

NEWSLETTER
AY:2022-23
Issue - 2

Department of

Electrical



Electronics

Engineering

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EVENTS ORGANIZED

FACULTY EVENTS:

The visit of MVR Technology for consultancy work

Date of visit: 6th February, 2023

Details of Industry: MVR Technology, Survey No. 559/8, Vinjanampadu Village (P), Vatticherukuru Mandal, Guntur-522017, (A.P.).

Technical Advisors:

1. Dr.J.SIVAVARA PRASAD Professor & HOD, EEE Department
2. Dr.K.R.L.PRASAD, Professor , EEE Department

The MVR Technology is requesting the department of EEE for professional consultant services related to Government FSTP plants. In this connection, 2 of department faculty members visited the industry and interacted with management, project engineers and supporting members. These members given some suggestions on the design of vertical type motors and designing of sensors and also given information about different motors manufacturing industries and their quality and standards. Giving technical suggestions to MVR technologies.

Coordinator: Dr G.Nageswara Rao



Fig. 1 MVR Technologies



Fig. 2,3& 4 Represents Giving technical suggestions to MVR technologies

STUDENT EVENTS :

“ELOCUTION COMPETITION” ON THE OCCASION OF NATIONAL SCIENCE DAY

The Green Energy Club of EEE Department in association with AEEL & LBRCE IEEE Student Branch is organized an Elocution Competition on “Recent Trends in Science and Technology” on the occasion of “National Science Day” on 28-02-2023. Science brings about solutions for everyday problems and provides answers to the greatest mysteries of the universe. Science is thus one of the most important channels of knowledge. It has a specific role, yet has various functions, for our society’s benefit, i.e. improving knowledge and education, and enhancing the quality of life. A country can evolve thanks to scientists who find new approaches to problems and prove new scientific laws. In this regard, National Science Day is observed on 28th February each year in India, to honour the revered physicist Dr Chandrasekhara Venkata Raman’s contributions.

Names of the Coordinators : Mr.K.Nagalinga Chary

Date / Duration : 28-02-2023, 11.30 AM to 12.40 PM

WINNERS LIST:

S.NO	NAME OF THE STUDENT	ROLL NO	WINNERS
1	P. Satya Sai Lohith	20761A02A4	I
2	Addgarla Vanela	22765A0201	II



Prize Distribution



Participants

GUEST LECTURES

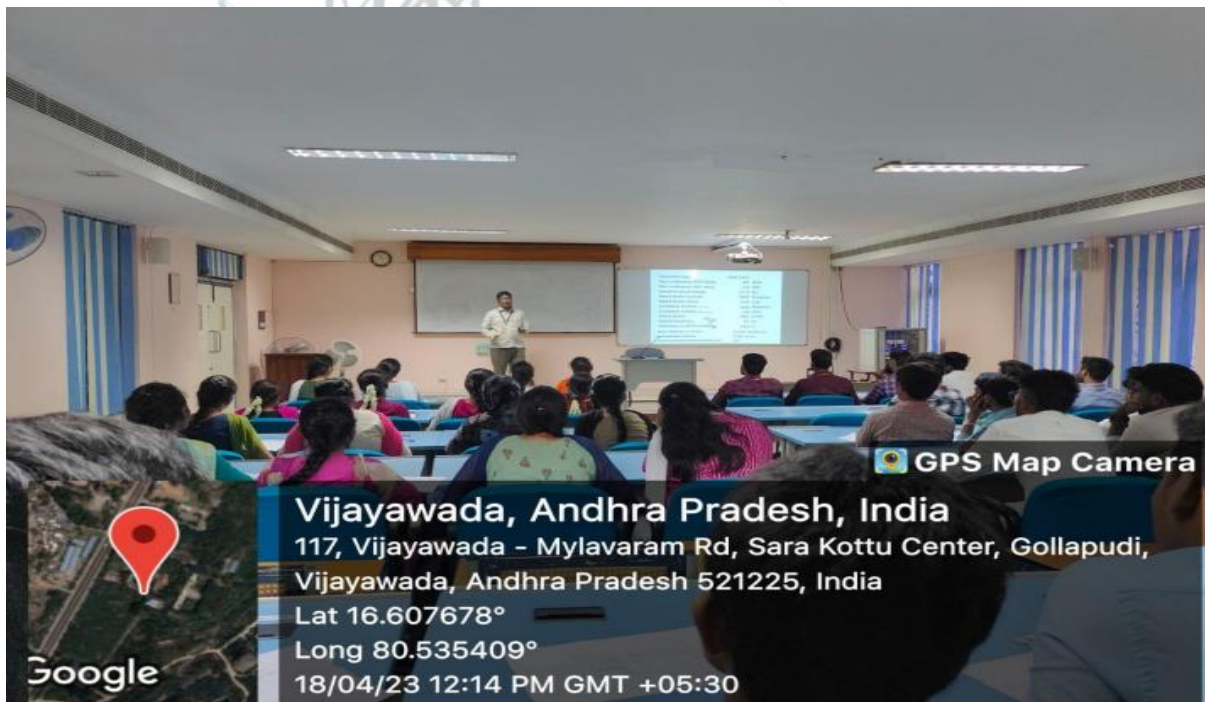
Guest lecture on “Developments in Installation capacity, Stages, working of various sub-systems of Thermal power generating station”

