

**VALLURUPALLI NAGESWARA RAO
VIGNANA JYOTHI INSTITUTE OF
ENGINEERING & TECHNOLOGY**

HYDERABAD - 500 090

(AUTONOMOUS)



Estd. 1995

**Industry Institute Partnership
(IIP)**

VISION

To be a World Class University providing value-based education, conducting interdisciplinary research in cutting edge technologies leading to sustainable socio-economic development of the nation.

MISSION

- ❖ To produce technically competent and socially responsible engineers, managers and entrepreneurs, who will be future ready.
- ❖ To involve students and faculty in innovative research projects linked with industry, academic and research institutions in India and abroad.
- ❖ To use modern pedagogy for improving the teaching-learning process.

QUALITY POLICY

- ❖ Impart up-to-date knowledge in the students' chosen fields to make them quality engineers.
- ❖ Make the students experience the applications on quality equipment and tools.
- ❖ Provide quality environment and services to all stakeholders.
- ❖ Provide systems, resources and opportunities for continuous improvement.
- ❖ Maintain global standards in education, training and services.

CONTENTS

S. No	Department
1.	Civil Engineering
2.	Electrical and Electronics Engineering
3.	Mechanical Engineering
4.	Electronics and Communication Engineering
5.	Computer Science and Engineering
6.	Electronics and Instrumentation Engineering
7.	Information Technology
8.	Automobile Engineering
9.	CSE- AIML & IOT
10.	CSE- (CYS, DS) and AI & DS

DEPARTMENT OF CIVIL ENGINEERING

INDUSTRY INSTITUTE INTERACTION CELL ACTIVITIES

Industry Institute Partnership activities in the Department focus on bridging the gap between the academia and industry, to promote and nurtures industry interaction in various academic activities such as Curriculum Design, Teaching and Learning, Internships, Placements and Mentoring the students, faculty and the department as a whole for its holistic development.

Industry Advisory Board of Civil Engineering

Ms. Sneha Redla
Managing Director, Aarvee Australia & UK | CEO, Hyve
Global Arvee Associates



P. Surya Prakash
Managing Director
M/s Satya Vani Projects Pvt. Ltd



Dr. Harikishan Koppula Reddy
Chairman
M/s. Cube Highways and Transportation Assets Advisors
(P) Ltd.



Dr. D.V Sridhar Murthy
Director, M/s Samarth Infra Engg Technocrats Private
Limited



K. Srinivasulu
Managing Director
M/s KDM Engineers Pvt. Ltd



Dr. Rajashekar Reddy
Associate Vice President
GreenKo Energy Group Pvt. Ltd



INDUSTRY EXPERTS IN CURRICULUM DESIGN

Industry experts as Members of Boards of Studies

Year	Name of the industry expert	Associated Industry
2017 – 2021	A.M. Sarath SSE/DRG Bridge section	South Central Railway
	P.V.Rao Managing Director	Pennar Industries Limited Hyderabad
2021 – 2023	Dr.K.Srinivas Vice President (Sustainability & Innovation)	M/s Re sustainability Limited Gachibowly, Hyderabad
	M. Pradeep General Manager	M/s Vasu Sri Infra Projects Hyderabad



P V Rao
Chairman & Managing Director
PEBS Pennar Industries



Dr. Srinivas K
Vice President Sustainability
ReSustainability Limited




M. Pradeep
General Manager
M/s Vasu Sri Infra Projects



A.M. Sarath
SSE/DRG Bridge section
South Central Railway

Industry designed courses

	<p>Mr. Mohammed Rehmatulla</p> <ul style="list-style-type: none"> • Pre-Engineered Buildings (UG) • Design of Pre-Engineered Buildings (PG)
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Program	Course Name	Course Code	Program/Year of study	Industry involved
B.Tech. (Civil Engineering)	Pre-Engineered Buildings	18PE1CE22 19PE1CE29	VIII Semester (B.Tech.-R-18, R19, R22 Regulations)	Mr. Mohammed Rehmatulla Sr.Design Engineer PEBS Pennar Industries
M.Tech. (Structural Engineering)	Pre-Engineered Building Design	22PE1ST22	III Semester (R18,R22 Regulations)	Mr. Mohammed Rehmatulla Sr.Design Engineer PEBS Pennar Industries

INDUSTRY EXPERTS IN CURRICULUM DELIVERY

- **Courses delivered by Industry experts:** Experts are invited to deliver course contents in core/professional elective courses.

Expert/Guest lectures by Industry Experts

S.No.	Name & Details of the person who delivered the lecture	Topic of the Guest Lecture	Dates of the Lecture	For whose benefit the lecture was organized	No. of students Attended
1.	CA Prasad, Director,	Civil Engineering- Beautifying the society-	15-09-	III B.Tech and IV	176

	Metey Engineering and Consultancy Pvt. Ltd and president PSI, Hyderabad	career challenging and interesting	2023	B.Tech students	
2.	Badiga Srikanth, MD, Phoenix group, Hyderabad	Career opportunities in Civil Engineering	29-09-2023	I, II B.Tech and IV B.Tech students	130
3.	Dr.V.S.S.Kiran, CEO, Gradualytics Pvt.Ltd, Hyderabad	Geographical information system and web GIS	16-10-2023	IV B.Tech students	106
4.	Er.Krishna Sandepudi, senior principal-Major projects, complex bridge leader-Stantec, Tampa, Florida, United States	Bridge Engineering	09-11-2023	I& II-M.Tech(Str structural Engineering) students, III B.Tech students	134
5.	Mr. Ramakrishna Vidap, Managing Director, Speed Dry Mix India Pvt ltd.	Dry Mixes	04-07-2022	I-M.Tech Structural Engineering students	15
6.	Mr. DV. Sridhar Murthy Managing Director, M/S Samarth Infra Engineering	Technical Due Diligence	20-08-2022	I-M.Tech students (SE, GT, HE)	23
7.	Mr. M. Obula Reddy & Mr. Srinivas MVDS Directors ANVI Technical Advisors India Pvt Ltd.	Property Valuation	15-02-2023	III B.Tech and M.Tech students	121
8.	Md. Rehamatulla, Senior Engineer M/S Pennar Industries Ltd, Hyderabad	Pre -Engineered Buildings	01-05-2023	IV B.Tech and I M.Tech students	47
9.	Mr. Ramakrishna Vidap, Managing Director, Speed Dry Mix India Pvt ltd.	Dry Mixes	04-07-2022	I-M.Tech Structural Engineering students	15

10	Mr. M. Satish Reddy, Project Manager, Soilsol Projects	Reinforced Earth Concepts, Application and Practices in Geotechnical Engineering	29-09- 2021	IV B.Tech & I- M.Tech (GTE) students	89
11	Bishwajeet Chaube, Scientist -G, DRDO	Construction of G+6 building by Using Hybrid Composite Construction Technology	04-05- 2022	III B.Tech & I- M.Tech students (SE, GT, HE)	89
12	Mr. K. Sitaramanjaneyulu, Retd. Chief Scientist PE division CSIR, NewDelhi	State of art NDT Techniques	13-05- 2022	IV B.Tech & I- M.Tech students (SE, GT, HE)	35
13	MD. Rehmathulla, DGM Designs, PEBS, Pennar India	Pre-Engineered Building Systems	20-07- 2019	III & IV B.Tech students	125
14	Team of MIDAS R&D Center, India	PSC BOX Girder and Box Culvert Modelling Analysis and Design using Bridge Software	24-12- 2019	III B.Tech students	112
15	Mr. Sandeep, Councilor, CII	Introduction to Green Buildings	29-09- 2018	II & III B.Tech students	116
16	Mr. Srinivas Kothari, AGM. Tata Consulting Engineers Ltd.	High Rised Structures - A case study on Burj Khalifa	20-02- 2019	IV B.Tech & I M.Tech (Structures) students	97
17	Mr. Rishi, Consultant	Experiences as a Consultant	29-08- 17	IV B.Tech Students	75
18	Dr. Ashay S.K Naidu	A Guest Lecture on Structural Health Monitoring using Piezo- electric Impedance Sensors	11-10- 17	III B.Tech & I M.Tech Students (Structures)	96
19	Mr. PSR Koundinya, Director, M/S Peketi Ventures, Hyd	Employments Prospective in the field of Civil Engineering	06-03- 18	III B.Tech & IV B.Tech Students	106
20	Mr. A. Manikantha Sarath, Jr Engineer, RRB South Central Railway	Employment Prospects in Civil Engineering	24-03- 18	III B.Tech Students	103



Mr. CA Prasad delivering the lecture



Mr. Badiga Srikanth delivering the lecture



Er. Dr.V.S.S.Kiran(Garudalytics) delivering the lecture



Er. Krishna Sandepudi (Bridge Design Engineer,US) delivering the lecture



Bishwajeet Chaube (DRDO) and Faculty of Civil Engineering After the lecture



Mr. Srinivas Kothari(Tata Projects) delivering the lecture

Industry Endorsement Course delivery- WIT & WIL™

No. of industry endorsements	Industry details
20	<ul style="list-style-type: none"> • Mega Engineering and Infrastructure Ltd. • SEW Constructions Pvt. ltd. • Greenko Pvt. Ltd. • Vijay Nirman Company Pvt. ltd. • IVRCL Limited • Pragathi Consultants • Bodhi Technocrats • Satyavani Projects Pvt. Ltd. • Praneeth Builders • Throne Consulting Engineers Private ltd. • AP State Housing Corporation Ltd • URS Scott Wilson India Pvt Ltd • Chettinnad Cement Corporation Pvt. Ltd. • PEBS Pennar • AARAV Unmanned Systems Pvt. Ltd. • RWS & S Sub Division • P.P Sub Division • NMDC Ltd. • Strynamix • Larsen & Toubro Limited

Certification courses

Skill Enhancement through Certificate Courses

S.No.	Certification/Training	Industry Involved
1	Drone Surveying	Vyomic Drone Technologies Pvt.ltd
2	Primavera(Project Management software)	Canter CAD Solutions
3	MS Project	Canter CAD Solutions

4	Arc GIS	Garudalytics Pvt. Limited
5	Building Information Modelling	Canter CAD Solutions
6	Mechanical Electrical & Plumbing Design	Dhanush Engineering Services(NSDC)
7	Advance AutoCAD	Canter CAD Solutions
8	E-TABS	Canter CAD Solutions



“Introduction and Hands on Training on Drone Surveying” during 15-16 December, 2021 in collaboration with **Vyomik Drone Technologies ltd.**

Industry Internships

- | | |
|---|---|
| <ul style="list-style-type: none">• NICMAR, Hyderabad• MEIL• Mitra Flyash Bricks Industry• ANVI Technical Advisors India Private Limited• Engineering Projects (INDIA) LTD.• Patel Engineering Private Limited• S.S Constructions• Rajadhani Associates• BSCPL• PEBS Pennar• Zedcon Structural Consultancy• Peketi Ventures• NCC Pvt. Ltd.• Panchayat Raj Engineering Department- R & B• KMV Projects• | <ul style="list-style-type: none">• Shapoorji Pallonji Pvt.Ltd• Ramky Infra• L & T Metro Rail, Hyderabad• CSIR-CRRI• DRDO• Indian Railways South Central Bridges• HMWSSB• DEC Infrastructure• I & CAD Mission Bhageeratha• Tata Projects Ltd• BHEL• Visara Projects Limited• Sri Developers• Aiswarya Associates• GK Raj Casagrande• Ultra core Systems Private Limited• Environmental Protection and Training research Institute (EPTRI) |
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Industrial Visits

Academic Year	Name of the Industries Visited
2022 – 2023	• Praneeth Innovatives LLP
	• CII - Sohrabji Godrej Green Business Centre
	• M/s. Shangrila Infracon India Pvt Ltd.
	• INCOIS, Pragathi Nagar
2021 –20 22	• Vasavi Constructions
	• Srishti Precast Ltd.
	• Shalini Steel Industries Pvt. Ltd.
	• Rank Ready Mix Concrete
2019 – 2020	• CLC Blocks VJ Hostels
	• VJ hostel building block - B
	• Cable – Stayed Bridge, ECC L&T
	• PEBS Pennar Engineered Building Systems Ltd.
2018 – 2019	• CII - Sohrabji Godrej Green Business Centre
	• PSV PRECAST Pvt. Ltd.
	• ULTRA CORE SYSTEMS, Balangar, Jadcherla
	• Indian National Centre For Ocean Information Services
	• PEBS Pennar Engineered Building Systems Ltd
2017 – 2018	• Survey Training Institute, SOI, Uppal, Hyderabad
	• Preca Solutions India Pvt. Ltd. Hyderabad
	• Indian National Centre For Ocean Information Services
	• CII - Sohrabji Godrej Green Business Centre



RANK Ready Mix Industries



PEBS Pennar Industries



Shangrilla Highrise Buildings



Intercontinental Projects



Praneeth Projects



Chettinadu Cements

INDUSTRY EXPERTS IN EVALUATION

Industry experts as external examiners in the UG, PG project evaluation

Industry Expert	Industry Association	Program/Year
Mr. Srinivas Kothari, AGM	Tata Consulting Engineers Ltd.	B.Tech Major project Viva-voce, 2021
Dr. G. Padmaja Vice president, Designs	Kirby Building Systems	M.Tech(Str.),Major project Viva-voce, 2021
Mr. P. Rajasekhar Reddy Associate Vice president	M/s Greenco Energy Group	M.Tech(HE),Major project Viva-voce, 2022
Er.Murali Head Highways	M/s KDM Engineers (India) Pvt.ltd.	M.Tech,(HE)Major project Viva-voce, 2021
Ms.S.Haritha Dy.General Manager	M/s Orient Cement	M.Tech(Str.),Major project Viva-voce, 2019
Mr. P. Thrimurti Raju Managing Partner	M/s SRC Coir Industries	M.Tech(GTE),Major project Viva-voce, 2021
K.Srinivasulu Managing Director	M/s KDM Engineers(India) Pvt.ltd.	M.Tech,(HE)Major project Viva-voce, 2021
Mr.Ch.Satyanarayana, Head- Projects	GMR Hyderabad International Airport Ltd	M.Tech(HE), Major project Viva-voce, 2021
Mr. Gunanshu Bhargava Asst. Manager, Geotechnical Dept.	Arvee Associates Pvt.ltd	M.Tech(GTE),Major project Viva-voce, 2021
Mr. T. Someshwar Rao Sr. Manager	M/s Egis India	M.Tech(GTE),Major project Viva-voce, 2021
Dr. Akshay Kumar Jha Chief Track Engineer	South Central Railway,	M.Tech(Str.),Major project Viva-voce, 2021
Dr. S Subba Reddy General Manager-Designs	M/s. Kirby Building Systems India Ltd	M.Tech(Str.),Major project Viva-voce, 2021
Mr.P S P Reddy Managing Director	M/s Sneha Kiran Techno Consultants Pvt.ltd.	M.Tech(GTE),Major project Viva-voce, 2021
Satish Redy, N Managing Partner	M/s Soilsol Projects.	M.Tech(GTE),Major project Viva-voce, 2021

INDUSTRY MoU's

MoUs are signed for possible collaboration in terms of Internships, field/site visits, hands on training employability opportunities and in faculty research.



S.No.	Name of the Institution / Industry	Year of signing	Duration (Years)	List of actual activities under MoU
1.	NHAI	2021	5	Internship / Training
2.	SEW Infra Structure Pvt. Ltd.	2021	3	Training
3.	Keerthi Industries	2021	3	Internships, Guest lectures, Industry support labs
4.	PEKETI Ventures Pvt. Ltd.	2021	3	Internship, Training and Placements

5.	BSCPL Infrastructure Ltd.	2021	3	Training and Placements
6.	Venkata Praneeth Projects Ltd.	2021	3	Training and Placements
7.	ECC L&T Construction	2020	3	Internship and Training
8.	Grama Bazar	2019	3	Educational – Collaboration projects
9.	Anewa Engineering Pvt. Ltd.	2019	3	Internships
11.	CAD Deploy Engineering Pvt. Ltd.	2017	5	Training and Campus Interviews
12.	COACT Solutions Pvt. Ltd.	2022	5	Training ,PG placements

Impact:



MoU with GRAMA BAZAR: Demonstration of Flower pots with plastic waste in International innovation fair in 2019(under Research collaboration)



CED and Grama Bazar team with Shri Jayesh Ranjan, Principal Secretary of the Industries & Commerce (I&C) and Information Technology (IT) Govt. of Telangana at Innovation fair



MoU with PEKETI Ventures Pvt. Ltd.

- Entrepreneur
- Student internships
- Guest lectures
- Industry Visits

INDUSTRY SUPPORTED LABORATORIES

Keerthi Industries, Hyderabad



Disc Granulator



Digital Mortor Mixer



Jaw Crusher



MoU with Keerthi Industries

Research projects	Suitability of Mining sand for replacement of natural sand in concrete(UG student projects)
Ph.D Work	Research, Projects on new and sustainable materials using granulator resulting one Ph.D work (Ms. Arti sudam pursuing Ph.D. from NITW on “Synthesis and Characterization of geopolymmer fly ash sand”)
Research Publication	4 (1- Q1Journal publication, 2 –Q2 Journal Publications,1 indexed)
Conduct of academic laboratory	Student projects in UG & PG Course based projects
Improvement in Department Internal Revenue Generation	Research and Consultancy support: tests on Cement & Fine aggregate (Mining sand)

Societal Impact	Research on C& D waste using JAW Crusher leading to laying of 100 m ROAD in the Institute using C& D waste
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Construction of Road Using 100% C & D Waste

General Details:

- Length : 90 m
- Avg. Width : 5.26 m
- Avg. Thickness of GSB Layer : 75 mm
- Avg. Thickness of M30 Grade Concrete Layer : 100 mm
- Cost of Project : Rs. 6.00 Lakhs
- C & D Material Supplied by Hyderabad C & D Waste Pvt. Ltd.

Specifications:

- GSB conforming to Grade-VI as per MoRTH Specifications
- M30 Grade Concrete Designed as per IS : 10262

Concrete Ingredients (kg/m³)



Sustainability

Total Co₂ Emissions (kg)



Economics

Cost Savings (%)



Road @ VNRVJiet with C& D waste in support with Ramky with a stretch of 100 m length

INDUSTRY CONSULTANCY

CONSULTANCY / TESTING:

Department is awarded with

Third Party Quality Control (TPQC)

Strategic Nala Development works (SNDP)

Comprehensive Road Management Project (CRMP)

by GHMC from 2017 onwards.

Besides, Department provides consultancy services to the industry on Material Testing, Design and Training.

Revenue Generated: Rs. 2.24 Crores

- **Greater Hyderabad Municipal Corporation (GHMC)**
- GMR Group
- IJM Infra
- Meil
- AP Police Department
- APR Infra (APR Group)
- Coastal Projects Pvt. Limited
- Datla Constructions Ltd.
- Divyashakti Granites Pvt.Limited
- Discoy Constructions Pvt.Ltd
- Gland Pharma Ltd
- KDM Engineers India Pvt Ltd
- KMV Projects Ltd
- KPC Projects
- Prajapati Constructions Ltd.
- Radiant Cable Pvt Ltd
- Rama Setu Constructions
- Sai Krupa Builders
- Siva Sai Constructions
- Soma Enterprises Pvt Ltd
- Spectrum Engineering Consultancy
- SRR Projects Private Limited
- Vector Projects Pvt.Ltd.
- Veeyar Engineers
- Vignana Jyothi Society
- Water and Land Management Training and Research Institute (WALAMTARI)
- Keerti Industries Pvt.Ltd.
- Gland Pharma Pvt.Ltd.
- Gennex Laboratories
- Sai Teja Constructions
- Rainbow Precast Solutions
- PSV Precast Pvt.Ltd.

Many more...



Latitude: 17.79825
Longitude: 78.42846
Elevation: 590.45m
Accuracy: 9.0 m
Time: 22-09-2023 14:09
Note: survey location

Powered by Himelcam

OUTCOMES

- Teaching learning pedagogy WIT & WIL™ (Why am I Teaching -What I am Teaching; Why am I Learning -What I am Learning) endorsed by relevant industry experts lead the students for better understanding of the courses yielding improved graduate outcomes.
- 25 number of *Summer internships* and 92 number of *Industry Oriented Mini Projects* are done by the students in the assessment period.
- *Adjunct professor* : Industry expert Mr. Sitaramanjaneyulu, Director (rtd.), CRRI, Delhi is involved in curriculum delivery and mentoring the Department faculty in research.
- 24 number of guest lectures are delivered by industry experts in the last five years (2017-2023)
- An amount of Rs. 224.00 lacs generated from the *industrial consultancy* in Material Testing, Mix Designs, Vetting of structural Designs etc.
- Number of students opted for *Entrepreneurship* course as open elective are 191 in the past five years (2017-2023).
- Civil Engineering Alumni as Entrepreneurs

S.No.	Graduate Name	Name of the Company
1	B.Mohan Krishna	CCL Products(India) Ltd.
2	Sai Neeraj (02071A0149)	Sri Sai Educational Society
3	K.Varun (02071A0156)	Asvasidh Novateur Developers Pvt. Ltd.
4	Sujeeth Reddy Edwin Kellwyn (04071A0141)	Jaijeeth Constructions
5	Kohal Mangu (05071A0113)	Renuka Advanced systems
6	Keshav Inani (06071A0131)	Inani Solar Solutions LLP
7	Rajesh Varre (07071A0105)	Shraddha Saboori Projects
8	G.Saikrishna (07071A0118)	GSK E-Structural India Pvt. Ltd.
9	P. Sushruth (07071A0128)	MAXIMIX Ready Mix Concrete Pvt. Ltd.
10	P. Kumarasway Reddy (08071A0137)	KSR Crest

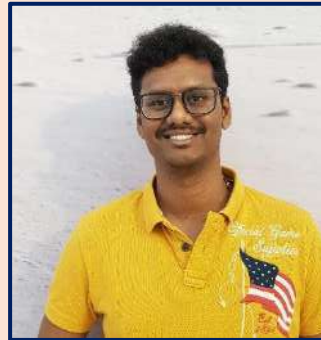
11	Dheeraj Dutta (08071A0137)	Polstar Building Systems Pvt.ltd.
12	Gonuguntla Harish (09071A0118)	Shivashakti Biotechnology Ltd.
13	Harsha Abbineni (10071A0102)	Creative Homes
14	A. Satya Prakash (10071A0111)	ARC Developers
15	D.Laxmi Sneha (11071A0107)	Trident Powdertech Pvt. Ltd.
16	G. Pushyamithra (15071A0174)	Sree Builders & Designers
17	Tapan Chetak (16071A0180)	KTC Infra
18	M. Pradeep	Vasu Sri Infra Projects
19	B. Ram Kumar	GKEA Consulting, India & Sydney
20	L. Anurag	Connect Concrete Pvt Ltd.
21	MD. Viqar	Social Lite

Alumni Entrepreneur Testimonials:

B. Ram Kumar

Founder, Managing Director &
Managing Partner, GKEA Consulting

India & Australia



I embarked on my B.Tech journey in Civil Engineering at VNR Vignana Jyothi Institute of Engineering & Technology in 2006 and proudly graduated in 2010. Reflecting on my time there, I can confidently say that my experience was exceptional and played a crucial role in shaping my career.

The professors and lecturers at VNR VJIET were outstanding throughout my four years. Their dedication and expertise significantly contributed to my academic and professional development. The education provided was nothing short of excellent, and the facilities were top-notch, particularly the laboratories. The well-equipped labs allowed me to gain hands-on experience and a practical understanding of civil engineering concepts, which is essential for anyone pursuing this field.

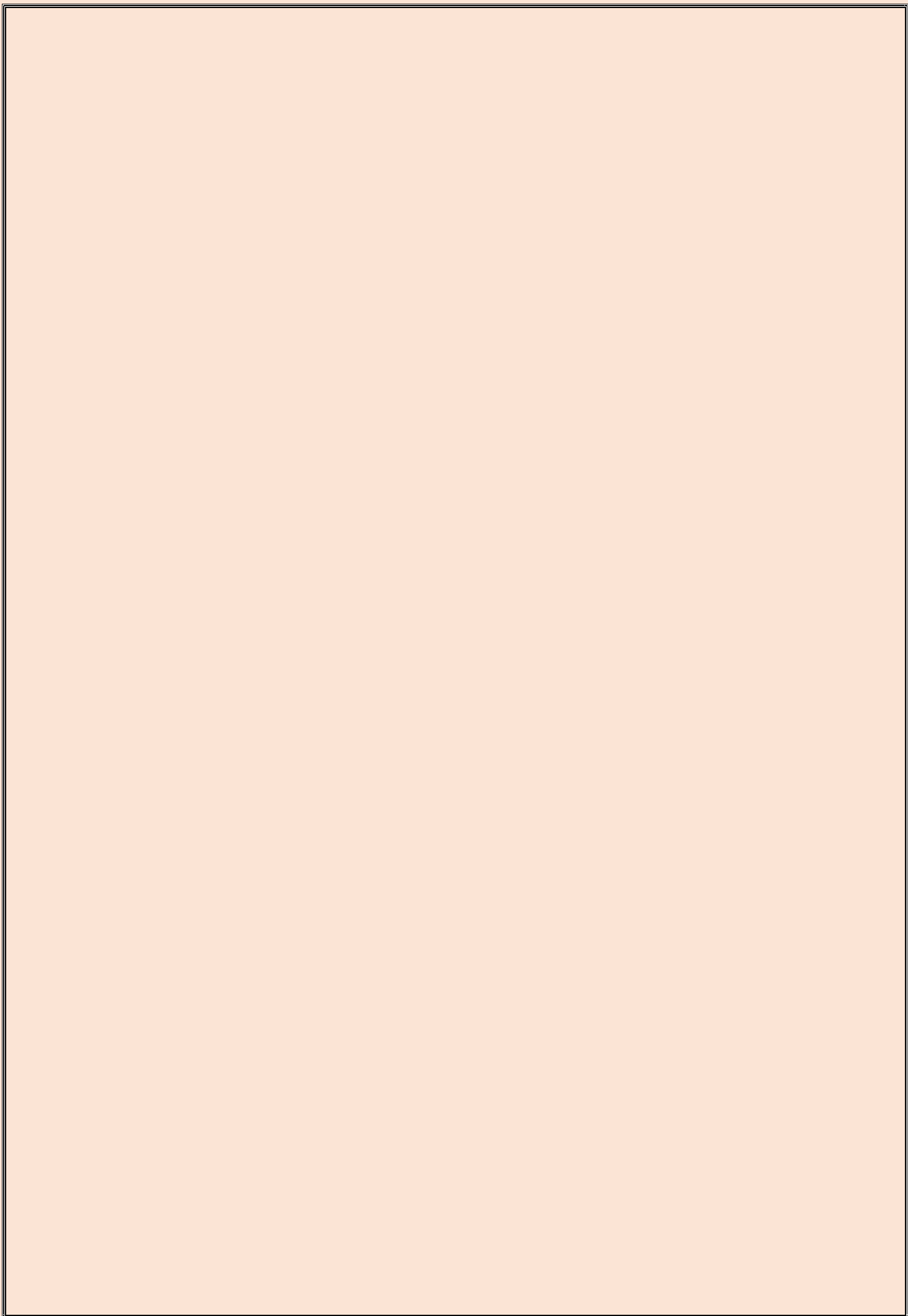
The department frequently organized site visits and technical tours to places like manufacturing plants, etc. These experiences were invaluable, providing real-world insights and enhancing our learning through practical exposure. Additionally, the college hosted numerous guest lectures, seminars, and technical festivals. These events not only kept us engaged but also provided platforms to showcase our talents and learn other talented people.

Sports were also given equal importance at VNR VJIET. I fondly remember playing billiards and snooker after college hours, which was a great way to unwind and build friendships. Academically, I was the university topper in Civil Engineering, which earned me a gold medal—a testament to the high-quality education and support I received.

My time at VNR VJIET paved the way for my further education and career. After completing my B.Tech, I pursued a Master's in Transportation Engineering at NIT Warangal. Following my master's, I embarked on a career as a transportation modeler. Over the next decade, I transitioned into data analytics. I enhanced my skills with certifications in PTV modeling tools such as Vissim, Visum, and Viswalk. As a certified trainer, I had the opportunity to train many students in these critical tools for transport modeling.

This journey fueled my passion for entrepreneurship. In 2021, a friend and I **founded GKEA Consulting in India, and in May 2022, we opened a branch in Sydney, Australia**. I currently serve as the Managing Director in Australia and as a Managing Partner in India. Our consultancy specializes in transportation engineering and has been thriving under our leadership.

The solid foundation laid by VNR VJIET has been instrumental in my professional achievements and entrepreneurial ventures. I am immensely grateful for the comprehensive education and experiences I gained during my time at VNR VJIET, which continue to inspire and drive my success in the field of civil and transportation engineering.



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

INDUSTRY INSTITUTE INTERACTION CELL ACTIVITIES

Industry Institute Partnership activities in the Department focus on bridging the gap between the academia and industry, to promote and nurtures industry interaction in various academic activities such as Curriculum Design, Teaching and Learning, Internships, Placements and Mentoring the students, faculty and the department as a whole for its holistic development.

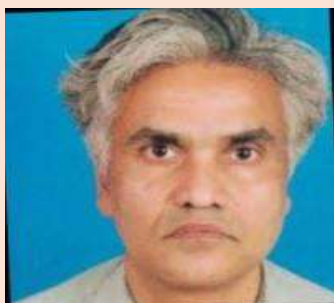
Industry Advisory Board of Electrical and Electronics Engineering

Name of the Person & Designation	Company Name	Area of Work	Contact Details
Dr.Ananth Reddy, Managing Director	Sukila Power Electronics	Converter Design	sukhilapower@rediffmail.com 9391079765
Mr.K.Vidya Sagar, President	HBL	Electrical Drives & Converters	https://in.linkedin.com/in/vidyasagar-mvv-2646a08
Mr.Surya Prakash Gajjalla, CEO	Archimedes Green Energy	Renewable Energy	gajjalla@gmail.com 9885162668
Mr.Venu Gopal Timmaraju	Wind Stream Technologies	Wind Energy	https://in.linkedin.com/in/venugopal-timmaraju-270aa736

1. Industry experts in Curriculum Design:

Industry experts as Members of Boards of Studies

Year	Name of the industry expert	Associated Industry
2017 – 2023	Dr. B. P. Muni GM (PES), Corporate R&D	BHEL, Hyderabad
	Dr. Neelima Tambey Principal Engineer	GE Energy Consulting
	Dr.M.Ramamoorthy Former Director General	CPRI
	Mr.G.Raju Assistant Manager,R&D	Medha Servo Drives Pvt. Ltd.



Dr. B. P. Muni
GM (PES), Corporate R&D
BHEL Hyderabad



Dr. Neelima Tambey
Principal Engineer
GE Energy Consulting



Dr.M.Ramamoorthy
Former Director General
CPRI



Mr.G.Raju
Assistant Manager,R&D
Medha Servo Drives Pvt. Ltd.

- **Industry designed courses**

Program	Course Name	Course Code	Program/Year of study	Industry involved in curriculum design
BTech (Electrical and Electronics Engineering)	Electric Vehicle	18PE1EE16	VIII Semester	Dr. B. P. Muni Retd. AGM, R&D, BHEL, Hyderabad
		19PE1EE09	VII Semester (R18, R19 Regulations)	
M.Tech (Power Electronics)	Electric and Hybrid Vehicle	18PE1PL05	II Semester	Dr. B. P. Muni Retd. AGM, R&D, BHEL, Hyderabad
		A18PE1PL05	II Semester	
		22PE1PL05	I Semester (R18, A18, R22 Regulations)	
M.Tech (Power Systems)	Electric and Hybrid Vehicle	22PE1PL05	I Semester R22 Regulation	Dr. B. P. Muni Retd. AGM, R&D, BHEL, Hyderabad
M.Tech (Power Electronics)	Industry Engagement	22SD5PL01	II Semester R22 Regulation	Akshay Chubkswar PMRF Research Fellow Ex.IP consultant
M.Tech (Power Systems)	Industry Engagement	22SD5PS01	II Semester R22 Regulation	Akshay Chubkswar PMRF Research Fellow Ex.IP consultant

2. Industry experts in Curriculum delivery:

- **Courses delivered by Industry experts:** Experts are invited to deliver course contents in core/professional elective courses.

