

M V G R COLLEGE OF ENGINEERING(A)

Chintalavalasa, Vizianagaram-535005

Accredited by NAAC with 'A' Grade & Listed u/s 2(f) & 12(B) of UGC
(Approved by AICTE, New Delhi and Permanently Affiliated by JNTUK-Kakinada)

Metric No: 3.7.1

DVV Comment:

Provide Copies of collaboration/related documents of (institution's name) Kotak Securities Jizdal Steelcity securities Ltd. Aurbindha Pharma Ltd. for the year 2015-16, Vizag Steel APSRTC APSRTC Hindustan Shipyard Ltd for the year 2016-17, Water resource department, S. Kota GVMC Vishakapatam Coramandel APSRTC NTPC for the year 2017-18, IGIAT Visakhapatnam port trust Survey for Cottages at Simhachalam Devasthanam, Visakhapatanam. Bharat Heavy Electricals LTD for the year 2018-19 and "Uniparts India Private Limited, Vishkapatnam" IIT Tirupati, IIT Madras, IIT Indore Visakhapatnam Steel plant-RINL vishaka welding institute for the year 2019-20 indicating the nature of collaboration and activities year-wise. DVV has counted one institution once for a year.

HEI Response

Copies of collaboration/related documents of all the above are provided as a single copy:

Sl. No.	Year	Name of the collaborating agency with contact details	Page Nos.
1	2015-16	Kotak Securities	01 to 04
2		Jizdal	
3		Steelcity securities Ltd.	
4		Aurbindha Pharma Ltd.	
5	2016-17	VIZAG Steel plant	05 to 08
6		Hindustan Shipyard Ltd	
7		APSRTC	
8	2017-18	Water resource department, S. Kota	09 to 14
9		GVMC Vishakapatam	
10		Coramandel	
11		APSRTC	
12		NTPC	
13	2018-19	IGIAT	15 to 25
14		Visakhapatnam port trust	
15		Survey for Cottages at Simhachalam Devasthanam, Visakhapatanam.	
16		Bharat Heavy Electricals LTD	
17	2019-20	Uniparts India Private Limited, Vishkapatnam	26 to 37
18		IIT Tirupati, IIT Madras, IIT Indore	

2015-16

MAHARAJ VIJAYARAM GAPATHI RAJ COLLEGE OF ENGINEERING(AUTONOMOUS)

Vijayaram Nagar Campus, Chintalavalasa, Vizianagaram-535005, Andhra Pradesh

Accredited by NAAC with 'A' Grade & Listed u/s 2(f) & 12(B) of UGC

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NBA Accredited UG Courses: B.Tech(MEC), B.Tech(CIV), B.Tech(EEE), B.Tech(ECE), B.Tech(CSE), B.Tech(IT),
B.Tech(MEC) & B.Tech(CHE) and PG Course: MBA

JSL/HR/2015

12.10.2015

CERTIFICATE

This is to certify that **Ms.Y. NEERAJA**, MBA student of **M.V.G.R.College of Engineering**, Vizianagaram-535 005. She has completed her project work on **"WORKING CAPITAL"** in our Organisation **M/s. JINDAL STAINLESS LIMITED**, FAD (Division), Jindal Nagar, Kothavalasa Mandal, Vizianagaram-District, from **04.05.2015** to **06.06.2015** in our Accounts Department.

We wish her all success in his future endeavours

For JINDAL STAINLESS LIMITED,



GOPALA KRISHNA.J
AGM – HR & ADMN.



Jindal Stainless Limited

JSL Stainless Limited

Works : Ferro Alloys Division, Jindal Nagar,
Kothavalasa - 535 183, Dist. Vizianagaram
Phone : 91-8966-273254, 327,395 Fax : 91-8966-273326
City Office : Jindal Bhavan, 58-17-1/1, Sanjeevayya Nagar,
NAD Kotha Road Jn., Visakhapatnam - 530 009
Phone : 91-891-2574998, Fax : 91-891-2574996

STEEL CITY SECURITIES LIMITED

ISO 9001 : 2008 CERTIFIED COMPANY

CIN: U67120AP1995PLC01952

MEMBER OF NSE, BSE & MCX-SX

MARKET, F&O DERIVATIVES & CURRENCY DERIVATIVES SEGMENTS

Nos. INB 230806132, INB 010806132, INB 260806139, INF 230806132

INF 011156438, INF 260806139, INE 230806132, INE 260806132

POINT OF PRESENCE OF NSDL-CRA
DEPOSITORY PARTICIPANT (DP) OF

NSDL SEBI Regd. No. N-DP-NSDL-191-2001

CDSL SEBI Regd. No. IN-DP-CDSL-135-2001

June 30, 2015

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr. Yeturi Nagendra, Reg. No. 14331E0089 from MVGR College of Engineering, JNTU, Kakinada, Andhra Pradesh has undergone project-work in our organization from 4th May 2015 to 6th June 2015 on the topic "Online Trading in Capital Market Segment - NSE" with reference to Steel City Securities Ltd., Visakhapatnam

During his project work we found his conduct is good and sincere.

We wish him all success in his future endeavors.

For STEEL CITY SECURITIES LIMITED



SATISH KUMAR ARYA
Director Operations



Date: 16th July 2015

CERTIFICATE

This is to certify that **Mr. P. Pavan Kumar**, M.B.A student of J.N.T. University has completed Industrial relations in HR Practices at our unit situated at survey No. 61-69, IDA, Pydibhimavaram (Village), Ranasthalam (Mandal), Srikakulam (Dist) from 06-05-2015 to 10-06-2015. During the training period his performance & conduct are found to be good.

