



# SRI VENKATESWARA COLLEGE OF ENGINEERING (Autonomous)

Karakambadi Road, Opposite LIC Training Centre, Tirupati – 517 507.  
Accredited by NBA (B.Tech – CSE, ECE,EEE,Mech.,Civil and IT) & NAAC with 'A' Grade  
Approved by AICTE, New Delhi permanently affiliated to JNTUA, Ananthapuram.

---

## Department of Mechanical Engineering

Dt:15.06.2022

To  
The Principal  
SVCE, Tirupati.

Subject: Seeking permission for industrial visit

Respected Sir,

I am writing this letter on behalf of students Mechanical Engineering in order to seek your permission for an industrial visit to **INTEGRAL COACH FACTORY (ICF) Chennai**. The visit would be done on **24.06.2022**. This visit might help the students in attaining good knowledge in desired fields making it easy for them to understand the practical working of the machinery.

I ensure all students will definitely maintain the decorum at the place. I eagerly await your positive response.

Thanking you

Yours Sincerely,

(Dr. M Vamsi Krishna)

List of students participate in the industrial visit – on 24.06.2022, ICF chennai

S.no	Roll number	Name of the student	Contact number
1	19BF1A0301	A DHANUSH	8374759422
2	19BF1A0302	ADDANKI GURAPPA	9398310716
3	19BF1A0303	ANGA SHALEM ABHISHEK	9121049525
4	19BF1A0304	ATTURU SANJANA	9491345736
5	19BF1A0305	AVINASHI THARUN	6305626455
6	19BF1A0306	BADUGU PAVAN KALYAN	7330615285
7	19BF1A0308	BILLAKALLU PAVAN SAI PRASAD	6281421218
8	19BF1A0309	BUGIDE HARI PRASAD	9390741528
9	19BF1A0310	CHALICHEEMALA LOKESH	7013238515
10	19BF1A0313	DASARI SAI VARDHAN REDDY	8688804967
11	19BF1A0314	DEPA NAVEEN	6304362462
12	19BF1A0315	DIVI JASWANTH	9032182026
13	19BF1A0317	G M MANI KUMAR	9618726923
14	19BF1A0318	G MONISH	9000247155
15	19BF1A0319	GEDDAM SRIHARI	8008029879
16	19BF1A0320	GUNAKALA SUMANTH	9849704795
17	19BF1A0323	KADIRI MANGALAM PAVAN SAI	6302675897
18	19BF1A0324	KAINOOR BHANU JAYA PRASAD REDDY	8885419554
19	19BF1A0325	KALLOORU SIVANI	7337408495
20	19BF1A0327	KANDLURU TEJA	8465823622
21	19BF1A0328	KAVALI AJITH	9390813448
22	19BF1A0329	KOMMI SUDHARSAN RAO	7893041005
23	19BF1A0330	KONIDALA SAINADH	6302922260
24	19BF1A0331	KOTAKONDLA CHANDU VARDHAN	9390881515
25	19BF1A0332	KOTTE THEJA	9390762019
26	19BF1A0335	KURROLLA PREMA SRAVANTHI	6302652691
27	19BF1A0336	KUSHAL MANAS G	9100570579
28	19BF1A0337	MEESALA RUMESH KUMAR	6281882392
29	19BF1A0338	MODEM VENKATA SAI	9912522984
30	19BF1A0339	MOUNIKA M	9392398198
31	19BF1A0342	MURALI SURYA NARAYANA	9866453023
32	19BF1A0343	NAGGARAPU SAILOHITH RADHAKRISHNA	8978500185
33	19BF1A0344	NAGINENI VENKATKUMAR	9133697942
34	19BF1A0346	NANNURU VENKATESH	6300307193
35	19BF1A0348	P SAI NARASINGA RAO	9502552937
36	19BF1A0350	SANIVARAPU VENKATA SAI	9441962372
37	19BF1A0351	SOMESH TIKEKAR	6302535881
38	19BF1A0352	TELLURE VENKATA NITESH KUMAR ACHARI	8790062622
39	19BF1A0353	V MANOJ	8179176139
40	19BF1A0354	YANADHI CHAITANYA	6300875481
41	20BF5A0305	GALLI JYOTHI	9849575103
42	20BF5A0308	GONI CHAKRI TEJA	9963795633
43	19BF1A0355	A SURYA TEJA	9989647721
44	19BF1A0362	M VISHNUVARDHAN REDDY	9381077620
45	19BF1A0368	PEEKA JAYASURYA KUMAR	9154962117
46	19BF1A0373	RANGAMPETA ADARSH	9390878251

47	19BF1A0374	S GNANA SUNDER	8297146811
48	19BF1A0376	S LOKESH	9502502697
49	19BF1A0378	S VARUN VICKYATH	7780351746
50	19BF1A0379	YESHWANTH	9866993772
51	19BF1A0381	SHAIK MOHAMMAD NAWAZ	7995048347
52	19BF1A0384	TANGUTURI BHARATH KUMAR REDDY	8464096723
53	19BF1A0385	TIRUMANDYAM DINESH REDDY	6305335483
54	19BF1A0388	U SAI KIRAN	9392321434
55	19BF1A0389	KESAVERDHAN	9912534719
56	19BF1A0390	VELATHAKOTA VENKATADRI	8688866528
57	20BF5A0312	KOTHALA LAVANYA	9642288889
58	20BF5A0313	KUTTEPPAGARI SAHITHI	7093962824
59	20BF5A0321	POLISETTY REKHA	9700141048
60	20BF5A0323	R YAMINI	9030885149
61	20BF5A0325	S VAMSI KRISHNA	6305822875
62	20BF5A0327	SUNKESULA MAHESH	9347302036
63	20BF5A0328	TAMBHI HEMANTH MUNIKUMAR	6281959162
64	20BF5A0331	UKKADALA SNEHA SAGAR	7286058744
65	20BF5A0335	YERRABOGULA YASWANTH	8688954021
66	20BF5A0336	GOPI RAJ KUMAR	7207005566
67	19BF1A0356	A. Vishnuvardhan	8074096025



INTEGRAL COACH FACTORY, CHENNAI - 600 038

No.CRM/IRCTC/IV/2022

Date: 07.06.2022

The Curator's Office  
Chennai Rail Museum

Principal Chief Security Commissioner/ICF

Kindly arrange to issue necessary permit valid by main gates for ICF Factory Visit, in favour of the following to industrial visit the shell and furnishing factories.

S.No.	Date of Visit	Day	Name of the Institution (Students + Instructors)	Total Number	
1	24.06.2022	Friday	M/s. Sri Venkateswara College of Engineering, Tirupathi	67+4	71
2	24.06.2022	Friday	M/s. Govt. Industrial Training Institute, Guindy	23+1	24

*Amritha*  
Assistant Curator  
Chennai Rail Museum

महायक सहायक / ASST. CURATOR  
चेन्नई रेल संग्रहालय / Chennai Rail Museum  
रेल मंत्रालय / Ministry of Railways  
संयुक्त डिजाइन कारखाना / Integral Coach Factory  
चेन्नई-38 / Chennai - 38.



# SRI VENKATESWARA COLLEGE OF ENGINEERING (AUTONOMOUS)

Karakambadi Road, TIRUPATI, AP - 517 507

Ph: +91 888 66 44 985 / 6

principal@svce.edu.in

Date: 03/06/2022

To  
The Assistant Curator,  
Chennai Rail Museum,  
ICF, Villivakkam,  
Chennai- 600038.