<ul style="list-style-type: none"> • Thermal Power plants • Hydel Power plants • Pole Structures • Tower structures 	<p>Dr.R.M.Vani, Assistant Engineer TSSPDCL, AE, delivered Power Systems-I course for UG III semester students on 26-03-2022 & 23-04-2022.</p>
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- **Expert/Guest lectures by Industry Experts**

S.No.	Name & Details of the person who delivered the lecture	Topic of the Guest Lecture	Dates of the Lecture	For whose benefit the lecture was organized	No. of students Attended
1	Mr.Bhanu Pratap Diwanji, Senior Manger R&D, E-TRIO, Hyderabad	Electric Vehicles Globalization	17-02-2023	II B.Tech and IV B.Tech students	124
2	Mr. Akshay Chabukswar , Prime Minister's Research Fellowship (PMRF) Scholar	Introduction to Power Electronics Drives Simulation	22-02-2023	III B.Tech and M.Tech students	127
3	Dr Deepak Waikar, Managing Partner, EduEnginery Consultants, LLP, Singapore, Ex-Chair, IEEE Power & Energy Chapter, Singapore	Importance of Solar Energy	27-12-2022	II B.Tech and III B.Tech students	135
4	Dr Vasu Gollangi, Sr Manager, Fuel Cells & Renewable Energy Systems, BHEL Corporate R&D	Electric Vehicles for e-Mobility-The Future - Battery/Fuel Cell Powered	24-06-2022	II B.Tech and IV B.Tech students	109
5	Dr Nilang Trivedi.Scieintist F, RCI, DRDO, Ministry of defence , Govt of India, Hyderabad	Journey to the World of Electrical & Electronics Engineering	22-03-2022	II B.Tech and III B.Tech students	129

6	Dr.A.R.M.Vani, Assistant Engineer, TSSPDCL, Hyderabad	Field Aspects of Thermal Power Generation and the Emerging Trends	26-03-2022	II B.Tech and III B.Tech students	110
7	Dr Chetan Singh Solanki, Solar man of India	Importance of Solar Energy	26-02-2022	II B.Tech and III B.Tech students	120
8	Bapuji Kanaparthi, Founder of Appleton Innovations	Internet of Things Applications and Smart Energy Systems	24-07-2021	IV B.Tech and M.Tech students	99
9	Durga Bhavani A,Assistant Manager, Greenko Group, Hyderabad	Importance of Renewable Resource Assessment and Power Forecasting to Maintain Grid Stability	17-07-2021	II B.Tech and III B.Tech students	56
10	Dr.Manohar singh, Engineering officer, Power systems division, CPRI,Banglore	National Grid Operation Challenges with High Penetration of Power electronics interfaced generation	05-06-2021	II B.Tech and IV B.Tech students	91
11	B Anantha Reddy, Sukhila Power Electronics Pvt.Ltd	Power Electronics in Reducing the Harmonics in Grid	15-09-2020	III B.Tech and M.Tech students	110
12	Dr.Chandrasekhar Reddy Atla, Principal Engineer, Power System Solutions, PRDC Bangalore	Reliability aspects in power system planning and operation –Power system solutions	10-08-2020	II B.Tech and III B.Tech students	128
13	Sri. Abdul Mujeeb,CEO, ALLIKA Pvt. Ltd., Hyderabad, India	Business Model Canvas & Social Entrepreneurship	16-09-2019	IV B.Tech students	119
14	Mr.GLN Murthy , Senior Consultant Manager, TCS, Hyderabad, India	Transformation of Thinking of Electronics Systems Powered with Inspiration of Nature Towards Sustainable Products	02-08-2019	II B.Tech and III B.Tech students	125
15	Mr.K.Avinash,Associate Engineer from Amazon, Hyderabad India	Opportunities for Electrical Engineering Graduates	31-08-2019	II B.Tech and III B.Tech students	109
16	Sri.M.Vijaya Kumar, General Manager (Retd), BHEL, Hyderabad, India	Electrical Equipment in Power Plants – Concepts, Operation & Design Aspects	22-02-2019	II B.Tech students	107

17	Mr.G.Raju, M/s.Medha Servo Drives, Hyderabad, India	Power Electronics for Electrical drives	24-01-2019	III B.Tech and M.Tech students	124
18	Mr.PankajS.DhakatHead of Engineering, M/s. Bombardier Transportation Pvt. Ltd., Gurgaon, India	Communication based train control	08-01-2019	II B.Tech and III B.Tech students	109
19	Dr.M.Rammoorty, former General CPRI, Distinguished Professor, VNRVJIET, Hyderabad, India	Research Methodology & Intellectual Property Rights	08-10-2018	IV B.Tech and M.Tech students	122
20	Subramoniam, scientist-G,DRDO, Hyderabad, India	Control Systems in Guided Missiles	15-09-2018	III B.Tech and IV B.Tech students	123
21	Mr.G.Raju,M/s.Medha Servo Drives, Hyderabad, India	Power Electronics and its Applications	20-07-2018	III B.Tech, IV B.Tech and M.Tech students	108



VNR VIGNANA JYOTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY
Department of Electrical and Electronics Engineering
Welcomes

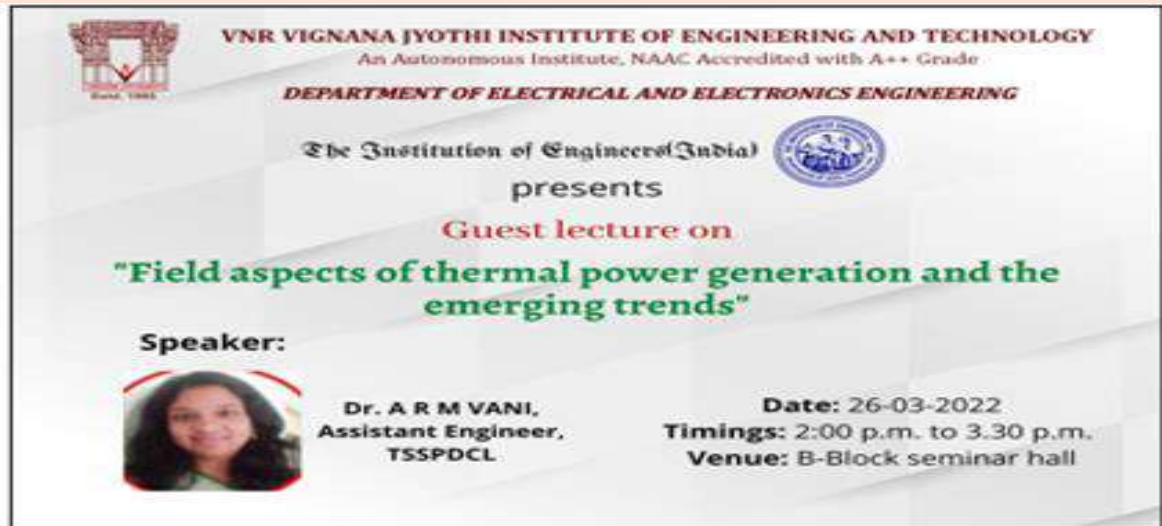


SOLAR MAN OF INDIA
Prof. Chetan Singh Solanki
 Professor at IIT Bombay
 Founder of Energy Swaraj Foundation


26th February
 10 : 30 Am
 B Block Seminar Hall




Dr.Chetan Singh Solanki- The Solar Man of India delivered an Expert Talk on “Importance of Solar Energy”



VNR VIGNANA JYOTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY
An Autonomous Institute, NAAC Accredited with A++ Grade
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

The Institution of Engineers (India) 
presents

Guest lecture on
“Field aspects of thermal power generation and the emerging trends”

Speaker:

Dr. A R M VANI,
Assistant Engineer,
TSSPDCL

Date: 26-03-2022
Timings: 2:00 p.m. to 3.30 p.m.
Venue: B-Block seminar hall

Dr.A.R.M Vani delivered lecture on “Field Aspects of thermal power generation and the emerging trends”



VNR VIGNANA JYOTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY
An Autonomous Institute, NAAC Accredited with A++ Grade
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

The Institution of Engineers (India)  AND 
PRESENTS

WEBINAR
Topic : On-Line Condition Monitoring of Transformer

Date : 17th Oct 2020
Time : 3.30pm to 5.00pm


By
Mr. R C Anand,
Head of System Technologies,
ZIV Automation India Pvt Ltd,
Bangalore.

Contact:
Sathwik Reddy: 9182510604
Prathyusha : 8919597225

Register for free at:
<https://forms.gle/T9LDc5F67QoVFZ328>

 /ieeeee2k18@gmail.com  /iei_vnrvjiet  /ieee_vnrvjiet

Mr.R.C Anand delivered lecture on “On-Line Condition Monitoring of Transformer”

- **Industry Endorsement Course delivery- WIT & WIL™**

The following courses are endorsed by industry:

S.No.	Name of the Subject	Name of the Faculty Section-1	Name of the Faculty Section-2	Scenario Name	Industry Endorsement
1.	Electromagnetic Fields	Dr.Poonam Upadhyay	S.Poornima	Thermal Power Plant	Arrow Electronics
2.	Electrical Machines – I	Dr.J.Srinivasa Rao	Dr.J.Viswanatha Rao	Power Generation,Transmission, utilization network	Adithya Precitech Private Limited
3.	Electronic Devices and Circuits	Mr.N.Amarnadh Reddy	Dr.P.Naresh	LCD/LED Television	Airports Authority of India
4.	Digital System Design	Mrs.R.Geshma Kumari	Dr.T.Nireekshana	METRO STATION-AN AUTOMATED URBAN TRANSPORTATION	Honeywell Automation India Limited
5.	Power Electronics	Dr.M.Ranjit	Dr.E.Shiva Prasad	Intelligent Uninterruptible Power Supply (UPS) system	Adithya Precitech Private Limited
6.	Power Systems – II (PS-II)	Dr.B.Neelakanteshwar Rao	Dr.A.Giri Prasad	Power System Analysis	APTRANS CO
7.	Control Systems	Dr.K.Veeresham	Mr.G.Sasi Kumar	Paper /Plywood Cutting Process	APTRANS CO
8.	Renewable Energy Sources	Mr.G.C.Prabhakar	Mrs.O.Shobana	Smart Community	Pavanasuta Renewable Energy Pvt.Ltd.
9.	Utilization of Electrical Energy	Mr.B.Ganesh babu	Mr.B.Ganesh babu	STEEL PLANT	E-Trio Automobiles Private limited
10.	Renewable Energy Systems	Dr.T.Haripriya	Dr.T.Haripriya	Integration of Solar Wind and Electric Vehicles to Smart Grid	INNOFAB INDIA PVT LTD
11.	Signals and Systems	Mrs.I.Neelima	Mrs.I.Neelima	Navigation and communication in Airports	Airports Authority of India
12.	Electrical Measurements and Instrumentation	Mrs.I.Neelima	Mr.B.Anjan	Measuring units in power systems	APTRANS CO

13.	Power System Operation and control	Dr.Y.Venu	Dr. D. Ravi Kumar	Blockout in northern grid July 30 th and 31 st ,2012	APTRANS CO
14.	Principles of Digital Signal Processing	Dr. N. Krishna Kumari	Dr.Rashmi Kapoor	Sensorless Control of PMSM with Flux Weakening Operation for Washing Machine Application	United Technologies, Hyderabad
15.	Switchgear and Protection	Mr.N.Amarnath Reddy	Dr. G. Radhika	Substation	TSSPDCL
16.	Renewable Power Generation Technologies	Dr.T.Haripriya	Mrs.O.Sobhana	Green Power Generation	INNOFAB INDIA PVT LTD
17.	Electrical Distribution Systems and Automation	Mrs.M.NagaJyothi	Mr.B.Devulal	Smart Distribution Systems	TSSPDCL

- **Certification courses:**

Skill Enhancement through Certificate Courses

S.No.	Certification/Training	Industry Involved
1	Advanced C programming and IOT Technology	HVS Technologies
2	Advanced Python Programming for Real Time Applications	Innovians Technologies
3	Smart Electric Vehicles Fabrication and Control using Advanced Computing	Magarita Technologies
4	Oracle SQL	Frynon Solutions
5	Soft Computing Techniques and Real Time control for Electrical Systems	VNR VJIET
6	Machine Learning for Engineering Applications	VNR VJIET



List of Industries year -wise

2022-2023	GLOBAL INDIA MACHINES TSTRANSCO VCS TECHNOLOGIES KESORAM CEMENT FACTORY TSSPDCL KTPS 7TH STAGE 800MW KTPS JARSH SAFETY SPDCTL HYD CENTRAL POWER TRAINING INSTITUTE OF TSSPDCL HYD WIND STREAM TECHNOLOGIES SAI DATTA TECHNOLOGIES DHANEESH ELECTRICAL WORKS AKTIVOLT CELTEK PVT.LTD LDEV TECHNOLOGIES
2021-2022	CPTI THE COMPANY'S PRODUCTS, SAGAR ASIA PRIVATE LIMITED TSTRANSCO KTPP DR.REDDY'S LABORATORIES SALIVAHANA GREEN ENERGY LIMITED SOUTH CENTRAL RAILWAY LUXLOGIX SANJAY TECHNICAL KTPS PALWANCHA BHEL, HYD NTPC, RAMAGUNDAM ZUARI CEMENT LTD TOGGLE NOW SOFT WARE SOLUTION PVT ENGINEERING PVT LTD ANEWA ENGINEERING PVT LTD KTPS JMD METALS POWER TECH T&C PVT LTD THIRD WAVE SERVICES PVT LTD, MEDCHAL DRDO, HYD POWER TECH, HYD
2020-2021	VNRVJIET/ ON LINE /COVID BATCH
2019-2020	VNRVJIET/ ONLINE/ COVID BATCH

2018-2019	CPTI-HYDERABAD TRANSCO DRDL-KANCHNBAGH K.T.P.S -VI STAGE 132/33KV SUBSTATION RCI-DRDL KTPP BHUPALAPALLY ELECTRIC LOCO MOTIVE SHED, LALAGUDA HYD, MADHUCON SUGAR AND POWER INDUSTRIES LIMITED BHEL, HYD KWATT SOLUTIONS PVT. LTD.,
2017-2018	KWATT TSTRANSCO KTPS VOLTRONICS MOTORS PVT LTD NSIC, HYDERABAD, DRDO BHEL HYDERABAD NTPC RAMAGUNDAM CPTI YALAVARTHI ENGG PVT LTD SIEMENS ORBIT TECHNOLOGIES ECIL TOSHIBA PVT.LTD

- Industrial Visits

Academic Year	Name of the Industries Visited
2022 – 2023	<ul style="list-style-type: none"> LOCOSHED, SC RAILWAY, SECUNDERABAD
2021 –2022	<ul style="list-style-type: none"> VNRVJIET SOLAR POWER PLANT
2019 – 2020	<ul style="list-style-type: none"> LOCOSHED, SC RAILWAY, SECUNDERABAD
2018 – 2019	<ul style="list-style-type: none"> 220/132KV SUBSTATION, MEDCHAL
2017 – 2018	<ul style="list-style-type: none"> SUKHILA POWER ELECTRONICS, MOULA ALI
	<ul style="list-style-type: none"> 33/11 KV SUBSTATION, MEDCHAL
	<ul style="list-style-type: none"> 220/132KV SUBSTATION, MEDCHAL
	<ul style="list-style-type: none"> CPRI NARAPALLY



Electric Loco Shed Lalaguda



Electric Loco Shed Lalaguda



CPRI Hyderabad



CPRI Hyderabad

3. Industry experts in Evaluation:

- Industry experts as external examiners in the UG, PG project evaluation and in the DRC of Ph.D scholars.

Industry Expert	Industry Association	Program/Year
Mr. ViswaTeja Tadala Software System Project Manager	Bosch Global Software Technologies Private Limited	B.Tech Major project Viva-voce, 2022
Dr.P.Balakrishna Sr. Lead R&D Engineer	GE Hyderabad Technology Centre	M.Tech S(PE) Major project Viva- voce, 2021
Dr. Ramaswami Soundara Rajan Deputy General Manager (Defence Projects)	Bharat Dynamics Limited	M.Tech (PE) Major project Viva-voce, 2020
Dr.P.Balakrishna Sr. Lead R&D Engineer	GE Hyderabad Technology Centre	B.Tech Major project Viva-voce, 2022
Dr.P.Balakrishna Sr. Lead R&D Engineer	GE Hyderabad Technology Centre	B.Tech Major project Viva-voce, 2022
Mr.G.Raju Manager R&D	Medha Servo Drives Private Limited	B.Tech Major project Viva-voce, 2023
Dr.P.Balakrishna Sr. Lead R&D Engineer	GE Hyderabad Technology Centre	M.Tech (PE) Major project Viva-voce, 2023

4. Industry MoUs

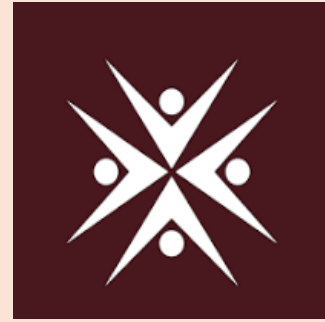
- MoUs are signed for possible collaboration in terms of Internships, field/site visits, hands on training employability opportunities and in faculty research.



kWatt solutions Pvt. Ltd.



**Rachana Machines Pvt.
Ltd**



**Infimind Education
Foundation**



**National Institute of
Technology, Warangal**



**HBL Power Systems
Limited**



Magarita Tech



HVS Technologies



Blue Star Pvt. Ltd.



**Indo Universal
Collaboration for
Engineering Education**



**Anewa Engineering
Private Limited**

S.No.	Name of the Institution / Industry	Year of signing	Duration (Years)	List of actual activities under MoU
1.	kWatt solutions Pvt. Ltd.	2021	3	Internship, Training
2.	Rachana Machines Pvt. Ltd	2021	3	Consultancy, Industrial Visit, Research Projects
3.	Infimind Education Foundation	2021	3	Consultancy, Skill Development Programme
4.	National Institute of Technology, Warangal	2019	5	Academic and Research Collaboration, Joint Research Proposals, Joint Publications, Workshops/FDPs, External Ph.D/Part-Time, Faculty Summer Fellowships,

				Student Summer Internships
5.	HBL Power Systems Limited	2023	3	Joint Research Centre Development, Consultancy, Student Internship and recruitment
6.	Magarita Tech	2023	3	Training and Internships
7.	HVS Technologies	2023	3	Training and Internships
8.	Blue Star Pvt. Ltd.	2021	2.5	Industrial Training and Visits, Guests Lectures, Student Recruitment
9.	Indo Universal Colloboration for Engineering Education	2022	1	Student Training, Faculty Training and Conferences

5. Industry Supported Laboratories



**Advanced Digital Signal Processing
& Drives Laboratory**



**High Voltage AC Training Centre
supported by Blue Star**



**HBL & VNRVJiet Collaborative
Research Centre**



**Schneider Circuit Breaker in Power
System Laboratory**

6. Industrial Consultancy

CONSULTANCY / TESTING:



Research Facilities in the Department

SOFTWARES	CONTROLLERS	
MATLAB ANSYS MAXWELL LABVIEW, Mi Power, PSCAD, EMTP-RV CAD tools etc.	DSP Controllers like TMS 320F28335, 6748, MSP-430 Blakfin 609, ARM Micro controllers.etc.	<ul style="list-style-type: none"> • LabView -cRIO enables to realize real time monitoring and control of systems • FPGA based Permanent Magnet synchronous machine control. • ISE Design suite-14.2 as opensource software supports FPGA controllers • Solar PV Emulator with radiation measurement to test converters developed.

consultancy details	status
HBL Power Systems Pvt.Ltd for research problems in electrical machines and power converters domain area.	ongoing
Rachana Machines for implementation of controller	ongoing
Shiridi sai electricals transfered equipment for testing and validation for specific problem.	completed

★ B.Tech Students of 7 members selected as Intern's in HBL Power systems Pvt.Ltd with stipend of 35,000 per month.

Outcomes:

- ★ established a collaborative research center (CRC) in association with HBL Power systems Pvt.Ltd
- ★ generated an amount of Rs. 26 lakhs from the ongoing and implemented consultancy works.
- ★ Enhanced the problem solving capabilities and prototype development from scratch with industry collaboration.





CONSULTANCY PROJECTS

S.No.	Title of the Project	Industry/Organization	Project Duration	Sanction Amount (in Lakhs)
1.	Power Circuit of Ultrasonic Wave Generator for Heat sealing	Rachana Machines Pvt. Ltd.	2 (2019-2021)	1.5
2.	No load loss estimation	Shiridi Sai Electricals	3 (2018-2021)	2.31
3.	Course in Power Electronics	HMIE, Hyderabad	6 Months (2019-2020)	1
4.	Anchor Certified Training Program (Ongoing)	Anchor-Panasonic	2019-2021	0.65
5.	Electromagnetic field study for Special machines and converter design (ongoing)	HBL Power System Ltd.	2023-2026	183

SUCCESS STORIES

1. Teaching learning pedagogy WIT & WIL (Why am I Teaching -What I am Teaching; Why am I Learning -What I am experts leading to better understanding of the courses yielding improved graduate outcomes.
2. 214 number of Summer internships and 790 number of Industry Oriented Mini Projects are done by the students in the assessment period.
3. Industry expert Dr.R.M.Vani, Assistant Engineer, TSSPDCL, Hyderabad is involved in curriculum delivery on “Field Aspects of Thermal Power Generation” for course on Power Systems-I for II-B.Tech students.
4. 21 number of guest lectures are delivered by industry experts in the last five years (2017-2023)

5. An amount of Rs. 188.46 lacs consultancy have sanctioned from the industrial consultancy in the assessment period
6. Collaborative research centre with HBL has created job opportunities for EEE graduates in R&D sector.
7. Number of students opted for Entrepreneurship course as open elective are 100 in the assessment period.
8. Electrical and Electronics Engineering Alumni as Entrepreneurs

Details of Entrepreneurs				
S.No.	Name of the student		Designation	Name of the Company
1	Naresh Reddy Aerra		Founder & Director	Intonation Research Laboratories
2	Jagdishwar Chintalapalli		Chief Executive Officer	Srishti Precast Pvt Ltd & Rainbow Precast Products

3	Abdul Mujeeb		Chief Executive Officer	Allika Eco Products Pvt Ltd
4	Ravi Teja		Co-founder	E Kube Networks

Alumni Entrepreneur Testimonials:

As an alumnus of VNR Vignana Jyothi Institute of Engineering and Technology, I can confidently say that my time at VNR was a transformative journey that laid a strong foundation for my career and personal development. The comprehensive educational environment provided at VNR goes beyond traditional classroom learning, nurturing both academic excellence and holistic growth.

The VNR library is a treasure trove of knowledge and a sanctuary for curious minds. With its vast collection of books, journals, and digital resources, the library became my second home during my studies. Whether I was working on a project, preparing for exams, or simply exploring new topics of interest, the library always provided the resources and peaceful environment I needed. The access to various online databases and e-journals was particularly beneficial for staying updated with the latest developments in engineering and technology.

The lecturers at VNR are more than just educators; they are mentors and guides who inspire students to reach their full potential. Their deep knowledge of the subject matter, coupled with their passion for teaching, creates an engaging and stimulating learning experience. I was particularly impressed by their willingness to provide individual attention and support, whether it was through extra classes, personalized feedback, or career advice. Their guidance was instrumental in shaping my academic achievements and professional aspirations.

One of the standout features of VNR is its Entrepreneurship Development Cell (EDC). The EDC is a vibrant hub for innovation and entrepreneurship, offering a plethora of resources,

workshops, and networking opportunities. My involvement with the EDC was a game-changer, providing me with hands-on experience in starting and managing a business. The cell's initiatives, such as startup incubation programs, mentorship sessions with industry experts, and business plan competitions, were invaluable in fostering my entrepreneurial spirit and equipping me with practical skills. It was through the EDC that I gained the confidence to turn my ideas into reality and learned the importance of resilience and strategic thinking in the business world.

In conclusion, life at VNR was an enriching and rewarding experience that prepared me for the challenges and opportunities of the professional world. The exceptional library resources, inspirational lecturers, and dynamic Entrepreneurship Development Cell collectively created a nurturing environment that promoted both intellectual and personal growth. I am proud to be a VNR alumnus and will always cherish the memories and lessons from my time there. VNR not only shaped my career but also instilled in me a lifelong love for learning and innovation.

Abdul Mujeeb



<https://startupstories.in/stories/inspirational-stories/meet-mujeeb-man-using-water-hyacinths-make-handicrafts-provide-livelihood-poor-women>

DEPARTMENT OF MECHANICAL ENGINEERING

INDUSTRY INSTITUTE INTERACTION CELL ACTIVITIES

Industry Institute Partnership activities in the department focus on bridging the gap between academia and industry, promoting and nurturing industry interaction in various academic activities such as Curriculum Design, Teaching and Learning, Internships, Placements, Research & consultancy, Mentoring students, Entrepreneurial activities & startups, faculty collaboration, and the department for its holistic development.

Industry Advisory Board of Mechanical Engineering

S.No.	Area of Work	Company Name	Name of the Person
1.	Design and Development	Sundaram Fastners	Hussain Merhaba
2.	Manufacturing	Cyient	Mr. Ashok Reddy
3.	Thermal Engineering	Blue Star	Mr. Ravi Teja

1. Industry experts in Curriculum Design:

Industry experts as Members of Boards of Studies

Year	Name of the industry expert	Associated Industry
2017-2021	Dr. Vemana Venkateswara Rao, Director,	CAS, DRDO, Hyderabad
	Shri. C. Vijay, Assistant Manager- Vehicle CAE,	Hyundai Motor India Engineering Pvt. Ltd., Hyderabad.
	Shri. P. N. V. Harinath,	Suzlon Blade Technology, Gujarat
	Shri. S. Bhanu Prakash, Manager, SQE,	Mahindra & Mahindra Ltd., Automotive Division, Zaheerabad
2021-2023	Dr Srinivasa Rao Perla, Sr. Manager, Global Head – Technical Training,	Cyient, Hyderabad
	Shri. P. N. V. Harinath, Manufacturing Engineer,	Tata Advanced Materials Division
	Mr. Sharath Kumar Bathula, IT Audit Specialist,	Wells Fargo International Solutions Pvt. Ltd.



Dr. Vemana Venkateswara Rao,
Director, CAS, DRDO,
Hyderabad



Shri. C. Vijay, Assistant Manager-Vehicle
CAE, Hyundai Motor India Engineering
Pvt. Ltd., Hyderabad.



Shri. P. N. V. Harinath,
Tata Advanced Materials
Division,



Shri. S. Bhanu Prakash, Manager, SQE,
Mahindra & Mahindra Ltd.,
Automotive Division, Zaheerabad



Dr Srinivasa Rao Perla, Sr.
Manager, Global Head –
Technical Training, Cyient
Limited



Mr. Sharath Kumar Bathula,
Senior Assistant Vice President
Wells-Fargo, Hyderabad

2. Industry experts in Curriculum delivery:

- Expert/Guest lectures by Industry Experts

S.No.	Name & Details of the person who delivered the lecture	Topic of the Guest Lecture	Dates of the Lecture	For whose benefit the lecture was organized	No. of students Attended
1.	Dr. Y. Sreenivas Rao, Distinguished Scientist & Director General (Naval Systems & Materials), DRDO, Visakhapatnam, Andhra Pradesh.	Advanced Engineering Materials	18-03-2024	II, III B.Tech. Students & Faculty	141
2.	Mr. Pradeep A, PowerBI developer from M/s. mentors tech business solutions Pvt. Ltd. , Hyderabad	Machine Learning for Mechanical Engineer	16-10-2023	IV B.Tech. ME-II	26
3.	Mr. Subbadarshanam Rachagolla, Founder of Wingx Sweft and seasoned Professional, Hyderabad, Telangana.	Latest Technologies in Digital Modeling and manufacturing & 3D Printing	21-11-2023	III B.Tech. ME	103
4.	Dr. Siva Prasad, Rtd. Scientist - ISRO	Space Education Program on Rocket Science	18-03-2023	II B.Tech. students	70
5.	Sri. L. V. Ramprasad, Founder and CEO of R&AC Academy, Hyderabad	Raising Industry Proficient Engineers (R.I.P.E.) program	27-10-2022	III B.Tech ME	78
6.	Mayank VIG, Alias, Moduler Transportation Designer, Skillaid, Hyderabad	AutoCad Alias	29/03/2022	II B.Tech	71
7.	Mr. Pavan Kalyan, Associate Engineer, Indian Institute of Drones, Hyderabad	Emerging Trends in the drone industry and job prospects and Demonstration on working of Drone	22/09/2021	III B.Tech	54
8.	Mr. Kausthub Kaundinya, Founder (Alumni & Entrepreneur Mechanical Engineering), Jarsh Innovations Hyderabad	Innovative Product Development for Becoming an entrepreneur	06/10/2021	III B.Tech	100
9.	Dr Srinivas Rao Perla, Senior Manager, Cyient Limited, Hyderabad	Industry 4.0/5.0 (Evolution of connected factories)	04/12/2021	I B.Tech	80

10.	Mr. Harish Beeram, Alumni	Top 3 Areas of Software UX Design and Elio Smart Adaptation Innovative Smart Wheelchair of the Future	10/12/2021	III B.Tech	35
11.	Dr. Padmaja K, Ex- Agri-Scientist, Hyderabad.	An overview of the environment around us	26/06/2021	III B.Tech	49
12.	Sri. L. V. Ramprasad, Ex. Senior Engineer, GE India Technology Centre, Bangalore.	Refrigeration and Air Conditioning	24/12/2019	III B.Tech	166
13.	Dr. Chaman Chandel, Deputy Director, RDC SASE (DRDO), Chandigarh	Micro Mechanical Analysis of Deformation and Failure	28/12/2019	III B.Tech	31
14.	Dr Srinivasa Rao Perla, Global Head, Technical Training, Cyient Limited, Hyderabad	Industry4.0/5.0 (Evaluation of connected factories)	29/05/2021	III & IV B.Tech	16
15.	Mr. B. Nagabushana Reddy, Managing Director, Nagasai Precision Engineers Pvt. Ltd., Hyderabad.	Design and Manufacturing of precision components to Defence & Aerospace	22/01/2019	III B.Tech & I M.Tech	73
16.	Mr. Rajesh Pandey, Managing Director, Schnieder Electric, Hyderabad	Thermal Power Plant Process	26/09/2018	III & IV B.Tech	58
17.	Dr. N. Kishore Nath, Project Director, Advanced Systems Laboratory (ASL), DRDO, Kanchan Bagh, Hyderabad-500 058	Rocket propulsion systems, Aerospace Control Systems	29/01/2019	III B.Tech	125
18.	Mr. Yogendra Srivastava, Director, VSD Technologies, Hyderabad.	Materials and Decision making in Additive Manufacturing	18/04/2019	III B.Tech	114
19.	Mr. K Radha Krishna Sastry, Manager, Training and Development, HAL, Hyderabad	Role of Materials in Mechanical Engineering	27/02/2018	I B.Tech	108
20.	Mr. K. Rakesh, Technical Head, Think 3D, Hyderabad	Advanced Applications on 3D Printing	04/04/2018	I B.Tech & I M.Tech ME	120
21.	Dr. Manoj Kumar Buragohain,	Analysis of Composite Materials and Finite Element Method	07/10/2017	IV B.Tech	49

	Scientist G, ASL, DRDO, Hyderabad				
22.	Dr. C. V. Kameswara Rao, Retd. General Manager, BHEL R&D, Hyderabad	Fluid Dynamics and Fluid Analysis	16/10/2017	III B.Tech	72
23.	Mr. M Murali Krishna, Managing Director, Jytra Technology Solutions Pvt. Ltd.	Design Automation using NX Software	25/10/2017	III B.Tech & I M.Tech	93



Dr. Y. Sreenivas Rao delivered the lecture.



Mr. Pradeep A delivered the lecture.