Name of Industry : Dr.NTTPS APGENCO Power Generation Plant, Ibrahimpatnam, Vijayawada, Andhra Pradesh

Faculty Accompanied : Mr.K.Nagalinga Chari and Mrs.K.S.L.Lavanya

The objective of this Guest Lecture is to give “Developments in Installation capacity, Stages, working of various sub-systems of Thermal power generating station”. Students acquired knowledge on Installation of Plant, Stages, working of plant, Boilers, Transformers, Generators, Cooling Towers, Chimney, Switch Yard, Coal Handling Plant, Ash Handling – Conveyor belts, Current use of Brush-less Exciter for Generator Rotors and also about 800 MW units under construction with advanced technology in maintenance, operation & Control involved in Thermal Power Generating Station.

- Students involved in the interactive session after the Guest Lecture and cleared their doubts about the plant capacity, usage of Fly Ash, Pollution control measures with the Resource person.
- Economic power generation as compared to the previous years has been discussed



ALUMNI INTERACTIONS

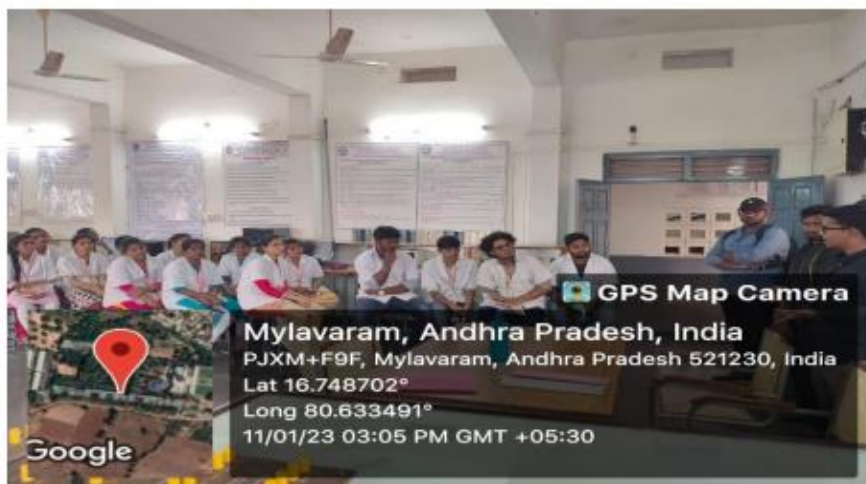
ALUMNI INTERACTION ON CAREER GUIDANCE IN CORE

SECTOR on 11/01/2023

Resource Persons : A.Sai Jayakrishna (18761A0202) ,Chaos Electronics LLP Project Engineer

Name of Coordinator: Mrs.K.S.L.Lavanya

Outcome of Event : Students are familiar with the various steps and courses involved in getting a bright career in the core companies. He addressed the key responsibilities of Project Engineer. The various steps and courses involved in getting a bright career in various fields are explained in detail for the students.



