyasa Puri, Chandrayangutta, Hyderabad, Telangana 500005.

#### INTERNSHIP CERTIFICATE

#### TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr./Ms. M.Bhavyasri (17E31A1215) & P.Vidyadhar(17E31A1232), who is pursuing Information Technology, Department at Mahaveer Institute of Science & Technology she successfully completed her Internship program at. Pantech Solutions Pvt Limited on Loan Approval Prediction Using Machine Learning and has submitted the report.

During the Internship program period, the candidate has shown keen interes, and commitment towards learning and her performance was good.

Duration: 18-01-2021 to 20-02-2021

Yours truly,

Pantech dution 0.5

(Branch Manager)



4th Floor, Deta Chambers, Ameerpel Circle, Near J C. Brothers, Ameerpel, Hydenabad - 500 016. Phone: 040 - 40071960 E-mail: hyd@pantechmail.com www.pantechproed.com Tamilnadu.(Andra Pradesh | Kerala.) Maharashtra PANHYD/INT/MI/08081

To

The Head of the Department. Information Technology. Mahaveer Institute of Science & Technology. Vyasa Puri, Chandrayangutta, Hyderabad, Telangana 500005.

## INTERNSHIP CERTIFICATE

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Technology Beyond the Dreams

## TO WHOMSOEVER IT MAY CONCERN

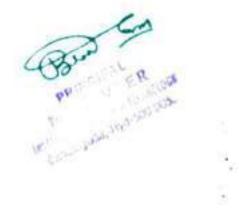
This is to certify that Mr./Ms. K.Vineetha(17E31A1232) & K.Himabindu(17E31A1211), who is pursuing Information Technology, Department at Mahaveer Institute of Science & Technology she successfully completed her Internship program at. Pantech Solutions Pvt Limited on Design Of Intellegent Shopping Using Ecommerce Trading and has submitted the report.

During the Internship program period, the candidate has shown keen interest and commitment towards learning and her performance was good.

Duration: 18-01-2021 to 20-02-2021

Youn truly.

(Branch Manager)



4th Feer, Deta Chambers, Ameerpel Circle, Naar J C. Brothers, Ameerpel, Hyderabac - Shill 11ti, Phone - 640 - 40077960 E-mail : hyd@stantechmail.com www.panlechproed.com : familitade [ Andra Frostoch ] Kerala ] Maharashtra

# PARTECH SOLUTIONS

Technology Beyonu the Dreams

#### PANHYD/INT/ML/08081

To

The Head of the Department, Information Technology, Mahaveer Institute of Science & Technology, Vyasa Puri, Chandrayangutta, Hyderabad, Telangana 500005.

#### INTERNSHIP CERTIFICATE

## TO WHOMSOEVER IT MAY CONCERN

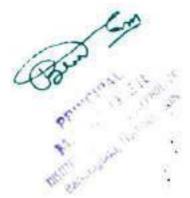
This is to certify that Mr./Ms. Mohammad Salman(16E31A1215), Mohammad Hussain Uddin(17E31A1222) & Mohammad Moin Uddin Siddiqui(17E31A1223) who is pursuing Information Technology, Department at Mahaveer Institute of Science & Technology she successfully completed her Internship program at; Pantech Solutions Pvt Li<sup>\*</sup>, ited on AI Car Speed Control Using Hand Gestures Recognization and has submitted the report.

During the Internship program period, the candidate has shown keen interest and commitment towards learning and her performance was good.

Duration: 18-01-2021 to 20-02-2021

Yours truly,

(Branch Manager)



Ath Floor, Deita Chambers, Ameerpet Circle, Near J C. Brothers, Ameerpet, Hyderabad - 506 015. Phone : 040 - 40077960 E-mail : hyd@pantechmail.com www.pantechproed.com: Tamiinadu | Andra Pradesh | Kerala | Mahareshtra



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PANHYD/INT/ML/08081

To

The Head of the Department, Information Technology, Mahaveer Institute of Science & Technology, Vyasa Puri, Chandrayangutta, Hyderabad, Telangana 500005.