For Aurobindo Pharma Ltd.,


R. Prabhala Rao
Sr. Manager -- HR & Admin.
16/07

AUROBINDO PHARMA LTD

Unit XI : Sy. No. 61-66, IDA, Pydibhimavaram, Ranasthalam (Mandal), Srikakulam District - 532 409. A.P., INDIA Tel: ++91 8942 288 331/ 332 / 334 / 292 Fax: ++ 91 8942 288 293

Regd. Off. : Plot No. 2, Maitrivihar, Ameerpet, Hyderabad - 500 038 A.P., INDIA Tel: ++ 91 40 6672 5000 Fax ++ 91 40 2374 6830 = 2374 1080 E 37

FAN No. AABCA7366H

www.aurobindo.com

2016-17

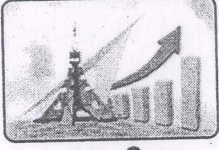
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B.Tech(MEC) & B.Tech(CHE) and PG Course: MBA



राष्ट्रीय इस्पात निगम लिमिटेड Rashtriya Ispat Nigam Limited
विशाखपट्टणम इस्पात संयंत्र Visakhapatnam Steel Plant
तकनीकी प्रशिक्षण केन्द्र Technical Training Institute
विशाखपट्टणम Visakhapatnam-530031

No. 2016/ 0003667
0003667

प्रमाण पत्र CERTIFICATE

S1606TNO2022-1162

प्रामाणित किया जाता है कि श्री/This is to certify that

Mr./Ms. KANDIREGULA PRUTHVI RAJ a student of

(वर्ष/पाठ्यक्रम/शाखा Year/Course/Branch/ III/B TECH/MECHANICAL

विद्यार्थी ने from MVGR COLLEGE OF ENGINEERING, VIZIANAGARAM से

has undergone INTERNSHIP प्रशिक्षण training विशाखपट्टणम इस्पात संयंत्र

के at Visakhapatnam Steel Plant in COKE OVENS & COAL CHEMICALS PLANT

विभागों में depts. from दि 06/06/2016 से to 18/06/2016 तक प्राप्त किया।

परियोजना शीर्षक The project title is *****

है।

प्रशिक्षण अवधि में उनका आचरण His/Her conduct during the period of training is

GOOD है।

स्थल/Place : Visakhapatnam

दि/Date 18/06/2016

प्रशिक्षण समन्वयक के हस्ताक्षर मोहर के साथ।
Signature of Training Co-Ordinator with Seal

ज. प्रभाकर राव - J. PRABHAKARA RAO
प्रबंधक (प्रशिक्षण) - Manager (Trg.)
तकनीकी प्रशिक्षण संस्थान
Technical Training Institute
आर आई एन प्ला, विशाखपट्टणम
RINL, Visakhapatnam Steel Plant
विशाखपट्टणम-Visakhapatnam-530 031

Ref T&D/241 / 1107/17

Date: 27.05.2017

CERTIFICATE

This is to certify that Mr. / Ms. **KARANAM PAVAN** (photograph is affixed below) is the son / daughter of Sri. K. Satti Babu, studying B.Tech. III Year Mechanical Engineering in M. V. College of Engineering, Vizianagaram has undergone Industrial Training in Ship Repair Division from 22.05.2017 To 27.05.2017. His / Her conduct during the above period is found to be GOOD.



कृत हिन्दुस्तान शिपयार्ड
For Hindustan Shipyard

जी. पेरुमाल / G. PERUMAL
प्रशिक्षण प्रबंधक (प्रशिक्षण एवं
Training & Development Manager



ఆంధ్రప్రదేశ్ రాష్ట్ర రోడ్డు రవాణా సంస్థ
Andhra Pradesh State Road Transport Corporation

Office of the Works Manager,
Zonal Work Shop, Vizianagaram.

No: M1/812(1)/2017- ZWS/VZM.

Date: 05-06-2017.

CERTIFICATE

This is to certify that Mr. KARRI RAJESH, REGD NO-14331A0382 of III/IV B.Tech., in Mechanical Engineering of **MVGR COLLEGE OF ENGINEERING, CHINTHALAVALASA, VIZIANAGARAM DISTRICT**, has attended to Zonal Work Shop, APSRTC, VZM., for ONE WEEK Plant visit and undergone training particularly in Engine Section, Unit Section, Electrical Section, Machine Shop, Fuel Injection Equipment Section, Body Shop and Tyre Retreading Shop, Vizianagaram from 17-05-2017 to 23-05-2017.

Place : VIZIANAGARAM
DATED: 05-06-2017.

WORKS MANAGER
ZWS::VIZIANAGARAM
Works Manager
APSRTC, Zonal Work Shop,
VIZIANAGARAM

2017-18

MAHARAJ VIJAYARAM GAPATHI RAJ COLLEGE OF ENGINEERING(AUTONOMOUS)

Vijayaram Nagar Campus, Chintalavalasa, Vizianagaram-535005, Andhra Pradesh

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CERTIFICATE OF INTERNSHIP

This is to certify that Mr./Mrs. S. BABY PRASANNA Student of MAHARAJ VIJAYRAM GAJAPATHIRAJ COLLEGE OF ENGINEERING, Vizianagaram of III year completed B. tech Civil Engineering having Registration no: 15335A0120 successfully completed the internship programme from 9th may to 30th may 2018 in our organisation GVMC at Visakhapatnam.

I hereby certify that his/her work Excellent/Good/Satisfactory to the best of my knowledge.

[Handwritten Signature] 14/06/17
Signature of a Registered Person
Greater Visakhapatnam
Municipal Corporation
VISAKHAPATNAM



GOVERNMENT OF ANDHRA PRADESH
WATER RESOURCES DEPARTMENT
CERTIFICATE

This is to certify that Mr./Mrs. CHINTALAPUDI EMMANUEL VIJAY KUMAR

a student of

(year/course/branch) III / B TECH / CIVIL from
MVGR COLLEGE OF ENGINEERING, VIZIANAGARAM has
undergone INTERNSHIP training at Water Resources dept. S.Kota
Sub division, S.Kota from 23 / 05 / 2017 to 06 / 06 / 2017.
His/Her conduct during the period of training is GOOD.