Dear Sir,

**Sub:** Industrial visit of III Year – II Semester B.Tech Mechanical Engineering students to your esteemed Organization - Request for permission – Reg.

\*\*\*

Greetings from SVCE!!!

S.V College of engineering was established in 2007 and is affiliated to JNTUA, Anantapur. The college runs 6 B.Tech programs and 5 PG programs with an intake of about 1200 students annually in various disciplines. The B.Tech course in Mechanical Engineering has an intake of 120 students.

The Institute considers it essential to keep providing regular industrial visits to our students to reputed organizations like yours as this authenticates curriculum work. Students can see first-hand the relevance and application of the concepts learnt in the classroom, in the real world. Also, students gain an appreciation of the requirements and demands of working in an industrial environment.

In view of the immense benefits to the student community we request your kind self to accord necessary permissions to the III year – II semester Mechanical Engineering students (68-numbers) to visit your esteemed organization at a date convenient to you (i.e. preferable between 21-06-2022 to 25-06-2022). Four of our faculty members will also accompany the students in the visit. We shall be grateful for a favorable response.

Thanking you sir,

Yours sincerely,

*MCS Reddy*  
(Dr. M. Chandrasekhara Reddy)  
DEPARTMENT OF MECHANICAL ENGINEERING  
SV COLLEGE OF ENGINEERING  
OPP. LIC TRAINING CENTRE  
KARAKAMBADI ROAD, TIRUPATHI - 517 507



# SRIVENKATESWARACOLLEGE OF ENGINEERING (Autonomous)

Karakambadi Road, Opposite LIC Training Centre, Tirupati-517507.  
Accredited by NBA (B.Tech – CSE, ECE, EEE, Mech., Civil and IT) & NAAC with 'A' Grade  
Approved by AICTE, New Delhi permanently affiliated to JNTUA, Ananthapuram.

---

## Department of Mechanical Engineering

A.Y.2021-2022/II Sem

### **REPORT OF INDUSTRIAL VISIT AT ICF (INTEGRAL COACH FACTORY)**

**ORGANISATION NAME:** ICF (INTEGRAL COACH FACTORY), CHENNAI

**Date:** June 24th, 2022 Time: 10.30- 2.30 Pm

**Venue:** INTEGRAL COACH FACTORY,

**Organizer:** Dr.M. Vamsi Krishna, Associate Professor, Dept. of M.E.

Dr.K.Renuga Devi, Associate Professor, Dept. of M.E.

Dr. K.Jagath Narayana, Associate Professor, Dept. of M.E.

Dr. E. Venkata Kondaiah, Associate Professor, Dept. of M.E.

**Attending students:** Mechanical III<sup>rd</sup> Year.

### **ABOUT INDUSTRIAL VISIT**

Industrial visit was arranged at ICF (INTEGRAL COACH FACTORY), in CHENNAI on 23.02.2018. The main objective of the visit is to make the students aware of various activities related to furnishing works for manufacturing rail coaches. We (faculty) along with 61 students started from the college for the visit at 5.00 a.m. and reached ICF at 10 a.m. The company is located at perambur in Chennai. As soon as we reached the company, we were guided by Chennai rail museum co-ordinator.

### **ABOUT THE COMPANY**

Integral Coach Factory, Chennai, is a premier Production Unit of Indian Railways manufacturing passenger coaches. ICF is the first of its kind to be established after Independence for the manufacture of light weight, all steel and all welded Integral railway passenger coaches. The factory was set up in 1955 with Swiss collaboration.

**DESIGN FEATURES** The design concept of the coach stipulates that the roof, side wall, end wall and the underframe are joined together by welding, to form a fully integral coach shell. The end-wall construction has been made especially strong to make it anti-telescopic to ensure maximum safety to passengers. Further, crashworthy features are provided with CBC design to minimize impact on passengers during accidents/derailments. From the basic design handed down by the collaborators, ICF has diversified having established its expertise and skill in this field, to design and manufacture more than 350 different types of coaches for Indian Railways and export market. Every time a new type of coach is launched, emphasis is laid on improving passenger comfort, passenger safety and higher speeds. ICF follows standard inspection procedures to ensure quality from raw material stage to the finished coach.

ICF has endeavored to meet passenger's expectations through innovations like



# SRIVENKATESWARACOLLEGE OF ENGINEERING (Autonomous)

Karakambadi Road, Opposite LIC Training Centre, Tirupati-517507.  
Accredited by NBA (B.Tech – CSE, ECE, EEE, Mech., Civil and IT) & NAAC with 'A' Grade  
Approved by AICTE, New Delhi permanently affiliated to JNTUA, Ananthapuram.

- Cushioned seats in General Second Class and SLR coaches
- Provision of Controlled Discharge Toilet Systems
- Anti-injury features in the passenger areas of A/C 2-tier and Sleeper coaches
- Enhanced carrying capacity in A/C 2-tier, First A/C and Garib Rath Chair Car
- Provision of forced ventilation, PIS/PAS in AC/DC EMUs for WR and CR
- UIC vestibules in mainline coaches
- Disabled friendly features in SLRD/SRD coaches
- Modular toilets in passenger coaches
- Stainless steel paneling, handholds in EMUs
- Provision of laptop and cell phone charging points in passenger coaches
- Use of stainless steel in Pantry Cars including interiors and the equipment.



## STUDENT FEEDBACK

- The session was highly informative and interesting. This visit will be very useful for carrying out our project work
- Helps students to understand the functioning of the industry
- Provides an insight into the real working environment
- Provides an opportunity to plan, organize and engage things
- A good opportunity to interact with the experts
- Helps to enhance their interpersonal skills
- Developed confidence
- Visualize and experience real workstations, plants, machines, assembly lines, systems, and interact with highly trained and experienced personnel.
- An opportunity to understand advancements on technology
- The internal working and perspective of an organization



# SRIVENKATESWARACOLLEGE OF ENGINEERING (Autonomous)

Karakambadi Road, Opposite LIC Training Centre, Tirupati-517507.  
Accredited by NBA (B.Tech – CSE, ECE, EEE, Mech., Civil and IT) & NAAC with 'A' Grade  
Approved by AICTE, New Delhi permanently affiliated to JNTUA, Ananthapuram.

---

- 'Industrial Visit' is a most practical approach towards learning through interaction, working practices etc. and hence gives a perfect reality check to the students

On behalf of B. Tech III Year students, we would like to thank, Faculties of Mechanical engineering, HoD-ME, Principal-SVCE and management of SV colleges for arranging Industrial visit.

### **Student coordinators:**

Mr. N .Sailohithradha Krishna-III Year- sec-A

Mr. Shaik Mohammad Nawaz-III Year – Sec-B



# SRI VENKATESWARA COLLEGE OF ENGINEERING (Autonomous)

Karakambadi Road, Opposite LIC Training Centre, Tirupati - 517 507.  
Accredited by NBA (B.Tech - CSE, ECE,EEE,Mech.,Civil and IT) & NAAC with 'A' Grade  
Approved by AICTE, New Delhi permanently affiliated to JNTUA, Ananthapuram.

## DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

### Report on Industrial visit

Date: 07<sup>th</sup> June, 2022  
Target Audience: II EEE Students  
Place of visit: Somasila hydro electric Project, Nellore.