Alumni interaction by A.Sai Jayakrishna (18761A0202),Chaos Electronics LLP Project Engineer

ALUMNI INTERACTION ON CAREER GUIDANCE

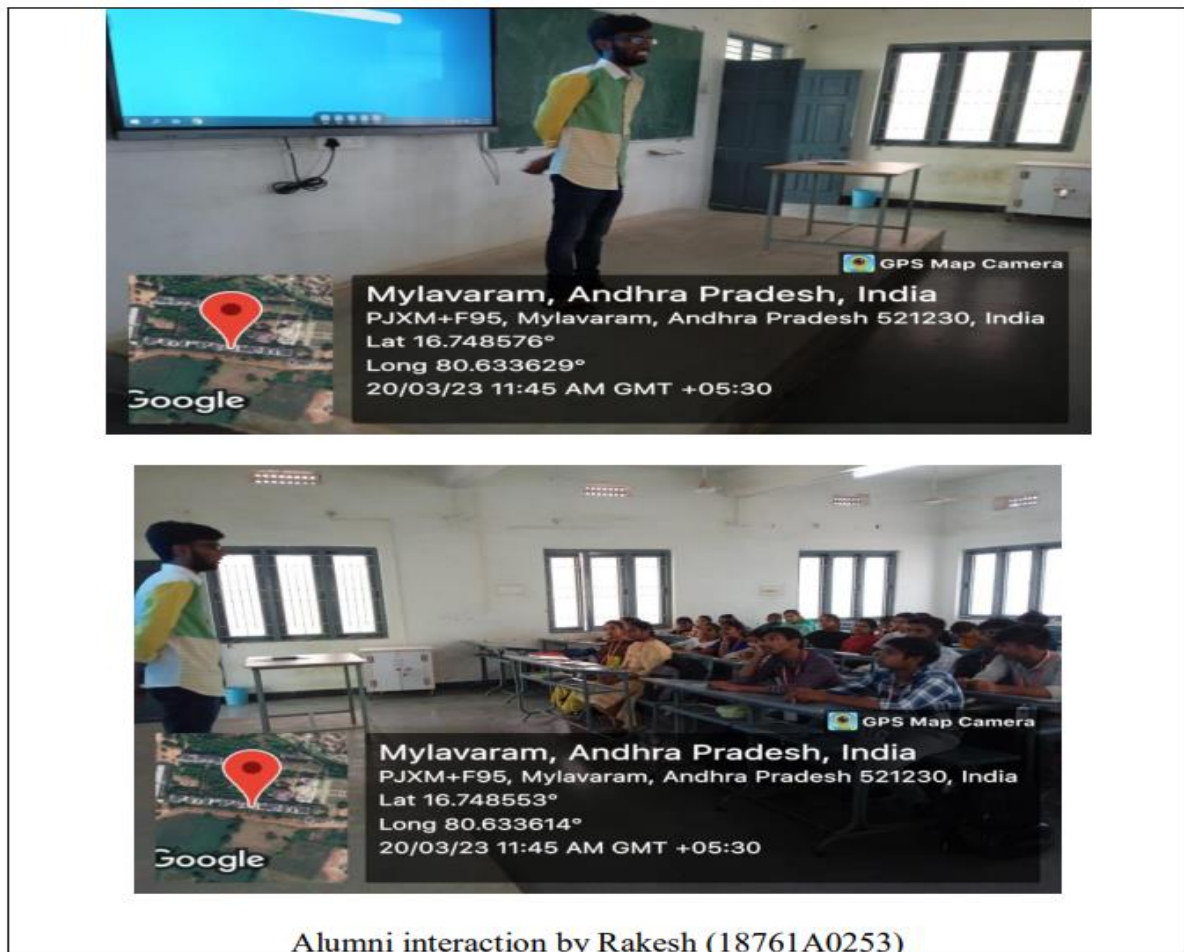
on 20/03/2023

Resource Persons : A.Rakesh (18761A0253) Business Development Associate,Bangalore

Name of Coordinator: Mrs.K.S.L.Lavanya

Outcome of Event: Students are familiar with the various steps and courses involved in Getting a bright career in companies.