Place: S. Kota

Date: 30-6-17

[Signature]
Assistant Executive Engineer
S.Kota section
S.Kota

[Signature]
30-6-17
Deputy Executive Engineer
S.Kota Sub Division
S.Kota

14331A0123

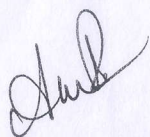
Date: June 12, 2018

CERTIFICATE

This is to certify that *Ms. Vinakoti Sireesha (15331A0377)*
(B.Tech-Mechanical Engineering) student of Maharaj Vijayaram
Gajapathi Raj College of Engineering, Vijayaram Nagar
Campus, Chintalavalasa, Vizianagaram, A.P, Pin No.: 535005,
India. Has pursued her *Internship* on *Equipment Used in*
Manufacturing Sulphuric Acid Plant in our Organization between
26-May-2018 to 10-Jun-2018.

During the period she was found very hard working and
dedicated towards her work.

For Coromandel International Ltd.,


Anita Patnaik.V
Dy. Manager - L&D



Registration No. 1218/2018-19



ఆంధ్రప్రదేశ్ రాష్ట్ర రోడ్డు రవాణా సంస్థ
Andhra Pradesh State Road Transport Corporation

Office of the Works Manager,
Zonal Work Shop, Vizianagaram.

No: M1/812(1)/2017- ZWS/VZM.

Date: 19-06-2017

CERTIFICATE

This is to certify that Mr. YEJJALA CHANUKYA, REGD NO-14331A03H8 of III/IV B.Tech in Mechanical Engineering of M.V.G.R. COLLEGE OF ENGINEERING (AUTONOMOUS), VIZIANAGARAM DISTRICT, has attended to Zonal Work Shop, APSRTC, VZM., for ONE WEEK Plant visit and undergone training particularly in Engine Section, Unit Section, Electrical Section, Machine Shop, Fuel Injection Equipment Section, Body Shop and Tyre Retreading Shop, Vizianagaram from 12-06-2017 to 19-06-2017.

Place : VIZIANAGARAM
DATED: 19-06-2017.

WORKS MANAGER
ZWS::VIZIANAGARAM
Works Manager
A.P.S.R.T.C., Zonal Work Shop
VIZIANAGARAM



NTPC LIMITED
Simhadri Super Thermal Power Station
Regional Learning Institute
Visakhapatnam - 531 020

सिम्हाद्री
SIMHADRI

Ref. No. : SMPP/RLI/

CERTIFICATE

Date : 05-06-18

This is to Certify that Mr. / Mrs. / Ms. Asu Vamsi Surya Sharmukha Rama Teja
of MVGR college of engineering
affiliated to INTU University has undertaken
In-Plant Training / Study / Project Work on mechanical operations in thermal
power plant at NTPC Regional Learning Institute, Visakhapatnam
From 21/5/18 to 5/6/18 in partial fulfillment of B.Tech - mech
He / She has completed the in plant Training / Study / Project Work satisfactorily and submitted
the report to RLI. His / Her conduct was Satisfactory during the above period.
We wish him/her success in future endeavor.



Authorised Signatory with Seal
K. Krishna Murthy

K. Krishna Murthy

2018-19

MAHARAJ VIJAYARAM GAPATHI RAJ COLLEGE OF ENGINEERING(AUTONOMOUS)

Vijayaram Nagar Campus, Chintalavalasa, Vizianagaram-535005, Andhra Pradesh

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B.Tech(MEC) & B.Tech(CHE) and PG Course: MBA



ISO 9001, ISO 14001 OHSAS - 18001 :: ISPS PORT

विशाखपट्टणम पोर्ट ट्रस्ट
VISAKHAPATNAM PORT TRUST



SAGARMALA
PORT-LED PROSPERITY

No. IGAD/PROJ/2018

Dt.03.07.2018

CERTIFICATE

This is to certify that **Miss.B.GIRIJA, B.Tech.(Civil.)** Student in the MVGR College of Engineering(A), Vizianagaram, has successfully completed her Internship in the field of “ **Civil Engineering**” in Engineering Department of Visakhapatnam Port Trust from 18.05.2018 to 07.06.2018.

Her performance and conduct during the said period is

“SATISFACTORY”


03/07/18
SECRETARY
SECRETARY
Visakhapatnam Port Trust
VISAKHAPATNAM

Certificate

SURABATTULA SAI MANOJ KUMAR

Successfully Completed Training Program in

STRUCTURAL DESIGN

From 14th May 2018 to 5th June 2018

The following subject matters were covered in this training:

- ❖ Overview of Structural Design Concepts with study of features of design software
- ❖ Introduction to Staad-pro & its features
- ❖ Model Generation
- ❖ Performing Analysis and Design
- ❖ Post-processing

Visakhapatnam, 5th June.2018


Co-ordinator




Director


Certificate Number: 30937

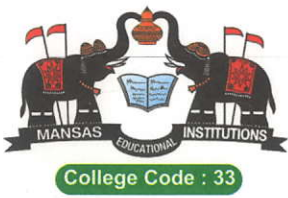
Code: 18/SD/01/24

**Indo-German Institute of
Advanced Technology**

(A Joint Project of Govt. of Andhra Pradesh, Govt. of Germany and Gayatri Vidya Parishad)
Society registered in Andhra Pradesh vide Society No. 1014 of 2003

38-22-29, Industrial Estate, Visakhapatnam - 530 007, Andhra Pradesh
For Verification Visit : www.igi.at

Supported by the
German Govt. through  **giz**



Since 1997

MVGR College of Engineering (Autonomous)

VIJAYARAM NAGAR CAMPUS, CHINTALVALASA VIZIANAGARAM-535 005

Phone : 08922-241199, 241732, e-mail : info@mvgrce.edu.in

Website : www.mvgrce.edu.in

TO WHOMSOEVER IT MAY CONCERN

The following students have successfully completed the internship “Proposed layout for planning 20 cottages and 300 rooms at Simhachalam Devasthanam” during the Academic Year 2018-19.