Industrial visit to Somasila Dam,SPSR Nellore (DT), A. 10 MW Somasila hydro electric Project in somasila in Atmakur Talluk In nellore District of Andhra pradesh.The project involves setting up of two units of vertical Kaplan adjustable blade type turbines of capacity 5MW each to harness the hydro potential available at somasila reservoir.The project had been commissioned in 2007

Parts of a Hydroelectric Plant Most conventional hydroelectric plants include four major components (see graphic below):

1. **Dam.** Raises the water level of the river to create falling water. Also controls the flow of water. The reservoir that is formed is, in effect, stored energy.
2. **Turbine.** The force of falling water pushing against the turbine's blades causes the turbine to spin. A water turbine is much like a windmill, except the energy is provided by falling water instead of wind. The turbine converts the kinetic energy of falling water into mechanical energy.
3. **Generator.** Connected to the turbine by shafts and possibly gears so when the turbine spins it causes the generator to spin also. Converts the mechanical energy from the turbine into electric energy. Generators in hydropower plants work just like the generators in other types of power plants.
4. **Transmission lines.** Conduct electricity from the hydropower plant to homes and business

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

II EEE Students

INDUSTRIAL VISIT

Under  
ISTE



SOMASILA HYDEL POWER PLANT

Date: 07-06-2022



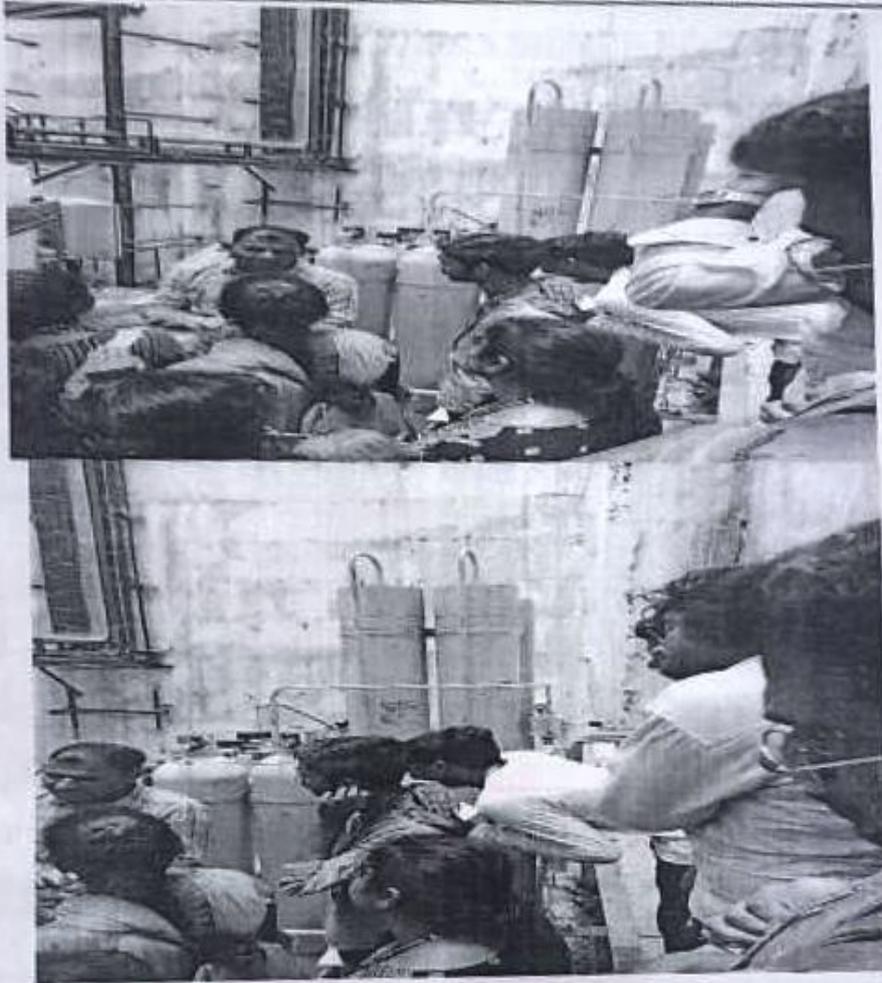
SRI VENKATESWARA COLLEGE OF ENGINEERING

KARAKAMBADI ROAD, TIRUPATI



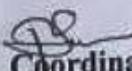
## SRI VENKATESWARA COLLEGE OF ENGINEERING (Autonomous)

Karakambadi Road, Opposite LIC Training Centre, Tirupati – 517 507.  
Accredited by NBA (B.Tech – CSE, ECE,EEE,Mech.,Civil and IT) & NAAC with 'A' Grade  
Approved by AICTE, New Delhi permanently affiliated to JNTUA, Ananthapuram.



### OUTCOME:

The Industrial Visit to Somasila Dam was highly successful. We received insight of the whole plant right from the raw material (water) procurement, processing, generation & transmission of electricity. The whole process was explained in-detail by their representative with detailed description about each equipment with their specifications. A doubt solving session with the Control Room Incharge cleared all our queries. This kind of industrial exposure helped us to absorb the theoretical aspects of Power Plant and Power Electronics Engineering more efficiently

  
Coordinator

  
HOD  
H.O.D. E.E.E.  
S.V. COLLEGE OF ENGINEERING  
KARAKAMBADI ROAD, TIRUPATI - 517 507



**SRI VENKATESWARA COLLEGE OF ENGINEERING**  
**(Autonomous)**

Karakambadi Road, Opposite LIC Training Centre, Tirupati - 517 507.  
Accredited by NBA (B.Tech - CSE, ECE,EEE,Mech.,Civil and IT) & NAAC with 'A' Grade  
Approved by AICTE, New Delhi permanently affiliated to JNTUA, Ananthapuram.

**Department of Electrical & Electronics Engineering**

**Industrial Visit Feedback Form**

Name of the Student : D. Sunil  
Branch and Year : EEE and II  
Roll No : 20BFAD220  
Date of Industrial visit : 7/6/22

Name and address of Industrial visit Organization:

Somanila hydal power plant, Nellore.

1. How do you evaluate your overall training Visit?

Excellent

Satisfactory

Not Satisfactory

2. State the experiences that had been gained from the industrial Visit:

I got benefited on going to the ZV and  
got practical knowledge on power generation.

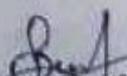
3. Main problems encountered during the industrial Visit:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

4. Type of Exposure gained from Industrial Visit:

(Technical/Administrative/ Any other ...Specify)

Subject to overcome many issues in my service.

  
Signature of Student

Roll No: 20BFAD220



# SRI VENKATESWARA COLLEGE OF ENGINEERING (Autonomous)

Karakambadi Road, Opposite LIC Training Centre, Tirupati - 517 507.  
Accredited by NBA (B.Tech - CSE, ECE, EEE, Mech., Civil and IT) & NAAC with 'A' Grade.  
Approved by AICTE, New Delhi permanently affiliated to JNTUA, Ananthapuram.

## Department of Electrical & Electronics Engineering

### Industrial Visit Feedback Form

Name of the Student : *K. R. Mounika*

Branch and Year : *EEE and II*

Roll No : *20BF1A0235*

Date of Industrial visit : *7/06/2022*

Name and address of Industrial visit Organization:

*Somasila hydro power plant, Nellore*

1. How do you evaluate your overall training Visit?

Excellent

Satisfactory

Not Satisfactory

2. State the experiences that had been gained from the industrial Visit:

*I got to see the generators and i saw turbines, gained more knowledge in the P-V rather than in theoretical.*

3. Main problems encountered during the industrial Visit:

---

---

---

4. Type of Exposure gained from Industrial Visit:

(Technical/Administrative/ Any other ...Specify)

*It helped me to understand the concepts in power system Architecture*

*K. R. Mounika*  
Signature of Student

Roll No: *20BF1A0235*



**SRI VENKATESWARA COLLEGE OF ENGINEERING  
(Autonomous)**

Karakambadi Road, Opposite LIC Training Centre, Tirupati - 517 507.  
Accredited by NBA (B.Tech - CSE, ECE, EEE, Mech., Civil and IT) & NAAC with 'A' Grade  
Approved by AICTE, New Delhi permanently affiliated to JNTUA, Ananthapuram.

**DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING**  
Letter of under taking for industrial tour given by Parents/Guardian

Date: 4/12

To,

The Principal  
S.V. College of Engineering,  
Tirupati.

Dear Sir,

**SUB:** Submission of "Industrial Tour Undertaking" - Reg.

I, Mr / Mrs K. Muniswami Reddy parents/guardian  
of K. Meghana bearing Register number 20BFIA0232  
studying in II / III / IV - Semester, Department of EEE in SVCE, Tirupati. Here with  
voluntarily submitting the under taking.

I, the undersigned parents/guardian are aware that, our son/daughter is participating in the industrial tour organized by the institute scheduled during 2021-2022 with our full acceptance and will be bearing all the expenditure incurred for the industrial tour towards travel and other expenses from our end.

I shall ensure that our son/daughter shall abide by the college terms and conditions for industrial tour. We, hereby declare and confirm that the college shall not be held responsible in the event of any misfortune or accidents and/or personal injuries whether fatal or otherwise involving our son/daughter.

I shall undertake full responsibility of all the consequences should any other person or body suffer such accidents and/or personal injuries and/or damage to property as a result of our son/daughter negligent act during the period of industrial tour.

I further confirm that the college shall not be held responsible for our son/daughter misconduct or wrongdoing at all times during the period of industrial tour and shall obey the instructions of the faculty members who are accompanying during the industrial tour.

Yours sincerely,

K. Muniswami Reddy  
(Parents/Guardian's Signature)

[Signature]  
Signature of the student

Name of the Father: K. Muniswami Reddy  
Contact Address: 10-76/A, Jeevakona Tirupati  
Contact Phone No: 7075226963



**SRI VENKATESWARA COLLEGE OF ENGINEERING  
(Autonomous)**

Karakambadi Road, Opposite LIC Training Centre, Tirupati - 517 507.  
Accredited by NBA (B.Tech - CSE, ECE,EEE,Mech.,Civil and IT) & NAAC with 'A' Grade  
Approved by AICTE, New Delhi permanently affiliated to JNTUA, Ananthapuram.

**DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING**  
Letter of under taking for industrial tour given by Parents/Guardian

Date: 2/6

To,

The Principal  
S.V. College of Engineering,  
Tirupati.

Dear Sir,

**SUB:** Submission of "Industrial Tour Undertaking" - Reg.  
I, Mr / Mrs C. Seshachalam parents/guardian  
of C. Gurutej bearing Register number 20BF1A0216  
studying in II / III / IV - Semester, Department of EEC in SVCE, Tirupati. Here with  
voluntarily submitting the under taking.

I, the undersigned parents/guardian are aware that, our son/daughter is participating in the industrial tour organized by the institute scheduled during 2021-22 with our full acceptance and will be bearing all the expenditure incurred for the industrial tour towards travel and other expenses from our end.

I shall ensure that our son/daughter shall abide by the college terms and conditions for industrial tour. We, hereby declare and confirm that the college shall not be held responsible in the event of any misfortune or accidents and/or personal injuries whether fatal or otherwise involving our son/daughter.

I shall undertake full responsibility of all the consequences should any other person or body suffer such accidents and/or personal injuries and/or damage to property as a result of our son/daughter negligent act during the period of industrial tour.

I further confirm that the college shall not be held responsible for our son/daughter misconduct or wrongdoing at all times during the period of industrial tour and shall obey the instructions of the faculty members who are accompanying during the industrial tour.

Yours sincerely,

C. Seshachalam  
(Parents/Guardian's Signature)

C. Gurutej  
Signature of the student

Name of the Father: C. Seshachalam

Contact Address: 8-140/A, S.N.Puram, Tirupati

Contact Phone No: 9160726020



## INKATESWARA COLLEGE OF ENGINEERING (Autonomous)

Kankaravadi Road, Opposite IIT Training Centre, Tinagali - 517 503  
 Affiliated by MBA (B.Tech - CSE, ECE, EE, Mech., Civil and IT) & NAAC with 'A' Grade  
 Approved by AICTE, New Delhi permanently affiliated to JNTUA, Ananthapuram.

### Attendance Sheet

S. No.	ROLLNO	NAME	Father Name	PHONE	Signature
1	20BF1A0201	Azhala Krishna Sai Teja	A Jayachandra Reddy	9849418389	Sai Teja
2	20BF1A0202	Akkupalli Munichandra	Akkupalli Subba Rao	6281679984	Munichandra
3	20BF1A0203	Ambur Puneeth	A Tharakanadh	7382879979	A. Puneeth
4	20BF1A0204	Ammapalli Dhronika Reddy	A Rathnam Reddy	7989600525	Dhronika Reddy
5	20BF1A0205	Amuru Somu	A Nagamuni Achari	8374655663	Somu
6	20BF1A0206	Arigela Nandini	Arigela Subbarayudu	7674041832	Nandini
7	20BF1A0207	Bandari Chiranjeevi	Bandari Yugandhar	7815999293	B. Chiranjeevi
8	20BF1A0208	Bandi Teja Sree	B Sidda Reddy	9182437028	Teja Sree
9	20BF1A0210	Bodugu Guru Charan Yada	B. Muni Raja	9949753699	G. Yada
10	20BF1A0211	Borra Dinesh Kumar	Borra Pandu Rangalah	9492077665	B. Dinesh Kumar
11	20BF1A0212	Burakala Pavithra	B Bheemalah	8374941162	Pavithra
12	20BF1A0213	Chapati Charitha	Chapati Rami Reddy	8688646086	Charitha
13	20BF1A0214	Chennam Malathi	Chennam Raveendra	8688316852	Malathi
14	20BF1A0215	Chilamandala Sai	C Munikrishna	7981021289	Sai
15	20BF1A0216	Chinthamakula Guru Tej	C Seshachalam	8309454465	Chinthamakula
16	20BF1A0217	Chittuluri Bindu Sree	C Gnanendra Reddy	7013765105	Bindu Sree
17	20BF1A0218	Dandluru Sitaram Syam Su	Rama Mohan	9908754572	Sitaram
18	20BF1A0219	Degala Likitha	Degala Gangalah	9392401184	Likitha
19	20BF1A0220	Dhara Sunil	Dhara Sudharsana	9392369145	Sunil
20	20BF1A0221	Endluru Swetha	E Santhanam	9603163905	Swetha
21	20BF1A0222	Erasappagari Ganga	E Govinda Swamy	7702406146	Ganga
22	20BF1A0238	Kalluru Avinash	K Suresh Kumar	8884545577	Avinash
23	20BF1A0239	Kamatham Chiranjeevi	Kamatham Subramany	8985719493	Chiranjeevi
24	20BF1A0240	Kanna Akhila	K Venkateswarlu	9493226195	Akhila
25	20BF1A0241	Karimula Gafoor	K Subhan Saheb	7032712229	Gafoor
26	20BF1A0242	Kayyuri Sasikumar	Kayyuri Vijaybabu	9515546887	Sasikumar
27	20BF1A0243	Kondreddy Sivareddy	Bhaskar Reddy	9989730484	Sivareddy
28	20BF1A0244	Konidala Jaswanth	Konidala Venu	9502298191	Jaswanth
29	20BF1A0245	Kundapamula Soma Sekha	Kundapamula Venkata	7032564332	Soma Sekha
30	20BF1A0246	Kuruba Pranathi	Kuruba Ravi Kumar	8328027887	Pranathi
31	20BF1A0247	Lakkireddy Geethanjali	L Ravichandra Reddy	9030882021	Geethanjali
32	20BF1A0248	Lingamdinne Madhu Latha	L Raghunatha Reddy	9133030089	Madhu Latha
33	20BF1A0249	M Dinesh	M Ranga Reddy	7032203669	Dinesh
34	20BF1A0250	Modem Om Sridhar Reddy	Modem Chandraobula	6303916972	Sridhar
35	20BF1A0251	Nambi Lohitha	Nambi Gopi	9492629255	Lohitha
36	20BF1A0252	Papalah Gari Madhu Moha	Papalah Gari Nadipi M	6304959964	Madhu Moha
37	20BF1A0253	Pidikondala Vignan Varma	P Subba Raju	9515336495	Vignan Varma
38	20BF1A0254	Pidugu Geethika	Pidugu Devarajulu	7993063256	Geethika
39	20BF1A0255	Pullagura Jaswanth Yadav	P Subramanyam	6305834218	Jaswanth
40	20BF1A0256	Reddyvari Divakar	R Subramanyam	9912172172	Divakar
41	20BF1A0283	Mylapur Preethi	M Karunakar	8919136279	Preethi
42	20BF1A0284	Nainaru Deepika	Nainaru Katalah	8297862012	Deepika
43	20BF1A0285	Nemalluru Mohan Krishna	Nemalluru Rosaiah	9989473518	Mohan Krishna
44	20BF1A0286	P Sai Gayathri	P Subramanyam Redd	6303445996	Sai Gayathri
45	20BF1A0287	Palagiri Manasa	Palagiri Ravindra Redd	9963797130	Manasa
46	20BF1A0288	Palamakulapalle Lahari	P Hemagiri	9177015036	Lahari
47	20BF1A0289	Pindi Dinesh	Bhaskar	9121845803	Dinesh
48	20BF1A0290	Podamala Pranathi	Podamala Koteswar R	9963161727	Pranathi
49	20BF1A0291	Polamreddy Gnapika	P G Subbarami Reddy	9494074279	Gnapika
50	20BF1A0292	Poli Likhitha	Poli Subramanyam	9391689254	Likhitha
51	20BF1A0293	Polisetty Manasa	Polisetty Chandramou	9985661962	Manasa
52	20BF1A0294	Pothineedi Saraswathi	P Chandra Mouli	6305637789	Saraswathi