Sri. L. V. Ramprasad delivering the lecture



Sri. Mayank VIG, delivering the lecture



Sri. Kausthub Kaundinya delivering the lecture



Dr. N. Kishore Nath delivering the lecture

• **Industry Endorsement Course delivery- WIT & WIL™**

Name of the course	No. of endorsements by industry	Industry details
Thermodynamics Fluid Mechanics and Hydraulic Machines Dynamics of Machinery Digital Fabrication Mechanical Engineering Design – I Turbo Machinery Production technology Operation Research Finite elements methods Additive manufacturing CAD/CAM Refrigeration and air conditioning Automation and Robotics Theory of Metal Cutting Heat and Mass Transfer	06	<ul style="list-style-type: none"> • ANEWA Engineering Private Limited • Rachana Machines Private Limited • Oil Air Techniques • Deccan Cranes • Jytra Technology Solutions Pvt. Ltd • He Works Limited

- **Certification courses:**

Skill Enhancement through Certificate Courses

S.No.	Certification/Training	Industry Involved
1.	JAVA Programming	M/s Shinegy Scientific Solutions Pvt Ltd
2.	Computational Fluid Dynamics (CFD)	M/s Invoke Engineering Solutions
3.	Additive Manufacturing	M/s Shinegy Scientific Solutions Pvt Ltd
4.	JAVA Programming	M/s Invoke Engineering Solutions
5.	ANSYS Mechanical	M/s Invoke Engineering Solutions
6.	JAVA Programming	M/s Invoke Engineering Solutions
7.	ANSYS	M/s Invoke Engineering Solutions
8.	Additive Manufacturing	M/s Shigemy Scientific Solutions Pvt Ltd
9.	Additive Manufacturing	M/s Invoke Engineering Solutions
10.	CURA	M/s Invoke Engineering Solutions
11.	ANSYS	M/s Invoke Engineering Solutions
12.	3D Printing	M/s VSD Technologies Hyderabad
13.	CURA	M/s Invoke Engineering Solutions



CURA CERTIFICATE COURSE TRAINING



ANSYS CERTIFICATE COURSE TRAINING

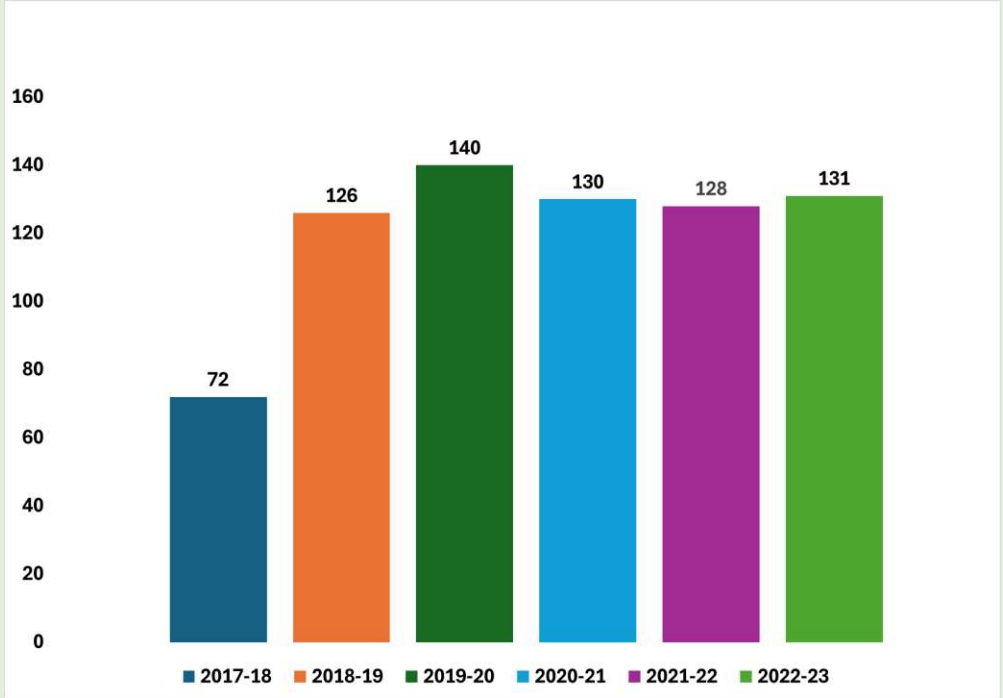


CNC CERTIFICATE COURSE TRAINING



ADDITIVE MANUFACTURING CERTIFICATE COURSE TRAINING

- Industry Internships



- List of Industries year -wise

2022-2023	BHEL CARTEL ENGINEERS PRIVATE LIMITED CIPET, CHERLAPALLY CORE CARBIDE TOOLS DYNOFLEX INDUSTRIES ELITE ELEVATORS, BALANAGAR EPSILON HEAT TREATERS FEYNMAN AEROSPACE FORCE MOTORS LIMITED GAYATHRI ENGINEERING TECHNOLOGIES GAYATHRI SUGARS INDIAN RAILWAY, DEISEL LOCO SHED INDIAN RAILWAYS, SECUNDERABAD IPOG INDUSTRIES, PATANCHERU J J TOOLS KAMAKSHI INDUSTRIES LAXMI ENGINEERING WORKS MSMS-TOOL ROOM, HYDERABAD NALA ROBOTICS PREMIER ENERGIES LTD SATVEN SKYY RIDER SREE VENKATESHWARE ENGINEERING WORKS SRI OBLUM INDUSTRIES SV METALLURGICAL LABS SWATHIS INDUSTRIES , JEEDIMETLA TATA PROJECTS LIMITED THE SINGARENI COLLIERIES COMPANY LTD TSGENCO UNIVERSAL HYDRAULICS V R INDUSTRIES
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2021-2022	ADITYA PRECITECH PRIVATE LIMITED AXIS INSPECTION SOLUTIONS BHARATH HEAVY ELECTRICALS LIMITED (BHEL) CHAMUNDESWARI SUGARS CHAMUNDEWARI DATTA SAI SEALS INDIA PRIVATE LIMITED DEFENSE RESEARCH & DEVELOPMENT LABORATORY(DRDL) ERMIN AUTOMOTIVE HARITHA INDUSTRIES (INDIA) PVT. LTD. HI- TECH EQUIPMENTS& FABRICATION J.K. FENNER (INDIA) LIMITED PATANCHERUVU KK HEAVY MACHINERY AND SERVICES PVT. LTD LOKESH MACHINES PRIVATE LIMITED M/S NANO ELECTROMECH TECHNOLOGIES MSN LABORATORIES NANO ELECTROMECH TECHNOLOGIES RADICAL BIO ORGANIC PRIVATE LIMITED S V TURBO SUDHAKAR PVC PRODUCTS PVT.LMT. SV TURBO ENGINEERING WORKS SWAN TRIBUNE SERVICE PVT LTD SWATHI'S INDUSTRIES
2020-2021	INHOUSE
2019-2020	INHOUSE
2018-2019	BDL, BHANOOR BHEL HYDERABAD COLORPLAS DRDO GOWRA AEROSPACE TECHNOLOGIES PVT. LTD. GSM TECHNOLOGIES HBL POWER SYSTEMS LTD. HINDUSTAN PETROLEUM CORPORATION LTD. HI-TECH HYDRAULICS INDIAN RAILWAYS ITFL LOKESH MACHINES PRIVATE LIMITED MAHINDRA AND MAHINDRA MAHINDRA AND MAHINDRA, VEHICLE PU. MS PLASTICS PVT LTD MYLAN NISIRG BIO SCIENCE NUCLEAR FUEL COMPLEX ODF ONGC, RAJAMUNDRY ORDINANCE FACTORY PARDESI SOLUTIONS POLMOR STEEL PVT. LTD. RASHTRIYA ISPAT NIGAM LIMITED RUTHWIK POWER PLANT SAI DEEPA INDUSTRIES SOUTH CENTRAL RAILWAY SPRAYTECH NOZZLES PVT. LTD. SRI LAKSHMI INDUSTRIES TALWAR VOLVO TATA MOTORS,PUNE TATA TOYO RADIATOR LTD. THERMO CABLES PVT LTD. VIZAG STEEL PLANT, VISHAKAPATNAM

2017-2018	ATI BDL BEKEM BHEL DRDL INDIAN RAILWAYS, COACHING DEPOT, SECUNDERABAD INDIAN RAILWAYS, KACHEGUDA ITC JUBILANT AGRIA CONSUMER PRODUCTS LTD KIRBY BUILDING SYSTEMS KTPP KUKA ROBOTICS LTD, PUNE MAHINDRA RISE NATIONAL SMALL INDUSTRIES CORPORATION LTD NUCLEAR FUEL COMPLEX RAILWAYS RASU TOOLS ROLAN SEALS SANKALP EMB SOUTH CENTRAL RAILWAY, HYDERABAD DEPOT THERMAL SYSTEMS ULTATECH CEMENTS LTD VOLKSWAGEN
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• **Industrial Visits**

Academic Year	Name of the Industries Visited
2022 – 2023	• Akshaya Patra Foundation
	• Srak Prestek PVT Ltd
	• ACME Toolings
	• South Central railway, (IOH) ,Secunderabad
	• Swan Turbine Services Pvt Ltd
2021 – 2022	• Deccan Auto Limited
	• Lokesh Machines Limited
	• Akshaya Patra Foundation
2018 – 2019	• Akshaya Patra, Sangareddy
	• Diesel locoshed, Moula-ali, Hyderabad
	• L&T Metro Rail, Uppal Depot, Hyderabad
	• Hindustan Coca Cola Beverages, Ameenpur, Hyderabad
2017 – 2018	• Hindustan Coca Cola Beverages, Ameenpur, Hyderabad
	• Akshaya Patra Foundation, Narsing, Hyderabad
	• Thermal Systems (Hyderabad) Pvt Ltd, Bolaram, Hyderabad
	• Decan Auto Ltd, Kodakanchi, hyderabad



SOUTH CENTRAL RAILWAY, (IOH)



AKSHAYA PATRA



LOKESH MACHINES LIMITED



DECAN AUTO LTD

3. Industry experts in Evaluation:

- Industry experts as external examiners for evaluation of the students' projects.

Industry Expert	Industry Association	Program/Year
Dr. Macharla Srinivasa Rao, Associate Director,	Novartis, near Durgam Cheruvu, Hyderabad	B.Tech Major project Viva-voce, 2023
Dr. N. Kishore Nath, Scientist-G, Project Director- VEDA,	ASL, DRDO.	B.Tech Major project Viva-voce, 2022
Dr. P. Anil Kumar, Scientist F	RCI, Hyderabad	B.Tech Major project Viva-voce, 2022
Mr. K. Purnachandra Rao, Senior Specialist	M/s. Satyam Venture Engineering services Hyderabad	M.Tech Major project Viva-voce, 2022
Mr. K. V. Madhusudhana Rao, Senior Manager,	VEM Technologies Private Limited, Hyderabad - 500090	M.Tech Major project Viva-voce, 2021
Mr. P. N. V. Harinath, Manufacturing Engineer	Tata Advanced Materials Division Jigani Rd, Bommasandra Industrial Area Bangalore, Karnataka – 560099	M.Tech Major project Viva-voce, 2020
M. Murali Krishna, Managing Director,	Jytra Technology Solutions Pvt. Ltd., Bachupally, Nizampet Road, Hyderabad.	M.Tech Major project Viva-voce, 2020
Mr. M. Venkateshwar Rao, General Manager	Aurobindo Pharma Ltd., Hyderabad	M.Tech Major project Viva-voce, 2021
Dr. P. Anil Kumar, Scientist F,	RCI, Hyderabad	M.Tech Major project Viva-voce, 2021
Dr. N. Kishore Nath, Scientist-G, Project Director- VEDA,	ASL, DRDO. Kanchanbagh,, Hyderabad- 500058	B.Tech Major project Viva-voce, 2021
Sri. Gopikanth N, Senior Specialist	M/s. Satyam Venture Engineering services Hyderabad	M.Tech Major project Viva-voce, 2020
M. Murali Krishna, Managing Director,	Jytra Technology Solutions Pvt. Ltd., Bachupally, Nizampet Road, Hyderabad.	M.Tech Major project Viva-voce, 2018
Sri. T. Madhava Krishna, Senior Design Engineer	BHEL, Steam Turbine Engineering Division	M.Tech Major project Viva-voce, 2018

4. Industry MoUs

- MoUs are signed for possible collaboration in terms of Internships, field/site visits, hands on training employability opportunities and in faculty research.



Shigemi



S.No.	Name of the Institution / Industry	Year of signing	Duration (Years)	List of actual activities under MoU
1.	Blue Star Limited	2021	Till either Party on mutually agreed	Training conducted
2.	VSD Enterprises	2021	Till either Party on mutually agreed	Certificate course
3.	Lokesh Machines Limited	2021	Till either Party on mutually agreed	Industrial Visit
4.	Skillaid educational and innovation service Pvt Ltd	2021	Till either Party on mutually agreed	Guest Lectures
5.	M/s Rachana Machines Pvt Ltd	2021	3 Years	Consultancy work
6.	INVOK Engineering Solutions	2021	3 Years	Certificate course
7.	Shigemi Scientific Solutions	2017	3 Years	Certificate courses

Impact:



ACME TOOLING



LOKESH MACHINES LIMITED



SKILLAID EDUCATIONAL AND INNOVATION SERVICE PVT LTD



BLUE STAR LIMITED



Hyderabad, Telangana, India
ME, VNR VJET, VNR COLLEGE, Hanuman Marg, Whisper Valley, Hyderabad, Telangana 500090,
India
Lat 17.536624°
Long 78.385042°
23/02/24 11:32 AM GMT +05:30

MoU with Blue Star

- Placements
- Student internships
- Training
- Scholarship
- Industrial Visits
- Industry demand courses
- Consultancy

5. Industry Supported Laboratories

HVAC-Hands on Training Centre



Equipment's in HVAC-Hands on Training Centre procured through Industrial Collaboration [Blue Star Ltd]

Impact:

Activity	Out Come
Training Programs	Conducting training programs for students and Technicians
Hands-on-Practice	Intensive training program for the students who opted Refrigeration and Air Conditioning course as an elective subject
Placements	Placements have been provided for the students
Scholarship	Scholarships have been provided for the eligible students

Training conducted Training on Friction Stir Welding Machine



Mr. S. Param Siva, R.V.Machine Tools visited to the lab on 29-11-2023 and demonstrated on working of FSW machine to 2nd B.Tech



Mr. Venkatesh Balakrishnan , CEO - R.V.Machine tools and Mr. Param Shivan Technician , R.V.Machine tools Coimbatore on 2023-12-04



Training on Mitsubishi controllers on 17-05-2022



Training on FSW machine held on 26-03-2022 Mr. Sivashakthi Service Engineering from R.V.Machine Tools -Coimbatore.

6. Industrial Consultancy

CONSULTANCY:

S.No.	Academic Year	Name of the principal Investigator	Designation	Project Title	Company	Date	Status Ongoing/ Completed	Revenue generated (Rs)
1	2020-21	Sri Hazari Naresh	Assistant Professor	L Foot Machining	M/s Rachana Machines Pvt Ltd	25-06-2021	Completed	32,047
2	2019-20	K Krishna Murthy	Assistant Professor	Performance and Emission test	JNTUK, Kakinada	29-10-2019	Completed	16000
3	2019-20	K Krishna Murthy	Assistant Professor	Performance and Emission test	MarriLaxman Reddy Engineering College	05-08-2019	Completed	4000
4	2019-20	K Krishna Murthy	Assistant Professor	Performance and Emission test	Legal Metrology Department (Govt.)	01-08-2019	Completed	16000
5	2018-19	Sri Hazari Naresh	Assistant Professor	Machining of Mounting clamps	M/s Rachana Machines Pvt Ltd	12-06-2019	Completed	49973
6	2018-19	K Krishna Murthy	Assistant Professor	Performance and Emission test	Marri Laxman Reddy Engineering College	08-03-2019	Completed	2500
7	2017-18	K Krishna Murthy	Assistant Professor	Performance and Emission test	Marri Laxman Reddy Engineering College	01-05-2018	Completed	1000
8	2017-18	K Krishna Murthy	Assistant Professor	Investigation on performance and emission characteristics of diesel engine with plastic oil blends	MLR Institute of Technology	26-02-2018	Completed	1000
9	2017-18	K Krishna Murthy	Assistant Professor	Investigation on performance and emission characteristics of diesel engine with plastic oil blends	MLR Institute of Technology and Management	04-12-2017	Completed	1750
10	2017-18	Kode Jaya Prakash	Assistant Professor	Duneze RPT Model	M/S Jytra Technology Solutions Pvt.Ltd	02-11-2017	Completed	19520

Total Revenue Generated: Rs.1,43,790

**Industrial Consultancy
on CNC lathe**



SUCCESS STORIES

1. Teaching learning pedagogy WIT & WIL (Why am I Teaching -What I am Teaching; Why am I Learning -What I am experts leading to better understanding of the courses yielding improved graduate outcomes.
2. 737 number of Summer internships and 655 number of Industry Oriented Learning) scenarios of all the courses across the programs are endorsed by relevant Industry Mini Projects are done by the students in the assessment period.
3. 23 number of guest lectures are delivered by industry experts in the last five years (2017-2023)
4. An amount of Rs. 1.5 lacs generated from the industrial consultancy in the assessment period
5. Number of students opted for Entrepreneurship course as open elective are 84 in the assessment period.
6. Mechanical Engineering Alumni as Entrepreneurs:

Name	Name of the Company	Position/Area	Graduation Year
Raghuram A.	M/S Baba Technocrats & Mfrs.	GM	1999
Anup Arjun	M/S Hyderabad Metal Crafts Pvt. Ltd.	Technical Director	2001
Satyajeet Singh	M/S Disside-Design Labs.	Co-Founder	2010
Bhushan Reddy	M/S Kaushalam Foundation	CEO & Director	2011
Himanushu	M/S Vestas	Lead Engineer (CEO)	2011
Kausthub Kaundinya Y.	M/S Jarsh Innovations	Founder and CEO	2016
Sreekanth Kommula	M/S Jarsh Innovations	Co-Founder & CTO	2016
D. Anand Kumar	M/S Jarsh Innovations	CPO	2016

Details of Entrepreneurs				
S.No.	Name of the student	Graduation Year	Name of the Company	Registration Date
1.	Raghuram A.	1999	M/S Baba Technocrats & Mfrs.	28 December 2010
2.	Anup Arjun	2001	M/S Hyderabad Metal Crafts Pvt. Ltd.	29 May 1984
3.	Bhushan Reddy	2011	M/S Kaushalam Foundation	June 2016
4.	Himanushu	2011	M/S Vestas	1997
5.	Kausthub Kaundinya Y.	2016	M/S Jarsh Innovations	02 November 2016
6.	Sreekanth Kommula			
7.	D. Anand Kumar			

Alumni Entrepreneur Testimonials:

1. Kausthub Kaundinya, Sreekanth Kommula and Anand Kumar

Company Overview: Jarsh Innovations Private Limited is a pioneering company in the field of industrial safety, specializing in smart safety wearables. Our flagship product, the Jarsh ActivCooling helmet, represents a groundbreaking advancement in ensuring worker safety and comfort in challenging industrial environments. By integrating smart IoT technology, we are setting new benchmarks in the safety wearables industry.

Founders: Jarsh Innovations was founded by three visionary entrepreneurs, who began their journey while pursuing their **B.Tech at VNR Vignana Jyothi Institute of Engineering and Technology:**

- **Kausthub Kaundinya**, Co-founder & CEO: An alumnus of IIM Ahmedabad, Kausthub leads the strategic vision and overall operations at Jarsh Innovations.
- **Sreekanth Kommula**, Co-founder & CTO: With a Master's degree from BITS Pilani, Sreekanth spearheads our technological innovations and product development.
- **Anand Kumar**, Co-founder & COO: Also a graduate of BITS Pilani, Anand manages the company's operational strategies and ensures seamless execution of our projects.

Incubation and Funding: Jarsh Innovations received an initial grant of ₹5 lakhs from our alma mater, VNR Vignana Jyothi Institute of Engineering and Technology (VNRVJIET), which was instrumental in helping us start the company. Following this, we were incubated at BITSPilani, with significant support from Mumbai Angels, who recognized and invested in our vision of revolutionizing industrial safety. These strategic partnerships and funding have enabled us to

invest in cutting-edge technology and expand our product line to meet the evolving needs of the industry.

Financial Performance:

Our financial trajectory showcases consistent growth, driven by our innovative product offerings and expanding market presence.

Future Outlook: The future of Jarsh Innovations is incredibly promising. Our roadmap includes:

- **Product Expansion:** Developing new smart safety wearables integrating advanced IoT capabilities to enhance worker safety and operational efficiency.
- **Market Penetration:** Expanding our footprint in both domestic and international markets, targeting industries such as construction, manufacturing, and mining.
- **R&D Investment:** Continuously investing in research and development to stay ahead of technological advancements and meet the dynamic needs of the industry.

Our commitment to innovation, combined with a robust business strategy and a talented leadership team, positions us well for sustained growth and industry leadership.



Jarsh ActivCooling Helmet has been selected as state-of-the-art safety product at Vedanta Spark.



Introducing Jarsh ActivCooling Helmet to Kumaramangalam Birla, chairman of Aditya Birla Group -BITSOM, Mumbai



Vadodara Traffic Police using Jarsh ActivCooling Helmet

Conclusion: At Jarsh Innovations, we are not just creating products; we are forging a safer, smarter future for industrial workers worldwide. Our journey from a university startup to a market leader in smart safety wearables reflects our dedication, innovation, and unwavering focus on quality and safety.

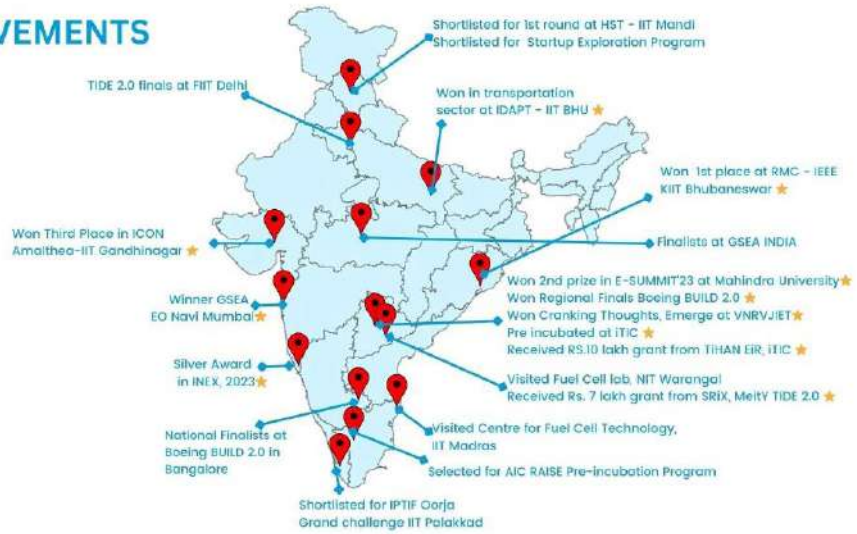
We believe our story of innovation, growth, and vision exemplifies the spirit of this prestigious recognition.

2. GOPICHAND AND TEAM HYDROGEN MOTORCYCLE JOURNEY

Hi , I'm Gopichand batch 2019-23 from the department of mechanical engineering . Along with my friends Nikhil Swamy , Aditya Pramod started working on our startup which is currently working to build the Gen 2 hydrogen fuel cell motorcycle . During our college days Department of Mechanical Engineering -VNRVJIET in 2022 supported us with a seed grant of INR 6,14,000 Lakh which helped us to build the Gen 1 of the motorcycle along with the workspace and additionally travel allowance for our team where we travelled to several startup idea competitions and visited multiple research centres helped us to secure various achievements from institutions like IIT(BHU) , IIT Gandhinagar , Boeing BUILD , Mahindra University etc etc . Currently we hold a design patent and further working to file a process patent .

In May 2023 we graduated and Management of VNRVJIET is so generous that they allocated a decent isolated workspace for us to continue to work on the startup in the college premises itself .Moving forward to build Gen 2 of hydrogen fuel cell motorcycle we got additional grant INR 10 lakh from TiHAN EiR IITH and INR 7 Lakh grant Meity TIDE 2.0 SRIX SU and most recently Gopichand happened to be national finalist for the Global Student entrepreneur awards (GSEA) and also won 1.25 INR Lakh from Entrepreneur Organisation Navi Mumbai Forum.

ACHIEVEMENTS



Interaction with Nagesh Kunamneni, President & CSO at BizCloud Experts



Mr. Anand Mahindra
Chairperson –
Mahindra & Mahindra Group



ATLAST Motors - National Finalist
for the Global Student Entrepreneur
awards (GSEA) and also won 1.25
INR Lakh from Entrepreneur
Organisation Navi Mumbai Forum



Dr. G. Satheesh Reddy, Scientific Advisor to Raksha Mantri visit to research design development test fail forum lab.



Interaction with Ms. Ritu Maheshwari, CEO of Greater Noida Authority and Greater Noida Industrial Development Authority

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

INDUSTRY INSTITUTE INTERACTION CELL ACTIVITIES

Industry Institute Partnership activities in the Department focus on bridging the gap between the academia and industry, to promote and nurtures industry interaction in various academic activities such as Curriculum Design, Teaching and Learning, Internships, Placements and Mentoring the students, faculty and the department as a whole for its holistic development.

Industry Advisory Board of Electronics and Communication Engineering

	
Dr. Avinash Yadlapati Senior Engineering Manager, Intel Corporation	A V Ramana Reddy Senior Engineer, Mathworks.
	
Dr. Alivelu Manga Neelakantham, Solutions Engineer Sr.I. EDAG, Circuit Design & TCAD Solutions	Sri. S. Venkateshwara Rao Director SmartSoC Solutions Ltd , Hyderabad

1. Industry experts in Curriculum Design:

Industry experts as Members of Boards of Studies

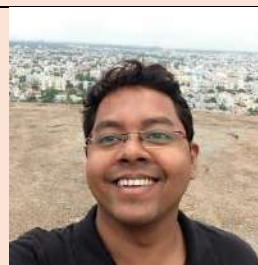
Year	Name of the industry expert	Associated Industry
2017 – 2018	Dr. A. Vidya Sagar Managing Director	Avantel Ltd.
	Sri. S.Venkateshwara Rao Director	AMD, Hyderabad
	Sri.Mahesh U Patel Joint Director	C-DAC, Hyderabad
	Sri. N. Madhusudhan Reddy Design Engineer	Cyient Pvt. Ltd.
2018 – 2022	Dr. A. Vidya Sagar Managing Director	Avantel Ltd.
	Sri. S.Venkateshwara Rao Director	AMD, Hyderabad
	Sri.Mahesh U Patil Joint Director	C-DAC, Hyderabad
	Sri. A. Raja Sekhar Senior Manager	Hyundai Mobis India Ltd., Hyderabad
2022 – 2023	Sri. S.Venkateshwara Rao Director	AMD, Hyderabad
	Dr. J. Chattopadhyaya Former Director	SPIC, DRDO
	G M Balakrishna Manager II	Synopsys Hyderabad
	Bekkam Sateesh Staff Engineer/Manager	Qualcomm Hyderabad



Dr. A. Vidya Sagar
Managing Director
Avantel Ltd. Hyd.



Sri. S.Venkateshwara Rao
Corporate Vice President
SmartSoC Solutions Ltd.



G M Balakrishna
Manager II
Synopsys Hyderabad



Dr. J. Chattopadhyaya
Former Director
SPIC, DRDO



Bekkam Satheesh
Staff Engineer/Manager
Qualcomm Hyderabad



Mahesh U Patil,
Joint Director,
C-DAC, Hyderabad

- Industry designed courses

Program	Course Name	Course Code	Program/Year of study	Industry involved
B.Tech. (ECE)	CPLD and FPGA Architecture(R19)	19PE1EC06	B.Tech / VI semester	Advanced Micro Devices(AMD) Ltd
	VLSI Design Laboratory(R19)	19PC2EC08	B.Tech / VI semester	Synopsys (Ind) Ltd
	Verification and Scripting Languages for VLSI Design(R19)	19PE1EC13	B.Tech / VII semester	Advanced Micro Devices (AMD) Ltd
	Software Defined Radio(R19)	19PE1EC11	B.Tech / VII semester	DRDO
	Signal Processing and Communication Applications Laboratory	19PC2EC10	B.Tech / VII semester	Redpine Signals, Hyderabad
	Computer Networks and Systems Approach(R19)	19PC1EC12	B.Tech / VII sem	Advanced Micro Devices (AMD) Ltd
	HDL Based Design and Verification(R22)	22PE1EC303	B.Tech / V sem	Intel
	CMOS VLSI Design(R22)	22PC1EC306	B.Tech / VI sem	Intel
	CMOS VLSI Design Laboratory(R22)	22PC2EC306	B.Tech / VI sem	Synopsys (Ind) Ltd
	Digital System Design with Programmable Devices(R22)	22PE1EC307	B.Tech / VI sem	AMS Semiconductors India Pvt Ltd
M. Tech. (VLSI System)	Scripting Languages for VLSI	22PC1VS06	M.Tech/II SEM	Advanced Micro Devices (AMD) Ltd
	Analog IC Design	22PC1VS03	M.Tech/I SEM	AMS Semiconductors

Design)				India Pvt Ltd
	VLSI Design for Testability	22PC1VS05	M.Tech/I SEM	Synopsys (Ind) Ltd
	VLSI Physical Design Automation	22PE1VS08	M.Tech/II SEM	Synopsys (Ind) Ltd
M. Tech. (Embedded Systems)	Simulation and Synthesis with PLDs	A18PC1VS01	M.Tech/I SEM	Advanced Micro Devices(AMD) Ltd
	Internet of Things	A18PE1ES02	M.Tech / I SEM	Blaze Automation
	Embedded System Design	22PC1ES01	M.Tech / II SEM	Silicon Labs
	Programming Languages for Embedded Software	22PC1ES02	M.Tech / II SEM	Silicon Labs

2. Industry experts in Curriculum delivery:

- **Courses delivered by Industry experts:** Experts are invited to deliver course contents in core/professional elective courses.

Course Name	Expert Name & Details
Micro Processors and Micro Controllers (ARM architecture and its applications)	Mahesh U. Patil, Joint Director C-DAC
CPLD and FPGA architectures	Mr.Y.Avinash, Mirafra Technologies Ltd, Bangalore.

- **Expert/Guest lectures by Industry Experts**

S. No.	Name of the Resource person	Designation & Organization	Topic	Venue	Date	No. of students/ Faculty benefited	Outcomes
1.	DR.D Sita Rama Raju	Scientist (Retd.) ADA	Tejas Indian fighter aircraft-Flight control and Avionics	Dr.A.P.J. Abdul kalam Auditorium	8 th August 2017	65	Flight control and Avionics.
2.	G.Muralidhar	ITS Principal Advisor (TRAI)	Telecommunication trends in ICT and 5G and Regulatory framework in India	C-213	23 th Sept 2017	45	Cellular communication and its quality measures

3.	Pankaj S. Dhakate	Head of Signalling and Train controlling, L&T metro Hyd.	Communication on based Train Control for Hyd Metro Rail	Dr.A.P.J. Abdul kalam Auditorium	29th Dec 2017	30	Signal controlling of Trains for Hyd metro train system
4.	Mr. M. Vijay Kumar	CEO I-WIN IP Services Pvt. Ltd	The Importance of Intellectual Property Rights(IPR) in Business	B-block Seminar hall	31th March 2018	65	Intellectual Property Rights in business
5.	Mahesh U patil	Joint Director CDAC	ARM architecture and its applications	B-Block seminar hall	16 th august 2018	55	ARM processors and real time applications
6.	Mr.A.Sai Kumar, Mr.Arjun Varma & Mr.E.Shashikant	Alumni Students	Importance of studies	B-213	21-07-2018	120	Importance of studies and credentials in B.Tech
7.	Ms. K. Swetha	Software Engineer TCS, Hyderabad	Data Analytics & Career Opportunities	B-Block Seminar Hall	03-08-2018	50	basics and need of machine learning and artificial intelligence,
8.	Mr.Mahesh Gummaraju	Head-Campus Learning Solutions, UTL Technologies Ltd, Bangalore	Embedded Systems	C-307	09-08-2018	65	Embedded Technology, current mega trends
9.	Ms.Loren Shruie	MatLab developer, MatLab	Deep Learning	B-Block Seminar Hall, Seminar I- II	25-09-2018	70(faculty) 40(PG students)	Demystifying deep learning
10.	Mr.Vijaya Kumar Bhashamalla	Sr. Engineer BOSCH, Delhi Gurgaon	Need for self-learning	B-213	18-01-2019 to 19-01-2019	200	Need for self-learning, hard work, taking up jobs in core area

11.	Mr.Francis David	Associate Operations, Luvieen Alva,	CEO on "Mentor Mind"	B-Block Seminar Hall, Seminar I-II	21-01-2019	200	Mentor Mind, Mentorships
12.	Sri.Mahesh.U Patil	Joint Director, CDAC, Hyderabad	Overview of Microprocessors	B-Block Seminar Hall	21-09-2019	200	Valuable information on Overview of Microprocessors
13.	K.Rama Krishna Reddy	Advanced Micro Devices(AMD)Ltd, Hyd	Embedded Real Time Operating Systems	B-213, VNRVJIET	31-8-2019	30	Design concepts needed to build an embedded system using RTOS, open source RTOS and Better insights of RTOS internal implementation and design
14.	Dr.Vijendra Reddy	ADRIN, Hyderabad	Internet of Things	C-307, VNRVJIET	30-9-2019	25	SDDC and architecture, Enabling technologies for the IoTs, sensor networks, RFID, M2M, mobile Internet, semantic data integration, semantic search, IPv6
15.	K.Sai Deep	TCS, Hyderabad	Machine Learning	B-213, VNRVJIET	9-9-2019	50	Machine Learning and Expert Systems
16.	Mr.Ravi	Monitra Healthcare Pvt Ltd	Internet of Things	B Block Seminar Hall, VNRVJIET	24-9-2019	45	Evolution of IoT, Protocols, and applications of IoT
17.	Mr.Yadagiri	Advanced Micro Devices (AMD) Ltd, Hyderabad	VLSI Design	C-307, VNRVJIET	23-11-2019	55	process of FPGA synthesis, Logic synthesis, behavioural synthesis, etc and the synthesis tools.