Sl.No.	Register No.	Name of the Student
1	16335A0105	D HARITA
2	16335A0116	L SRAVANI
3	16335A0115	K SARANYA
4	15331A0119	B GIRIJA
5	15331A0138	J ANJANA
6	15331A0140	J S SIRISHA

W. Sai Durpal
Dept. Internship Coordinator

[Signature]
HOD-CIVIL ENGG.
Head of the Department
Department of Civil Engineering
M.V.G.R. College of Engg. (Autonomous)
Chintalavalasa, Vizianagaram - 535 005



Since 1997

MVGR College of Engineering (Autonomous)

VIJAYARAM NAGAR CAMPUS, CHINTALVALASA VIZIANAGARAM-535 005

Phone : 08922-241199, 241732, e-mail : info@mvgrce.edu.in


Website : www.mvgrce.edu.in

TO WHOMSOEVER IT MAY CONCERN

The following students have successfully completed the internship “Proposed layout for planning 20 cottages and 300 rooms at Simhachalam Devasthanam” during the Academic Year 2018-19.

Sl.No.	Register No.	Name of the Student
1	15331A0121	B SURESH
2	16335A0101	A MANOJ KUMAR
3	16335A0103	CH SYAM
4	16335A0111	J PAVAN KUMAR
5	16335A0113	K BHARATI


Dept. Internship Coordinator


HOD-CIVIL ENGG.
Head of the Department
Department of Civil Engineering
M.V.G.R. College of Engg. (Autonomous)
Chintalavalasa, Vizianagaram - 535 005

PROPOSED LAYOUT FOR PLANNING 20 COTTAGES AND 300 ROOMS AT SIMHACHALAM DEVASTHANAM

BY

TEAM HOLIC (3RD YEAR CIVIL ENGINEERING STUDENTS):

- 1.B.SURESH (15331A0121)
- 2.A.MANOJ KUMAR (16335A0101)
- 3.CH.SYAM (16335A0103)
- 4.J.PAVAN KUMAR (16335A0111)
- 5.K.BHARATI (16335A0113)



DEPARTMENT OF CIVIL ENGINEERING

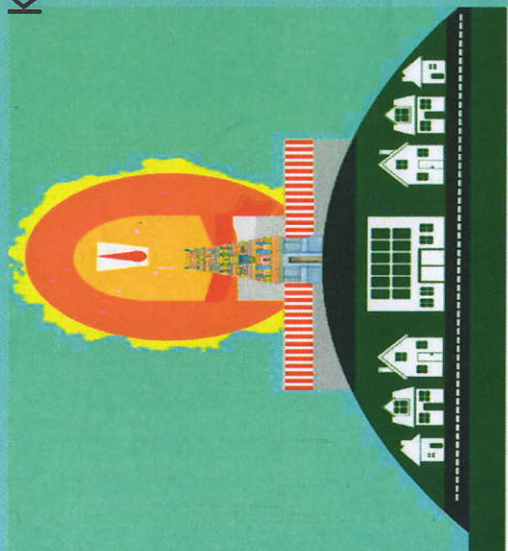
MAHARAJ VIJAYARAM GAJAPATHI RAJ COLLEGE OF ENGINEERING

PROPOSED LAYOUT FOR 300 ROOMS & 20 COTTAGES AT SIMHACHALAM DEVASTANAM

BY
||| B.Tech civil engineering students

D.HARITA (16335A0105) B.GIRIJA(15331A0119)
L.SRAVANI(16335A0116) J.ANJANA(15331A0138)
K.SARANYA(16335A0115) J.S.SIRISHA(15331A0140)

DEPARTMENT OF CIVIL ENGINEERING
MVGR COLLEGE OF ENGINEERING
VIZIANAGARAM (Autonomous)





6 (9) Student Develop. (a)

(7)

DEPARTMENT OF CIVIL ENGINEERING
MAHARAJ VIJAYARAM GAJAPATHI RAJ COLLEGE OF ENGINEERING
(AUTONOMOUS)
VIJAYARAM NAGAR CAMPUS, CHINTHALAVALASA
VIZIANAGARAM - 535 005 (A.P)

Date: 21.03.2018

To
The Principal
MVGR College of Engineering (A)

Sir,

Sub:- Request for reimburse the expenditure towards Students participation in project on
"Preparation of layout to 300 cottages at Simhachalam temple"-reg.

With your kind approval, the following students of our department carried out a project on
"Preparation of layout to 300 cottages at Simhachalam temple". For carrying out the project, some
expenditure has been incurred.

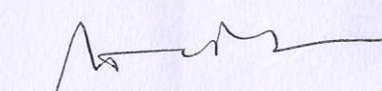
This expenditure can be met from the Head under Student Development a) Participation in
Seminars/conferences/Workshops in the budget of 2017-2018.

Amount sanctioned	: Rs. 1,00,000/-
Amount already utilized	: Rs. 72,846/-
Balance	: Rs. 27,154/-
Amount now requested to reimburse	: Rs. 7,396/-

In this regard, I request you to reimburse the above amount.

Thanking you,

Yours Sincerely


HOD-CIVIL ENGG.
Head of the Department
Department of Civil Engineering
M.V.G.R. College of Engg. (Autonomous)
Chintalavalasa, Vizianagaram - 535 005

8
21/3/18

Vizianagaram,

DT : 20/03/18.

To

The HOD,

Civil Department,

MVGR college of Engineering,

Vizianagaram.

Subject : Reimbursement of expenditure towards carrying a detailed study on layout preparation for cottages on Simbachalam Project temple.

