

EMPOWERMENT OF FACULTY FOR EFFECTIVE TEACHING-LEARNING AND RESEARCH

2023-24

BEST PRACTICE -2



VIGNAN'S

INSTITUTE OF INFORMATION TECHNOLOGY
(AUTONOMOUS)

Accredited by NAAC with 'A+' Grade (CGPA of 3.40/4.00)
DUVVADA, VISAKHAPATNAM



VISION

We envision to be recognized leader in technical education and shall aim at national excellence by creating competent & socially conscious technical manpower for the current and the future industrial requirements and development of the nation.

MISSION

- » Introducing Innovative Practices of Teaching Learning.
- » Undertaking Research & Development in Thrust Areas.
- » Continuously Collaborating with Industry.
- » Promoting strong set of Ethical Values.
- » Serving the Surrounding Region and the Nation at Large.



7.2.1 Best practice successfully implemented by the Institution during the period from 2023-2024

Best Practice-II

EMPOWERMENT OF FACULTY FOR EFFECTIVE TEACHING-LEARNING AND RESEARCH

Faculty are the backbone of the Institute

Objectives of the Practice:

The primary goal of this initiative is to expand the Intellectual horizons of faculty members and enhance their pedagogy skills and research aptitude thereby promoting career advancement.

The Context:

To prepare the faculty members for making use of various teaching methodologies, to make use of ICT tools, to develop e-content and to work on Inter-Disciplinary and Trans-Disciplinary research by adopting NEP2020 and sustainable goals.

The Practice:

1. Orientation Programmes to newly recruited faculty members in which faculty are oriented towards the importance of Vision and Mission of institute, work culture, effective Teaching, traits like empathy, emotional balance, transparency to be maintained in the evaluation and importance of Research for career growth.

2. Faculty Development Programmes are organized periodically to enhanced technical knowledge, creative thinking, to bring awareness on the developments happening in the industry and technology. Faculty are also encouraged and sponsored to attend FDPs organized in other institutions.

3. Workshops on advanced technologies, technical paper writings, project preparations, Patent filling, emotional skills, stress management and implementation of



sustainable goals and NEP2020. Workshops also conducted on counselling process so that every faculty can become an effective counsellor in the Mentor-Mentee process.

4. Conferences are organized to present research outcomes of each and every faculty and also faculty are sponsored to present their research work in the conferences organized elsewhere.

5. Lectures by eminent academicians, research experts and successful industrialist.

6. Facilities for effective teaching and to conduct research

7. Guidance from senior faculty and administrators

Evidence of Success:

1. Orientation towards Pedagogy skills and culture of the Institute has led to more than 90% success in the classroom performance of the faculty.
2. Academic Performance of students has crossed 90%.

Academic Year	Pass Percentage
2023-24	87.37

3. Workshops, Seminars, Innovated talks has made a remarkable effect and outcome of research. h-index of the Institute has been improved from 7 to 27 and number of publications crossed 968

Academic year	h-index	Research Publications
2023-24	34	300 ⁺

4. Entire working environment is very congenial and co-operative and every one owning the all the tasks given.
5. Good number of awards and rewards are received.