18.	Mr.G.Dharmendra Nayak	MMRFIC Technology Private Limited, Bangalore	Designing aspects and sensing methods, Microwave Filter Designing Fundamentals	VNRVJIET	25-07-2020	45	Major advancements in Microwave engineering
19.	Ms.V. Radha	Nutrisnax Industries, Hyderabad	Designing of GNSS receivers and DSP real time projects	VNRVJIET	26-07-2020	62	Industry perspective of signal processing
20.	Mr.D.Yadagiri	Advanced Micro Devices(AMD) Ltd, Hyderabad	Small signal Model and design of Analog ICs and Modelling for future developments and recent trends	VNRVJIET	29-08-2020	15	Awareness toward VLSI design, and tools
21.	Mr. C. V. Renjith	Philips Healthcare, Bangalore	Emerging Trends in Biomedical Engineering, Roles and Responsibilities of Biomedical Engineers in hospitals and career Development	C-313	03-09-2020	58	Importance of Biomedical instruments and excelling career opportunities
22.	Mr. P.V.S, Maruthi Rao	Vidcentum R & D Pvt. Ltd, Hyderabad	Digital Communication Transfer of information in digits-Dominant Technology today-Broadband,3G ,DAB/DVB	A-201	15-09-2020	75	Working of digital communication devices in real time

23.	Mr. Y. Avinash	Mirafra Technologies Ltd, Bangalore	Design Architectures and Test bench Architectures of ICs and VLSI Front End Languages such as Verilog HDL,HVL	B-Block Seminar hall	19-09-2020	17	Different test bench architectures, ASICs, FPGA Concepts
24.	Mr. PVN Pavan Kumar	SAP Labs, Bangalore	Challenges and Limitations of IOT	B-Block Seminar hall	05-10-2020	17	Research directions in IOT
25.	Ms. Nita K Patel	Engineering at L3Harris Technologies	Dual-band GNSS Modules, signal processing in GNSS Receivers and Tracking algorithms in GNSS receivers	A-201	19-09-2020	56	Industry expectations in the area of Signal Processing
26.	Ms.V.Sailaja	SAP Labs	Privacy and Security aspects of Embedded DSP processors	A-201	10-10-2020	78	Real time scenario of security aspects in different industries
27.	Mr. Rathin N	IBM, Hyderabad	Top 7 JAVA Technology Trends in 2021, AI Driven Application, Database connectivity	KS Auditorium	05-10-2020	85	Different concepts of JAVA
28.	Mr. D. Srikanth	Xilinx, Hyderabad	ASICs, FPGA and about Verilog, VHDL programming languages and career opportunities	B-Block Seminar hall	19-12-2020	15	VLSI front end languages such as Verilog HDL, HVL, Verification methodologies and scripting languages

29.	Ms. Sushmitha Ch	Synopsys, Hyderabad	CMOS Processes and node technologies, high-accuracy analog circuits and Advancements in scaling and design techniques	B-Block Seminar hall	02-06-2021	16	Importance of basic concepts in analog IC design and layout rules
30.	Mr. Madhav Negi,	Digital Innovation Manager DXC Technology, India	Roadmap to Successful Career, Habits of Excellence & The Role of IEEE	VNRVJIET	05-06-2021	18	Habits of excellence
31.	Mr.N. Venkatesh	Senior Director. Engineering-Silicon Labs,Hyderabad	Insights into IOT	APJ Abdul kalam Auditorium	17-11-2021	18	Components of IOT
32.	Mr.N. Venkatesh	Senior Director. Engineering-Silicon Labs,Hyderabad	Wireless Technologies in IOT	APJ Abdul kalam Auditorium	19-11-2021	18	Planning an IOT wireless communication
33.	Arya	Manager, Deloitte	Carrier Opportunities	VNRVJIET	22-11-2021	18	Different fields that students can see their carrier
34.	Mr.N. Venkatesh	Senior Director. Engineering-Silicon Labs, Hyderabad	Edge Intelligence	APJ Abdul kalam Auditorium	30-11-2021	18	Benefits of Edge Intelligence
35.	Mr.Lakshmi Narayana Kamarthi	Senior Manager, NXP Semiconductors Pvt Ltd, Bangalore	Opportunities and Challenges in VLSI Industry	Google meet	22-12-2021	18	Gap between Academia and Industry in our Country
36.	Mr. Mahesh Patil	Technical Director, CDAC	ARM Cortex-M3 Programming	VNRVJIET	06-01-2022	66	ARM Cortex-M3 Processor and its Characteristics

37.	Sri. Anil Kakodkar	Chancellor, Homi Bhabha National Institute, Chairman, Rajiv Gandhi Science & Technology Commission	Higher Education and National Development	B-Block Seminar Hall	31-05-2022	18	Education Process of the country
38.	M. Dinakar	Co-Founder & Chief Solution Architect Secure Weave, Hyderabad	Embedded Systems	B-Block Seminar Hall	18-06-2022	18	History and Characteristics of Embedded Systems
39.	Mr. Sandeep Vellanki	Data Science Manager at Deloitte, Hyderabad	Introduction to Data Analytics and Business Intelligence	APJ Abdul Kalam Auditorium	25-06-2022	18	Data Analytics relevant to Business



Guest Lecture on “Introduction to Data Analytics and Business Intelligence”.



Guest lecturer on “Linux and scripting languages”.



Guest Lecture on “VLSI physical design”.



Guest Lecture on “Career opportunities in Aerospace Industries”.



Training session on VLSI design by Sumedha



Training session by Silicon Labs

• **Industry Endorsement Course delivery- WIT & WIL™**

S.NO.	COURSE NAME	Name of the Scenario	INDUSTRY Name
1.	Network Theory (NT) :ECE	Power Distribution and Load Monitoring in Homes using IoT	Physitech Electronics,Hyd.
2.	Electronic Devices and Circuits (EDC):ECE	Communication based Train control(CBT in Hyderabad Metro)	Physitech Electronics,Hyd.
3.	Signals and Systems (SS):ECE	Signal Processing Role in Telemedicine	BSNL

4.	Digital Logic Design (DLD): CSE	METRO Railway Station	Coreel Technologies
5.	Computer Organization (CO):CSE	Computer Organization	TV5 Shreya Broadcasting Pvt.Ltd and Supermax Pvt.Ltd
6.	Computer Organization (CO):ECE	MRI Scanning Process and Recent trends in Computer Organization	Edgate Technologies
7.	Linear and Digital IC Applications (LDIC) :ECE	Bio-Medical signal processing using IC's	Coreel Technologies
8.	Digital Communications (DC) :ECE	Wifi Based data access	Marolix Software Technologies Pvt.Ltd.
9.	Antennas and Wave Propagation (AWP) :ECE	AWACS RADAR	Lotus Antenna & Microwave Technologies Pvt.Ltd.
10.	VLSI Design (VLSID) :ECE	Artificial Intelligence with VLSI	Corel Technologies
11.	Cellular & Mobile Communications (CMC) :ECE	Mobile Communication	ACD
12.	Computer Networks (CN) :ECE	Internet Service Providers	TV5 Shreya Broadcasting Pvt. Ltd
13.	Optical Communication (OC) :ECE	Optical Fiber Communication	Lotus Antenna & Microwave Technologies Pvt.Ltd
14.	Artificial Neural Networks & Fuzzy Logic (ANN & FL) :ECE	Recent Trends in ANN &FL system	Ed-Gate Technologies
15.	RADAR Systems (RS) :ECE	AWACS RADAR	Lotus Antenna & Microwave Technologies Pvt. Ltd.
16.	Internet of Things (IOT) :ECE	Real Time Health Monitoring	ARM Embedded Technologies Pvt. Ltd

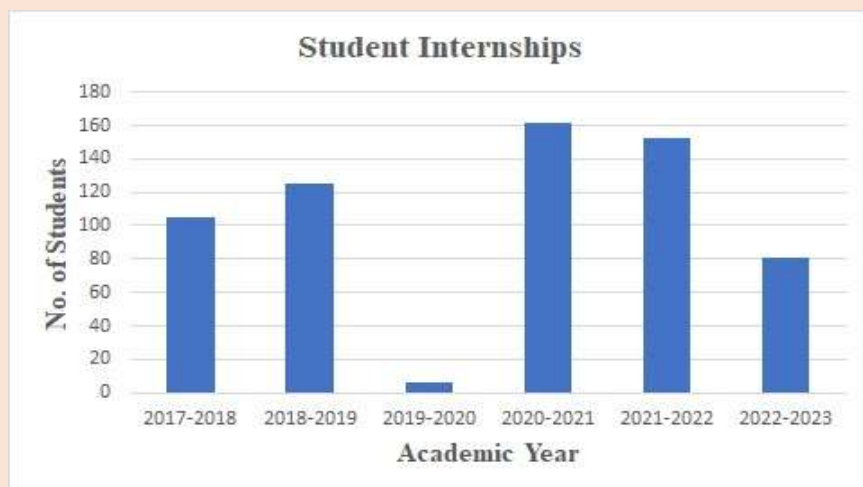
- Certification courses:**

Skill Enhancement through Certificate Courses

S.No.	Certification/Training	Industry Involved
1	Networking (2015 admitted batch)	PRK Reddy Memorial Educational society, Hyderabad
2	IoT	iBuild Innovations India Limited, Hyderabad

3	Cyber Security	Spyry Technologies Private Limited, Bangalore
4	IOT Bootcamp and Hackathon	Idealabs Pvt. Ltd., Hyderabad
5	Python Programming	Proedge Skill development & Edutech Pvt. Ltd.
7	Rapid Prototyping & System Design on IOT	EdGate Technologies Pvt. Ltd., Bangalore
8	Python Hackathon	TechyBees EduCon Pvt. Ltd.
9	IoT with Alexa Bootcamp & Hackathon	Idealabs Pvt. Ltd., Hyderabad
10	Machine Learning	Swecha, Hyderabad
11	IoT and Digital Agriculture	Idealabs Pvt. Ltd., Hyderabad
12	Competitive Coding Skills	Smart Interviews Ltd.
13	Web Development	iLander Technologies Pvt. Ltd.

- **Industry Internships**



- List of Industries year -wise

<p>2022-2023</p>	<p>JP Morgan Chase & Co Borderfree Technologies BHEL Apxor Technology Solutions Pvt. Ltd. Chubb Business Services India Pvt. Ltd. Synopsys Bitsilica Unplatforms VALSOC Semiconductor Pvt. Ltd. Merilytics Cantellat Software Private Limited, JNTUH Wintech Service Pvt. Ltd. Synchron Software India Pvt. Ltd. People Tech Group State Street TCS Colruyt IT Consultancy India Pvt. Ltd NCR Corporation India Pvt. Ltd CDK Global Mediamint Oracle SOCDV Technologies Mediamint Amazon Cloud Services IBM India Pvt. Ltd. Synergy Machines Sas2py Software Solutions AI DROID PWC Pvt. Ltd. Energy Tech Global KS Bakers Private Limited Knorr-Bremse Technology Center India Pvt. Limited Cognizant (CTS) Sas2py Software Provate limited</p>
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2021-2022

JP Morgan Chase & Co.(JPMC)
Synopsys
Inquilab Inventions Foundation
BEING ZERO
Brane Services Pvt. Ltd.
IEEE Hyderabad Section
Spotflock Technologies
Computer Power Group Pvt. Ltd.
Accolite Digital
JUSpay
Virtusa
DE Shaw
Wipro
NCR
State Street Corporation
TCS
Cognizant
Deloitte
Deloitte USI
Epam Systems
Capgemini
Amazon
ACS Solutions
Merilytics
Price water house Coopers (PWC)
Ilensys technologies Pvt ltd
Bhakthi vedantha Institute
NTH PHASE
NGO(Aashman Foundation)
Anode Technologies
Chaos Electronic LLP
LTI
Friends Being A Helping Hands (FBHHS)
Bartronics Global Solutions Pvt limited
Invesco
L & T Infotech
Wiley mThree
Zensar Technologies

2020-2021

TCS
Cognizant
SION Semiconductors
Synopsys & NCR
Service now
OSOS
Unschool Learning
Global Volunteer
NCR Corporation India Pvt Ltd

TECH MAHINDRA
DATAGROKR
SMART KNOWER
AMAZON
JP Morgan Chase & Co
GAINSIGHT
Ananth Technology Limited
DXC Technology
Cloud4c
Optival
Nalsoft
NCR Corporation India Pvt Ltd
Veda IIT
ABSYZ Software
Qspiders Campus Connect
Mactores
Zenindo Solutions
ESSO INCOIS
StrikeTru
TEK Systems
Mentorbox
Indian Servers
Ineuron
Verzeo

2019-2020

BHEL
NAVANIDHI
CAPGEMINI

2018-2019

COGNIZANT TECHNOLOGY PVT. LTD.

BHEL

BSNL

ACHERON SOFTWARE CONSULTANCY

DMR INTRINSIC SOLUTIONS

ECIL

MERILYTICS

SIGMA MICRO SYSTEMS

VALUE LABS SOLUTIONS

VERZEO EDUTECH PVT LTD

NUCLEUS.VISION

KANTAR

ISRO

DELOITTE

TCS

CAPGEMINI

VORILS/TACAN

EDUTECH

NCR

BHARAT PETROLEM CORPORATION

KONNECT

WAVE LABS

AUTOMATEEM

SDSCR

MICROSOFT

ECIT

SPYRY

ORDANCE FACTORY

VERZEO

HITACHI

DARWIN BOX

FROOGAL

2017-2018

TSGENCO
SPYRY
JARSH INNOVATIONS PRIVATE LIMITED
DRDO
DEV POINT SOLUTIONS PRIVATE LIMITED
ECIL
BSNL
MMRFIC TECHONOLOGY PRIVATE LIMITED
BHEL
TCS
AMAZON
CENTRAL SPARK TECHNOLOGIES
Art of Gifting
TCS Remote Internship
SOLOMON ENGINEERING
OPEN TEXT
Veda IIT-SoCtronics
Modak Analytics
Capgemini

- **Industrial Visits**

Name of the Industries Visited

Avionics Division
Ananth Technologies,
INCOIS
L & T Metro Rail (Hyderabad) Limited
UPPAL DEPOT, NAGOLE
ETDC-CETE
INCOIS
Centre for Electronics Test Engineering, Hyderabad
ICOMM Tele Limited, Hyderabad
Sulakshana Circuits Ltd, Hyderabad
HAL, Bala Nagar, Hyderabad
INCOIS(Indian National Centre of Ocean Information Services),Hyderabad
Astra Microwave Products Private Limited, Hyderabad,
CCMB,Hyderabad
Kwality Photonics, Hyderabad



Astra Microwave Products Ltd.



Industrial Visit to NRSC



GMR Solar Plant



Industrial Visit to HAL



Industrial Visit to INCOIS



Industrial Visit to ETDC

3. Industry experts in Evaluation:

- **Industry experts as external examiners** in the UG, PG project evaluation and in the DRC of Ph.D scholars.

Industry Expert	Industry Association	Program/Year
Dr.L Parida	Scientist –G, ASL, DRDO	M.Tech, Major project Viva-voce, 2023
Dr, V. Satish Dawan	Design Manager, Ananth Technologies Ltd., Hyd.	M.Tech, Major project Viva-voce, 2023.
K Lakshmi Narayana	Principle engineer,NXP India pvt,ltd.	M.Tech Major project Viva-voce, 2023.
A.Seetha Lakshmi	Sr.Manager, HAL, Hyd.	B.Tech Major project Viva-voce, 2023.
Dr.Amit Pratap	Scientist-F, DRDO	B.Tech Major project Viva-voce, 2023.
Dr.S.Veera Buthiran	Scientist-F, DRDO	B.Tech Major project Viva-voce, 2023.
P Sai Ravi Teja	Avionics System Engineer, Skyroot,Aerospace.	B.Tech Major project Viva-voce, 2023.
Smt. R.V Kamala	Sr. Member technical Staff, AMD, Hyd.	M.Tech, Major project Viva-voce, 2022.
Mr. M. Venu Gopal	Director of Engineering, automative SW, NVIDIA, Bangalore.	M.Tech, Major project Viva- voce, 2022.
Mr.S. Krishna Teja	Staff Engineer, Mentor Graphics India pvt,ltd	M.Tech, Major project Viva- voce, 2021

Mr. S.Venkateswara Rao	Director, AMD , Hyd.	M.Tech, Major project Viva-voce, 2020.
Mr. Nitish Kumar Sharma	Design Er-2 , AMD, Hyd.	M.Tech, Major project Viva-voce, 2018
Mr. D.Srikanth	Engineer, Xilinx, Hyd.	M.Tech, Major project Viva-voce, 2018.

4. Industry MoUs

- MoUs are signed for possible collaboration in terms of Internships, field/site visits, hands on training employability opportunities and in faculty research.

S.No.	Name of the Institution / Industry	Year of signing	Duration (Years)	List of actual activities under MoU
1	Blaze automation services Pvt. Ltd.	2021	3	1.Placements
2	Indo Universal Collaboration for Engineering Education (IUCEE)	2022	1	1.Organization Guest lectures
3	MMRFIC Technology Pvt. Limited	2019	3	1.Industrial Visit on 17 th Feb 2020
4	SALCIT Technologies Pvt. Limited	2021	3	1.Project Development
5	Redpine Signals India Private Limited.	2019	Perpetual	1.Faculty training program from 30-12-2019 to 06-03-2020.
6	ICOMM Tele Limited	2017	5	1. Industrial Visit on 1st March 2019 2. Faculty Interaction
7	Idea Labs Tech Ventures	2018	Perpetual	1. IoT BOOT Camp on 5-6 Jan 2018. 2. Hackathons on 11-12 Jan 2018 3. 8Hackathons on IoT on 26th March 2019 4. Boot camps and Hackathons in IoT on 22nd Feb 2020
8	Ananth technologies	2017	5	1. Industrial Visit on 4th Aug 2017 2. Industrial Visit on 2nd Aug 2018 3. Industrial Visit on 26th Feb 2019. 4. Project Development 5. Industrial Visit on 17th Feb 2020 6. Industrial Visits on 22-12-2021 and 30-12-2021 7. Projects developments



MOU Signed with Ananth Technologies



MOU Signed with Blaze Automation Services Pvt. Ltd.



MOU Signed with SALCIT Technologies Pvt. Limited



MOU Signed with ICOMM Tele Limited



MOU Signed with Indo Universal Collaboration for Engineering Education

5. Industry Supported Laboratories

Intel Intelligent Systems Lab:



Intel Intelligent Systems Lab

In line with the vision of the institute towards setting up state of the art technology labs to expose students and faculty to latest technologies, after considerable evaluation we narrowed down to setup an IoT lab using Intel Intelligent Systems Lab Program.

FICE (FOUNDATION FOR INNOVATION AND COLLABORATIVE EDUCATION) is an authorized partner by Intel Technology India Pvt. Ltd. to rollout the Intel® College Excellence Program to engineering colleges and other institutions in India. FICE worked with us in establishing the Intel Intelligent Systems Lab, which can be branded as “Intel® Intelligent Systems Lab”.



Impact:

Research Projects	<ul style="list-style-type: none">• Water and air quality testing system• RFID based Object Locator• Smart box with Smart Helmet• Automated power maintenance through human detection• Smart Irrigation System• Prototype of Automatic surveillance bot• Prototype for Smart retail stores to improve efficiency and enhance customer experience.• Prototype of Smart Vehicle System• Anti-Kidnapping Module• Passenger Safety and rescue
Cutting Edge Technologies	<ul style="list-style-type: none">• Internet of Things• Sensors and Actuators• Embedded Development Platforms• Cloud Computing
Training to Students	<ul style="list-style-type: none">• The "Excellence in Intelligent Systems" workshop was held from 13 to 16 October 2017 as part of the Intel-FICE programme.• The "Internet of Things" by Dr. Vijendar Reddy, Scientist, ADRIN, Hyderabad, training program organized by ECE Department• The "Embedded Systems" by Mr M Dinakar, Co-Founder, Secure Weave, Hyderabad, training program organized by ECE Department• The "Internet of Things" by Mr. Ravi B, Founder, Monitra Health Care Ltd, Hyderabad, training program organized by ECE Department

Contributions of Laboratories

The students designed following projects

- Water and air quality testing system
- RFID based Object Locator
- Smart box with Smart Helmet
- Automated power maintenance through human detection
- Prototype of Automatic surveillance bot
- Prototype for Smart retail stores to improve efficiency and enhance customer experience.
- Prototype of Smart Vehicle System
- Anti-Kidnapping Module
- Passenger Safety and rescue

- Smart Irrigation System
- Direction control system using Joystick Module

Embedded Systems Laboratory:



Embedded Systems Laboratory,

The lab is sponsored by Texas Instruments in 2018 in favour of innovative engineering education to close the knowledge gap between academia and industry. Intelligent, interconnected equipment and products autonomously communicating and optimizing along the entire value chain, are key elements of this digital revolution. To provide an exposure to the students about the various developments in the area of Embedded Systems, the Dept. of ECE has proposed to update the laboratory in this area. The Texas Instruments sponsored a laboratory with the title "Embedded Systems Laboratory" for the department of ECE" dated 2018. In addition to the existing software and processors, Embedded Systems Laboratory has been equipped with latest Software's and Processors. Both UG, PG and Research students are carrying out real time projects, many research activities are being implemented using these tools.



Figure: Embedded Systems Lab

Impact:

Outcomes →

<p>Research Projects</p>	<ul style="list-style-type: none"> • Hardware Accelerator for Face Mask Detection Using PYNQ Z2 • COVID-19 Fencing System & Contact Traceability
<p>Cutting Edge Technologies</p>	<ul style="list-style-type: none"> • Advance Embedded System design • Edge Computing • Internet of Things • Reconfigurable Embedded Design • Software-Defined Networking • PCB Design
<p>Training to Students</p>	<ul style="list-style-type: none"> • A two-day workshop on “PCB design and Application development” under industry-oriented skill development program conducted from 19-12-2022 to 20-12-2022 in the department of ECE, VNRVJIET, Hyderabad • The “Wireless Technologies in IoT” by N. Venkatesh, Senior Director, Silicon Labs Hyderabad, training program organized by ECE Department • The “Edge Intelligence” by N. Venkatesh, Senior Director, Silicon Labs Hyderabad, training program organized by ECE Department • The “Internet of Things” by PVN. Pawan Kumar, Sr. Developer, SAP Labs, Bangalore, training program organized by ECE Department • The “Embedded Real-Time Operating Systems” by K Rama Krishna Reddy, Project Manager, AMD Ltd, Hyderabad, training program organized by ECE Department

Sensor in Wet soil:



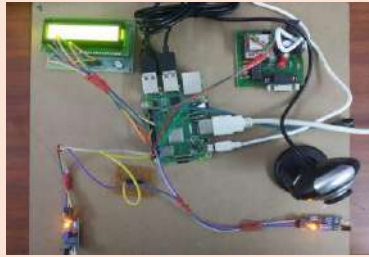
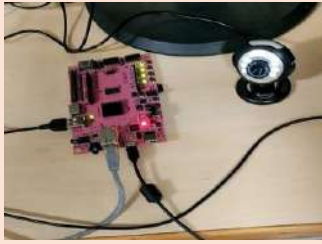
Readings in dry soil, motor turned on:

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COM1 (Arduino/Genuino Uno)

|
:Soil Moisture Level is Optimum ....
Moisture: 889
:Soil Moisture Level is Optimum ....
Moisture: 569
:Soil Moisture Level is Optimum ....
Moisture: 975
!Soil is Very dry .... Switching the Motor ON
Moisture: 941
!Soil is Very dry .... Switching the Motor ON
Moisture: 939
!Soil is Very dry .... Switching the Motor ON
Moisture: 940
!Soil is Very dry .... Switching the Motor ON
Moisture: 942
!Soil is Very dry .... Switching the Motor ON
    
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Silicon Labs Innovation Centre:

Silicon Labs Innovation Centre has been established in the Department of ECE in collaboration with Silicon Labs, Hyderabad. Through this Centre, Silicon Labs is providing students of III B.Tech with an opportunity to work on developing advanced IoT applications using sponsored IoT development boards. As a part of this, a training program by silicon labs team is conducted for III B.Tech students of ECE and IoT branches. Choosing this program, students get to work on latest IoT development kits and gain hands-on experience in the fields of Embedded and IoT. The training included theoretical and hands-on sessions on the development boards to explore various components that can be used for building various IoT projects/applications.



6. Industrial Consultancy

CONSULTANCY PROJECTS:

1. The Department of ECE is working a project titled “Testing and Design Validation of IoT Products Used in Smart Home Automation Projects” for Blaze Automation Services Pvt. Ltd., Hyderabad.
2. The Department of Electrical and Computer Engineering is working on a project called “Swaasa AI Platform – A New Approach to Respiratory Healthcare” for the Center for Cellular and Molecular Platforms (C-CAMP) in Bengaluru.
3. For Salcit Technologies Pvt. Ltd., Hyderabad, the Department of ECE is working on a project named "Frequency band analysis of acoustic signals for health care."
4. The Department of ECE is working on a project for MMRFIC Technologies Pvt. Ltd. titled "Design an FFT/IFFT IP-core with run-time configurable FFT size and data type, and compile-time configurable data type and data precision."
5. The Department of ECE is working on a project titled “Developing a VR tour for Warangal Heritage sites” for HRIDAY.

SUCCESS STORIES

1. Teaching learning pedagogy WIT & WIL (Why am I Teaching -What I am Teaching; Why am I Learning -What I am experts leading to better understanding of the courses yielding improved graduate outcomes.
2. Summer internships and *Industry Oriented* Learning) scenarios of all the courses across the programs are endorsed by relevant Industry *Mini Projects* are done by the students in the assessment period.
3. Industry expert Dr. J Chattopadhyay, Rtd. Director, DRDO is involved in curriculum delivery as *Adjunct professor* and mentoring the Department faculty in research.
4. Guest lectures are delivered by industry experts in the last five years (2017-2023)
5. The *industrial consultancy* is also generated in the assessment period
6. Number of students opted for *Entrepreneurship* course as open elective in the assessment period.
7. Electronics and Communication Engineering Alumni as Entrepreneurs.

Details of Entrepreneurs

S.No.	Name of the student	Enrollment No.	Name of the Company	Place
1	N. Mano Sathya Sai	15071A04H8	SOLBOTS Technologies Pvt. Limityed	Hyderabad
2	Siva Sai Kumar Kanagala	15071A0485	Nestham Enterprises	Hyderabad
3	Nethi Sai Kiran	16071A0451	Wikimedian, Entrepreneur	Asifabad
4	Bandi Sonali Reddy	14071A0470	Beats Fitness Academy	Tirupathi
5	Patel Shiva Ram Prasad	17071A04A4	Self Employed Crypto Trader	Hyderabad

Alumni Entrepreneur Testimonials:

Amulya Kamineni

10071A0420

Electronics & Communication Engineering

My Journey at VNR VJIET: A Recollection of Fond Memories

Graduating from the Electronics and Communication Engineering (ECE) department at VNR Vignana Jyothi Institute of Engineering and Technology (VNR VJIET) in 2014 was a pivotal moment in my life. My time at VNR VJIET was filled with enriching experiences and personal growth.

The faculty at VNR VJIET, with their advanced degrees and passion for teaching, created an environment where learning thrived. The state-of-the-art laboratories provided hands-on experience, bridging the gap between theory and practice. Their encouragement and guidance nurtured our intellectual curiosity and technical skills. VNR VJIET's holistic approach to education emphasized overall development, ensuring we were well-rounded individuals. Extracurricular activities, workshops, and seminars fostered a culture of continuous learning and self-improvement, helping us develop essential life skills such as leadership, teamwork, and effective communication. The support system at VNR VJIET was exemplary. Academic advising, career counselling, and personal mentoring were readily available, helping us excel in our chosen fields. The college's infrastructure and dedicated staff ensured we had everything we needed to succeed.

Sports and physical fitness were given significant importance, with excellent facilities and opportunities to participate in various sports events. This instilled discipline, teamwork, and sportsmanship, enriching our college experience. VNR VJIET had an impressive reward system to keep students motivated, regularly recognizing academic and extracurricular achievements. This fostered a competitive spirit and encouraged us to strive for excellence. The vibrant club culture, with a variety of clubs for dance, drama, singing, and more, helped students stay connected and active. This environment encouraged students with talent to shine and contribute to a lively campus life. The strong alumni network at VNR VJIET, with alumni excelling in diverse fields globally, greatly benefited students. The college maintained comprehensive records to assist current students with mentorship and opportunities. Placements at VNR VJIET were top-notch. The placement cell worked tirelessly to ensure ample job opportunities. By graduation, I had two job offers, thanks to their support. Even after graduation, the college continued to assist students with placements and other professional needs.

In conclusion, my time at VNR VJIET was a transformative phase. The excellent faculty, holistic development programs, robust support system, outstanding sports facilities, motivating reward mechanisms, vibrant clubs, strong alumni network, and top-notch placements created an environment where we could thrive both academically and personally. As I look back, I am filled with gratitude and pride for being part of such a prestigious institution. The lessons learned and memories made at VNR VJIET continue to inspire and guide me in all my future endeavours.

Bhaskar Vemuri

12071A04B6

ECE

My Journey at VNR VJiet: A Recollection of Fond Memories

My journey at VNR Vignana Jyothi Institute of Engineering and Technology (VNRVJiet) was truly transformative, shaping me into the well-rounded professional I am today. Beyond the robust academic curriculum, VNRVJiet provided a nurturing environment that allowed me to explore diverse interests, hone critical skills, and discover my true potential. As the Chief Event Organizer for the Institute of Electrical and Telecommunication Engineering (IETE) student chapter, I took on significant leadership responsibilities. Coordinating cross-functional teams, managing logistics, and promoting events instilled in me invaluable project management abilities.

My commitment to excellence paid off as our events consistently received overwhelming participation and positive feedback from attendees. Parallel to my role at IETE, I actively contributed to the VLSI Society of India. Engaging with peers passionate about this cutting-edge domain broadened my technical horizons and inspired me to stay abreast of the latest advancements. This inquisitive mindset led me to secure the first prize in the highly competitive inter-branch quiz competition. VNRVJiet's vibrant technical culture encouraged hands-on application of theoretical concepts. Through innovative projects, I gained proficiency in industry-relevant tools like AutoCAD, MATLAB, Multisim, LabVIEW, and Android Studio. My participation in the exhilarating Robo Rally during the annual tech fest Convergence sparked a deep fascination with robotics and automation. Beyond attending insightful workshops on Embedded Systems and Robo Utsav, I took on organizational roles, honing my ability to design engaging technical content and deliver it effectively. As the lead at the Gladiator workshop, I exhibited exceptional communication skills, breaking down complex concepts into easy-to-understand modules. Preparing and presenting seminars on niche topics like Quantum Teleportation and Near Field Communication challenged me to go beyond my comfort zone, fuelling my intellectual growth. The holistic environment at VNRVJiet ensured I developed not just technical prowess but also essential soft skills. Organizing and promoting workshops during Convergence demanded strong collaboration, negotiation, and time management abilities. Participating in inter-branch sports inculcated a spirit of healthy competition and teamwork.

Looking back, my experiences at this esteemed institute have been instrumental in shaping my professional journey. The rigorous academics, coupled with diverse extracurricular opportunities, have equipped me with the technical expertise, problem-solving acumen, and leadership qualities to navigate complex challenges. I will forever cherish the invaluable lessons, memorable experiences, and lasting bonds forged at VNRVJiet.

Karthik Surineni

18071A04H

VNR VJIET.