53	20BF1A0295	Rachamadugu Deekshitha	Rachamadugu Jayaram	9515897922	R. Jayaram
54	20BF1A0296	S Imamhussain	S Hussain Saheb	9866425033	S. Hussain Saheb
55	20BF1A0297	S Sharathkumar	S Anand Kumar	9133889511	S. Anand Kumar
56	20BF1A0298	S Sindhuja	S.Ravi Babu	8074716117	S. Sindhuja
57	20BF1A0299	Sarukolla Guru Hemanth	S Gurappa	863989361	S. Guru Hemanth
58	20BF1A02C0	Venkata Ranga Sai Karthik	China Pallayya Kotha	7095282981	V. C. Karthik
59	20BF1A02C1	Vudayagiri Likitha	Siva Prasad V	9290136078	V. C. Karthik
60	20BF1A02C2	Vyasava Preethi	V Narayana Murthy La	7396341699	V. N. Murthy

  
Incharge

  
Incharge



# SRI VENKATESWARA COLLEGE OF ENGINEERING (Autonomous)

Karakambadi Road, Opposite LIC Training Centre, Tirupati - 517 507.  
Accredited by NBA (B.Tech - CSE, ECE, EEE, Mech., Civil and IT) & NAAC with 'A' Grade  
Approved by AICTE, New Delhi permanently affiliated to JNTUA, Ananthapuram.

04.06.2022

## NOTICE

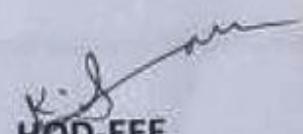
This is to inform that II B.Tech students have got approval to visit Somasila Hydro Power Plant on 07.06.2022 (i.e., Thursday).

### **Location : Rapur, Nellore**

The following faculties are deputed to monitor students during plant Visit

#### **Convener for SVCE :**

1. Mr. A.Sudhakar, Asst.Professor
2. Mr. P.Vinod Kumar , Asst.Professor
3. Miss.K. Yamuna,Asst.Professor
4. Mrs. R.Sireesha, Asst.Professor

  
**HOD-EEE**  
**H.O.D. E.E.E.**  
**S.V. COLLEGE OF ENGINEERING**  
**KARAKAMBADI ROAD, TIRUPATI - 517 507**



**SRI VENKATESWARA COLLEGE OF ENGINEERING  
(Autonomous)**

Karakambadi Road, Opposite LIC Training Centre, Tirupati - 517 507.  
Accredited by NBA (B.Tech - CSE, ECE, EEE, Mech., Civil and IT) & NAAC with 'A' Grade  
Approved by AICTE, New Delhi permanently affiliated to INTUA, Ananthapuram.

**Department of EEE**

Dt: 27-05-2022,

To  
Chief Engineer,  
Penchalaiah,  
Somasila,

**Sub: SVCE-Tirupati-EEE Dept., -Permission to visit Somasila power plant -Reg**

Greetings from SV College of engineering.

It is brought to the kind notice of you that Sri Venkateswara College of Engineering (SVCE) was started in 2007 based on the firm belief that higher education provides a critical pathway to leadership development, economic progress and social and political equality.

In the present semester, our II-Year B.Tech in Electrical and Electronics Engineering students studying various electrical power generation systems. Apart from the class-room learning process, most of our students are showing interest to visit Somasila Power Plant at Somasila. This plan visit will enlarge the student's knowledge about the technology involved in hydel power plant operation and control.

In this regard, on behalf of SVCE administration and EEE department in specific, we request you to grant permission for our students (70 No.s) to visit the plant.

We will assure you that we will take entire responsibility if any unwanted situation happens during the visit.

*P.S.*  
*10/1/2022*  
*B.P.R.*

*F. D. M.*  
Dr. Sudheer K  
HoD, EEE Dept.  
S.V. COLLEGE OF ENGINEERING  
KARAKAMBADI ROAD TIRUPATI - 517 507

Permitted by  
Penchalaiah,  
Engineer,  
Somasila power project.



**SRI VENKATESWARA COLLEGE OF ENGINEERING  
(Autonomous)**

Karakambadi Road, Opposite LIC Training Centre, Tirupati – 517 507.  
Accredited by NBA (B.Tech – CSE, ECE, EEE, Mech., Civil and IT) & NAAC with 'A' Grade  
Approved by AICTE, New Delhi permanently affiliated to JNTUA, Anantapuram.

**DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING**

Tirupati,

23-05-2022

From

Dr. K. Sudheer,  
Head of the Department, EEE  
S.V. College of Engineering  
Tirupati

To

The Principal,  
S.V. College of Engineering,  
Tirupati.