- He addressed the key responsibilities of Business development associate . The various steps and courses involved in getting a bright career in various fields are explained in detail for the students.
- Also, He delivered about the overview about the Business development associate job. Finally, valuable guidance is given for the students who interacted after the completion of his talk on “Career Guidance ”.



ALUMNI INTERACION on 28/03/2023

Resource Person : Mr.Venkata Ramana ,11761A0280

Designation : Junior Engineer

Organisation : Indian Railways

Name of Coordinator: Mrs.K.S.L.Lavanya

Outcome of Event: All the students interacted well and enhanced their knowledge.



ACHIEVEMENTS

FACULTY ACHIEVEMENTS :

NPTEL TOPPERS:

Name of the Faculty	Name of the Course	Grade	Position
Dr. P. Sobha Rani	Educational Leadership	Elite+ Gold	--

RECOGNITIONS:

S.No	Name of the Faculty	Name of the Award/ Recognition	Awarding Agency with Contact Details (Email ID Website & Contact Number)	Date of receiving Award	If Innovation category Title of the Innovation
1	Dr.G.Nageswara Rao	Reviewer	No:22603/IJPEDS/RI/IV/ 2023	2023	International Journal of Power Electronics and Drive Systems

STUDENT ACHIEVEMENTS :

Academic Toppers: A.Y 2022-23

S.No	Roll No.	Name Of the Student	Name of the award
1	19761A0278	Sravanthi	Branch Topper(Overall)

INTRAMURAL RESULTS FOR THE ACADOMIC YEAR 2022-23

ATHLETICS(BOYS)

	POSITION	NAME OF THE STUDENT	YEAR	REGD. NO.
100 mts. Sprint	II	B.THIRUPATHI NAIK	IV	19761A0203
200 mts. Sprint	III	B.THIRUPATHI NAIK	IV	19761A0203

SHOT PUT	III	B.THIRUPATHI NAIK	IV	19761A0203
DISCUS	III	GOLLA NANDAN KUMAR	IV	19761A0214
JAVELIN	III	B.THIRUPATHI NAIK	IV	19761A0203
LONG JUMP	I	B.THIRUPATHI NAIK	IV	19761A0203

RELAY (4X 100)

POSITION	NAME OF THE STUDENT	YEAR	REGD. NO.
II	B.THIRUPATHI NAIK	IV	19761A0203
	K. VENKATA MAHESH	II	21761A0270
	D. SAGAR	IV	19761A0264
	G. VENKATESWARA RAO	II	21765A0206

BEST MEN ATHLETE: B.TIRUPATHI NAIK, IV EEE, 19761A0203

MEN POWERLIFTING

CATEGORY	POSITION	NAME OF THE STUDENT	YEAR	REGD. NO.
53 Kg	II	M. LEELA SAI CHENDU	I	227611A0279
93 Kg	I	P. ANAND BABU	I	227611A0292

WOMEN BADMINTON (DOUBLES)

POSITION	NAME OF THE STUDENT	YEAR	REGD. NO.
WINNER	J. THUSHITHA SAI	IV	19761A0219
	Y. AKHILA	IV	19761A0253

KABADDI RUNNERS

S.NO	NAME OF THE STUDENT	YEAR	REGD. NO.
1	T.LAKSHMI ALEKHYA	IV	19761A02A1
2	P.NAGA LAKSHMI	IV	19761A0287
3	B LASYA PRIYA	IV	19761A0204

4	J.THUSHITHA SAI	IV	19761A0219
5	B.DEEPTHI	II	21761A0254
6	G.TRISHA	I	22 EEE 004
7	N.SAILAJA	II	21761A0278
8	B.LAVANYA	III	20761A0269
9	K.PUJITHA	III	20761A0224
10	V.SIREESHA	IV	19761A02A4
11	R.GAYATHRI	IV	19761A0236
12	V.VENU MADHAVI	III	20761A02C1

CRICKET RUNNER

S.NO	NAME OF THE STUDENT	YEAR	REGD. NO.
1	A.KEERTHANANJALI	III	20761A0265
2	CH. LAKSHMI PRASANNA	III	20761A0209
3	A. LEELA DIVYA	III	20761A0264
4	M.LALITHA	III	20761A0298
5	T.GEETHANJALI	II	21761A0242
6	V.VENU MADHAVI	III	20761A02C1
7	B. LAVANYA	III	20761A0269
8	T.ALEKHYA	IV	19761A02A9
9	Y. AKHILA	IV	19761A0253
10	I.ASHA LATHA	IV	19761A0268
11	T. BHARGAVI	IV	19761A02A0
12	P. ANUSHA	IV	20765A0216