My Journey at VNR VJIET

"College is the best part of life" -this quote feels apt after looking back how the last 4 years of my life were. The journey from being a boy who just passed his +2 exams to becoming a graduate from the ECE department is filled with countless memories. From the excitement and nervousness of the first day on campus to the long nights spent studying for exams, every moment has shaped who I am today. There were challenges that tested my limits, friendships that blossomed into lifelong bonds, and experiences that taught me more than any textbook ever could. Each project, each class, and each interaction added a unique chapter to my story, making this journey unforgettable. Being a student at VNR VJIET provided me with a unique opportunity of working with people of different backgrounds, improving my skills and even showcasing them at various platforms. One of the best experiences of my college life was being a member of 'Team NSS', a social service club at VNR VIET. I joined the club in my second year, and over the next three years, we organized various activities. Initially, I was a shy person, but this opportunity was invaluable for my personal growth. It significantly enhanced my leadership and socializing skills, allowing me to interact with numerous social workers. Moving on to academics, we had a great time learning about multiple technologies and thanks to college's collaboration with online learning platforms like Coursera that made our learning journey easy. With guidance from faculty, we were able to take steps towards research, build projects with the latest technologies and even publish a couple of research papers.

The constant guidance and motivation provided at VNR VJIET played a major role in achieving our dreams whether it is regarding getting placed into a good organization or pursuing masters in the Dream University. When it comes to placements, the T&P department has played a key role in every placement offer. Right from the best-in-class training sessions till the post placement support they have left no stone unturned. An apt example would be their efforts in getting recruiters from core companies for placements and that is how I got placed into Qualcomm. This reminiscence would probably be incomplete without our cultural fest Sintillashuz and our clubs like Livewire, Crescendo. These clubs have never missed a chance to astonish us with their performances. It made our college life balanced with academics on one side and enjoyment on the other.

This 4-year journey at VNR VJIET has transformed me into a confident person who can take up new challenges. This transformation has helped me in handling my job responsibilities post college. With friendships for lifetime, tons of memories, lots of experiences this is Karthik signing off.

INDUSTRY INSTITUTE INTERACTION CELL ACTIVITIES

DEPARTMENT OF CSE-AIML & IOT

Industry Institute Partnership activities in the Department focus on bridging the gap between the academia and industry, to promote and nurtures industry interaction in various academic activities such as Curriculum Design, Teaching and Learning, Internships, Placements and Mentoring the students, faculty and the department as a whole for its holistic development.

1. Industry Advisory Board of CSE-AIML & IOT

S.NO.	Application	Organization Name	Name of Advisory	Profile Links
1.	Security in AIML	NIST	Dr. Ram D Sriram	https://www.linkedin.com/in/ram-d-sriram295b794
2.	IoT	Senior Consulting Professional in Manufacturing and IT Solutions with focus on Industry 4.0	Mr. Venkata Raman Vemuri	https://www.linkedin.com/in/venkata-ramana-vemuri-23bb771
3.	Artificial Intelligence	Tech Mahindra	Mr. N. R. Lohith, Senior Software Engineer	https://www.linkedin.com/in/lohith-n-r-23a721165
4.	Senior AI Engineer	Centific	Dr.Sreenivasulu Madichetty	sreea568@gmail.com, 798130224
5.	IoT	Qualcomm	Vinaykumar Ravikanti	Ravikanti.vinay@gmail.com, 9866666617
6.	Manager	Deloitte	Neeraj Singh	Neerajsingh910@gmail.com, 7013064156
7.	Senior Software Engineer	OpenText	Sai Goutham Boddireddy	Goutham1919br@outlook.com , 9908170008



Mr. V. Venkata Ramana, Founder Director – I4-VG, delivering a Guest Lecture on “PREPARING YOURSELF FOR EMERGING WORLD OF IOT” for II and III year IoT students on 30th January, 2023.



Dr. Ram Sriram, chief software and systems division, USA, delivering a Guest Lecture on “Interdisciplinary Applications of Artificial Intelligence and Machine Learning” for III year AIML & IoT students on 19th September, 2022.



Meeting with the Industry Advisory Board Members (Mr. Vinay Ravikanti, Qualcomm)



Meeting with the Industry Advisory Board Members (Mr. Neeraj Singh, Deloitte, Dr.Sreenivasulu Madichetty, AI Researcher Centific)

2. Industry Experts as BOS Members Curriculum Inputs from Industry:

- Industry Experts as Members of Boards of Studies

Year	Name of the Industry Expert	Associated Industry
2021 – 2024	Mr.Sangameshwar Reddy Senior Vice President	DP World , Hyderabad
	Ms. Sridevi Sira	Smart Bridge, 6th Floor, Sundarayya Vignana Kendram, Madhava Reddy Colony, Gachibowli, Hyderabad



Mr. Sangameshwar Reddy
Senior Vice President
DP World , Hyderabad



Ms. Sridevi Sira
Smart Bridge,
Sundarayya Vignana Kendram,
Gachibowli, Hyderabad

- **Industry Designed Courses**

Program	Course Name	Course Code	Program/Year of study	Industry involved
B.Tech CSE (AIML)	Object Oriented Programming Through Java	22PC1IT201	III Semester (B.Tech - R22 Regulations)	Mr. Sangameshwar Reddy
B.Tech. CSE (IOT)	Object Oriented Programming Through Java	22PC1IT201	III Semester (B.Tech.- R22 Regulations)	Mr. Sangameshwar Reddy

3. Industry Experts in Curriculum Delivery:

- **Expert/Guest Lectures by Industry Experts:**

S. No.	Name & Details of the person who delivered the lecture	Topic of the Guest Lecture	Dates of the Lecture	For whose benefit the lecture was organized	No. of students Attended
1.	Ms Lakshmi Vejanla Senior Project Engineer , Pantech private ltd, Hyderabad	Lung Cancer Detection using deep learning models	05-01-2024	II B.Tech AIML	65
2.	Mr. Nandkumar Saravade, Board Chairman, Founder, CEO, Mentor, ex- IPS, Strategy Advisor	Impact of AI on Cyber Security	12-12-2023	III B.Tech AIML & IoT	200
3.	Mr. Adbul Bari ,Udemy Instructor & Director ABP Ltd.	Multithreading in Java	05-12-2023	II B.Tech AIML & IoT	250

4.	Mr. Vamshi Muthyapu, Lead consultant at Infosys ,Infrastructure management cloud & Infrastructure Services	Applications of AIML in real time	14-11-2023	III B.Tech AIML & IoT	200
5.	Mr Ravi Kumar Mandala, Senior Software Engineer, LinkedIn, US.	Generative AI: Unleashing Artificial Creativity with ChatGPT	03-08-2023	IV B.Tech AIML & IoT	100
6.	Mr.Adbul Bari ,Udemy Instructor & Director ABP Ltd.	Dynamics of Algorithms	25-05-2023	II B.Tech AIML	180
7.	Mr Amresh Parida, Backend Engineer, Lyka Mobile, UK .Mr. Amresh Parida	Power Packed Webdev In 90 Minutes	01-02-2023	II B.Tech AIML & IoT	150
8.	Sri Venkata Ramana Vemuri, Founder Director of I4-VG Senior Consulting Professional in IT Solutions	Preparing Yourself for Emerging World of IoT	30-01-2023	II & III B.Tech IoT	118
9.	Dr. Nishanth Koganti, CEO, Designated Partner, ExaWizards India LLP	Intelligent Robots to Edge AI cameras: Lessons learnt as a Machine Learning Practitioner	19-01-2023	II B.Tech AIML & IoT	200
10.	Dr. V. Chandra Sekhar, Lead Engineer, Samsung R&D, Bangalore	Applied AI on Industrial Time series data	09-12-2022	III B.Tech AIML & IoT	130
11.	Dr. Ram D.Sriram,Chief Software & Systems Division,USA	Interdisciplinary Applications of Artificial Intelligence and Machine Learning	19-09-2022	III B.Tech AIML & IoT	100

12.	Sai Teja Polisetty, Software engineer JPMorgan& Chase	Hands-on with GITHUB Version Control System	04-07-2022	I B.Tech AIML & IoT	135
13.	Mr. Sangameshwar Reddy, Software Development Engineer ,Amazon	Current Trends in IT Industry	18-06-2022	II B.Tech AIML & IoT	150
14.	Mr. V. Venkata Ramana,Founder Director, I4 –VG	Exciting Prospects of IoT World	25-03-2022	II B.Tech IoT & AIML	120
15.	Mr.BalaPrasad Peddagiri, Principal Consultant at TCS	Industry expectation and Recent Trends in AIMI and IoT	06-01-2022	II B.Tech IoT & AIML	124



Mr. BalaPrasad Peddagiri delivered a session on “Industry expectation and Recent Trends in AIML and IoT”.



Mr Ravi Kumar Mandala, delivering the lecture on “Generative AI: Unleashing Artificial Creativity with ChatGPT”



Mr. V. Venkata Ramana, Founder Director –14-VG, delivering a Guest Lecture on “Preparing Yourself for Emerging World of IoT” for II & III year IoT students on 30th January 2023.



Dr. Nishanth Koganti delivering the lecture on “Intelligent Robots to Edge AI cameras: Lessons learnt as a Machine Learning Practitioner”

4. Industry Endorsement Course Delivery- WIT & WIL™

AY	No. of Endorsements by Industry	Industry details
2021-22	4	<ul style="list-style-type: none"> • Infosys • TCS • Factset
2022-23	6	<ul style="list-style-type: none"> • Infosys • Cognizant Technology Solutions • Purview • TCS
2023-24	6	<ul style="list-style-type: none"> • Oracle • Factset • Infosys • Cognizant Technology Solutions • Schrodinger

5. Certification Courses

- **Skill Enhancement through Certificate Courses:**

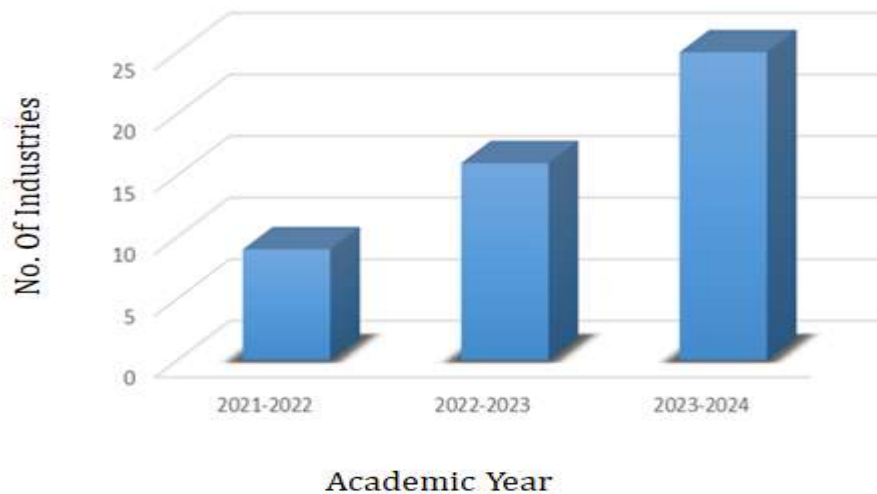
S.No.	Certification/Training	Industry Involved
1.	Problem Solving and Advanced Algorithms	Code Evolve and Excel Private Limited- Smart Interviews
2.	Amazon Web Services	Mr. Veera Reddy - Corporate Trainer.
3.	Ethical Hacking for Web Applications and Network	Hunt Matrics

4.	Cyber Security	Chandra Sekhar - Corporate Trainer.
5.	Cloud Computing Fundamentals	Google
6.	Salesforce - Administrator and Developer	Sales Force
7.	Java Full Stack	Wipro Technologies
8.	.Net Full Stack	Global Logic



Training on “Object Oriented Programming through Java” for AIML & IoT B.Tech Students

6. Industry Internships



- **List of Industries year wise:**

2023 -2024	<ul style="list-style-type: none"> • J.P. Morgan Services India Private Ltd • Hindustan Aeronautics Ltd • Microsoft India (R&D) Pvt. Ltd • EntiretyIn Pvt Ltd • Innominds • TCS (Tata Consultancy Services) • ACURATION PVT LTD • CISCO AICTE Virtual Internship • IBM SkillsBuild • InternPe • DRDO • Klvin Innovation Labs LLP • Tech Mahindra Ltd • Chubb Business Services India Pvt Ltd 	<ul style="list-style-type: none"> • BluSapphire Cyber Systems Pvt Ltd • Zenoti India Private Limited • MAVyK Business Solutions LLP • On Device Solutions Limited • Xairo Tech Private Limited • Franklin Templeton International Services India Pvt Ltd • ImageVision.ai • Ironwasp Information Security Solutions Pvt Ltd • Centella Scientific Pvt Ltd • Bharat Dynamics LTD • Google • INQUI-LAB Foundation • Proxzar IT Automation Solutions (P) Ltd • Volkswagen • GlobalLogic
2022 -2023	<ul style="list-style-type: none"> • EMERTXE • E&ICT Academy, IIT Kanpur, • Edunet Foundation in partnership with AICTE • ICONMA • Diginique TechLabs in collaboration with iHUB DivyaSampark at IIT Roorkee • HCL Technologies Ltd • Harman International (India) Pvt. Ltd 	<ul style="list-style-type: none"> • Reliance Jio Infocomm Limited • Rising Pharma Specialities Private Limited • Syntel Pvt Ltd • NRSC (National Remote Sensing Centre) • BOOKMATIC PRIVATE LIMITED, • Xamnation • Amazon Development Centre India Pvt. Ltd • InternPe
2022 -2021	<ul style="list-style-type: none"> • J. P. Morgan Services India Private Limited • Fosterate • Microsoft India (R&D) Pvt. Ltd • NMICPS-TIHAN-IIT HYDERABAD 	<ul style="list-style-type: none"> • FLIPKART • EMERTXE • Hexagon Capability Center • EntiretyIn • Innominds

7. Industrial Visits

Academic Year	Name of the Industries Visited
2023 – 2024	<ul style="list-style-type: none"> • INCOIS, Whisper valley, Pragathi nagar, Hyderabad
	<ul style="list-style-type: none"> • T-Hub, Hyderabad Knowledge City, Serilingampally, Hyderabad, Telangana 500081.
2022 –2023	<ul style="list-style-type: none"> • INCOIS, Whisper valley, Pragathi nagar, Hyderabad
	<ul style="list-style-type: none"> • Keerthi Industries Ltd, Balanagar, IDA, Hyderabad
	<ul style="list-style-type: none"> • VISTAN NEXTGEN, Madhapur, Hyderabad
2021 – 2022	<ul style="list-style-type: none"> • VISTAN NEXTGEN, Madhapur, Hyderabad



Students Industrial Visit to “INCOIS” on 26-12-2023



Students Industrial visit to “T-HUB”

8. Industry Experts in Evaluation

- Industry experts as external examiners in the UG, PG project evaluation and in the DRC of Ph.D scholars:

S.NO.	Industry Expert	Industry Association	Activity
1.	Mr. Surendra Mohan Juturu	Director, Suren's Infotech, Hyderabad	Evaluation of Problem statements at Hackathons
2.	Mr. N.R.Lohith	Lead RPA Developer Tech Mahindra	Scrutiny member at Selection of Major Projects-IoT Evaluation of Problem statements at Hackathons
3.	Mr. Teja Polisetti	Software Engineer, JP Morgan Chase, Hyderabad	Evaluation of Problem statements at Hackathons
4.	Dr. M.Venugopala Roa Manneni	Data Scientist/ General Manager, Mediva.io/Juxt Smart mandate Analytics	Evaluation of Problem statements at Hackathons
5.	Mr. Ch. K. R. V. N Suresh	Principal, Data Engineer, Rubus Digital Pvt. Ltd., Hyderabad	Evaluation of Problem statements at Hackathons
6.	Ms. Aradhana	Incubation Associate, GNITS, Hyderabad	Evaluation of Problem statements at Hackathons
7.	Mr. Atharva Mahesh Tendulkar	The Product Folks Core Team	Evaluation of Problem statements at Hackathons
8.	Mr. Srikar Vuthuri	Software Engineer, Salesforces, Hyderabad	Scrutiny member at Selection of Major Projects-AIML Evaluation of Problem statements at Hackathons
9.	Mr. M. Varun Kumar Goud	Scientist, Rocket Propulsion Modules Systems	Evaluation of Problem statements at Hackathons

10.	Ms. Kavya Vallabhaneni	Engineer, Silicon Labs	Evaluation of Problem statements at Hackathons
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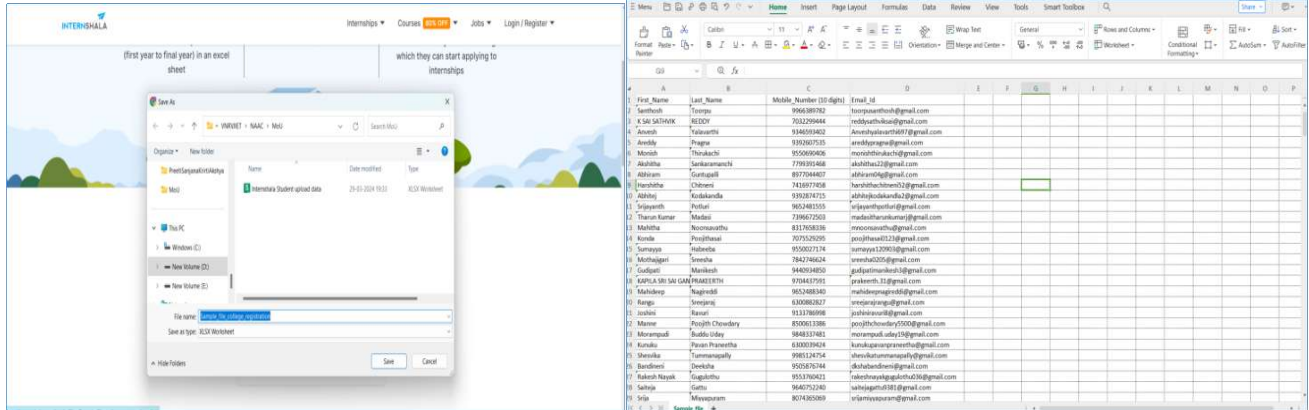
9. Industry MoUs

- MoUs are signed for possible collaboration in terms of Internships, field/site visits, hands on training employability opportunities and in faculty research.



S.No.	Name of the Institution / Industry	Year of signing	Duration (Years)	List of actual activities under MoU
1.	BLACKBUCKS EDUCATION PVT LTD	2024	3	Center of Excellence, Training on Latest technologies, Faculty Development Program
2.	INTERNSHALA	2023	1	Student Internship, Technical Courses
3.	VRS VIGNANA JYOTHI SCHOOL HYDERABAD	2023	1	Technical Training
4.	Thalassemia & Sick cell, Hyderabad	2019	3	Project Activities

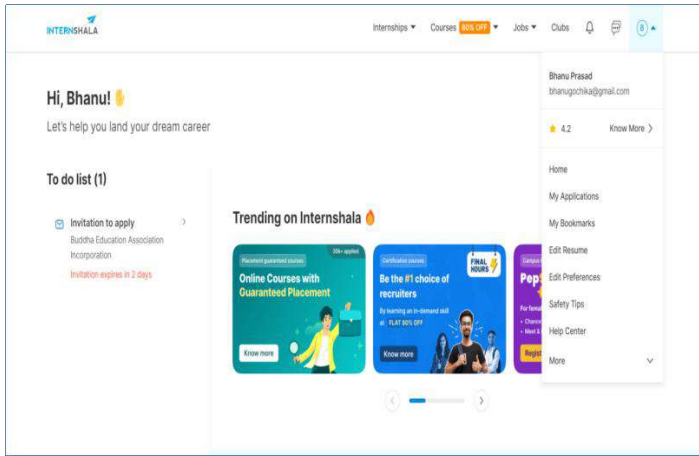
Impact:



MoU with Internshala: Bulk Student Upload Process

Student Name: G BHANU PRASAD

Registration Number: 22075A6618



My applications

COMPANY	PROFILE	APPLIED ON	NUMBER OF APPLICANTS	APPLICATION STATUS	REVIEW APPLICATION
Elysium Academy Private Limited	Ethical Hacker Internship	18 Mar '24	184	Applied	Review
The Overseas Consultant	Ethical Hacking Internship	10 Mar '24	197	Applied Boost application	Review
Prime Infoserv LLP	Telecalling Internship	7 Mar '24	309	Under review Boost application	Review
Emoolar Technology Private Limited	Cyber Security Internship	7 Mar '24	1264	Response unlikely Boost application	Review
Requin Solutions Private Limited	Subject Matter Expert (Cyber Security) Internship	1 Mar '24	159	Response unlikely Boost application	Review

Student Profile in Internshala

MoU with Internshala



Student Internships

10. Industrial Consultancy

Activity-1:

Period: August-2019 to Feb-2021

Organization Name: Thalassemia and Sickle Cell Society(TSCS), Hyderabad.

Type of activity: Industrial collaboration, Data sharing and Technology transfer between VNRVJIET and TSCS as part of TEQIP-III project granted from JNTU Hyderabad worth of Rs 3,00,000.

Tasks Performed:

- ❖ MoU is established between VNRVJIET and TSCS (Thalassemia and Sickle Cell Society, Hyderabad) with the duration of Oct-2019 to Sept-2022.
- ❖ Interaction with management, doctors and other personnel at TSCS.
- ❖ Data Sharing, Exploration of the environment and Technology Transfer between VNRVJIET and TSCS.
- ❖ Data Sharing and Technology Transfer in the form of application development and deployment for TSCS.
- ❖ The application developed as part of the project is shared to TSCS and is underutilization by the personnel at TSCS

Activity-2:

Period: July 2022 to June 2023

Organization Name: VRS School, Hyderabad.

Type of activity: Teaching and Training of AIML courses to the students of VRS School, Hyderabad and generated an amount of Rs. 2,50,000/- as a part of academic consultancy.

Courses Taught:

1. Artificial Intelligence.
2. Python Programming.

11. Testimonies - Success Stories



Ms. M. Krishna Priya from CSE-AIML got Placed at Microsoft with a highest CTC of 51 LPA and Ms. J. Spandana from CSE-IoT got Placed at Flipkart with a CTC of 32.5 LPA.



Mr. V. Madhu from CSE-IoT got placed in Darwinbox, the first placement of the department.



III year Student team of AIML has won in the Grand Finale - Smart India Hackathon (SIH) Software Edition 2023,an AICTE & MHRD initiative for the problem statement : Udyog Sarathi App(Progressive web based application for adults undergoing job coaching for opportunities under 4% reservation in NIEPMD and other institutions) & the team received a cash prize of Rs. 50,000/-



Mr. A. Aditya Srinivas, IV year CSE-AIML student got a score of 142 rank at GATE, 2024.



Department of CSE-AIML & IoT in collaboration with CSE(DS,CyS,AI&DS) hosted the Grand Finale Smart India Hackathon 2023. AICTE professionals namely Mr.Yogesh Wadhavan, Nodal Center Head, Mr. Shiva Siripolu, Nodal Center Coordinator, and Technical Experts from Ministry of Jal Shakthi, Design Mentors joined hands.



AIML and IoT students clinched the first prize at the Kabaddi tournament hosted by HITAM and Mallareddy College.



Mr. T. Venkata Manish from IV year AIML, bagged First prize at Volkswagen's i.Mobilothon 3.0 Hackathon conducted by Volkswagen Group and received a Prize Money of 1 Lakh rupee in the project domain of Generative AI.



B.Tech II year AIML student team are having a start-up at VJHUB on the project “Image De-hazing/De-smoking using Generative Adversarial Networks”



Academic Consultancy at VRS School, Hyderabad.

12. Industry Institute Research Collaboration

- **Research Publications with Industry Collaboration:**

S.No.	Title of the paper	Name of faculty author	Name of author from Industry With designation and organization	Name of the journal	Year of publication	ISSN Number	No. of Citations
1.	Supervised SVM Classification of Rainfall Datasets	Dr.N. Sandhya	Raghav Mehra,wells fargo,Proj Project manager,	International Journal of Recent Technology and Engineering	2019	2277-3878	3
2.	Prediction of Anaemia Disease Using Classification Methods	Dr.Sagar Yeruva	S.Jain, secretary and CEO of TSCS	ICACECS	2020	978-33-4046-6	4
3.	Crop Recommendation System Using Machine Learning and IoT: A Survey	Mr. K. Kishan Babu	Akkem Yaganteeswarudu,Data scientist , Deloitte	7th International Conference on Innovative Computing and Communication	2024	2367-3370	0

13. Industry scholarships/support

- **Industry Student Scholarship:**

S.No.	Sname	Roll Number	Year	Branch	Industry Name
1.	Palliyana Shabarish	22071A66B2	2nd	CSE-AIML	Blue Star Foundation, Mohan T Advani Centennial Scholarship

14. VJ HUB - START-UP

S. No.	Name of the Startup	Startup Category Product/Service	No.of Students/Faculty benefited	Industry Mentor	Outcomes
1.	Level Innovations Pvt.Ltd	Ed-tech Startup	15	WE hub	Level is a digital platform for all the teachers and learners out there. Foundation of LEVEL APP, a Topic Learning and Teaching Platform. https://levelapp.in/
2.	Sarvadrushti	Product	7	-	Design a real-time AR/VR goggle system for firefighters to enhance scene visualization and reduce smoke obstruction.

**DEPARTMENT
OF
ELECTRONICS AND INSTRUMENTATION
ENGINEERING**

INDUSTRY INSTITUTE INTERACTION CELL ACTIVITIES

Industry Institute Partnership activities in the Department focus on bridging the gap between the academia and industry, to promote and nurtures industry interaction in various academic activities such as Curriculum Design, Teaching and Learning, Internships, Placements and Mentoring the students, faculty and the department as a whole for its holistic development.

1. Industry Advisory Board of Electronics and Instrumentation Engineering



**Narendra Dhenuvakonda
Automotive Senior Engineering Manager
at Hyundai MOBIS, Hyderabad**



**Mr. Sudhir Reddy,
CEO, Jay Robotics India Ltd.,
Hyderabad**



**Mr. K. Bapuji,
CEO Appleton Innovations, Hyderabad**

2. Industry experts in Curriculum Design:

Industry experts as Members of Boards of Studies

Year	Name of the industry expert	Associated Industry
2017 – 2021	Mr. G. Premchand, Founder	Sorokosoft India Pvt. Ltd., Hyderabad
	Dr. T. C. Sharma, Former Director	NRSA, Hyderabad
2021 – 2023	Ashok Kumar Jha, Engineering Director	M/s ZF India Pvt. Ltd., Hyderabad
	Mr. V. Sandeep, Managing Partner	M/s Arcedo Systems Pvt. Ltd., Hyderabad



Ashok Kumar Jha,
Engineering Director,
M/s ZF India Pvt. Ltd.,
Hyderabad



Mr. V. Sandeep,
Managing Partner,
M/s Arcedo Systems Pvt. Ltd.,
Hyderabad

3. Courses Developed by Industry

Program	Course Name	Course Code	Program/Year of study	Industry involved
B. Tech	Pharmaceutical Instrumentation	5EI78	IV Year	M/s ELICO Ltd
B. Tech	Instrumentation for Agriculture and Food Processing Industries	18PE1EI08	IV Year	M/s Acron Embedded Systems

4. Industry experts in Curriculum delivery:

- **Courses delivered by Industry experts:** Experts are invited to deliver course contents in core/professional elective courses.

S. No	Name of the Course	Expert from Industry
1.	Process control Instrumentation	Mr. Yogesh Kumar Bhatnagar Automation Engineer, Worley Pearson India Ltd
2.	Internet of Things	Dr.Manish Jain Corporate trainer, IFDE Info Tech
3.	Biomedical Instrumentation	Mr. Harish Krishna, HR Manager-Harvey Bio-Medical, Bangalore.
4.	Virtual Instrumentation	Mr. Ajit Choudhary, Associate IT Consultant, ITC Infotech India Ltd, Pune
5.	Robotic process automation	Mr. Manjunath Chandrasekhar Program Manager Blueprism
6.	Control Systems	Mr. R.V. Saradhi Engineer Kuwait Oil Company
7.	Internet of things	Mr. Bapuji Kanaparthi CEO, Appleton Innovations
8.	Microprocessors and Micro Controllers	Mr.Mahesh Patil, Technical Director, CDAC
9.	Sensors and Signal Conditioning Circuits	Mr. Ayyagari Vinay Kumar Scientist/ Engineer ('SD'), ISRO
10.	Introduction to Internet of Things	Dr. S V Srikanth Joint Director, CDAC, Hyderabad
11.	Artificial Intelligence(Open Elective)	Mr. Kolli Sarath CEO, Boltzmann and Bayes
12.	Introduction to Internet of Things	Mr. Bapuji Kanaparthi CEO, Appleton Innovations.