Respected Sir,

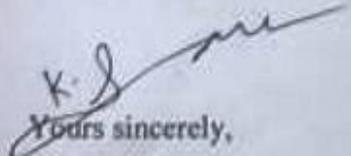
**Sub: Approval request for Industrial visit (Somasila Hydro Power Plant) for IVEEE  
Students-reg.**

I hereby respectfully sending you this requisition letter as notification that we are planning to take our II EEE students (Total Strength: 70) for an Industrial visit to Somasila Hydro Power Plant, Nellore. This visit will be helping the students to have real time exposure about the Power Generation. We hope to hear response from you sir! For further proceedings.

The following faculty members are proposed to monitor students during plant visit.

1. Mr. A.Sudhakar, Asst.Professor
2. Mr. P.Vinod Kumar , Asst.Professor
3. Miss.K. Yamuna,Asst.Professor
4. Mrs. R.Sireesha, Asst.Professor

Thanking you sir,

  
Yours sincerely,

(Dr. K Sudheer)  
H.O.D. E.E.E.  
S.V. COLLEGE OF ENGINEERING  
KARAKAMBADI ROAD, TIRUPATI - 517 507

**SRI VENKATESWARA COLLEGE OF ENGINEERING**

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

**(Approved by AICTE, New Delhi & Affiliated to JNTUA, Ananthapuramu)**

**TIRUPATI - 517507**

**2022-23**



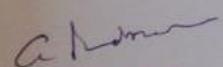
**CERTIFICATE**

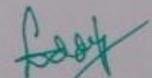
*This is to certify that this report is a bonafide record of the Industrial Training on Python Programming through CodeTantra done and submitted by*

**T.DATTA PRIYA**

**19BF1A04L9**

*for the partial fulfillment of the requirements for the award of B.Tech Degree in **ELECTRONICS AND COMMUNICATION ENGINEERING** of JNT University Anantapur, Ananthapuramu.*

  
CO-ORDINATOR

  
HEAD OF THE DEPARTMENT

**SRI VENKATESWARA COLLEGE OF ENGINEERING**

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

**(Approved by AICTE, New Delhi & Affiliated to JNTUA, Ananthapuramu)**

**TIRUPATI - 517507**

**2022-23**



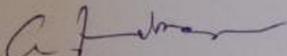
**CERTIFICATE**

*This is to certify that this report is a bonafide record of the **Industrial Training on CCNA v7: Switching, Routing and Wireless Essentials through Cisco Networking Academy** done and submitted by*

**S. BALA SUBRAMANYAM**

**19BF1A04L5**

*for the partial fulfillment of the requirements for the award of B. Tech Degree in **ELECTRONICS AND COMMUNICATION ENGINEERING** of JNT University Anantapur, Anantapur.*

  
CO-ORDINATOR

  
HEAD OF THE DEPARTMENT

**SRI VENKATESWARA COLLEGE OF ENGINEERING**

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

**(Approved by AICTE, New Delhi & Affiliated to JNTUA, Ananthapuramu)**

**TIRUPATI - 517507**

**2022-23**



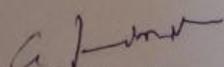
**CERTIFICATE**

*This is to certify that this report is a bonafide record of the Industrial Training on MTA: Introduction to programming using python through Microsoft Upskilling Programme done and submitted by*

**T RAJIV REDDY**

**19BF1A04M3**

*for the partial fulfillment of the requirements for the award of B.Tech Degree in **ELECTRONICS AND COMMUNICATION ENGINEERING** of JNT University Anantapur, Ananthapuramu.*

  
CO-ORDINATOR

  
HEAD OF THE DEPARTMENT

**A  
Report  
On  
Industrial Training on  
PYTHON PROGRAMMING**

**Submitted for the partial fulfillment of requirements for the award of the  
degree of**

**BACHELOR OF TECHNOLOGY**

**IN**

**ELECTRONICS AND COMMUNICATION ENGINEERING**

**Submitted by**

**T. DATTAPRIYA  
19BF1A04L9**



**SRI VENKATESWARA COLLEGE OF ENGINEERING**

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING  
(Approved by AICTE, New Delhi & Affiliated to JNTUA, Ananthapuramu)**

**Karakambadi Road, TIRUPATI - 517507**

**2022-23**

**A**  
**Report**  
**On**  
**Industrial Training on**  
**CCNA v7: SWITCHING, ROUTING & WIRELESS ESSENTIALS**

**Submitted for the partial fulfillment of requirements for the award of the**  
**degree of**

**BACHELOR OF TECHNOLOGY**

**IN**

**ELECTRONICS AND COMMUNICATION ENGINEERING**

**Submitted by**

**SRIDHARAM BALA SUBRAMANYAM**

**19BF1A04L5**



**SRI VENKATESWARA COLLEGE OF ENGINEERING**

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**  
**(Approved by AICTE, New Delhi & Affiliated to JNTUA, Ananthapuramu)**

**Karakambadi Road, TIRUPATI - 517507**

**2022-23**

**A**  
**Report**  
**On**  
**Industrial Training on**  
**MTA: INTRODUCTION TO PROGRAMMING USING PYTHON**  
**Submitted for the partial fulfillment of requirements for the award of the**  
**degree of**

**BACHELOR OF TECHNOLOGY**  
**IN**  
**ELECTRONICS AND COMMUNICATION ENGINEERING**

**Submitted by**

**T RAJIV REDDY**  
**19BF1A04M3**



**SRI VENKATESWARA COLLEGE OF ENGINEERING**

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**  
**(Approved by AICTE, New Delhi & Affiliated to JNTUA, Ananthapuramu)**

**Karakambadi Road, TIRUPATI - 517507**

**2022-23**

**132/33KV SUBSTATION**  
A One Month Internship report submitted to in partial fulfillment for the  
award of the degree of

**BACHELOR OF TECHNOLOGY**  
**IN**  
**ELECTRICAL AND ELECTRONICS ENGINEERING**

Submitted by

A VIKAS	-	19BF1A0203
BOLLAVARAM HARI CHANDRIKA	-	19BF1A0221
CHEEKATIPALLI KEERTHI SAGAR	-	19BF1A0227
GANDAPASETTY CHANDANA	-	19BF1A0242
GODUGU SAI BHAVANI	-	19BF1A0245
K TEJASRI	-	19BF1A0259

**Under the esteemed guidance of**

**Dr.K.Sudheer, M. Tech (Ph. D)**

**Professor & HOD**



**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**

**S. V. COLLEGE OF ENGINEERING**

(Approved by AICTE, New Delhi & Permanent Affiliated to J.N.T.U.  
Anantapur, Accredited by NBA & NAAC)  
Karakambadi road, Tirupati – 517501, A.P.  
(2021-2022)

**132/33KV SUBSTATION**  
A One Month Internship report submitted to in partial fulfillment for the  
award of the degree of

**BACHELOR OF TECHNOLOGY  
IN  
ELECTRICAL AND ELECTRONICS ENGINEERING**

Submitted by

A VIKAS	-	19BF1A0203
BOLLAVARAM HARI CHANDRIKA	-	19BF1A0221
CHEEKATIPALLI KEERTHI SAGAR	-	19BF1A0227
GANDAPASETTY CHANDANA	-	19BF1A0242
GODUGU SAI BHAVANI	-	19BF1A0245
K TEJASRI	-	19BF1A0259

Under the esteemed guidance of

Dr.K.Sudheer, M. Tech (Ph. D)

Professor & HOD



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

**S. V. COLLEGE OF ENGINEERING**

(Approved by AICTE, New Delhi & Permanent Affiliated to J.N.T.U.  
Anantapur, Accredited by NBA & NAAC)  
Karakambadi road, Tirupati – 517501, A.P.  
(2021-2022)

S. V. COLLEGE OF ENGINEERING

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING  
(Approved by AICTE, New Delhi & Permanent Affiliated to J.N.T.U. Anantapur,  
Accredited by NBA & NAAC)  
Karakambadi road, Tirupati – 517501, A.P.  
(2021-2022).