#### INTERNSHIP CERTIFICATE

#### TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr./Ms. G.Shyamala(17E31A1209) & M.Akshitha(17E31A1217), who is pursuing Information Technology, Department at Mahaveer Institute of Science & Technology she successfully completed her Internship program at; Pantech Solutions Pvt Limited on Real Time Object Detection Using Deep Learning And Python Model and has submitted the report.

During the Internship program period, the candidate has shown keen interest and commitment towards learning and her performance was good.

Duration: 18-01-2021 to 20-02-2021

Yours truly,



4th Floor, Delta Chambers, Ameerpel Circle, Near J C. Brothers, Ameerpel, Hyderabad - 500 016. Phone : 140 - 40077960 E-mail : hyd@pantechmail.com www.pantechproed.com Turninadu | Andra Pradesh | Kerala | Maharushtra

Pantech Solutions Pvt Ltd



#### PANHYD/INT/ML/08081

To

The Head of the Department, Information Technology, Mahaveer Institute of Science & Technology. Vyasa Puri, Chandrayangutta, Hyderabad, Telangana 500005.

#### INTERNSHIP CERTIFICATE

#### TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr./Ms. Chintala Prashansha(17E31A1207) & Patha Saikiran(17E31A1227), who is pursuing Information Technology, Department at Mahaveer Institute of Science & Technology she successfully completed her Internship program at: Pantech Solutions Pvt Limited on Software Fault Detection Using Machine Learning and has submitted the report.

During the Internship program period, the candidate has shown keen interest and commitment towards learning and her performance was good.

Duration: 18-01-2021 to 20-02-2021

Yours truly,

(Branch Manager)



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#### PANHYD/INT/ML/08081

To

The Head of the Department, Information Technology, Mahaveer Institute of Science & Technology, Vyasa Puri, Chandrayangutta, Hyderabad, Telangana 500005.

#### INTERNSHIP CERTIFICATE

#### TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr./Ms. Lakshika Pareek(17E31A1213) & Ravutla Pranecth(17E31A1229), who is pursuing Information Technology, Department at Mahaveer Institute of Science & Technology she successfully completed her Internship program at; Pantech Solutions Pvt Limited on Regression Model Using Machine Learning and has submitted the report.

During the Internship program period, the candidate has shown keen interest and commitment towards learning and her performance was good.

Duration: 18-01-2021 to 20-02-2021

Yours truly,

(Branch Manager)



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Technology Beyond the Dreams

4th Floor, Deha Chambers, Ameerpet Circle, Near J.C. Brothers, Ameerpet, Hyderabad - 500 016. Phone: 040 - 40077960 E-mail: hyd@panlechmail.com www.panlechproed.com Tamiinadu | Andra Pradesh | Kerala | Maharashtra

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#### PANHYD/INT/ML/08081

To

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The Head of the Department. Information Technology. Mahaveer Institute of Science & Technology. Vyasa Puri, Chandrayangutta, Hyderabad, Telangana 500005.

#### INTERNSHIP CERTIFICATE

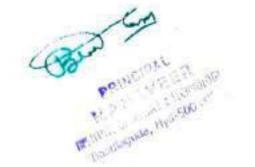
## TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr./Ms. S Navya(17E31A1230) & K Vinitha(17E31A1212) who is pursuing Information Technology, Department at Mahaveer Institute of Science & Technology she successfully completed her Internship program at; Pantech Solutions Pvt Limited on Text to speech Using Python and has submitted the report.

During the Internship program period, the candidate has shown keen interest and commitment towards learning and her performance was good.

Duration: 18-01-2021 to 20-02-2021

Yours truly,



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FIELD TRIP OF STUDENTS TO ISRO 26/11/2021







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FIELD TRIP OF STUDENTS TO INFOSYS CAMPUS ON 31<sup>st</sup> AUGUST 2019





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FIELD TRIP OF STUDENTS TO INFOSYS CAMPUS ON 18TH SEPTEMBER 2018





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