13.	Microprocessors and Microcontrollers	Mr. P. Visweswara Rao Senior embedded Engineer, Kits cart Innovations
14.	Internet Of Things	Dr. S V Srikanth, Joint Director, CDAC, Hyderabad

5. Expert/Guest lectures by Industry Experts

AY2017-18

S. No.	Name of the Resource person	Designation & Organization	Topic	Venue	Date	No. of students/Faculty benefited	Outcomes
1	Dr.S.V.Srikanth	Member of the national ubiquitous computing research resource centre	A walk through IoT: Architecture protocols case studies	Block seminar hall	21/03/2018	40	Got exposure on IoT and protocols
2	Mr.D.Ravindranath	Former Associate vice president, M/s Vedantha Aluminium Limited, Odisha.	Relevance of engineering process and manufacturing Industry	Block seminar hall	29/01/2018	40	Got to know how the instrumentation will be helpful in process industries

3	Mr. Yogesh Kumar Bhatnagar	Automation Engineer, Worley Pearson India Ltd	Process control Instrumentation	C-302	27/01/2018	65	Got research ideas and industrial exposure to subject
4	Mr. Ankit Baheti	Senior Scientist Formulation Dr.Reddy's Laboratory, Hyderabad	Applications of pharmaceutical in Instrumentation Engineering and their Environmental aspects	C-201	18/11/2017	60	Got to know applications of instrumentation in pharma industry and career opportunities
5	Mr. R.V. Saradhi	Engineer Kuwait Oil Company	Instrumentation in oil and gas industry	B-313	21/08/2017	100	Industry exposure

AY2018-19

S. No	Name of the Resource person	Designation & Organization	Topic	Venue	Date	No. of students /Faculty benefited	Outcomes
1	Mr. Vangala palli Sandeep	Founder and CEO of Arcedo Systems	Solar Energy and Its Importance	C-201	15/09/2018	95	The importance of renewable energy sources

2	Mr. Yogesh Kumar Bhatnagar,	Senior Control & Instrumentation Engineer, at WorleyParsons India Ltd, Singapore (Hyderabad branch).	Instrumentation in Oil & Gas Industries	B-block seminar hall	22/09/2018	95	the role of instrumentation engineer in industries
3	Dr.Manish Jain	Corporate Trainer, IFDE Info Tech, Gwalior.	Introduction to IoT and its block chain application	B-block seminar hall	26/12/2018	85	the importance of IoT with traditional technologies
4	Mr. Harish Krishna	HR Manager-Harvey Bio-Medical, Bangalore.	Scope of Bio-Medical Engineering and the importance of skill training”,	C-204	9/3/2019	85	Biomedical instruments working

AY2019-20

S. No.	Name of the Resource person	Designation & Organization	Topic	Venue	Date	No. of students/Faculty benefited	Outcomes
1	Mr.Ajith Choudary	Senior Vision development officer, Opto Mech PVT LTD	Virtual Instrumentation	B-block seminar hall	12/7/2019	70	Job opportunities in VI
2	Mr.M. Prashant	Engineer, Advanced system Laboratory at DRDO.	Instrumentation in Missile Launch	C-301	20/07/2019	65	Role of Instrumentation in missile launch
3	Mr. K Rama Krishna Reddy	SMTS Design Engineer,	CPU Benchmarking	B-block seminar	31/08/2019	80	The basics of computer organisation

		AMD India Pvt Ltd, Bangalore		ar hall			
4	Mr. Manjunath chandrasekhar	Program Manager, Blueprism	Robotic process automation	B-block seminar hall	20/12/2019	95	Automation with robotics

AY2020-21

S. No.	Name of the Resource person	Designation & Organization	Topic	Venue	Date	No. of students/ Faculty benefited	Outcomes
1	Mr. Yogesh Kumar Bhatnagar	Automation Engineer, Worley Pearson India Ltd	Importance of Instrumentation Engineer in Industries	Online	19/09/2020	80	Career Opportunities
2	Mr. Viswanath Rama Krishna	Engineering manager, Eaton corporation	Automation of Industrial Processes	Online	14/09/2020	80	Research Ideas & Challenges in automation industries
3	Mr. Chetan Chavan	Senior R&D Engineer Medha servo Drives Pvt ltd	Instrumentation in R&D	online	20/12/2020	90	Research Innovations
4	Mr. Ajit Choudhary	Senior Engineer-Vision Development, Optomech Engineers Pvt Ltd	Integration of hardware with LabVIEW	online	24/12/2020	70	Exploration of Arduinio UNO, Raspberry Pi with LabVIEW
5	Mr. T.S.N.V. SATYANA RAYANA	Engr/scientist SHAR, ISRO	Research Projects in ISRO	online	12-05-2020	60	Career Opportunities in ISRO

			related to Instrumentation				
6	Mr. R.V. Saradhi	Engineer Kuwait Oil Company	Control Operations in Oil and Gas Industry	online	22/07/2021	72	clear idea on control operations
7	Mr. Bapuji Kanaparthi	CEO, Appleton Innovations	Applications of IoT	online	30/06/2021	82	Students able to do major projects on IoT

AY2021-22

S. No.	Name of the Resource person	Designation & Organization	Topic	Venue	Date	No. of students/Faculty benefited	Outcomes
1	Mr. Ayyagari Vinay Kumar	Scientist/Engineer ('SD'), ISRO	Sensors In IoT	C-204	23/10/2021	90	Students had gain knowledge on what are the sensors we are using in IoT.
2	Mr. Mahesh Patil	Technical Director, CDAC	ARM Cortex-M3 Exception Programming	C-205	01-06-2022	72	few topics in subject were delivered to students
3	Mr. Ajit Choudhary	Associate IT Consultant, ITC Infotech India Ltd, Pune	Integration of LabVIEW with various platforms	B-block seminar hall	18/06/2022	90	compatibility of various softwares with LabVIEW
4	Mr. Sashank Katta	Product development Engineer Intel India Pvt Ltd	Product and Test Development	B-block seminar hall	25/06/2022	60	VLSI career Opportunities

		Bangalore					
5	Mr. Kolli Sarath	Boltzmann and Bayes Labs Bangalore	Introduction to Artificial Intelligence	KS Auditorium	07-02-2022	90	Basic Knowledge on Artificial Intelligence



Mr. Yasho Nagaraju, Joint Director, C-DAC Hyderabad delivering a Lecture on **“TRENDS IN VLSI DESIGN & VERILOG HDL”**



“IoT: The heartbeat of Modern Electronics and Instrumentation”. By Mr.K.Bapuji

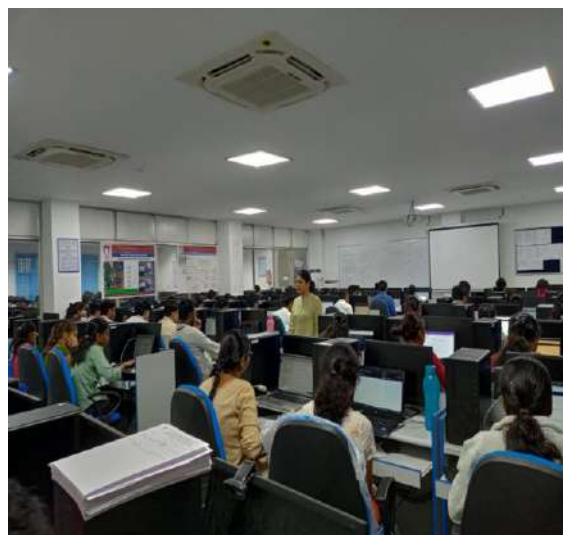
6. Industry Endorsement Course delivery- WIT & WIL™

AY	No. of endorsements by industry	Subject Name	Industry details
2018-19	2	<ul style="list-style-type: none"> Process Control Instrumentation Switching Theory and Logic Design Electronic Circuit Analysis Linear and Digital IC 	<ul style="list-style-type: none"> M/s Neuland Laboratory, R&D Division, Hyderabad M/s Sorokosoft India Pvt Ltd, Hyderabad Awicon Automated Wireless control, Hyderabad M/s Acron Embedded System Pvt. Ltd., Hyderabad
2019-20	5	<ul style="list-style-type: none"> Sensors and Signal Conditioning Biomedical Instrumentation Process Control Instrumentation Principles of Nano Technology Robotics and Automation Fundamentals of Robotics 	<ul style="list-style-type: none"> M/s Tata Projects Ltd., Bangalore M/s Eswar Medical Equipment Services, Hyderabad M/s Yokogawa India Ltd., Bangalore M/s Confidence Hospitals., Guntur M/s Pentagram Research Center, Hyderabad
2020-21	6	<ul style="list-style-type: none"> Electronics Measurements Opt. Ele. Laser Instrumentation Power Plant Instrumentation Signal Conditioning Circuits Signals and System Electronic Circuits I Industrial Instrumentation Principles of Measurements and Instrumentation Embedded Systems 	<ul style="list-style-type: none"> M/s RINL, Vizag M/s Yokogawa India Ltd, Bangalore M/s India Medtronics Pvt. Ltd., Hyderabad M/s Acron Embedded System Pvt. Ltd., Hyderabad M/s Worley Systems, Bangalore M/s Sathavahana Ispat Ltd., Hyderabad
2021-22	4	<ul style="list-style-type: none"> Internet of Things Electronic Circuits I Virtual Instrumentation Principles and application of Nano Technology 	<ul style="list-style-type: none"> M/s IFDE Infotech, Gwalior M/s Elegent Embedded Solutions, Hyderabad M/s Optomech, Hyderabad M/s Apt X enterprise, Hyderabad
2022-23	1	PC Based Instrumentation	<ul style="list-style-type: none"> M/s Cybernatics Ltd., Hyderabad

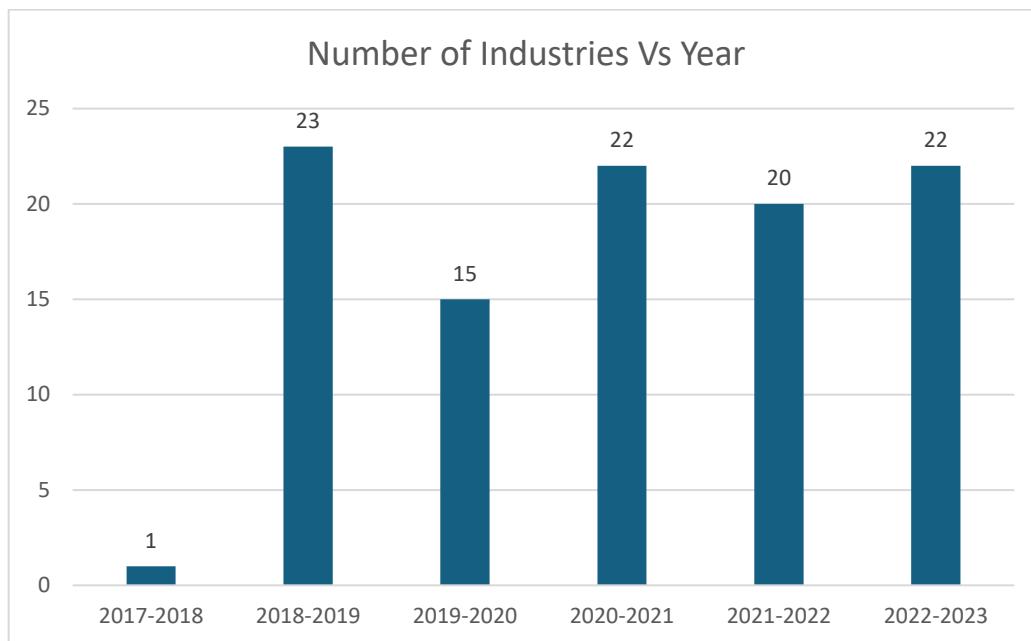
7. Certification courses

Skill Enhancement through Certificate Courses

S.No.	Certification/Training	Industry Involved
1	Python Programming	IFDE Info Tech
2	Internet of Things	ORL Industries
3	Robotics	Venky's Vision IT solutions
4	Problem Solving Through OOPS	Hoder Solutions Pvt. Ltd.
5	Web Technologies – Front End	Santhi Sudha Associates
6	Data Structures and Algorithms	Edyst



8. Industry Internships



9. Industrial Visits

Academic Year	Name of the Industries Visited
2022 – 2023	<ul style="list-style-type: none"> • M/s L & T Metro Rail, Hyderabad
2021 – 20 22	<ul style="list-style-type: none"> • M/s. Polmon Industries, Hyderabad
2019 – 2020	<ul style="list-style-type: none"> • M/s. Mylan Laboratories Ltd.
	<ul style="list-style-type: none"> • L & T Metro Rail, Hyderabad
	<ul style="list-style-type: none"> • M/s. Hindustan Coca-Cola Beverages, Hyderabad
2018 – 2019	<ul style="list-style-type: none"> • M/s. Mylan Laboratories Limited (Unit-2, Astrix)
	<ul style="list-style-type: none"> • M/s. Hindustan Coca-Cola Beverages



Visit to M/s. Hindustan Coca-Cola Beverages, Hyderabad



Visit to M/s. Mylan Laboratories Ltd.



Visit to M/s. L & T Metro Rail, Uppal, Hyderabad”



Visit to M/s. Polmon Industries, Hyderabad



Visit to M/s. Hindustan Coca-Cola Beverages,
Hyderabad

10. Industry experts in Evaluation:

Industry experts as external examiners in the UG and PG project evaluation

Year	Industry Expert	Industry Association	Program
2017-18	Dr. Lakshmi Prasad	M/s ELICO	B.Tech
2018-19	Mr. G. Premchand	M/s Sorokosoft	M. Tech
2021-22	Mr. D. Narendra	M/s Hyundai Mobis India Ltd.	B. Tech
2022-23	Dr. K. Chandrasekar Reddy	DRDL	B. Tech
	Mr. S. Sudheer Reddy	Jay Robotics Pvt Ltd	B. Tech

11. Industry MoUs

MoUs are signed for possible collaboration in terms of Internships, field/site visits, hands on training employability opportunities and in faculty research.



S.No.	Name of the Institution / Industry	Year of signing	Duration (Years)	List of actual activities under MoU
1.	M/s National Instruments, Bangalore	2012	Life time	Certificate Course, Academic Projects Guidance
2.	M/s Acorn Embedded Systems Pvt Ltd, Hyderabad	2017	3	Training
3.	M/s Sorokasoft India Pvt.Ltd., Hyderabad	2017	3	Internships, Guest lectures, Industry support labs
4.	M/s Jay Robotix Pvt. Ltd., Hyderabad	2018	3	Internship, Training and Placements
5.	M/s Polmon Instruments Pvt. Ltd., Hyderabad	2018	3	Training and Placements
6.	M/s PujRoh Innovative Technologies Pvt. Ltd., Hyderabad	2019	5	Training and Placements

7.	M/s Anewa engineering pvt. Ltd.	2019	2	Internship and Training
9.	M/s Aurdinnov Botix Tech. Pvt. Ltd., Hyderabad	2021	1	Product Development and consultancy
11.	M/s ZF India Pvt. Ltd., Hyderabad	2023	1	Training, Internship and Placements
12.	M/s NutriHub, Indian Institute of Millet Research, Hyderabad	2023	1	Product Development and Joint Patents



MoU with M/s Sorokasoft India Pvt. Ltd., Hyderabad



MoU with M/s Pujroh Innovations Pvt Ltd, Hyderabad



MoU with M/s Polmon Instrument Pvt. Ltd., Hyderabad



MoU with M/s ZF India Pvt Ltd, Hyderabad

12. Industry Supported Laboratories

National Instruments Academy Lab



13. Industrial Consultancy

CONSULTANCY / TESTING:

Industry Name: Aurdinnov Botix Technology Pvt. Ltd.

Location : Hyderabad

- ❖ A new product, SOHYMAC 25. V1, a tabletop level organic water disinfectant solution manufacturing machine has been developed to produce 100 % organic and ecofriendly liquid - as per WHO norms- that has multiple domestic and commercial applications
- ❖ The SOHYMAC – 25.V1 model can produce 25 liters of concentric solution in 8 Hours. The device can be operated up to 16 hours a day with at least four hours break between the batches with 1 to 1.2 Units of power consumption per batch
- ❖ Novel Smart Automated Power Control Technology (NSAPC)



SUCCESS STORIES

1. Teaching learning pedagogy WIT & WIL (Why am I Teaching -What I am Teaching; Why am I Learning -What I am experts leading to better understanding of the courses yielding improved graduate outcomes.
2. 356 number of Summer internships and 18 number of *Industry Oriented* Learning scenarios of all the courses across the programs are endorsed by relevant Industry
3. 103 number of industries have offered *Mini Projects*/ Summer internships to the students in the assessment period.
4. Industry expert Dr. M. N. Reddy, Rtd. Scientist 'F', DRDO is involved in project development as *Adjunct professor* and mentoring the Department faculty in research.
5. 25 number of guest lectures are delivered by industry experts in the last five years (2017-2023)
6. An amount of Rs. 10.10 lakhs generated from the *industrial consultancy* in the assessment period
7. Electronics and Instrumentation Engineering Alumni as Entrepreneurs

Details of Entrepreneurs				
S.No.	Name of the student	Enrollment No.	Name of the Company	Registration Date
1	Raman Teja Venigalla	12071A1058	IBS GLOBAL, Poland	07-05-2020
2	Srujan Panuganti	12071A10A2	Xairo Tech Pvt. Ltd., Hyderabad	26-12-2023

Alumni Entrepreneur Testimonials:

Mr. V. Sandeep
Co founder,
M/s Arcedo Systems,
Hyderabad

Reflecting on my journey as an entrepreneur, I can confidently say that my time at VNRVJIET played a pivotal role in my success. The Electronics & Instrumentation program equipped me with the technical skills and critical thinking abilities that are essential in the tech industry. I am immensely grateful for the opportunities and support I received, which laid the foundation for Arcedo Systems.

Raman Teja Venigalla ,
Chief Technology Officer, IBS Global, Poland
Managing Director, Physitech Consultancy Services Pvt Ltd, India

I am delighted to share my heartfelt testimonial for VNR Vignana Jyothi Institute of Engineering and Technology (VNRVJIET), an institution that has played a pivotal role in shaping my professional journey. I had the privilege of pursuing my B.Tech in Electronics and Instrumentation Engineering (EIE) at VNRVJIET from 2012 to 2016. During my time at the institute, I received immense support and guidance from the faculty and management, which significantly contributed to my growth and success.

One of the most notable aspects of VNRVJIET is its unwavering commitment to fostering entrepreneurship among students. It was during my tenure at the institute that I established my first startup. The encouragement and resources provided by the faculty and management were instrumental in bringing my entrepreneurial vision to life. Their support went beyond the classroom, extending into the realms of practical application and real-world experience.

Moreover, VNRVJIET's vibrant student ecosystem provided me with numerous opportunities to engage with and contribute to the community. I had the privilege of working closely with fellow students, offering internships and mentorship to many aspiring engineers. This collaborative environment not only enhanced my leadership skills but also allowed me to give back to the institution that had given me so much.

The innovative initiatives at VNRVJIET, such as shadow engineering, mirror engineering, show & tell, and open-house events, have proven to be invaluable for the overall development of students. These programs provide practical exposure, encourage creativity, and foster a spirit of inquiry and exploration among students. They are essential for bridging the gap between theoretical knowledge and practical application, preparing students for the challenges of the professional world.

Additionally, the VJHUB Technology Incubator deserves special mention for its role in nurturing student startups. This initiative has created a conducive environment for young entrepreneurs to thrive, providing them with the necessary resources, mentorship, and support to turn their innovative ideas into successful ventures.

In conclusion, my experience at VNRVJIET has been profoundly transformative. The institute has not only equipped me with the technical skills and knowledge required for my career but also instilled in me a sense of confidence, resilience, and entrepreneurial spirit. I am deeply grateful to VNRVJIET for its unwavering support and dedication to student success. It is an institution that truly stands out for its commitment to excellence in education and innovation.

Mr. Srujan Panuganti
Founder
M/s Xairo Tech Private Limited
Hyderabad

I'm a founder and Robotics engineer for Xairo, a Robotics and AI company. Without any hesitation I clearly attribute the foundation stone for my interest in Robotics to the time I spent in Department of Electronics and Instrumentation Engineering. Here is also where I found my perfect co-founder for my enterprise. I also clearly attribute my capstone project during my final year at VNRVJIET as the first step I took in my career to become an entrepreneur. I am really happy to receive the extreme support and encouragement from the department in my journey years later after my graduation too.

DEPARTMENT OF INFORMATION TECHNOLOGY

INDUSTRY INSTITUTE INTERACTION CELL ACTIVITIES

Industry Institute Partnership activities in the Department focus on bridging the gap between the academia and industry, to promote and nurtures industry interaction in various academic activities such as Curriculum Design, Teaching and Learning, Internships, Placements and Mentoring the students, faculty and the department as a whole for its holistic development.

Industry Advisory Board of Information Technology

- 1. Subrahmanyam Kolluri, Director, Engineering at VMax E-Solutions**
- 2. Rajiv Kumar Degala, Group Manager Oracle India Pvt. Ltd**
- 3. Dr. Manasa Devi, Data Scientist, The ASCENT Group Ltd**
- 4. Vamshi muthyapu, INFOSYS**
- 5. K Lakshman Srikanth, Phenom**
- 6. M. Venkat, Cybervie**

1. Industry experts in Curriculum Design:

Industry experts as Members of Boards of Studies

Year	Name of the industry expert	Associated Industry
2017 – 2021	Mr. K. Subramanian, Engineer Manager	Microsoft, Hyderabad
2021 – 2023	Mr Rajiv Kumar Degala, Group Manager	ORACLE India Pvt Ltd, Hyderabad
	Mr. K. Subramanian, Engineer Manager	ACCENTURE, Hyderabad



Mr. Subramanian Kolluri
Director Engineering & Delivery
VMAX E-SOLUTIONS INDIA PRIVATE LIMITED



Mr. Rajeev kumar Degala
Group Manager
Oracle India Pvt. Ltd

• Industry designed courses

Program	Course Name	Course Code	Program/Year of study	Industry involved
B.Tech. (IT)	Introduction to Application Development with C#	19OE1CS12	VIII Semester (B.Tech.-R19, Regulations)	Cognizant
B.Tech. (IT)	Introduction to Application Development with Java	19OE1CS13	VIII Semester (B.Tech.-R19, Regulations)	Cognizant
B.Tech. (IT)	Introduction to Application Development with Python	19OE1CS14	VIII Semester (B.Tech.-R19, Regulations)	Cognizant

2. Industry Experts in Curriculum delivery:

- Courses delivered by Industry experts:
- Expert/Guest lectures by Industry Experts

S.No.	Name & Details of the person who delivered the lecture	Topic of the Guest Lecture	Dates of the Lecture	For whose benefit the lecture was organized	No. of students Attended
1	Manohar Bandaram, CEO, Sensworks Systems India private limited, Hyderabad	Guest lecture on Introduction to Internet of Things	4-9- 2018	III B.Tech and IV B.Tech students	73
2	Mr Ravi Kishore Koppuravuri, Technical Officer, C-DAC, Hyderabad	Guest lecture on Linux Internals-IPC Concepts	29-9- 2018	III B. Tech students	51
3	Boddu Kishore Kumar, Chief Technical Officer, from Kernel Masters Hyderabad	LINUX SOCKET Programming	26-10- 2019	III B. Tech students	158
4	Mr. Arpit Deepak Yadav, Artificial intelligence and Machine Learning Researcher at tensor Brew, Hyderabad	Artificial Intelligence and Machine Learning	14-2- 2020	III B. Tech students	214
5	B.V Ajithesh Gupta, Software Development Engineer-II, Microsoft, Hyderabad.	Microsoft Azure	19-06- 2020	III B. Tech students	189
6	Ravi Kishore Koppuravuri, Principal Technical Officer, C- DAC, Hyderabad	Block Chain Technology	26-09- 2020	III B. Tech students	167
7	Mr. Kirankumar Reddy, Bana Engagement Delivery Lead, CIS Digital Workplace Services	Cloud Infra Structures Services	20-5- 2020	III B. Tech students	216

8	Dr. Singu Siva Naga Malleswara Rao, Associate Manager, Accenture, Hyderabad	Career and Hiring Trends	5-12-2020	II and III B.Tech students	168
9	Param Melarcode, Program and Project Management Professional, Toronto, Ontario, Canada.	Career and Hiring Trends	6-2-2021	II and III B.Tech students	209
10	G.V Sesha Reddy, Technical Officer, Cognizant, United States	Data Ingestion ETL Process	30-1-2021	III B.Tech students	192
11	Ravi Kishore Koppuravuri, Principal Technical Officer, C-DAC, Hyderabad	Web Application Security	30-1-2021	III B.Tech students	209
12	Dr Srinivasa Rao Perla, Senior Manager, Cyient, Hyderabad	Professional Growth and Development	12-12-2020	II B.Tech students	180
13	Kamal Bhushan Dasari, Trainer, Traffic sources Hyderabad	Artificial Intelligence and Machine Learning Tools	12-2-2021	III B.Tech students	214
14	Dr Kosaganti Srinivasa Rao, Principal Systems Architech in Tech Mahindra, Hyderabad.	Big Data	11-12-2021	III B.Tech students	137
15	Sai Teja Reddy Akavaram, Program Manager at Microsoft, Hyderabad	Project Management and Development	17-7-2021	III B.Tech students	197
16	Mr. Venkatesh Maineni, CEO and founder of Cyber-a cyber security company at Hyderabad.	Cyber security and basic tools and significance of Cyber security	16-6-2022	III B.Tech students	124
17	Lakshmi Sneha Sonti, Senior Software Engineer at Siemens, Hyderabad.	Real Time IT & Agile Methodology	23-10-2021	III B.Tech students	156

18	Param Melarcode, Program and Project Management Professional, Toronto, Ontario, Canada.	Career and Hiring Trends	2-7-2022	III B.Tech students	150
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- **Industry Endorsement Course delivery- WIT & WIL™**

AY	No. of Eendorsements by Industry	Industry Details
2017-18	8	Berry IT Services Moxie Solutions Pvt. Ltd. Wipro Limited
2018-19	9	TCS Quick Heal Technologies Pvt. Ltd DATUM Solutions
2019-20	10	Infosys Future Tech Instruments Pvt. Ltd. Capgemini
2020-21	7	Americal Express India Innofab Private Ltd. AMD Inc.
2021-22	12	Legato Health Technologies Accenture Technologies Hindalco Industries
2022-23	14	DXC Technology Citus Technologies Cognizant
2023-24	18	IBM India Pvt. Ltd. Virtusa Wells Fargo NTT Communications Legato Health Technologies

- **Certification courses:**

Skill Enhancement through Certificate Courses

S.No.	Certification/Training	Industry Involved
1	AI, DS using R & Python	M/s Samriddhi Solutions

2	Advanced Coding	M/s Being Zero Pvt Ltd
3	Mobile App development	M/s RVJ Techno Solutions
4	Data Science	M/s Excel R Solutions
5	Python programming	M/s Techno Soft
6	Advanced Coding Skills	M/s Being Zero Pvt Ltd
7	Data Science Phase-2	M/s Excel R Solutions
8	Advanced Python programming	M/s Samriddhi Solutions
9	Data Structures and Algorithms	M/s Smart Interviews
10	Full Stack Front End	M/s Visual Path Solutions
11	Full Stack Web Development	M/s Being Zero Pvt Ltd
12	Network Infrastructure Security	M/s Berry IT Services Pvt Ltd
13	Front end technologies -1	T. Rajesh, Sr. Corporate trainer
14	Front end technologies -2	T. Rajesh, Sr. Corporate trainer
15	Mean Stack Web Development	T. Rajesh, Sr. Corporate trainer
16	Competitive coding skills - phase 1	M/s Smart Interviews
17	Competitive coding skills - phase 2	M/s Smart Interviews
18	Advanced Coding Skills	M/s Smart Interviews
19	Amazon Web Services (AWS)	M/s 360 DigiTMG
20	Cyber Security	M/s BERRY9 IT SERVICES PVT LTD



Guest Lecture by Mr.Sathish for II B.Tech IT Students on REST API



Guest Lecture by Mr.R.Srikanth for III B.Tech IT Students on Practical Design Thinking



Art of Living session for I B.TECH IT Students



Mind Power & Management session to III IT Students by Sakha Dasa, Hare Krishna Movement

• Industry Internships

A.Y	B.Tech	M.Tech
2017-18	44	9
2018-19	50	2
2019-20	51	3
2020-21	170	1
2021-22	161	7
2022-23	144	3

List of Industries year -wise

2021-2022	<ul style="list-style-type: none">• Amazon• JPMC• Cognizant• Collins Aerospace• ORACLE• NCR Corporation• TCS• Wipro• COM4 IT Services• ADP Private Limited• ACS Solutions• Accolite Digital• Kn Soft Solutions• inroad• drawinbox• State Street• SourceOne• Acciojob• Inncircles• IndiFarms• MY ECO SOUK• COM4 IT Services• Muralytic• Datafoundry• Constella intelligence private limited• Saint Louis University• AUDINTEL• Toggle Technology
2020-2021	<ul style="list-style-type: none">• Amazon• JP Morgan• Cognizant• Service Now• Thomson Reuters• NCR Corporation• Quantel Software Solution• Deloitte• EY Company

	<ul style="list-style-type: none"> • Webleapps • TA Digital • DXC Technology • Swiftpim • Epam Sytems • Paypal • Drawinbox • CtrlS/Cloud 4C • Ram Group • TCSL
2019-2020	<ul style="list-style-type: none"> • NCR Corporation • THOMSON REUTERS • Deloitte • Capgemini • TCS Accelerator • MAQ software • Urban Rider • AUDINTEL INDIA PRIVATE LIMITED • AMD • STORYtech • EPAM System • Cognizant Academy • INTRINSIC IT SOLUTIONS PVT LTD (DMR)
2018-2019	<ul style="list-style-type: none"> • NCR Corporation • Deloitte • TCS Remote • Mroads • Applaud Solutions • ADTRAN Networks Pvt Ltd • Kony • ggk Technologies • ValueLabs • EntergyTech Global • WinTech Services • Auza Technologies

2017-2018	<ul style="list-style-type: none"> • M-Roads • Amazon Development • K&S Partners • Softsol • Blue Silica Technologies • Varaha Consultancy Pvt Ltd • TCS REMOTE
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- **Industrial Visits**

Academic Year	Name of the Industries Visited
2022-2023	<ul style="list-style-type: none"> • Indian National Centre for Ocean Information Services (INCOIS)
	<ul style="list-style-type: none"> • Securities and exchange Board of India (SEBI)
2021-2022	<ul style="list-style-type: none"> • Indian National Centre for Ocean Information Services (INCOIS)
	<ul style="list-style-type: none"> • Securities and exchange Board of India (SEBI)
2020 –20 21	<ul style="list-style-type: none"> • Securities and exchange Board of India (SEBI)
2019 – 2020	<ul style="list-style-type: none"> • Indian National Centre for Ocean Information Services (INCOIS)
	<ul style="list-style-type: none"> • National Remote Sensing centres (NRSA)
	<ul style="list-style-type: none"> • Cable – Stayed Bridge, ECC L&T
	<ul style="list-style-type: none"> • Securities and exchange Board of India (SEBI)
2018 – 2019	<ul style="list-style-type: none"> • Indian National Centre for Ocean Information Services (INCOIS)
	<ul style="list-style-type: none"> • Hindustan Coca cola Beverages Pvt Ltd
2017 – 2018	<ul style="list-style-type: none"> • CSIR-National Geophysical Research Institute, Hyderabad



3. Industry experts in Evaluation:

- Industry experts as external examiners in the UG, PG project evaluation and in the DRC of Ph. D scholars.

Industry Expert	Industry Association	Program/Year
Dr.Sudheer, Scientist E	ADRIN, ISRO	B. Tech Major project Viva-voce, 2021-22
Konda Sri Kranthi Rajula Reddy, Data Scientist Lead Engineer-2	PEPSICO LTD	B.Tech Major project Viva-voce, 2021-22
Battinoju Narahari, Scientist F	RCI Laboratories, DRDO, Hyderabad	B.Tech Major project Viva-voce, 2021-22
Sri P.Sridhar, Associate Consultant	TCS	B.Tech Major project Viva-voce, 2020-21
Sri Lakshman Srikanth Kurasa, Team Lead	Development Legato Health Technologies, Ltd	B.Tech Major project Viva-voce, 2020-21
N.S Rajesh Kumar, Senior Technical Lead	Hexagon, Hyderabad	B.Tech Major project Viva-voce, 2020-21
Sri Lakshman Srikanth Kurasa, Team Lead	Development Legato Health Technologies, Ltd	B.Tech Major project Viva-voce, 2019-20

4. Industry MoUs

MoUs are signed for possible collaboration in terms of Internships, field/site visits, hands on training employability opportunities and in faculty research.

S.No.	Name of the Institution / Industry	Year of signing	Duration (Years)	List of actual activities under MoU
1.	Tata Consultancy Services	2018	3	Internship/ Industrial Visit
2.	RVJ Techno Solutions	2018	1	Training, Internships
3.	Brain'o'Vision Solutions (India) Pvt Ltd	2018	2	Training, FDP
4.	Technosoft Solutions	2018	1	Training
5.	Excelr Solutions	2018	1	Training
6.	Cyber Security centre of Excellence	2020	3	Training, Guest Lecture
7.	Brain'o'Vision Solutions (India) Pvt Ltd	2021	2	Guest Lecture, workshop
8.	Sun light IT Web Solutions Pvt. Ltd	2021	2	Guest Lecture
9.	Cybersecurity Centre of Excellence, DSCI	2020	3	Internship
10.	CISCO Networking Academy, Hyderabad	2020	2	Training to faculty and students
11.	Brain'o'Vision Solutions (India) Pvt Ltd	2021	2	FDP



5. Industry Supported Laboratories

6. Industrial Consultancy

Details of Entrepreneurs				
S.No.	Name of the student	Enrollment No.	Name of the Company	Registration Date
1	C. Aswitha (12071A1237)	12071A1237	Level App Website https://www.levelapp.in/	Govt. of Telangana Dt. 28-8-2019



LevelApp is awarded as "THE BEST STARTUP" in STARTUP SUMMIT 2018.



Addressing student entrepreneurs who will soon be first cohort of J Hub at JNTU, Hyderabad.

Alumni Entrepreneurs and Testimonials:

Level App



C. Aswitha Reddy(12071A1237)- Co-Funder
at Level-App
levelapp.in 9515330333
contact@levelapp.in



R.Srikanth, CEO
<https://redmattertech.com/>
9701818363
contact@redmattertech.com
Locations: Hyderabad and
Mumbai.





JUTTU NOSHITHA PADMA PRATYUSHA (17071A12D8)

“Being a part of VNR, I had the opportunity to increase my networking and enhance my social skills through events and fests. I am grateful to all the faculties, mentors and entire IT department for providing us with quality education. The weekly training sessions conducted are very helpful to build skillset in mezzanine technologies. The seminars and technical talks helped me gain perspective of industry side of things. I am also thankful to T&P Cell for organizing great companies for placements especially during pandemic.”



DURGAM ARCHANA (17071A12D1)

" My Experience at VNR Institute of Engineering and Technology was great and memorable. Since from first year of Btech, faculty of IT department made students to learn and practice. Since then I got more support and learning opportunity from the faculty of IT Department. Our department provided lot of training programs on latest technologies since the starting from the academic year so that students can learn and grow into that skill. Because of these training programs we placed in MNC companies. I am grateful and thankful to the IT department for providing quality education and TNP cell for organizing great companies for placement. The seminars and industrial tours again helped me to combine my theoretical knowledge of business operations with the practical knowledge of it's actual functioning.



NUKALA KOUSHIK (16071A1241)

“It gives me great pleasure to say with pride that I have completed my graduation in Information Technology from VNR. The relationship between faculties and students is very cordial, which gave me opportunity to excel in my area of interest. The facilities provided by our department helped me in achieving my target. Seminars and extra trainings on coding provided by the department are helpful for building our skillset. The all-time support and motivation of the faculty members has enlightened throughout this wonderful journey.” I mention that more training programs are required on latest technologies to IT students.”

Testimonial for the VNRVJIET in my team

Respected Sir,

I am Supraja's manager in Amazon. As requested, her sharing the testimonial below.