Sir,

We, the students of civil 3rd year - A bearing roll no's 153310119, 121, 138, 140, 16335A0101, 103, 105, 111, 113, 115, 116 did a project on the layout preparation for cottages and rooms on Simbachalam temple. For carrying out this project, certain expenditure is incurred. Hence the details of expenditure are given in the statement attached to this letter.

Thanking you,

Yours faithfully,

J. Sriisha.

K. Lalanya

B. Girija

J. Anjana Devi

Ch. Syam

A. Manoj Kumar

J. Pavon Kumar

B. Suresh

K. Bharathi

D. Haritha

I. Praveeni

Received & forwarded.

20/3/18

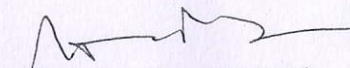
Head of the Department
Department of Civil Engineering
M.V.G.R. College of Engg. (Autonomous)
Chintalavalasa, Vizianagaram - 535 005

Enclosure : Statement of Expenditure.

Statement of Expenditure for carrying out a detailed study on the layout preparation for cottages and rooms on "SIMHACHALAM TEMPLE".

S.no	Description of expenditure	Bill no & Date	Amount(Rs)
1	Print out	112 22-01-18	150
2	Print out	120 30-01-18	400
3	Print out	54 01-03-18	380
4	Print out	46 09-02-18	450
5	Print out	57 10-02-18	80
6	Print out	Nil 10-02-18	60
7	Print out	Nil 01-03-18	56
8	Travelling charges	-	970
9	Travelling charges:-		
	Voucher 1	4435 20-03-18	1920
	Voucher 2	4435 20-03-18	2880

TOTAL =7396/- ✓


 Head of the Department
 Department of Civil Engineering
 M.V.G.R. College of Engg. (Autonomous)
 Chintalavalasa, Vizianagaram - 535 005



2018-19 (17)
भारत हेवी इलेक्ट्रिकल्स लिमिटेड

हेवी प्लेट्स एण्ड वेसल्स प्लांट, विशाखपट्टणम-530 012, ऑ.प्र., भारत

Bharat Heavy Electricals Limited

Heavy Plates & Vessels Plant, Visakhapatnam-530 012, A.P., India

Ref: HRDC/B/07/2019

CERT.NO:4122/01.05.2019

Date: 07/06/2019

CERTIFICATE

This is to certify that Mr BADIYA PAVAN S/o Shri BADIYA LAKSHMANA MURTHY studying B.Tech (Mech) in Maharaja Vijayaram Gajapathi Raj College of Engineering (A), Vizianagaram. Has done INTERNSHIP in BHEL-HPVP, Visakhapatnam from 01.05.2019 to 31.05.2019.

During the above period his CONDUCT & CHARACTER were found Very Good and we wish him a bright future.


(G Kuru Murthy)

Dy.General Manager (HRDC)

श्री. कुरु मूर्ति/G. KURU MURTHY
डि. जनरल प्रबन्धक (एचआरडीसी)
DY. GENERAL MANAGER (HRDC)
बी.एच.ई.एल. लि. (BHEL) - HPVP
विशाखपट्टणम, विशाखपट्टणम-530 012

2019-20

MAHARAJ VIJAYARAM GAPATHI RAJ COLLEGE OF ENGINEERING(AUTONOMOUS)

Vijayaram Nagar Campus, Chintalavalasa, Vizianagaram-535005, Andhra Pradesh

Accredited by NAAC with 'A' Grade & Listed u/s 2(f) & 12(B) of UGC

(Approved by AICTE, New Delhi and Permanently Affiliated by JNTUK-Kakinada)

NBA Accredited UG Courses: B.Tech(MEC), B.Tech(CIV), B.Tech(EEE), B.Tech(ECE), B.Tech(CSE), B.Tech(IT),
B.Tech(MEC) & B.Tech(CHE) and PG Course: MBA



राष्ट्रीय इस्पात निगम लिमिटेड Rashtriya Ispat Nigam Limited

विशाखपट्टणम इस्पात संयंत्र Visakhapatnam Steel Plant

तकनीकी प्रशिक्षण केन्द्र Technical Training Institute

विशाखपट्टणम Visakhapatnam-530031

No. 08630

0008630

प्रमाण पत्र CERTIFICATE

W8303TND2521-0136

प्रामाणित किया जाता है कि श्री/This is to certify that

Mr./Ms. YALLA CHANTIRAO a student of

(वर्ष/पाठ्यक्रम/शाखा Year/Course/Branch/ III/B TECH/MECHANICAL

विद्यार्थी ने from PVDR COLLEGE OF ENGINEERING(A), VIZIANAGARAM से

has undergone INTERNSHIP प्रशिक्षण training विशाखपट्टणम इस्पात संयंत्र

के at Visakhapatnam Steel Plant in RAW MATERIAL HANDLING PLANT

विभागों में depts. from दि 11/11/2019 से to 23/11/2019 तक प्राप्त किया।

परियोजना शीर्षक The project title is *****

है।

प्रशिक्षण अवधि में उनका आचरण His/Her conduct during the period of training is

GOOD है।

स्थल/Place : Visakhapatnam

दि/Date 23/11/2019

Mag
प्रशिक्षण समन्वयक के हस्ताक्षर मीहर के साथ
Signature of Training Co-Ordinator with Seal

जे. प्रभाकर राव-J. PRABHAKARA RAO
प्रबंधक (प्रशिक्षण)-Manager (Trg.)
तकनीकी प्रशिक्षण संस्थान
Technical Training Institute
आर आई एन एल विशाखपट्टणम इस्पात संयंत्र
RINL, Visakhapatnam Steel Plant
विशाखपट्टणम-Visakhapatnam-530 031

19-20

97043 22233



VISAKHA
Engineering Works
WELDING INSTITUTE
Estd : 2003



B. Sivakumar
97043 22233

TIG & ARC, MIG Welding, STEEL & PIPE FITTERS
Provisional Registration No. VSKC 0403705
E-mail : support@visakhawelding.com

Flat No-46, D-Block, Near R.T.O. Office, Autonagar, Visakhapatnam - 530 012, A.P.