ATHLETICS(WOMEN)

	POSITION	NAME OF THE STUDENT	YEAR	REGD. NO.
200 mts. Sprint	II	B. DEEPTHI	II	21761A0254
	III	P. pRAMEELA	III	20761A0246
400 mts. Sprint	III	M. HARIKA	II	21761A0226
SHOT PUT	II	PUJITHA	III	20761A0224

DISCUS	I	A.KEERTHANANJALI	III	20761A0265
JAVELIN	I	A.KEERTHANANJALI	III	20761A0265

RELAY (4X 100)

POSITION	NAME OF THE STUDENT	YEAR	REGD. NO.
III	B. DEEPTHI	II	21761A0254
	R. GAYATHRI	IV	19761A0236
	Y. AKHILA	IV	19761A0253
	P.PRAMEELA	III	20761A0246

BEST WOMEN ATHLETE: A. KEERTHANANJALI, III EEE, 20761A0265

Achievements in CoCurricular Activities 2022-23

S.NO.	Roll Number	Name Of The Student	Conducted Institute	Participated in	Date	Prize
1	20761A0271	B.Venu Madhav	LBRCE	Engineers Day Event	15/9/2022	I st Prize
2	20761A02A4	P.Lohith	LBRCE	Engineers Day Event	15/9/2022	II nd Prize
3	21761A0254	B.Deepthi	LBRCE	LAKSHNA-22	28/12/2022	I st Prize
4	21761A0258	G.Naga Bhagya Lakshmi	LBRCE	LAKSHYA-22(PRAGNA)	28/12/2022	I st Prize
5	20761A02B2	Shaik Sameer	LBRCE	LAKSHYA-22 (PROJECT EXPO)	28/12/2022	II nd Prize
6	20765A0203	J.Chitanya Kumar	LBRCE	LAKSHYA-22(PPT)	28/12/2022	I st Prize
7		G.Yaswatnth	LBRCE	LAKSHYA-22(PPT)	28/12/2022	III rd Prize
8	22761A0270	I.Naveen Kumar	LBRCE	LAKSHYA-22(PPT)	28/12/2022	II nd Prize
9	20761A02B2	Shaik Sameer	NRI Institute of technology	SUNRISE 2K23	27/2/2023 & 28/2/2023	I st Prize
10	20761A0271	B.Venu Madhav	PVPIST	SITAR2023	10/3/2023&11/3/2023	II nd Prize
11	20761A02B2	Shaik Sameer	PVPIST	SITAR2023	10/3/2023&11/3/2023	II nd Prize

PUBLICATIONS

FACULTY PUBLICATIONS:

SCIE PUBLICATION:

- **K. Harinadha Reddy**, Assessment of integrated renewable energy system state through VFMF, A novel approach Electric Power Systems Research, 0378-7796, Mar-23, **SCIE**
- **K. Harinadha Reddy**, A deep CNN approach for islanding detection of integrated DG with time series data and scalogram, Soft Computing, 14327643 April, 2023, **SCIE**
- P.V.V.Satyanarayana, A. Radhika, Ch.Rami Reddy, **B.Pangedaiah**, L.Martirano, Combined DC -Link Fed Parallel -VSI - Based DSTATCOM for Power Quality Improvement of a Solar DG Integrated System, Electronics(M PDI) 2079 -9292, Jan -23, **SCIE**
- M.Alqahtani, P.Mari, V.Moorthy, B.Pangedaiah, ch.rami reddy, m.krankumar, m.khalid, Investigation and Minimization of Power Loss in radial distribution network using gray wolf optimization, Energies, 1996 -1073, Jun -23, **SCIE**
- Chintalapudi V Suresh, **M.S.Giridhar**, Ch.NagaSaiKalyan, K. PrudhviRaju, Optimal Renewable Resource for Enhanced Performance of Unbalanced Radial Distribution Systems , Microsystem Technologies, 09467076. 23, Jan 2023, **SCIE**