Having Supraja, Hritik and Ravi from VNRVJIET (Department of Information Technology) as Software Development Engineers in my team has been valuable. Their problem-solving skills, dedication, and eagerness to stay up to date with evolving technologies have made a substantial impact. Their highest quality of work and proactiveness have helped in the success of multiple critical projects for the team.

Regards

Sushmita

Manger, Amazon

DEPARTMENT OF AUTOMOBILE ENGINEERING

INDUSTRY INSTITUTE INTERACTION CELL ACTIVITIES

Industry Institute Partnership activities in the Department focus on bridging the gap between the academia and industry, to promote and nurtures industry interaction in various academic activities such as Curriculum Design, Teaching and Learning, Internships, Placements and Mentoring the students, faculty and the department as a whole for its holistic development.

1. Industry experts in Curriculum Design:

Industry experts as Members of Boards of Studies

Year	Name of the industry expert	Associated Industry
2021 – 2023	Mr. S. Bhanu Prakash, Manager, SQE,	Mahindra & Mahindra Ltd., Zaheerabad
	Mr. Sushant Thotakura, Junior Machine Learning Engineer,	Kanso Cloud, Hyderabad
2017 – 2021	C. Nandagopalan Principal Engineer	Mahindra & Mahindra, Chennai, Tamilnadu, India
	Mr. C. Vijai Assistant manager – Vehicle CAE	Hyundai motor India Engineering Pvt. Ltd. Hyderabad



Mr. S. Bhanu Prakash, Manager,
SQE, Mahindra & Mahindra Ltd.,
Zaheerabad



Mr. C. Vijai
Assistant manager – Vehicle CAE,
Hyundai motor India Engineering Pvt.
Ltd., Hyderabad



Mr. Sushant Thotakura, Junior
Machine Learning Engineer,
Kanso Cloud, Hyderabad



C. Nandagopalan, Principal Engineer,
Mahindra & Mahindra, Chennai,
Tamilnadu, India

2. Industry Experts in Curriculum delivery:

- Expert/Guest lectures by Industry Experts

S.No.	Name & Details of the person who	Topic of the Guest Lecture	Dates of the Lecture	For whose benefit the lecture was organized	No. of students Attended
1	Dr. Sanjaya Kumar Sahoo, Scientist F, Advanced Systems Laboratory, DRDO	Non destructive Testing of Solid Rocket Motor Structures	23-03-2024	II and III B.Tech students	99
2	Sri. Abhishank Jain, Founder of ARC Global	Motorsports culture in India	17-07-2023	II and IV B.Tech students	66
3	Sri. Nangunoori Rajagopal, Entrepreneur and CEO of SS Mechatronics, Old Bowenpally, Hyderabad	Product Design and Development	17-04-2023	II and III B.Tech students	98
4	Suman Kumar Gorla, Delivery Lead, Manufacturing IT Systems, ICT India, Hyderabad	Disruption in Automotive Industry with IIOT and AI/ML	24-03-2023	II and III B.Tech students	86
5	Dr. Satheesh Makkapati, Subject Matter Expert in Power Train Performance FORD-USA	Future of Automotive Propulsion and Industry Trends	10-03-2023	II and III B.Tech students	102
6	Mr. Bhanu Prathap Diwanji, Senior Manager R&D, E-TRIO, Hyderabad	Electric Vehicles Globalization	17-02-2023	III B.Tech students	34
7	Sri. G. Hari Hara Iyer, Energy Auditor-Bureau of Energy Efficiency, President of IAEMP, Hyderabad	Green Building Fundamentals	28-10-2022	II B.Tech students	33
8	Mr. Bharani S. Yerramalli, Global Commodity Planner – Electrified Transmission, FORD-USA	Automotive Industry Electrification & Career Opportunities	26-03-2022	II and III B.Tech students	72

S.No.	Name & Details of the person who	Topic of the Guest Lecture	Dates of the Lecture	For whose benefit the lecture was organized	No. of students Attended
9	Mr. Sameer Chowdary, Solutions Engineer, APTIV 36944 Blanchard BLVD Farmington, USA	Data Analysis and Calibration for Powertrain On-Board Diagnostics	23-10-2021	II and III B.Tech students	57
10	Mr. Sai Krishna MVA, Manager-Oxygen Plant (Mech), SAIL-ISP, Asansol, West Bengal	Advancements in Material Science and its impact in the field of Automobile Engineering	11-10-2021	II and III B.Tech students	103
11	Dr. Karunanidhi, Director-control systems laboratory, DRDO- Research centre, Hyderabad	Vidya (science of happiness)- Emotional intelligence	25-01-2020	III B.Tech students	57
12	Mr. Krishna Prasad, Delivery Head, Tech. Mahindra- Hyderabad	Disruption in the industry – path forward for the budding engineers	04-01-2020	II and III B.Tech students	96
13	Dr. Chidanadappa, Scientist, NRSC-Hyderabad	Trouble shooting and maintenance of Diesel power plants	14-12-2019	II and III B.Tech students	92
14	Mr. PN Santhosh, Founder, BYJU'S- Bangalore	Upskilling courses and certification progress	11-09-2019	III B.Tech students	35
15	Srikanth Kethu, Head of Mechanical Engineering, ZF INDIA, Hyderabad, India	Vehicle Safety-current and future trends	01-03-2019	I, II and III B.Tech students	148
16	J.V. Madhavan, Manager, Adroittech- Secunderabad	Augmented reality technology	21-02-2019	II and III B.Tech students	70

S.No.	Name & Details of the person who	Topic of the Guest Lecture	Dates of the Lecture	For whose benefit the lecture was organized	No. of students Attended
17	Nalla Sekhar, Head- Customer Quality Assurance, Mahindra & Mahindra Limited, Zaheerabad	College to campus	22-0-2018	II and IV B.Tech students	63
18	Ramprasad L.V, Cofounder, Solar Aided Innovative Systems Pvt. Ltd	Automotive air conditioner	18-09-2018	III B.Tech students	52
19	Dr. Satheesh Makkapati, Technical Expert, FORD-USA	Automotive propulsion-challenges and trends	10-07-2018	III and IV B.Tech students	100
20	Padmashri V. Gnana Gandhi, Rtd Assistant Director (Scientist), ISRO -Trivandrum	Advanced green fuels in transport	18-08-2017	II and III B.Tech students	73
21	KhuhsalSingh, Senior Research Associate, AMZ Automotive - Jaipur	Scope for automobile engineering students in motor sports	03-08-2017	II, III and IV B.Tech students	148



Dr. Satheesh Makkapati has delivered a guest lecture on “Automotive propulsion - challenges and trends” on 10.07.2018



A guest lecturer is delivered by Mr. Bharani S. Yerramalli, Global Commodity Planner – Electrified Transmission, FORD-USA on 26.03.2022 on “Automotive Industry Electrification & Career Opportunities”.

- **Industry Endorsement Course delivery- WIT & WIL™**

No. of Endorsements by Industry	Industry Details
12	Deccan Cranes VRL Logistics Mahindra & Mahindra National Remote Sensing center Tech Mahendra TATA Motors ABB

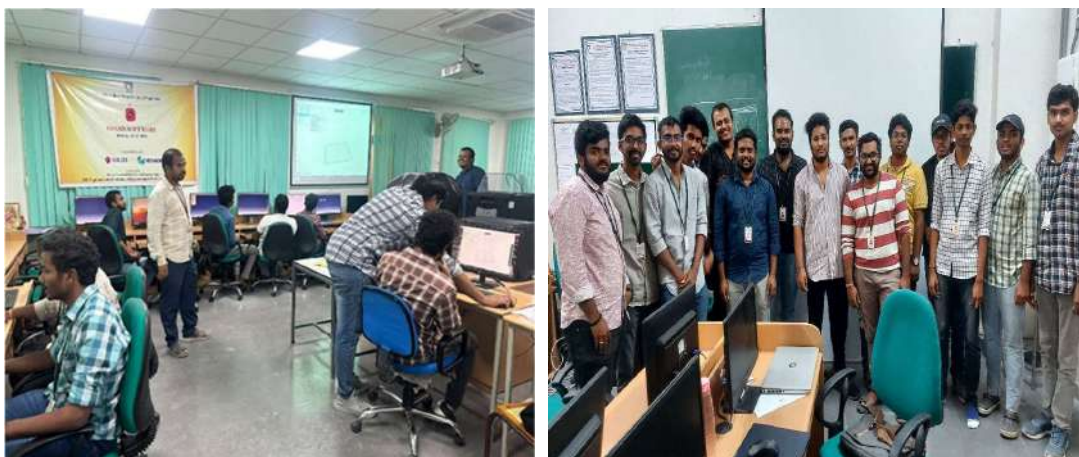
- **Certification courses:**

Skill Enhancement through Certificate Courses

S.No.	Certification/Training	Industry Involved	A.Y.
1	3-D Printing	INVOKE Engg. Solutions, Hyd	2022-23
2	Hypermesh	VNRVJIET	2021-22
3	Certificate course on Python	VNRVJIET	2019-20
4	Certificate course on Hypermesh	AK HYPER solutions	2019-20
5	Certificate courses on Ansys-CFD	ARK Infosolutions Pvt. Ltd	2018-19
6	Certificate course on Catia Mechanical Specialist'	CIMTECH Systems Pvt. Ltd	2018-19
7	Certificate courses on Ansys	INVOKE Engineering solutions	2018-19
8	Catia mechanical Specialist	ARK Infosolutions Pvt. Ltd.	2017-18
9	Certificate course on Catia	ARK Infosolutions Pvt. Ltd.	2017-18



3-D PRINTING CERTIFICATE COURSE IN 2022-23



3-D PRINTING CERTIFICATE COURSE IN 2023-24

• **Industry Internships**

A.Y.	B.Tech.
2022-23	112
2021-22	101
2020-21	112
2019-20	54
2018-19	51
2017-18	56

List of Industries year -wise

2022-2023	<ul style="list-style-type: none"> • Bharat Heavy Electricals Limited, Hyderabad • Core Carbide Tools, Ida Bollaram (Miyapur), Hyderabad • Deccan Enterprises Pvt Ltd, Hyderabad • Diesel Loco Shed, SCR-Moula-ali • Dwaraka Hyundai, Uppal Hyderabad • FMAE, Secundrabad, Telangana • Inline Motors, Kompally, Hyderabad • Involute Automation Private Limited • Laxmi Engineering Works, Balanagar, Hyderabad • Neo Datta Sai Engineering, Hyderabad • Powertech Transformers & Control Pvt Ltd • Pride Motors, Jr, Hyderabad • Raam4 Wheelers LLP (Mg Motors), Somajiguda, Hyderabad • South Central Railway-Kazipet • Sree Vijetha Irrigation Pvt Ltd, Fathenagar, Hyderabad
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	<ul style="list-style-type: none"> • Suzuki Arena, Reddy And Reddy Motors, Eluru,Andhra Pradesh • VA Motors, Mahindra Tractors, Gajwel • Varun Motors Pvt Ltd, Nizamabad • Veljan Hyrair Limited, Ida Patancheru, Telangana • Venkataramana Motors, Kondapur, Hyderabad • Skyy Rider Institutions for Advanced Skill & Research Pvt. Ltd. • E-Trio Automobiles Pvt Ltd, Hitech-City, Hyderabad • Skyy Rider Institutions for Advanced Skill & Research Pvt. Ltd. • Jayam Automotives Pvt Ltd, Chennai • Gayathri Engineering and Technology, Shubash Nagar Jeedimetla, Hyderabad • H-Bots Robotics Pvt Ltd • Pixel Quest, Dilshuknagar, Hyderabad • Force Motors, Bowenpally, Secunderabad • The National Small Industries Corporation Ltd. • Sree Venkateshwara Engineering Works • Bharat Heavy Electricals Limited, R.C.Puram, Hyderabad • Shiva CNC Solutions & Technologies Pvt Ltd
<p>2021-2022</p>	<ul style="list-style-type: none"> • Deccan Auto Limited • Diesel Loco Shed, South Cental Railways, Moulali Hyderabad • Eleation • Fanuc India • Golden Motors, TVS Motor Company • Isieindia • Kaashiv Infotech • Pantech E Learning • Prathamesh Enterprises • Sri Lalitha Engineering • Swan Turbine Services • BHEL HPEP, Hyderabad, Ramachandrapuram Hyderabad -502032 • GAYATHRI ENGINEERING TECHNOLOGIES, Jeedimetla, Hyderabad-500055 • Gem Motors India • INLINE MOTORS • JSP Hyundai service center • L D Cars, Hyderabad • Madhuri Eicher Tractors, Kodad-508206 • MG Motors, Banjara Hills • Pushpak motors, Kothirampur, Karimnagar-505001

	<ul style="list-style-type: none"> • Shiva Cnc Solutions and Technologies Pvt Ltd., Nacharam, Hyderabad-500076 • Skyyrider Institutions, Chandrasekharapur, Bhubaneswar, Odisha-751013 • Sree Vijetha Irrigation PVT LTD • Sri Manikanta motors • Sri Ram Motors, Kukatpally. Hyderabad-500085 • Vaishnaoi Honda, Kondapur, Telangana 500084 • Varun Motors Pvt.Ltd Balanagar • Varun Motors Pvt.Ltd Nizamabad • Venkata Sai Auto servicing Centre, Podili, Prakasam district-523240 • VVC MOTORS Pvt.Ltd., Kothaguda X roads, Hyderabad-500084
2020-2021	<ul style="list-style-type: none"> • Anantha Lakshmi Industries (India) Pvt. Ltd. • Bharat Heavy Electricals Limited, Hyderabad • Bharat Hyundai • Eleation • HBL Power Systems Ltd. • Involute Automation Private Limited • Military College of Electronics & Mechanical Engineering • Motherson Engineers & Crushers • Pantech Solutions • Quality Profiles Pvt. Limited • Renault Hyderabad • S.S. Engineers • Sai Paradise Machine Tools (India) Pvt. Ltd. • Smart knower • Star Motors & Cars (I) Pvt. Ltd • Tata Advanced Systems Limited • Vennela Honda • Automotive Manufacturers Pvt Ltd • Baba Automobile Pvt Ltd, Jaipur • Jayem Automotives PVT Ltd • Om Durga Motors • Power Box • Silver Star Mercedes Benz, Hyderabad • Sri Veerabhadra TVS Motors, Hyderabad • Vasundhara Anjali Automotives, Swaraj Tractors, Kothagudem • Venkataramana Motors, Tata Motors Passenger Car Dealer, Kondapur, Hyderabad • VVC Motors Pvt Ltd.

2019-2020	<ul style="list-style-type: none"> • Decibels Lab • Elitetechnogroups • Fraternity of Mechanical and Automotive Engineers • MTE Form Tools • Renault Hyderabad, A Unit of Sri Sri Sri Auto Cars Pvt Ltd • Sky Rider Institutions Pvt Ltd • Srinivasa Automotives, Authorised Dealer for Mahindra Buses and Trucks Ltd. • Verzeo Edutech Pvt Ltd • VVC Motors Pvt Ltd, Hyderabad • Baba Automobile Pvt Ltd, Jaipur • Osho coatings Pvt. Ltd • Smart bridge
2018-2019	<ul style="list-style-type: none"> • BHEL, Heavy Power Equipment Plant, Hyderabad • Bajaj Auto Limited, Waluj, Aurangabad • Bekem Infra Projects Private Limited, Miyapur • Denz Engineering, Hyderabad • Eleation, Element Simulation Academy, Pune • Etrio Automobiles Pvt Ltd, Hyderabad • Indo-German Tool Room, Aurangabad • Kun Motoren Pvt Ltd, Hyderabad • Maruthi Suzuki, Varun Motors, Begumpet • Mercedes Benz, Hyderabad • Mukunda Dairy Products Pvt. Ltd. Hyderabad. • Ordnance Factory, Medak • S.S Engineers, Hyderabad • Saboo Automotive Pvt Ltd, Hyderabad • Tata Projects Limited, Vishakhapatnam • Venkataramana Motors, L B Nagar
2017-2018	<ul style="list-style-type: none"> • AMZ Automotive • BHEL, Heavy Power Equipment Plant, Hyderabad • Rane Engine Valve Limited, Hyderabad • Mahindra & Mahindra Ltd, Zaheerabad • M.G Automotives Pvt. Ltd, Hyderabad • Diesel Loco Shed, Kazipet • Hindustan Aeronautics Ltd., Nasik • Toyota Industries Engine India Private Limited • Central Institute of Tool Design (CITD) • Electronics Corporation of India Limited (ECIL) • TATA Motors Ltd, Jamshedpur

- Industrial Visits**

Academic Year	Name of the Industries Visited
2023-24	<ul style="list-style-type: none"> Hyderabad Coach Builders Pvt. Ltd. Hyderabad. Pennar Industries Limited - Patancheru TSRTC Bus Body Unit – Miyapur TSRTC Zonal Workshop – Uppal
2022-2023	<ul style="list-style-type: none"> JIA MSME Expo Jeedimetla Mahindra Automotive Division-Zaheerabad The Akshaya Patra foundation - Narsingi
2021-2022	<ul style="list-style-type: none"> L&T Metro Rail Limited LB Nagar, Uppal Road, Nagole, Hyderabad,
2019 – 2020	<ul style="list-style-type: none"> Diesel Loco Shed, Moula-Ali Air Force Academy-Dundigal
2018 – 2019	<ul style="list-style-type: none"> TSRTC-Bus Body Building Unit, Miyapur, Hyderabad Hindustan Coca-Cola Beverages Private Limited-Bollaram Mahindra & Mahindra, Zaheerabad, Sanga Reddy Jayem Automotives Pvt. Ltd. (AmTx), Rajabollaram, Medchal
2017 – 2018	<ul style="list-style-type: none"> Fibre packs, Pragathi Nagar, Hyderabad Sri Sai Enterprises, Bollaram, Hyderabad Shriji Polymers, Kompally, Hyderabad Sri Karthikeya Jute products, Hyderabad HMT machine tools Ltd Hindustan Coca-Cola Beverages Private Limited-Bollaram





3. Industry experts in Evaluation:

- Industry experts as external examiners in the UG project evaluation.

Industry Expert	Industry Association	Program/Year
Mr. Srikanth Mohan Kethu, General Manager	ZF India Technologies centre, Hyderabad	B.Tech. Major project Viva-voce, 2023-24
Mr. Venkata Sudhakar Guduru, Senior Solutions Leader	Brane Enterprises Pvt Ltd, Hyderabad	B.Tech. Major project Viva-voce, 2022-23
Dr. Y. Gangadhar Sinha, Scientist 'F'	ASL/DRDO, Hyderabad	B.Tech. Major project Viva-voce, 2021-22
Sri Krishna Prasad B.S., Delivery Head, Engineering Services	Tech Mahindra, Hyderabad	B.Tech. Major project Viva-voce, 2018-19

4. Industry MoUs

MoUs are signed for possible collaboration in terms of Internships, field/site visits, hands on training employability opportunities and in faculty research.

S.No.	Name of the Institution / Industry	Year of signing	Duration (Years)	List of actual activities under MoU
1.	Wingx Technologies	2021	03	Student Internships
2.	E-RIDE E-Mobility Company	2021	Mutual	Student Internships and guest lectures
3.	Elevation	2021	04	Trainings, Internships
4.	Anewa Engineering Pvt. Ltd.	2022-24	02	Student Internships
5.	Jayem Automotive Pvt. Ltd.	2017-20	Mutual	One-week industrial training
6.	Voltronic Motors	2017-18	01	Internship
7.	AMZ Automotive	2016-17	15 days	Certificate Course and Industrial training
8.	Mahindra VVC Motors Pvt. Ltd.	2014-17	1 Week	One-week industrial training
9.	Blue Star Ltd.	2021-23	02	Student Internships and guest lectures
10.	ZF India Pvt. Ltd.	2023-24	Mutual	Training
11.	HBL Power systems Ltd.	2023-24	03	Collaborative research Centre



JAYEM AUTOMOTIVES



BLUE STAR

NOBODY COOLS BETTER™

INDUSTRY INSTITUTE INTERACTION CELL ACTIVITIES

DEPARTMENT OF CSE-AIML & IOT

Industry Institute Partnership activities in the Department focus on bridging the gap between the academia and industry, to promote and nurtures industry interaction in various academic activities such as Curriculum Design, Teaching and Learning, Internships, Placements and Mentoring the students, faculty and the department as a whole for its holistic development.

1. Industry Advisory Board of CSE-AIML & IOT

S.NO.	Application	Organization Name	Name of Advisory	Profile Links
1.	Security in AIML	NIST	Dr. Ram D Sriram	https://www.linkedin.com/in/ram-d-sriram295b794
2.	IoT	Senior Consulting Professional in Manufacturing and IT Solutions with focus on Industry 4.0	Mr. Venkata Raman Vemuri	https://www.linkedin.com/in/venkata-ramana-vemuri-23bb771
3.	Artificial Intelligence	Tech Mahindra	Mr. N. R. Lohith, Senior Software Engineer	https://www.linkedin.com/in/lohith-n-r-23a721165
4.	Senior AI Engineer	Centific	Dr.Sreenivasulu Madichetty	sreea568@gmail.com, 798130224
5.	IoT	Qualcomm	Vinaykumar Ravikanti	Ravikanti.vinay@gmail.com, 9866666617
6.	Manager	Deloitte	Neeraj Singh	Neerajsingh910@gmail.com, 7013064156
7.	Senior Software Engineer	OpenText	Sai Goutham Boddireddy	Goutham1919br@outlook.com , 9908170008



Mr. V. Venkata Ramana, Founder Director – I4-VG, delivering a Guest Lecture on “PREPARING YOURSELF FOR EMERGING WORLD OF IOT” for II and III year IoT students on 30th January, 2023.



Dr. Ram Sriram, chief software and systems division, USA, delivering a Guest Lecture on “Interdisciplinary Applications of Artificial Intelligence and Machine Learning” for III year AIML & IoT students on 19th September, 2022.



Meeting with the Industry Advisory Board Members (Mr. Vinay Ravikanti, Qualcomm)



Meeting with the Industry Advisory Board Members (Mr. Neeraj Singh, Deloitte, Dr.Sreenivasulu Madichetty, AI Researcher Centific)

2. Industry Experts as BOS Members Curriculum Inputs from Industry:

- Industry Experts as Members of Boards of Studies

Year	Name of the Industry Expert	Associated Industry
2021 – 2024	Mr.Sangameshwar Reddy Senior Vice President	DP World , Hyderabad
	Ms. Sridevi Sira	Smart Bridge, 6th Floor, Sundarayya Vignana Kendram, Madhava Reddy Colony, Gachibowli, Hyderabad



Mr. Sangameshwar Reddy
Senior Vice President
DP World , Hyderabad



Ms. Sridevi Sira
Smart Bridge,
Sundarayya Vignana Kendram,
Gachibowli, Hyderabad

- **Industry Designed Courses**

Program	Course Name	Course Code	Program/Year of study	Industry involved
B.Tech CSE (AIML)	Object Oriented Programming Through Java	22PC1IT201	III Semester (B.Tech - R22 Regulations)	Mr. Sangameshwar Reddy
B.Tech. CSE (IOT)	Object Oriented Programming Through Java	22PC1IT201	III Semester (B.Tech.- R22 Regulations)	Mr. Sangameshwar Reddy

3. Industry Experts in Curriculum Delivery:

- **Expert/Guest Lectures by Industry Experts:**

S. No.	Name & Details of the person who delivered the lecture	Topic of the Guest Lecture	Dates of the Lecture	For whose benefit the lecture was organized	No. of students Attended
1.	Ms Lakshmi Vejanla Senior Project Engineer , Pantech private ltd, Hyderabad	Lung Cancer Detection using deep learning models	05-01-2024	II B.Tech AIML	65
2.	Mr. Nandkumar Saravade, Board Chairman, Founder, CEO, Mentor, ex- IPS, Strategy Advisor	Impact of AI on Cyber Security	12-12-2023	III B.Tech AIML & IoT	200
3.	Mr. Adbul Bari ,Udemy Instructor & Director ABP Ltd.	Multithreading in Java	05-12-2023	II B.Tech AIML & IoT	250

4.	Mr. Vamshi Muthyapu, Lead consultant at Infosys ,Infrastructure management cloud & Infrastructure Services	Applications of AIML in real time	14-11-2023	III B.Tech AIML & IoT	200
5.	Mr Ravi Kumar Mandala, Senior Software Engineer, LinkedIn, US.	Generative AI: Unleashing Artificial Creativity with ChatGPT	03-08-2023	IV B.Tech AIML & IoT	100
6.	Mr.Adbul Bari ,Udemy Instructor & Director ABP Ltd.	Dynamics of Algorithms	25-05-2023	II B.Tech AIML	180
7.	Mr Amresh Parida, Backend Engineer, Lyka Mobile, UK .Mr. Amresh Parida	Power Packed Webdev In 90 Minutes	01-02-2023	II B.Tech AIML & IoT	150
8.	Sri Venkata Ramana Vemuri, Founder Director of I4-VG Senior Consulting Professional in IT Solutions	Preparing Yourself for Emerging World of IoT	30-01-2023	II & III B.Tech IoT	118
9.	Dr. Nishanth Koganti, CEO, Designated Partner, ExaWizards India LLP	Intelligent Robots to Edge AI cameras: Lessons learnt as a Machine Learning Practitioner	19-01-2023	II B.Tech AIML & IoT	200
10.	Dr. V. Chandra Sekhar, Lead Engineer, Samsung R&D, Bangalore	Applied AI on Industrial Time series data	09-12-2022	III B.Tech AIML & IoT	130
11.	Dr. Ram D.Sriram,Chief Software & Systems Division,USA	Interdisciplinary Applications of Artificial Intelligence and Machine Learning	19-09-2022	III B.Tech AIML & IoT	100

12.	Sai Teja Polisetty, Software engineer JPMorgan& Chase	Hands-on with GITHUB Version Control System	04-07-2022	I B.Tech AIML & IoT	135
13.	Mr. Sangameshwar Reddy, Software Development Engineer ,Amazon	Current Trends in IT Industry	18-06-2022	II B.Tech AIML & IoT	150
14.	Mr. V. Venkata Ramana,Founder Director, I4 –VG	Exciting Prospects of IoT World	25-03-2022	II B.Tech IoT & AIML	120
15.	Mr.BalaPrasad Peddagiri, Principal Consultant at TCS	Industry expectation and Recent Trends in AIMI and IoT	06-01-2022	II B.Tech IoT & AIML	124



Mr. BalaPrasad Peddagiri delivered a session on “Industry expectation and Recent Trends in AIML and IoT”.



Mr Ravi Kumar Mandala, delivering the lecture on “Generative AI: Unleashing Artificial Creativity with ChatGPT”



Mr. V. Venkata Ramana, Founder Director –14-VG, delivering a Guest Lecture on “Preparing Yourself for Emerging World of IoT” for II & III year IoT students on 30th January 2023.



Dr. Nishanth Koganti delivering the lecture on “Intelligent Robots to Edge AI cameras: Lessons learnt as a Machine Learning Practitioner”

4. Industry Endorsement Course Delivery- WIT & WIL™

AY	No. of Endorsements by Industry	Industry details
2021-22	4	<ul style="list-style-type: none"> • Infosys • TCS • Factset
2022-23	6	<ul style="list-style-type: none"> • Infosys • Cognizant Technology Solutions • Purview • TCS
2023-24	6	<ul style="list-style-type: none"> • Oracle • Factset • Infosys • Cognizant Technology Solutions • Schrodinger

5. Certification Courses

- **Skill Enhancement through Certificate Courses:**

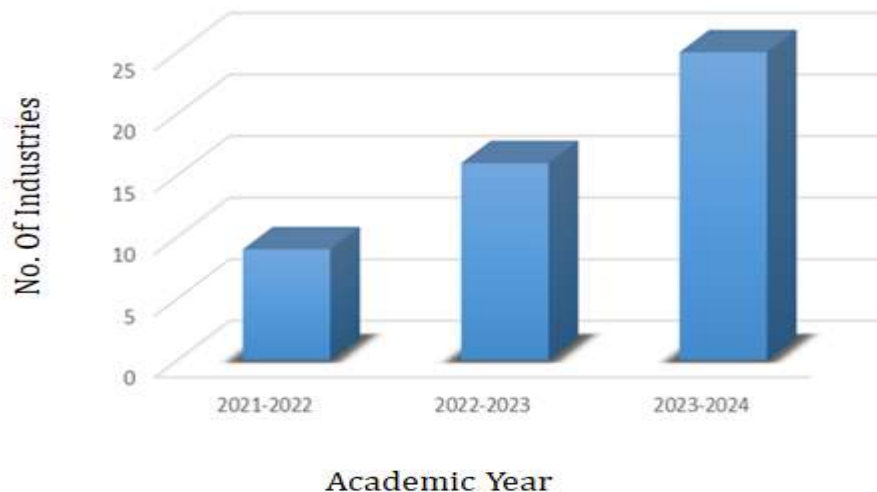
S.No.	Certification/Training	Industry Involved
1.	Problem Solving and Advanced Algorithms	Code Evolve and Excel Private Limited- Smart Interviews
2.	Amazon Web Services	Mr. Veera Reddy - Corporate Trainer.
3.	Ethical Hacking for Web Applications and Network	Hunt Matrics

4.	Cyber Security	Chandra Sekhar - Corporate Trainer.
5.	Cloud Computing Fundamentals	Google
6.	Salesforce - Administrator and Developer	Sales Force
7.	Java Full Stack	Wipro Technologies
8.	.Net Full Stack	Global Logic



Training on “Object Oriented Programming through Java” for AIML & IoT B.Tech Students

6. Industry Internships



- **List of Industries year wise:**

2023 -2024	<ul style="list-style-type: none"> • J.P. Morgan Services India Private Ltd • Hindustan Aeronautics Ltd • Microsoft India (R&D) Pvt. Ltd • EntiretyIn Pvt Ltd • Innominds • TCS (Tata Consultancy Services) • ACURATION PVT LTD • CISCO AICTE Virtual Internship • IBM SkillsBuild • InternPe • DRDO • Klvin Innovation Labs LLP • Tech Mahindra Ltd • Chubb Business Services India Pvt Ltd 	<ul style="list-style-type: none"> • BluSapphire Cyber Systems Pvt Ltd • Zenoti India Private Limited • MAVyK Business Solutions LLP • On Device Solutions Limited • Xairo Tech Private Limited • Franklin Templeton International Services India Pvt Ltd • ImageVision.ai • Ironwasp Information Security Solutions Pvt Ltd • Centella Scientific Pvt Ltd • Bharat Dynamics LTD • Google • INQUI-LAB Foundation • Proxzar IT Automation Solutions (P) Ltd • Volkswagen • GlobalLogic
2022 -2023	<ul style="list-style-type: none"> • EMERTXE • E&ICT Academy, IIT Kanpur, • Edunet Foundation in partnership with AICTE • ICONMA • Diginique TechLabs in collaboration with iHUB DivyaSampark at IIT Roorkee • HCL Technologies Ltd • Harman International (India) Pvt. Ltd 	<ul style="list-style-type: none"> • Reliance Jio Infocomm Limited • Rising Pharma Specialities Private Limited • Syntel Pvt Ltd • NRSC (National Remote Sensing Centre) • BOOKMATIC PRIVATE LIMITED, • Xamnation • Amazon Development Centre India Pvt. Ltd • InternPe
2022 -2021	<ul style="list-style-type: none"> • J. P. Morgan Services India Private Limited • Fosterate • Microsoft India (R&D) Pvt. Ltd • NMICPS-TIHAN-IIT HYDERABAD 	<ul style="list-style-type: none"> • FLIPKART • EMERTXE • Hexagon Capability Center • EntiretyIn • Innominds

7. Industrial Visits

Academic Year	Name of the Industries Visited
2023 – 2024	<ul style="list-style-type: none"> • INCOIS, Whisper valley, Pragathi nagar, Hyderabad
	<ul style="list-style-type: none"> • T-Hub, Hyderabad Knowledge City, Serilingampally, Hyderabad, Telangana 500081.
2022 – 2023	<ul style="list-style-type: none"> • INCOIS, Whisper valley, Pragathi nagar, Hyderabad
	<ul style="list-style-type: none"> • Keerthi Industries Ltd, Balanagar, IDA, Hyderabad
	<ul style="list-style-type: none"> • VISTAN NEXTGEN, Madhapur, Hyderabad
2021 – 2022	<ul style="list-style-type: none"> • VISTAN NEXTGEN, Madhapur, Hyderabad



Students Industrial Visit to “INCOIS” on 26-12-2023



Students Industrial visit to “T-HUB”

8. Industry Experts in Evaluation

- Industry experts as external examiners in the UG, PG project evaluation and in the DRC of Ph.D scholars:

S.NO.	Industry Expert	Industry Association	Activity
1.	Mr. Surendra Mohan Juturu	Director, Suren's Infotech, Hyderabad	Evaluation of Problem statements at Hackathons
2.	Mr. N.R.Lohith	Lead RPA Developer Tech Mahindra	Scrutiny member at Selection of Major Projects-IoT Evaluation of Problem statements at Hackathons
3.	Mr. Teja Polisetti	Software Engineer, JP Morgan Chase,Hyderabad	Evaluation of Problem statements at Hackathons
4.	Dr. M.Venugopala Roa Manneni	Data Scientist/ General Manager, Mediva.io/Juxt Smart mandate Analytics	Evaluation of Problem statements at Hackathons
5.	Mr. Ch. K. R. V. N Suresh	Principal, Data Engineer, Rubus Digital Pvt. Ltd., Hyderabad	Evaluation of Problem statements at Hackathons
6.	Ms. Aradhana	Incubation Associate, GNITS, Hyderabad	Evaluation of Problem statements at Hackathons
7.	Mr. Atharva Mahesh Tendulkar	The Product Folks Core Team	Evaluation of Problem statements at Hackathons
8.	Mr. Srikar Vuthuri	Software Engineer, Salesforces, Hyderabad	Scrutiny member at Selection of Major Projects-AIML Evaluation of Problem statements at Hackathons
9.	Mr. M. Varun Kumar Goud	Scientist,Rocket Propulsion Modules Systems	Evaluation of Problem statements at Hackathons

10.	Ms. Kavya Vallabhaneni	Engineer, Silicon Labs	Evaluation of Problem statements at Hackathons
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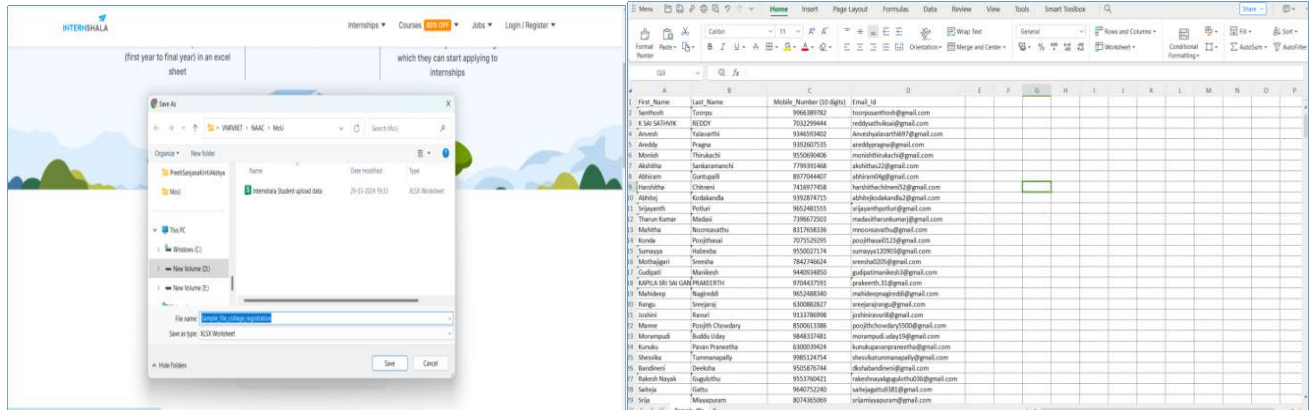
9. Industry MoUs

- MoUs are signed for possible collaboration in terms of Internships, field/site visits, hands on training employability opportunities and in faculty research.