Ref. :

Date :

CERTIFICATE

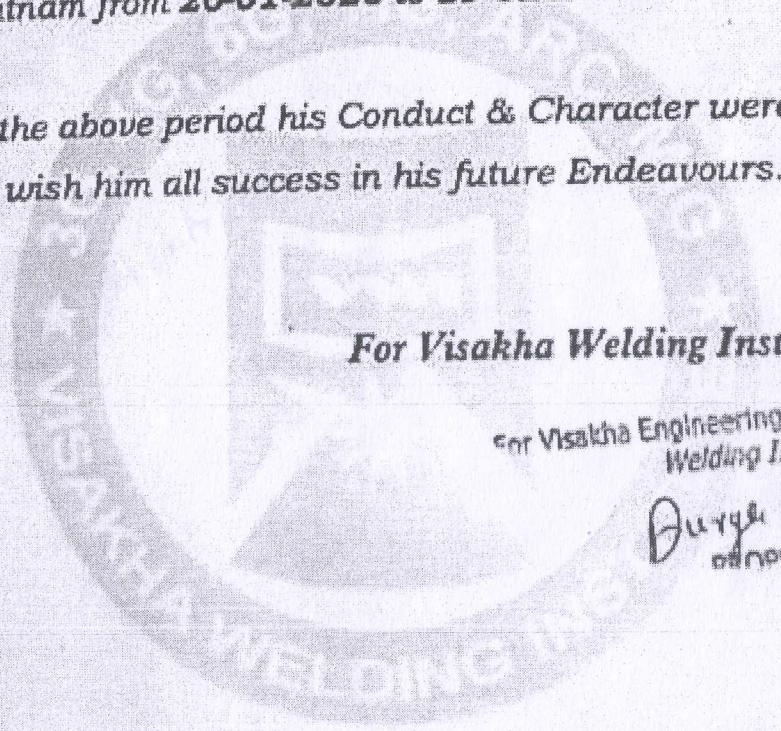
This is to certify that **Mr. HUSSAIN ALI, S/o. SHADIK ALI,** studying **B.Tech (Mech.)** in **Maharaj Vijayaram Gajapathi Raj College of Engineering (A), Vizianagaram** has successfully completed his one month **INTERNSHIP** in **Visakha Welding Institute, Visakhapatnam** from **20-01-2020** to **19-02-2020.**

During the above period his **Conduct & Character** were found very good and we wish him all success in his future Endeavours.

For Visakha Welding Institute

for Visakha Engineering Works
Welding Institute

Burgha fignw
PROPRIETOR



3.7.1.1: Total number of Collaborative activities per year for research/ faculty exchange/ student exchange/ internship/ on –the-job training/ project work

Sl. No.	Title of the collaborative activity	Name of the collaborating agency with contact details	Name of the participant	Year of collaboration	Duration	Nature of the activity
1	Implementation Of PLM Technique On Top Link Assembly	Uniparts India Private Limited, Vishkapatnam	R. Pavan Kumar, S Lalitha, T. Abhishek Mohan and R Mounika	2020	3 months	Project Work
2	Thermodynamic Performance Analysis Of Solid-Gas Adsorption Based Thermochemical Energy Storage System	IIT Tirupati, IIT Madras, IIT Indore	K.Usha Rani, S.Aswatdha, S.Teja Sai, V.L.Manikanta and Y.Sahiti	2020	3 months	Project Work



THERMODYNAMIC PERFORMANCE ANALYSIS OF SOLID-GAS ADSORPTION BASED THERMOCHEMICAL ENERGY STORAGE SYSTEM

*A Project report submitted
in partial fulfilment of the requirements for the award of the degree of*

BACHELOR OF TECHNOLOGY
in
MECHANICAL ENGINEERING
by

S.Aswatdha
(16331A03D8)

Under the esteemed guidance of

Dr. M. Siva Subrahmanyam
Associate Professor



**DEPARTMENT OF MECHANICAL ENGINEERING
MAHARAJ VIJAYARAM GAJAPATHI RAJ COLLEGE OF
ENGINEERING (Autonomous)**

**(Approved by AICTE, New Delhi, Re-accredited by NBA of AICTE, NAAC with 'A'
Grade of UGC and Permanently Affiliated to Jawaharlal Nehru Technological
University, Kakinada, Listed u/s 2(f) & 12(B) of the UGC Act 1956)**

VIZIANAGARAM

2016-2020

ACKNOWLEDGEMENT

We owe a lot of thanks to many people who have helped us and supported us during the course of our project.

We would like to express our deep sense of gratitude to our guide **Dr.M.Siva Subrahmanyam** associate professor, department of mechanical engineering for his wholehearted co-operation. unfailing, inspirational and valuable guidance throughout the project work, his useful suggestions and constant encouragement has helped us in completing the project successfully.

We also thank **Dr.K.V.L.Raju garu**, professor, principal MVGR college of Engineering extending his utmost support and co-operation in providing all the provisions for the successful completion of project.

We consider it our privilege to express our deepest gratitude to **Dr.S.Adinarayana garu**, professor and head of the department for the valuable suggestions and consent motivation greatly helped the project for to get successfully completed.

We also thank our **Parents and Friends** for their support during the whole project work.

We sincerely thank **Technical assistants** for the resources provided and their guidance. And thank all the **Other Faculty and Supporting Staff**, and mechanical department who helped us in doing our work with ease and perfection.

We thank all those who contributed directly or indirectly in successfully carrying out work with ease and perfection.

We would thank our institution, **Maharaj Vijayram Gajapathi Raj College of Engineering (A)** for providing us the facilities especially the **Sustainable Energy Research laboratory**, without which our project would not have been completed.

We would also thank **IIT Tirupati** and **IIT Indore** for providing facilities in Sophisticated Instrument Centre (SIC) and Sophisticated Analytical Instrument Facility (SAIF) to perform PCI measurements.