**CERTIFICATE**

This is to certify that the project report entitled, "132/33KV SUBSTATION" a Bonafide record of the project work done and submitted by

A VIKAS	-	19BF1A0203
BOLLAVARAM HARI CHANDRIKA	-	19BF1A0221
CHEEKATIPALLI KEERTHI SAGAR	-	19BF1A0227
GANDAPASETTY CHANDANA	-	19BF1A0242
GODUGU SAI BHAVANI	-	19BF1A0245
K TEJASRI	-	19BF1A0259

For the partial fulfilment of the requirements for the award of the B.Tech. Degree in **ELECTRICAL AND ELECTRONICS ENGINEERING** from J.N.T.University Anantapur, Anantapur, during the year 2021 – 2022.

GUIDE

K.SUDHEER  
M. Tech/Ph.D)  
Professor and HOD  
Department of Electrical and Electronics  
Engineering  
Sri Venkateswara College of Engineering  
Tirupati-517501

HOD, E.E.E.  
S.V. COLLEGE OF ENGINEERING  
KARAKAMBADI ROAD, TIRUPATI-517 507.  
M. Tech/Ph.D)

Professor and HOD  
Department of Electrical and Electronics  
Engineering  
Sri Venkateswara College of Engineering  
Tirupati-517501

# 132/33KV SUBSTATION

A one month internship report submitted in partial fulfillment for

the award of degree of

**BACHELOR OF TECHNOLOGY**

IN

**ELECTRICAL AND ELECTRONICS ENGINEERING**

**Submitted by**

BADURU RAMYA	-	19BF1A0212
BEGADA BHARGAVI	-	19BF1A0218
BYNA GREESHMA PRIYA	-	19BF1A0224
C.SRIYA	-	19BF1A0226
CHILLAKURU LOHITHA REDDY	-	19BF1A0230

**Under the esteemed Guidance of**

**Mr. Dr. K. SUDHEER, M.Tech(Ph.D)**

**Professor & HOD**



**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**  
**SRI VENKATESWARA COLLEGE OF ENGINEERING**

(Approved by AICTE, New Delhi & Permanent Affiliated to J.N.T.U. Ananthapur,  
Accredited by NBA & NAAC)

Opp.LIC Training Centre, Karakambadi road, Tirupati – 517501, A.P.  
(2021-2022)

# SRI VENKATESWARA COLLEGE OF ENGINEERING

DEPARTMENT OF ELECTRICAL AND ELECTRONICS  
ENGINEERING

(Approved by AICTE, New Delhi & Permanent Affiliated to J.N.T.U. Ananthapur,  
Accredited by NBA & NAAC) Karakambadi road, Tirupati - 517501, A.P.

(2021-2022)



## CERTIFICATE

This is to certify that the one month internship project report entitled, "132/33KV SUBSTATION" a Bonafide record of the project work done and submitted by

BADURU RAMYA	-	19BF1A0212
BEGADA BHARGAVI	-	19BF1A0218
BYNA GREESHMA PRIYA	-	19BF1A0224
C SRIYA	-	19BF1A0226
CHILLAKURU LOHITHA REDDY	-	19BF1A0230

for the partial fulfilment of the requirements for the award of the B.Tech. Degree in **ELECTRICAL AND ELECTRONICS ENGINEERING** from J.N.T. University Anantapur, Ananthapuramu, during the year 2021 - 2022.

### GUIDE

K. SUDHEER  
M.Tech & Ph. D  
Professor and HOD  
Department of Electrical and Electronics  
Engineering,  
Sri Venkateswara College of Engineering,  
Tirupati-517501.

### HEAD OF THE DEPARTMENT

K. SUDHEER  
H.O.D. E.E.E.  
S.M. COLLEGE OF ENGINEERING  
KARAKAMBADI ROAD, TIRUPATI-517 507.  
Professor and HOD  
Department of Electrical and Electronics  
Engineering,  
Sri Venkateswara College of Engineering,  
Tirupati-517501.

**MIND AND ACTION DETECTION USING WIRELESS  
TRANSMITTER**

**A Social Relevant Project Report Submitted to**

**JAWAHARAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPURAMU**

**In partial fulfillment of the requirements for the award of the degree in**

**BACHELOR OF TECHNOLOGY**

**IN**

**ELECTRICAL AND ELECTRONICS ENGINEERING**

**Submitted by**

**N MUNI TEJA (19BF1A02A1)**

**Under the esteemed guidance of**

**Mrs.P.SUNEETHA, M.Tech,(Ph.D)**

**Senior Assistant Professor**



**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**

**SRI VENKATESWARA COLLEGE OF ENGINEERING**

**(Approved by AICTE, New Delhi & Affiliated to J.N.T.U. Ananthapuramu,  
Accredited by NBA & NAAC 'A' Grade)**

**Opp.LIC Training Centre, Karakambadi road, Tirupati – 517501, A.P.  
(2021-2022).**

**SRI VENKATESWARA COLLEGE OF ENGINEERING**  
**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**  
(Approved by AICTE, New Delhi & Affiliated to J.N.T.U. Ananthapuramu,  
Accredited by NBA & NAAC 'A' Grade)  
Opp.LIC Training Centre, Karakambadi road, Tirupati – 517501, A.P.ss  
(2021-2022).



**CERTIFICATE**

This is to certify that the Seminar report entitled, "MIND AND ACTION DETECTION USING WIRELESS TRANSMITTER"

a bonafide work carried by

**N MUNI TEJA (19BF1A02A1)**

towards the partial fulfilment of the requirements for the award of the degree in BACHELOR OF TECHNOLOGY in ELECTRICAL AND ELECTRONICS ENGINEERING from J.N.T.University, Ananthapuramu, during the year 2021 –2022.

*P. Suneetha*  
**GUIDE**

**P.Suneetha, M.Tech,(Ph.D)**

*[Signature]*  
**HEAD OF THE DEPARTMENT**  
**H.O.D. E.E.E.**  
**Dr. K. Sudeep, Ph.D**  
**S.V. COLLEGE OF ENGINEERING**  
**KARAKAMBADI ROAD, TIRUPATI-517 507.**

**A Social relevant Project report on**  
**DESIGN AND DEVELOPMENT OF AUTOMATIC STREET LIGHT USING**  
**LDR**

**Submitted to**  
**JAWAHARAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR**  
in partial fulfilment of the requirements for the award of the degree in  
**BACHELOR OF TECHNOLOGY**

**IN**  
**ELECTRICAL AND ELECTRONICS ENGINEERING**

**Submitted by**  
**P.NAVEEN** (19BF1A02B6)

**Under the esteemed guidance of**  
**Dr. P. Suresh, M. Tech., Ph. D.**  
**Professor**



**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**  
**SRI VENKATESHWARA COLLEGE OF ENGINEERING**

(Approved by AICTE, New Delhi & Permanent Affiliated to J.N.T.U., Anantapur,  
Accredited by NBA & NAAC 'A' Grade)

Opp. LIC Training Centre, Karakambadi road, Tirupati – 517501, A.P.