S.No.	Name of the Institution / Industry	Year of signing	Duration (Years)	List of actual activities under MoU
1.	BLACKBUCKS EDUCATION PVT LTD	2024	3	Center of Excellence, Training on Latest technologies, Faculty Development Program
2.	INTERNSHALA	2023	1	Student Internship, Technical Courses
3.	VRS VIGNANA JYOTHI SCHOOL HYDERABAD	2023	1	Technical Training
4.	Thalassemia & Sick cell, Hyderabad	2019	3	Project Activities

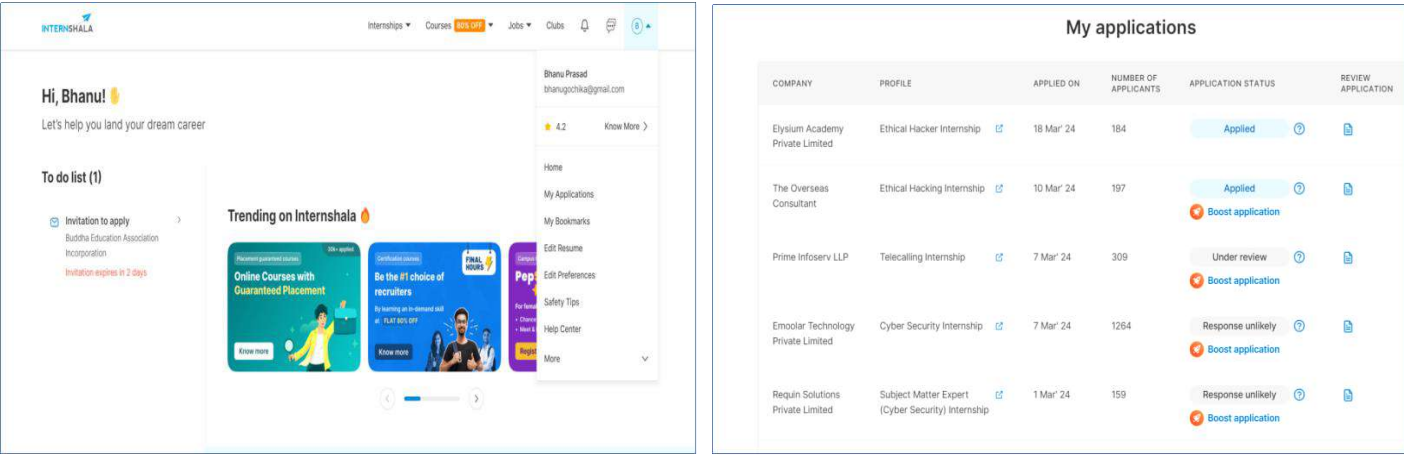
Impact:



MoU with Internshala: Bulk Student Upload Process

Student Name: G BHANU PRASAD

Registration Number: 22075A6618



Student Profile in Internshala

MoU with Internshala



Student Internships

10. Industrial Consultancy

Activity-1:

Period: August-2019 to Feb-2021

Organization Name: Thalassemia and Sickle Cell Society(TSCS), Hyderabad.

Type of activity: Industrial collaboration, Data sharing and Technology transfer between VNRVJIET and TSCS as part of TEQIP-III project granted from JNTU Hyderabad worth of Rs 3,00,000.

Tasks Performed:

- ❖ MoU is established between VNRVJIET and TSCS (Thalassemia and Sickle Cell Society, Hyderabad) with the duration of Oct-2019 to Sept-2022.
- ❖ Interaction with management, doctors and other personnel at TSCS.
- ❖ Data Sharing, Exploration of the environment and Technology Transfer between VNRVJIET and TSCS.
- ❖ Data Sharing and Technology Transfer in the form of application development and deployment for TSCS.
- ❖ The application developed as part of the project is shared to TSCS and is underutilization by the personnel at TSCS

Activity-2:

Period: July 2022 to June 2023

Organization Name: VRS School, Hyderabad.

Type of activity: Teaching and Training of AIML courses to the students of VRS School, Hyderabad and generated an amount of Rs. 2,50,000/- as a part of academic consultancy.

Courses Taught:

1. Artificial Intelligence.
2. Python Programming.

11. Testimonies - Success Stories



Ms. M. Krishna Priya from CSE-AIML got Placed at Microsoft with a highest CTC of 51 LPA and Ms. J. Spandana from CSE-IoT got Placed at Flipkart with a CTC of 32.5 LPA.



Mr. V. Madhu from CSE-IoT got placed in Darwinbox, the first placement of the department.



III year Student team of AIML has won in the Grand Finale - Smart India Hackathon (SIH) Software Edition 2023,an AICTE & MHRD initiative for the problem statement : Udyog Sarathi App(Progressive web based application for adults undergoing job coaching for opportunities under 4% reservation in NIEPMD and other institutions) & the team received a cash prize of Rs. 50,000/-



Mr. A. Aditya Srinivas, IV year CSE-AIML student got a score of 142 rank at GATE, 2024.



Department of CSE-AIML & IoT in collaboration with CSE(DS,CyS,AI&DS) hosted the Grand Finale Smart India Hackathon 2023. AICTE professionals namely Mr.Yogesh Wadhavan, Nodal Center Head, Mr. Shiva Siripolu, Nodal Center Coordinator, and Technical Experts from Ministry of Jal Shakthi, Design Mentors joined hands.



AIML and IoT students clinched the first prize at the Kabaddi tournament hosted by HITAM and Mallareddy College.



Mr. T. Venkata Manish from IV year AIML, bagged First prize at Volkswagen's i.Mobilothon 3.0 Hackathon conducted by Volkswagen Group and received a Prize Money of 1 Lakh rupee in the project domain of Generative AI.



B.Tech II year AIML student team are having a start-up at VJHUB on the project “Image De-hazing/De-smoking using Generative Adversarial Networks”



Academic Consultancy at VRS School, Hyderabad.

12. Industry Institute Research Collaboration

- **Research Publications with Industry Collaboration:**

S. No.	Title of the paper	Name of faculty author	Name of author from Industry With designation and organization	Name of the journal	Year of publication	ISSN Number	No. of Citations
1.	Supervised SVM Classification of Rainfall Datasets	Dr.N. Sandhya	Raghav Mehra, wells fargo, Proj Project manager,	International Journal of Recent Technology and Engineering	2019	2277-3878	3
2.	Prediction of Anaemia Disease Using Classification Methods	Dr.Sagar Yeruva	S.Jain, secretary and CEO of TSCS	ICACECS	2020	978-33-4046-6	4
3.	Crop Recommendation System Using Machine Learning and IoT: A Survey	Mr. K. Kishan Babu	Akkem Yaganteeswarudu, Data scientist , Deloitte	7th International Conference on Innovative Computing and Communication	2024	2367-3370	0

13. Industry scholarships/support

- **Industry Student Scholarship:**

S.No.	Sname	Roll Number	Year	Branch	Industry Name
1.	Palliyana Shabarish	22071A66B2	2nd	CSE-AIML	Blue Star Foundation, Mohan T Advani Centennial Scholarship

14. VJ HUB - START-UP

S. No.	Name of the Startup	Startup Category Product/Service	No.of Students/Faculty benefited	Industry Mentor	Outcomes
1.	Level Innovations Pvt.Ltd	Ed-tech Startup	15	WE hub	Level is a digital platform for all the teachers and learners out there. Foundation of LEVEL APP, a Topic Learning and Teaching Platform. https://levelapp.in/
2.	Sarvadrushti	Product	7	-	Design a real-time AR/VR goggle system for firefighters to enhance scene visualization and reduce smoke obstruction.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING -(CyS, DS) and AI&DS

INDUSTRY INSTITUTE INTERACTION CELL ACTIVITIES

Industry Institute Partnership activities in the Department focus on bridging the gap between the academia and industry, to promote and nurture industry interaction in various academic activities such as Curriculum Design, Teaching and Learning, Internships, Placements and Mentoring the students, faculty and the department for its holistic development.

1. Industry Advisory Board of CSE -(CyS, DS) and AI&DS

Objectives:

The Academia-Industry Council of the Department of CSE -(CyS, DS) and AI&DS typically has several key objectives aimed at fostering collaboration between academia and industry, enhancing the educational and research experiences of students and faculty, and advancing the field. Here are some common objectives of such a council:

- **Promoting Collaboration:** Facilitate collaboration and partnership opportunities between academic institutions and industry stakeholders to bridge the gap between theory and practice.
- **Strengthening Industry Connections:** Build and maintain strong relationships with industry leaders, organizations, and professionals in the computer science and engineering field.
- **Aligning Curriculum with Industry Needs:** Ensure that academic programs, courses, and curriculum offerings are aligned with current industry requirements and trends to produce job-ready graduates.
- **Enhancing Research Opportunities:** Identify and support collaborative research projects and initiatives between faculty members and industry partners, promoting applied research and innovation.
- **Facilitating Student Engagement:** Create opportunities for students to engage with industry through internships, co-operative programs, industry-sponsored projects, and networking events.
- **Supporting Faculty Development:** Encourage faculty development by facilitating industry exposure, professional development, and research collaborations, enabling faculty members to stay updated with industry advancements.

- Promoting Experiential Learning: Encourage the integration of real-world, practical experiences into the academic curriculum, such as industry-based capstone projects, Hackathons, and competitions.
- Enabling Technology Transfer: Support the transfer of technology, knowledge, and intellectual property between academia and industry through licensing agreements, technology transfer offices, and entrepreneurship programs.
- The composition of an Academia-Industry Council for the Department of CSE -(CyS, DS) and AI&DS typically includes representatives from academia and industry, as well as key stakeholders.

Industry Representatives:

Industry Executives: High-level executives from technology companies or organizations with a keen interest in the department's success.

1. Mr. Mohan Krishna, Executive Director, Huntmetrics.
2. Dr. Sriram Birudavolu, CEO - Cyber Security Centre of Excellence DSCI (A NASSCOM Initiative)
3. Mr. Bhushan Reddy, Senior Manager, United Way (Hyderabad chapter)
4. Mr. Balaji SV, Chief Technology Officer at Suvarna Technosoft Pvt. Ltd
5. Mr. Muni Kumar, Suvarna Technosoft Pvt. Ltd.
6. Mr. Nag Mohan is the Project manager for Infor pvt Ltd.



Mr. Mohan Krishna, Executive Director Huntmetrics.



Dr. Sriram Birudavolu, CEO - Cyber Security Centre of Excellence DSCI (A NASSCOM Initiative)



Mr. Bhushan Reddy, Senior
Manager, United Way
(Hyderabad chapter)



Mr. Balaji SV, Chief Technology,
Suvarna Techno soft Pvt. Ltd



Mr. Muni Kumar, Suvarna
Technosoft Pvt. Ltd.



Mr. Nag Mohan, Project manager ,
Infor Pvt.Ltd.

2. Industry experts in Curriculum Design:

Industry experts as Members of Boards of Studies

Year	Name of the industry expert	Associated Industry
2021 – 2023	Dr. D. Sudheer Reddy, Scientist/Engineering-SF, ISRO.	ISRO
	Mr. Panchanana M R L N, Consultant - BFSI Analytics, CS.	M R L N, Consultant - BFSI Analytics, TCS.
	Mr.Sundeeep Vilasagarapu Software Development Engineer 2	Microsoft.



Dr. D. Sudheer Reddy,
Scientist/Engineering-SF, ISRO



Mr. Panchanana, M R L N
Consultant- BFSI Analytics, TCS



Mr. Sundeep Vilasagarapu ,
Software Development Engineer-2
Microsoft.

- **Industry experts and Academician as Member of RIGs**

RIG Group name	Name of the Expert	Associated Industry/Institute
ATLAS A. I	Prof. Arun Kumar Pujari	Mahindra University
Sustainable practices of precision Agriculture	Mr. D V Sreekanth	Accenture Solutions, Private limited.
Information Security and cyber forensics	J Pavan Kumar	NIT Trichy
VJ Datalogy	Prof. Ramalinga Swamy Cheruku	NIT Warangal
VJ Neural Alliance	Sandeep Choudhary	TCS
	Muralidhara Rao	Woxsen University
	Prof.Raju Bhukya	NIT Warangal
	Riyaz Syed	JNTUH


Cloud and IoT Security	Dr. Pasula Naresh	Tata Elxsi Limited
DroneTech AI for Disasters	Dr. Sachinandan Mohanty	VIT, Amaravati, AP
	Dr. Satyajit Nayak	R&D Lead at Valeo India Pvt. Ltd

- **Industry designed courses.**

Program	Course Name	Course Code	Program/Year of study	Industry involved
B. Tech. (CSE-CyS)	Malware Analysis	19PE1CS69	VIII Semester (B.Tech.-R-19, A-19, R-22 Regulations)	Mindtree Gachibowli, Hyderabad.
B.Tech. (CSE-CyS)	Advanced Ethical Hacking	22PC1CY202	IV Semester (B. Tech- R-19, A-19, R-22 Regulations)	Huntmetrics Tolichowki, Hyderabad.
B.Tech. (CSE-CyS)	Cyber Forensics	22SD5CY201	IV Semester (B. Tech- R-19, A-19, R-22 Regulations)	ER Segment Himayat Nagar, Hyderabad.
B.Tech. (CSE-CyS)	Cloud security	22PE1PYP02	VI Semester (B. Tech- R-22 Regulations)	ISRO
B.Tech. (CSE-DS)	Advanced Predictive Analytics	19PC1CS49	VI Semester (B. Tech- R-22 Regulations)	TCS.
B.Tech. AI&DS	Deep Learning	19PE1CS03	VI Semester (B. Tech- A-19, R-22 Regulations)	Microsoft

3. Industry experts in Curriculum delivery:

- **Courses delivered by Industry experts:** Experts are invited to deliver course contents in core/professional elective courses.

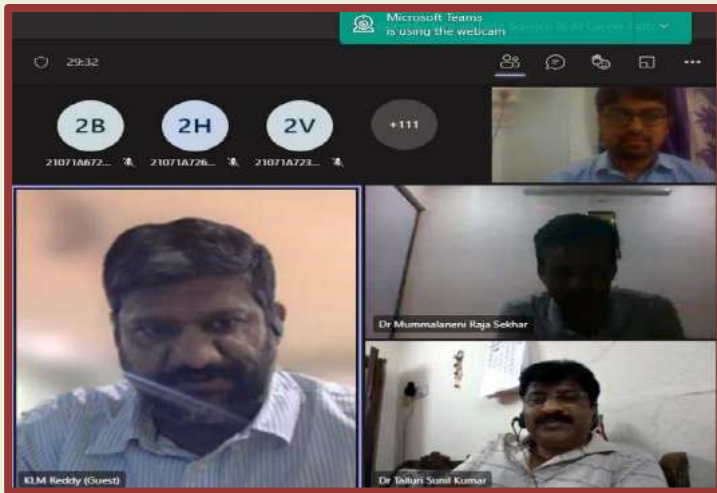
	<ul style="list-style-type: none"> ● Mr. M. Karthik Chanda delivered a Cyber Forensics course for UG IV semester students. ● Mr. M. Karthik Chanda established ER Segment, a cyber security firm in 2020. ● Received an award “Indian Achiever's Award” in 2021 for his Excellence in Industry Academia Collaboration.
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● Expert/Guest lectures by Industry Experts

S.No.	Name & Details of the person who delivered the lecture	Topic of the Guest Lecture	Dates of the Lecture	For whose benefit the lecture was organized	No. of students Attended
1.	Mr. KLM Reddy, Research Assistant at Academic Positions	Guest Lecture on MEZZANINE Technologies	26-02-2022	II B. Tech CSE-(Cys, DS) and AI&DS	114
2.	Mr. M. Praveen Kumar Tangella, Jr. Cyber Security Engineer at Fourth Dimension Technology.	Guest Lecture on Cyber Security	10-03-2022	II B. Tech CSE-(Cys, DS) and AI&DS	60
3.	Mr. K Durga Prasad, IPS Retired	Guest Lecture on Be an Instrument of Change	24-03-2022	II B. Tech CSE-(Cys, DS) and AI&DS	60
4.	Mr. D. Hemanth Kumar Senior Security Incident Response Engineer, Autodesk India PvtLtd.	Guest Lecture on Security Incident Response - Practical Approach	18-06-2022	I & II B. Tech CSE (Cys, DS) and AI&DS	60
5.	DE, AI & ML " by RAJESH YAKKALI,Assistant	Guest Lecture on Digital	23-06-	I & II B.Tech	360

	VicePresident, TechMahindra ,mericas.	Automation Everywhere	2022	CSE- (Cys, DS) and AI&DS	
6.	Mr.Samardh Moka Data Engineer ANZ Bank Limited	A Guest Lecture on “Beginers Guide to Data Science”	27-08- 2022	II B.Tech (DS-A)	60
7.	Mr.Yogesh Karyakarte. Master in Geo Informatics, Pune University	Guest Lecture “Scope of AIML, and Data Science and software development in the Geospatial Industry”	21-10- 2022	II B. Tech CSE(DS-A) and AI&DS	168
9.	Mr. Mark Bendrum (Speaker)	GL on the Importance of a profile for placements and higher education	29-10- 2022	II B. Tech CSE (CyS, DS) and AI&DS	77
10.	Mr. Sri Ram working as Freelance Consultant	Guest lecture on “Cyber Security Awareness and Career Path”	22-11- 2022	I & II B. Tech Cyber Security	130
11.	Mr. Vamsi Gottipati, Technology executive and strategy consulting expert experienced in building startups	Guest lecture on Career vision session, Reflection on Startup mindset and leadership career	23-12- 2022	II B. Tech CSE(DS) and AI&DS	120
12.	.Dr. K. V. M. Achutha Ramaiah, Soft skills trainer, T&P	A Seminar on "Profile Building, Video Resume Preparation and GD Tips	07-12- 2022	II B. Tech CSE-DS	62
13.	Mr. Nishanth Koganti, CEO & Designated Partner Exa Wizards India LLP IN Association with AIML	Guest Lecture INTELLIGENT ROBOTS TO EDGE AI CAMERAS: LESSONS	19-1- 2023	III B. Tech CSE (CyS, DS) and AI&DS	120
14.	Mr. Samardh Moka Data Engineer ANZ Bank Limited	A Guest Lecture on “DATA SCIENCE JOURNEY IN 2023 “organized by department of CSE (CyS, DS) and AI&DS	08-02- 2023	I, II, III B. Tech DS	350
15.	Mrs. Gopal Thamma reddy, Director Global Deals and Sales Enablement	GLA session on Airport Cyber Security Analytics - Dubai Airport Case Study	18-03- 2023	II & III B. Tech	55

16.	Mr. Krishna Chaitanya Yanamandra cybersecurity operation lead 2nd year CSE-CyS students	A Guest Lecture on "Cloud Computing"	18-04-2023	II B. Tech Cyber Security	120
17.	Mr. Deepak Gurijala, CEO & Founder of Street Lamp Games Pvt Ltd	GL on Carrer on Game development Industry	21-04-2023,	III B. Tech CSE (CyS, DS) and AI&DS	33
18.	Mr. Uday Uddavolu Sr. Manager, Microsoft	Guest Lecture (Are Indian Ethics dependable, three approaches of gaining knowledge	29-04-2023	III B. Tech CSE (CyS, DS) and AI&DS	80
19.	Suresh Reddy Allam, Sr. Director Qualcomm	Guest lecture on Cyber security Awareness	20-05-23	I & II B. Tech CSE(CyS)	100
20.	Mr. Abdulbari	A Guest lecture on Dynamics of Algorithms	25-05-23	II B. Tech CSE (CyS, DS) and AI&DS	200
21.	Mr. Sukumar Madishetty	A Guest lecture on Professional Growth Oppurtunities in AI	26-05-23	II B. Tech CSE(DS) and AI&DS	200
22.	Dr. K. V. M. Achutha Ramaiah, Soft skills trainer, T&P	A session on interview tips	03-08-2023	IV B. Tech CSE (CyS, DS)	100
23.	Satya Devata,	Art of smart work	22-09-2023	I B. Tech CSE(CyS) and AI&DS	100
24.	Subbarao V. Kattamuri	Art of smart work	26-09-2023	I B. Tech DS	100



Mr. KLM Reddy delivering the lecture on MEZZANINE Technologies



Mr. Praveen Kumar delivering the lecture on Cyber Security



Mr. Durga Prasad IPS Retired on Be an Instrument of Change



Mr. D. Hemanth Kumar delivering the lecture on Security Incident Response -Practical Approach



RAJESHYAKKALI Assistant Vice President, Tech Mahindra, Americas. delivering the lecture on Digital Automation Everywhere



Mr. Samardh Moka Data Engineer ANZ Bank Limited on "Beginners Guide to Data Science"



Mr. Samardh Moka Data Engineer on "DATA SCIENCE JOURNEY IN 2023 Enablement"



Mrs. Gopal Thamma Reddy, Director Global Deals and Sales on Airport Cyber Security Analytics - Dubai Airport Case Study



Mr. Krishna giving insights about LTIMindtree

lecture on "Cloud Computing"



Mr. Deepak Gurijala, CEO on Career on Game development Industry



Mr. Uday Uddavolu Sr. Manager, Microsoft giving lecture on Are Indian Ethics dependable, three approaches of gaining knowledge.



Suresh Reddy Allam, Sr. Director Qualcomm Coordinator giving lecture on Cyber security Awareness.



Mr. Abdul bari giving Lecture on Dynamics of Algorithms



Mr. Sukumar Madi Shetty giving Lecture on Professional Growth Opportunities in AI



Dr. K. V. M. Achutha Ramaiah, Soft skills trainer on Interview.



Satya Devata giving Lecture on Art of smart work.



Subbarao V. Kattamuri giving Lecture on Art of smart work.

4. Industry Endorsement Course delivery- WIT & WIL™

Name of endorser by industry	Industry details
Pratyusha Rayala	BA Continuum Pvt. Limited.

5. Certification courses:

Skill Enhancement through Certificate Courses

S.No.	Certification/Training	Industry Involved
1	Competitive coding-smart interviews	Amit, CEO, Smart Interviews Madhapur, Hyderabad
2	Cyber Security	Hunt matrix, Ameerpet, Hyderabad
3	AWS	Ameerpet, Hyderabad
4	Front End & Back end Full stack	Masters coding, Plot no:59, 60, Kukatpally, Hyderabad

6. Industrial Visits

Academic Year	Name of the Industries Visited
2022 - 2023	● EDUFEST in association with T-HUB
	● Excel-R company, Cyber towers
	● IITEX EXPO2023
2023 - 2024	● Wallero Technologies Pvt. Ltd



EDUFEST in association with T-Hub



Excel-R company, Cyber towers



IITEX EXPO2023



Wallerio Technologies Pvt. Ltd

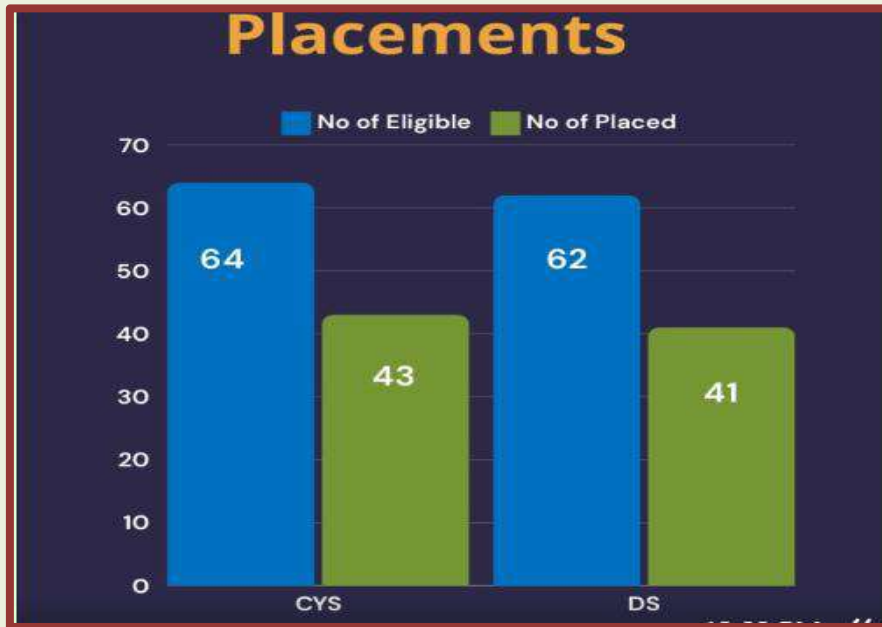
7. Industry Internships



- **List of Industries year -wise**

Academic Year	Name of the Industry
2023-2024	<ul style="list-style-type: none"> ● CSIR-NAL (National Aerospace Laboratories) ● SRISHTI' 24 ● Merilytics ● Worldview Education ● Wipro Ltd ● F5 Networks ● Deshaw& Co. ● Qspiders ● Amazon ML Summer School ● Chubb Business Services ● Chubb Business Services India Private Limited ● Dr. Reddy's Laboratories ● Oracle India Private Limited ● J.P. Morgan Services India Private Limited ● UnPlatforms Technologies Pvt.Ltd ● DRDL (Defence Research & Development Laboratory
2022-2023	<ul style="list-style-type: none"> ● PayPal ● J.P. Morgan ● PGC (Providence Global Center) ● EZ Trainings ● Cyber soft Technologies ● Gradvine ● Brane Services Private Limited ● Cyient ● Cyber diplomat Tech Private Limited ● Brane Services Private Limited ● Bilvantis Technologies LLP ● Super Six Sports Gaming Pvt. Ltd. ● NTT DATA Business Solutions Pvt. Ltd. ● SRISHTI'23

- Placements



- Industry MoUs

MoUs are signed for possible collaboration in terms of Internships, field/site visits, hands on training, employability opportunities and in faculty research.

S.No.	Name of the Institution / Industry	Year of signing	List of actual activities under MoU
1.	Excelr, Hyderabad	2023	Internship
2.	Hunt Matrix, Hyderabad	2023	Training
3.	Codegnan IT Solutions, Hyderabad	2023	Internships

8. Adjunct Professors and Professors of Practice:



Dr.D.Prasannababu
Senior Manager, PMO,
Accelalpha

- 18 years of experience in Oracle Peoplesoft, Cloud (ERP, OTM & GTM).
- **Doctor of Philosophy (Ph.D.)** – Indian Institute of Technology, (I.I.T) Dhanbad, Mobile Wireless Sensor Networks - Computer Science and Engineering – 2016 to 2023
- **Master of Technology (M.Tech.)** – National Institute of Technology, (N.I.T) Rourkela, Computer Science and Engineering – 2004 to 2006
- **Bachelor of Technology (B.Tech.)** – Gayatri Vidya Parshad College of Engineering, (J.N.T.U) Hyderabad, Computer Science and Engineering – 2000 to 2004

Key Skills

- Project Management. ▪ People Management. ▪ Implementation, Migration and Enhancements.
- Upgrade and Patch Fix Retrofitting. ▪ Data Conversions and Interfaces. ▪ PUM Images.
- Production Support. ▪ System Testing.

9. Industry scholarships/support

Year	Industry Name	Name of the Student	Scholarship
2023-2024	Reliance	Hansi (23071A6752)	Rs.50,000.
		Rishi Gupta (23071A6760)	Rs.50,000.
		Boppana Visesh (23071A6775)	Rs.2,00,000
		Ch.Karthik (23071A6780)	Rs.2,00,000
		Samreen Shaik (23071A67C3)	Rs.2,00,000
		Goppu Narayana Nishanth (23071A67E9)	Rs.2,00,000

		Chandanam Bindu (23071A67E2)	Rs.2,00,000
		Achugatla Yashaswi (23071A67D1)	Rs.2,00,000
Amazon FFE		Anugu Sahithi (23071A6767)	Rs.2,00,000
		Akshitha Borancha (23071A6776)	Rs.2,00,000
		K.Indu (23071A6793)	Rs.2,00,000
		N.Tejaswini (23071A67B2)	Rs.2,00,000
		G.Jayadithya (23071A67E8)	Rs.2,00,000
NSP		E Jaya Krishna (23071A6784)	Rs.48,000



Students who got Internship - Reliance, Amazon FFE, NSP

VJ HUB STARTUP-

Name	Project Name
P.David Raj	<p data-bbox="402 342 862 373">Exo-skeleton Bionic Arm -Project</p> <ul data-bbox="451 380 1372 747" style="list-style-type: none"><li data-bbox="451 380 1372 520">● The voice-controlled Exo-skeleton (Bionic Arm) project successfully integrates Arduino, servo motors, and the VoiceRecognitionV3 module to create a responsive and interactive Exo-Skeleton arm.<li data-bbox="451 527 1372 636">● The project achieves its objectives of recognizing voice commands and translating them into corresponding movements of the arm.<li data-bbox="451 642 1372 747">● The system holds potential for applications in medical rehabilitation, assisting individuals with limited mobility, and advancing the field of human-machine interaction.



Project Expo on Exo-skeleton Bionic Arm