We would also thank **IIT Madras** for providing facilities to perform BET and SEM analysis and **Andhra University** for providing the facilities in Advanced analytical laboratory to perform TGA, DTA and DSC analysis.

S.Aswatdha (16331A03D8)



IMPLEMENTATION OF PLM TECHNIQUE ON TOP LINK ASSEMBLY

*A Project report submitted
in partial fulfilment of the requirements for the award of the degree of*

BACHELOR OF TECHNOLOGY

in

MECHANICAL ENGINEERING

by

R. Pavan Kumar
(16331A03D0)

T. Abhishek Mohan
(16331A03F6)

S. Lalitha
(16331A03F4)

R. Mounika
(17335A0327)

Under the esteemed guidance of

Mr Sri Harsha Dorapudi
Assistant professor



DEPARTMENT OF MECHANICAL ENGINEERING

MAHARAJ VIJAYARAM GAJAPATHI RAJ COLLEGE OF ENGINEERING

(Autonomous)

**(Approved by AICTE, New Delhi, Re-accredited by NBA of AICTE, NAAC with 'A' Grade of
UGC and Permanently Affiliated to Jawaharlal Nehru Technological University, Kakinada,**

Listed u/s 2(f) & 12(B) of the UGC Act 1956)

VIZIANAGARAM

2016 – 2020

ACKNOWLEDGEMENT

From the bottom of our hearts, we thank **Mr SRI HARSHA DORAPUDI**, Asst. professor in mechanical engineering for his guidance, support and encouragement. We wish to thank him for being source of unfailing inspiration. His valuable suggestions, inputs and criticisms have gone a long way to help us during this project work. We will forever be indebted to him for being there for us at any odd hour and for the understanding he showed.

We would like to express sincere thanks to our head of the department of mechanical engineering professor **DR. S. ADINARAYANA**, for his spontaneous expression of knowledge, which helped us in bringing up in this project who has been a great source of inspiration to our work.

We wish to express our deep sense of gratitude to our principal, **DR. K V L RAJU** for giving us the opportunity to carry out the project work successfully.

We are also thankful to **PRAVEEN KALLA**, associate professor in mechanical engineering for his support and guidance to our work.

We are also thankful to the **SIEMENS** centre of excellence located at Andhra University Visakhapatnam for their support, guidance tour work.

We would like to express our sincere thanks to the management of **UNIPARTS INDIA PVT. LTD. (APSEZ)**, for their support and patience all the time during the project and giving us permission to visit the industry.

We are also thankful to all other faculty and support staff of the Mechanical department who has helped us in doing our work with ease and perfection.

It is our privilege to express our gratitude to our parents and friends for their constant support.

R. Pavan Kumar (16331A03D0)
S. Lalitha (16331A03F4)
T. Abhishek Mohan (16331A03F6)
R. Mounika (17335A0327)

28th May, 2020

CERTIFICATE

This is to certify that the following Students of 8th Semester ,B Tech (Mechanical) of “**Maharaja Vijayaram Gajapathi Raj College of Engineering, Vizianagaram** have done their Project Work at our **Uniparts India Limited, Atchuthapuram, Visakhapatnam** from 9th Dec 2019 To 9th Mar 2020


- 1) R. Pavan Kumar (Roll No : 16331A03D0)
- 2) S. Lalitha (Roll No : 16331A03F4)
- 3) T. Abhishek Mohan (Roll No : 16331A03F6)
- 4) R. Mounika (17335A0327

During this tenure they were observed to be very keen to learn new things and found to be sincere & good.

We wish all the best for her future endeavors.

With Best Regards,

For UNIPARTS INDIA LIMITED,


K.S.S.Y Murali

Human Resources



DEPARTMENT OF MECHANICAL ENGINEERING
MVGR COLLEGE OF ENGINEERING - AUTONOMOUS

(Approved by AICTE, New Delhi, , NAAC of UGC with 'A' grade and Permanently Affiliated to JNTU, Kakinada, Listed U/S 2(f) & 12(B) of the UGC Act 1956. Department Re-Accredited by NBA of AICTE)



The student Project Work “ Thermodynamic Performance Analysis of Solid-Gas adsorption based Thermochemical energy storage system” which was done by our students in the AY 2019-20 is part of a Faculty Collaborative project (SERB-TARE) “ Synthesis and Characterization of Thermo Chemical Materials for Solar Energy Storage” with IIT, Tirupathi. The collaboration is in between Dr. M. S. Subrahmanyam, Associate Professor, MVGR and Dr. E. Anil Kumar, Associate Professor & Dean Sponsored Research& Consultancy, IIT, Tirupathi. As a part of this project the students used the test results obtained using the instrumentation facilities like SEM, BET, XRD, TGA, DSC and PCI Measurement at IIT Tirupathi, IIT, Madras, and IIT Indore & Andhra University.

FILE NO. TAR/2018/000064
SCIENCE & ENGINEERING RESEARCH BOARD(SERB)
(A statutory body of the Department of Science & Technology, government of India)

5 & 5A, Lower Ground Floor
Vasant Square Mall
Plot No. A, Community Centre
Sector-B, Pocket-5, Vasant Kunj
New Delhi-110070

Dated: 22-Feb-2019

ORDER

Subject: Financial Sanction under Teachers Associateship for Research Excellence (TARE) to **Dr. S Subrahmanyam Mendu, Maharaj Vijayaram Gajapathi Raj College Of Engineering , Vijayaram Nagar Campus, Chintalavalasa, Vizianagaram, Vizianagaram, Andhra Pradesh-535005**- under the mentorship of **Dr. E. Anil Kumar, at Indian Institute of Technology Tirupati Indian Institute of Technology Tirupati, Tirupati-Renigunta Road, Settipalli post, Chittoor District, Tirupati, Andhrapradesh - 517506**- Release of 1st grant.