(2019-2023)

**SRI VENKATESHWARA COLLEGE OF ENGINEERING**  
**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**

Approved by AICTE, New Delhi & Permanent Affiliated to J.N.T.U. Anantapur,  
Accredited by NBA & NAAC 'A' Grade)

Opp. LIC Training Centre, Karakambadi road, Tirupati – 517501, A.P.  
(2019-2023).



**CERTIFICATE**

This is to certify that the project report entitled, "DESIGN AND DEVELOPMENT OF AUTOMATIC STREET LIGHT USING LDR" a bonafide work carried by

**P.NAVEEN**

**(19BF1A02B6)**

Submitted towards the partial fulfilment of the requirements for the award of the degree in BACHELOR OF TECHNOLOGY in ELECTRICAL AND ELECTRONICS ENGINEERING from J.N.T.University.Ananthapuramu, during the year 2019 – 2023.

  
**GUIDE**

**DR.P.Suresh, M. Tech., Ph.D.**

  
**HEAD OF THE DEPARTMENT**  
**S.V. COLLEGE OF ENGINEERING**  
**KARAKAMBADI ROAD, TIRUPATI-517 502, Ph.D.**

**A Technical Seminar Report**

**on**

**SYSTEM OF COOLING & IMPROVING POWER OUTPUT OF  
PHOTOVOLTAIC SOLAR CELLS**

**Submitted to**

**JAWAHARAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR**

**in partial fulfilment of the requirements for the award of the degree in**

**BACHELOR OF TECHNOLOGY**

**IN**

**ELECTRICAL AND ELECTRONICS ENGINEERING**

**Submitted by**

**AVULA POORNA CHEND (18BF1A0208)**

**Under the esteemed guidance of**

**Mr. Y. HARIKRISHNA, M.Tech.,  
Assistant Professor**



**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**

**SRI VENKATESWARA COLLEGE OF ENGINEERING**

**(Approved by AICTE, New Delhi & Affiliated to J.N.T.U. Anantapuram,  
Accredited by NBA & NAAC 'A' Grade)**

**Opp.LIC Training Centre, Karakambadi road, Tirupati – 517501, A.P.  
(2018-2022).**

**SRI VENKATESWARA COLLEGE OF ENGINEERING**  
**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**

(Approved by AICTE, New Delhi & Affiliated to J.N.T.U. Anantapuram,  
Accredited by NBA & NAAC 'A' Grade)  
Opp.LIC Training Centre, Karakambadi road, Tirupati – 517501, A.P.  
(2018-2022).

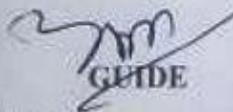


**CERTIFICATE**

This is to certify that the Seminar report entitled, "SYSTEM OF COOLING & IMPROVING POWER OUTPUT OF PHOTOVOLTAIC SOLAR CELLS" a bonafied work carried by

**AVULA POORNA CHEND (18BF1A0208)**

towards the partial fulfilment of the requirements for the award of the degree in BACHELOR OF TECHNOLOGY in ELECTRICAL AND ELECTRONICS ENGINEERING from J.N.T.University, Anantapur, during the year 2018 –2022.

  
GUIDE

Mr.Y.Harikrishna, M.Tech.,

  
HEAD OF THE DEPARTMENT

Dr.K.Sudheer, M.Tech., Ph.D

H.O.D. E.E.E.  
S.V. COLLEGE OF ENGINEERING  
KARAKAMBADI ROAD, TIRUPATI - 517 501

**A Technical Seminar Report**

**on**

**ROBOTIC MONITORING OF POWER CABLES**

**Submitted to**

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR**

*in partial fulfilment of the requirements for the award of the degree in*

**BACHELOR OF TECHNOLOGY**

**IN**

**ELECTRICAL AND ELECTRONICS ENGINEERING**

**Submitted**

**by**

**SHAIK ABDUL AAZAD (19BF5A0247)**

*Under the esteemed guidance of*

**A. SUDHAKAR, M.E., (Ph.D.)**

**Associate Professor**



**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**

**SRI VENKATESWARA COLLEGE OF ENGINEERING**

*(Approved by AICTE, New Delhi & Affiliated to J.N.T.U. Anantapur,  
Accredited by NBA & NAAC 'A' Grade)*

*Opp.LIC Training Centre, Karakambadi road, Tirupati – 517501, A.P.  
(2019-2022).*

**SRI VENKATESWARA COLLEGE OF ENGINEERING**  
**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**

(Approved by AICTE, New Delhi & Affiliated to J.N.T.U. Ananthapur,  
Accredited by NBA & NAAC 'A' Grade)  
Opp.LIC Training Centre, Karakambadi road, Tirupati – 517501, A.P.  
(2019-2022).



**CERTIFICATE**

This is to certify that the Seminar report entitled, "ROBOTIC MONITORING OF POWER CABLES" a bonafied work carried by

**SHAIK ABDUL AAZAD (19BF5A0247)**

towards the partial fulfilment of the requirements for the award of the degree in **BACHELOR OF TECHNOLOGY** in **ELECTRICAL AND ELECTRONICS ENGINEERING** from **J.N.T.University, Ananthapur**, during the year **2019-2022**.

**A. Sudhakar, M. E., (Ph.D.)**

**HEAD OF THE DEPARTMENT**  
**Dr. K. S. DEEF, M.Tech, Ph.D.**  
**S.V. COLLEGE OF ENGINEERING**  
**KARAKAMBADI ROAD, TIRUPATI-517 507.**

A TECHNICAL SEMINAR REPORT  
ON  
**ADAPTIVE PIEZOELECTRIC ENERGY HARVESTING CIRCUIT**  
Submitted to  
**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR**  
in partial fulfilment of the requirements for the award of the degree in  
**BACHELOR OF TECHNOLOGY**  
IN  
**ELECTRICAL AND ELECTRONICS ENGINEERING**

Submitted by  
**K.SAI KUMAR (18BF1A0246)**

Under the esteemed guidance of  
**Dr.K.SUDHEER, M.TECH, Ph.D**



**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**  
**SRI VENKATESWARA COLLEGE OF ENGINEERING**

(Approved by AICTE, New Delhi & Affiliated to J.N.T.U. Anantapur, Accredited by NBA & NAAC 'A' Grade)Opp.LIC Training Centre, Karakambadi road, Tirupati – 517501, A.P.  
(2018-2022).

**SRI VENKATESWARA COLLEGE OF ENGINEERING**  
**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**

(Approved by AICTE, New Delhi & Affiliated to J.N.T.U. Anantapur,  
Accredited by NBA & NAAC 'A' Grade)

Opp.LIC Training Centre, Karakambadi road, Tirupati – 517501, A.P.  
(2018-2022).



**CERTIFICATE**

This is to certify that the Seminar report entitled, "ADAPTIVE PIEZOELECTRIC ENERGY HARVESTING CIRCUIT" a bonafied work carried by

**K.SAI KUMAR (18BF1A0246)**

towards the partial fulfilment of the requirements for the award of the degree in BACHELOR OF TECHNOLOGY in ELECTRICAL AND ELECTRONICS ENGINEERING from J.N.T.University, Anantapur, during the year 2018 –2022.

*[Signature]*  
GUIDE

Dr.K.Sudheer, MTech, Ph.D

*[Signature]*  
HEAD OF THE DEPARTMENT  
H.O.D. E.E.E  
S.V. COLLEGE OF ENGINEERING  
KARAKAMBADI ROAD, TIRUPATI-517501  
Dr.K.Sudheer, MTech, Ph.D