SCOPUS PUBLICATIONS:

- Pankaj Ramtekkar, Dr Aruna M, Dr. Pankaj Varshney, Dr. V. Bhoopathy, **T. Naga Durga**, Mohd Asif Shah, Dynamic Reconfiguration Method for Improving PV Water Pumping System Efficiency in Partially Shaded Environments, IEEE Xplore, 1499-1508, April 2023, **SCOPUS**
- S.Talam, A. Begum, **M.B.Chakravarthi**, T.Mukherjee, B.Poornaiah, B.Rambabu, Impact of stress concentrated region on MEMS based piezoelectric energy harvester, Springer Conference, March 2023, **SCOPUS**

STUDENT PUBLICATIONS:

- **Mr. P. Srihari Mr. Vishal Tej Dr. Kiran Teeparthi**, A hybrid GAN based auto encoder approach with attention mechanism for wind speed prediction, IEEE Xplore, 1499-1508, April 2023, **SCOPUS**

GRANTS RECEIVED

2022-23	DR.J.S.V PRASAD	AICTE(ATAL)FDP on IOT Based Green Energy Technologies	2022	AICTE	Rs 3,00,000
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PATENTS PUBLISHED

Name of the Inventor	Title of the Patent	Published Month & Year	Patent Application ID	Status
Dr.G.Nageswara Rao	An Electrical Muscle Stimulator Device or Unit	March 2023	Design No:356019-001	Published
Dr.M.Umavani	A Method of Preventing Malfunction and Distant Relay due to Power Swing in Multi-Machine Systems	Feb 2023	Patent No: 420972	Published

BOOKS WRITTEN

Name of the Authors	Title of the Book/ Chapter	Name of the Publisher with Address	ISBN number
Dr.G. Nageswara Rao	Detection and Analysis of Mental Stress in Online Learning Using IoT Devices	Nova Science Publishers, Inc	ISBN 979-8-88697-185-9
Dr.A V G A Marthanda	Renewable Energy Sources	GCS Publishers India	ISBN: 978-93-94304-54-3
Dr.A V G A Marthanda	Internet Of Things A New Age Era Of Technologies And Application	GCS Publishers India	ISBN: 978-93-94304-12-3

PLACEMENTS



LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING (Autonomous)
DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

Total Selections Till Now 112*

(Accredited by NBA under Tier - D)

PLACEMENTS & HIGHER STUDIES A.Y: 2022-23

HIGHEST PKG 8.0 LPA

NIS ACCENTURE



NIS CTS



NIS TCS



NIS TCS NINJA



NIS MES CORP (CORE SECTOR)



NIS TCS DIGITAL



NIS THERMAL SYSTEMS (CORE SECTOR)



NIS VEN TECHNOLOGIES (CORE SECTOR)



NIS ECCE NEXT



NIS TOSHIBA (CORE SECTOR)



NIS ALTORA



NIS GURU DEVESH (SPT C)



NIS KIRKORUM (SPT C)



NIS JYOTI (CORE SECTOR)



NIS KENT JON (SPT C)



NIS CADITE (SPT C)



NIS TVS SUNDARAM FASTENERS



NIS TVS SUNDARAM FASTENERS



NIS TVS SUNDARAM FASTENERS



NIS TVS SUNDARAM FASTENERS



NIS TVS SUNDARAM FASTENERS



NIS MECHA ENGINEERING AND INFRASTRUCTURE LTEL (CORE SECTOR)



NIS MECHA ENGINEERING AND INFRASTRUCTURE LTEL (CORE SECTOR)



NIS MECHA ENGINEERING AND INFRASTRUCTURE LTEL (CORE SECTOR)



NIS MECHA ENGINEERING AND INFRASTRUCTURE LTEL (CORE SECTOR)



NIS MECHA ENGINEERING AND INFRASTRUCTURE LTEL (CORE SECTOR)



NIS MECHA ENGINEERING AND INFRASTRUCTURE LTEL (CORE SECTOR)



NIS MECHA ENGINEERING AND INFRASTRUCTURE LTEL (CORE SECTOR)