Sanction of Science and Engineering Research Board (SERB) is hereby accorded to the above mentioned grant at a total cost of **Rs. 18,30,000/- (Rs. Eighteen Lakh Thirty Thousand Only)** for a duration of 36 months. The date of start of the project will be 19 November, 2018. The items of expenditure for which the total allocation of **Rs. 18,30,000/-** has been approved are given below:

The following budget is proposed for

Maharaj Vijayaram Gajapathi Raj College Of Engineering , Vijayaram Nagar Campus, Chintalavalasa, Vizianagaram, Vizianagaram, Andhra Pradesh-535005 (Parent)

Sl. No.	Budget Head	Amount
1.	Fellowship	Rs. 0 (@0/- per month (consolidated))
2.	Research Grant	Rs. 2,50,000/- per annum
3.	Overheads	Rs. 25,000/- per annum

Indian Institute of Technology Tirupati Indian Institute of Technology Tirupati, Tirupati-Renigunta Road, Settipalli post, Chittoor District, Tirupati, Andhrapradesh - 517506 (Host)

Sl. No.	Budget Head	Amount
1.	Fellowship	Rs. 60,000 (on completion of 90 days mandatory attendance in the host institute every year)
2.	Research Grant	Rs. 2,50,000/- per annum
3.	Overheads	Rs. 25,000/- per annum

2. Sanction of the SERB is also accorded to the payment of **Rs. 2,75,000/- (Rupees Two Lakh Seventy Five Thousand only)** to **Maharaj Vijayaram Gajapathi Raj College Of Engineering, Vijayaram Nagar Campus, Chintalavalasa, Vizianagaram , Rs. 3,35,000/- (Rupees Three Lakh Thirty Five Thousand only)** to **Indian Institute of Technology Tirupati Indian Institute of Technology Tirupati, Tirupati-Renigunta Road, Settipalli post, Chittoor District, Tirupati, Andhrapradesh - 517506** being the first installment of the grant for the year 2018-2019 for implementation of the said research project.

3. The expenditure involved is debit to

Fund for Science & Engineering Research (FSER)

This release is being made under Teachers Associateship For Research Excellence (TARE). (Mechanical & Manufacturing Engineering & Robotics)

4. The Sanction has been issued to with the approval of the competent authority vide Diary No. **SERB/F/11156/2018-2019** dated 13 February, 2019

5. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website (www.serb.gov.in).

6. Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.

7. As per rule 211 of GFR, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so.

8. The release amount of **Rs. 2,75,000/- (Rupees Two Lakh Seventy Five Thousand only)** will be drawn by the Under Secretary of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

Account Name	PRINCIPAL R&D
Account Number	3119101000931
Bank Name & Branch	CANARA BANK Canara Bank, MVGR College of Engineering Campus,Chintalavalasa, Vizianagaram-535005
IFSC/RTGS Code	CNRB0003119
Email address of PI	m.sivasubrahmanyam@gmail.com
Email id of A/C Holder	fomvgr@gmail.com
Email address of concerned officer	ms_tare@serbonline.in

The release amount of Rs. 3,35,000/- (Rupees Three Lakh Thirty Five Thousand only) will be drawn by the Under Secretary of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

Account Name	INDIAN INSTITUTE OF TECHNOLOGY TIRUPATI PROJECT ACCOUNTS
Account Number	35525105747
Bank Name & Branch	STATE BANK OF INDIA SETTIPALLI, TIRUPATI-517506, ANDHRA PRADESH
IFSC/RTGS Code	SBIN006677
Email address of PI	m.sivasubrahmanyam@gmail.com
Email id of A/C Holder	registrar@iittp.ac.in
Email address of concerned officer	ms_tare@serbonline.in

9. Both the institutes will furnish Utilization certificate (UCs) financial year wise to the SERB and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

10. The institute will maintain separate audited accounts for the fellowship. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the grant.

11. The File no. TAR/2018/000064 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.

12. As this is the first grant for the fellowship, no previous U/C is required.

13. The institute may refund any unspent balance to SERB by means of a Demand Draft favoring "FUND FOR SCIENCE AND ENGINEERING RESEARCH" payable at New Delhi.

14. The organization/institute/university should ensure that the technical support/financial assistance provided to them by the Science & Engineering Research Board, a statutory body of the Department of Science & Technology (DST), Government of India should invariably be highlighted/ acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.


15. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by the Science & Engineering Research Board, a statutory body of Department of Science & Technology (DST), Government of India.


(Dr. T Thangaradjou)
Scientist E
ms_tare@serbonline.in

To,
Under Secretary
SERB, New Delhi

Copy forwarded for information and necessary action to :-

1.	The Principal Director of Audit, A.G.C.R. Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB, New Delhi.
3.	File Copy
4.	(i) Dr. S Subrahmanyam Mendu Mechanical Engineering Maharaj Vijayaram Gajapathi Raj College of Engineering, Vijayaram nagar campus, chintalavalasa, vizianagaram, Vizianagaram, Andhra pradesh-535005 Email: m.sivasubrahmanyam@gmail.com Mobile: 919948267564 (ii) Dr. E. Anil Kumar Indian Institute of Technology Tirupati Indian Institute of Technology Tirupati, Tirupati-Renigunta Road, Settupalli post, Chittoor District, Tirupati, Andhrapradesh - 517506 (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit www.serb.gov.in .)
5.	(i) PRINCIPAL, Maharaj Vijayaram Gajapathi Raj College Of Engineering, Vijayaram Nagar Campus, Chintalavalasa, Vizianagaram (ii) Director Indian Institute of Technology Tirupati Indian Institute of Technology Tirupati, Tirupati-Renigunta Road, Settupalli post, Chittoor District, Tirupati, Andhrapradesh - 517506 (Receipt of Grant may be intimated by name to the undersigned)


(Dr. T Thangaradjou)
Scientist E
ms_tare@serbonline.in