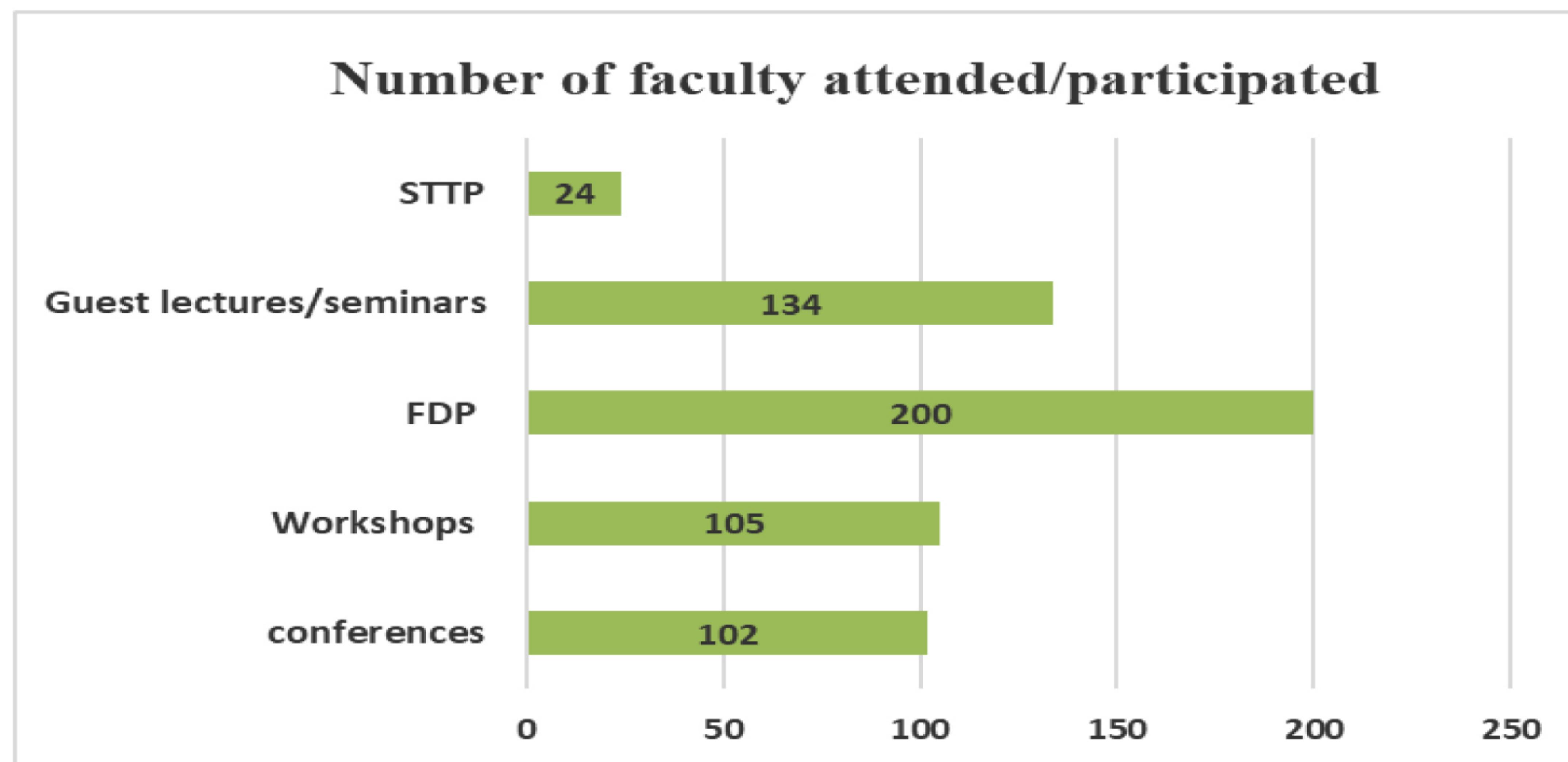
**Problem encountered and Resources required:**

1. Most of the financial resources are supported by the Institute.
2. 30 to 40% resources are mobilized from external agencies
3. Visakhapatnam being a place of many industries and organizations of both national and state good number of experts are available. Experts from other places are either visited physically or delivered talks on-line.
4. Institute has state of art infrastructure

The details of faculty contributions for empowerment in the academic year 2023- 24 are given in below Table

Faculty Contributions for AY 2023-24

Academic Year	Number of faculty attended/participated in				
	Conferences	Workshops	Faculty Development Programmes	Guest lectures/seminars	STTP
2023-24	102	105	200	134	24





VIGNAN'S

INSTITUTE OF INFORMATION TECHNOLOGY

(AUTONOMOUS)

(Approved by AICTE-New Delhi & Affiliated to JNTUGV, Vizianagaram)

Beside VSEZ, Duvvada, Vadlapudi Post, Gajuwaka, Visakhapatnam - 530 049.

Faculty Contributions for AY 2023-24

Department	Conferences	Workshops	Faculty Development Programmes	STTP
CE	12	10	21	2
EEE	8	13	28	8
MECH	21	18	18	4
ECE	7	14	32	0
CSE	13	3	22	3
IT	2	6	11	0
ECM	4	3	6	0
MBA	4	11	13	1
MCA	1	2	6	0
ACSE	4	6	11	0
AI&DS	1	5	3	2
BS&H	25	14	29	4
TOTAL	102	105	200	24



VIGNAN'S

INSTITUTE OF INFORMATION TECHNOLOGY

(AUTONOMOUS)

(Approved by AICTE - New Delhi & Affiliated to JNTUGV, Vizianagaram)

Beside VSEZ, Duvvada, Vadlapudi Post, Gajuwaka, Visakhapatnam - 530 049.

Sample Brochures and participation certificates (2023-24) Brochures

VIGNAN'S INSTITUTE OF INFORMATION TECHNOLOGY (AUTONOMOUS)
(Approved by AICTE - New Delhi & Affiliated to JNTU-GV, Vizianagaram)
Beside VSEZ, Duvvada, Vadlapudi Post, Gajuwaka, Visakhapatnam - 530 049.

CHIEF PATRON
Dr. LAVU RATHAIAH
Chairman - VIGNAN GROUP

PATRONS
Shri. L. KRISHNA DEVARAYLU
VICE-CHARMAN - VIGNAN GROUP

Shri. N. SRIKANT
CEO - VIGNAN VIZAG GROUP

DR. V. MADHUSUDHAN RAO
RECTOR, VIT

Dr. J. SUDHAKAR
PRINCIPAL

CONVENER
Dr.T.Satya Guru,
HoD, Dept. ofBS&H

CO-CONVENER
Mr. S Sanyasirao
Asst. Professor ME

COORDINATORS
Dr. G. SURESH
Associate Professor
Dr. K. ISMAIL
Associate Professor
Dr. CH. BHARAT KUMAR
Associate Professor
Dr. MASURUDIN SHAIK
Associate Professor
Mr. RUDRABHI RAMU ROKKALA
Assistant Professor

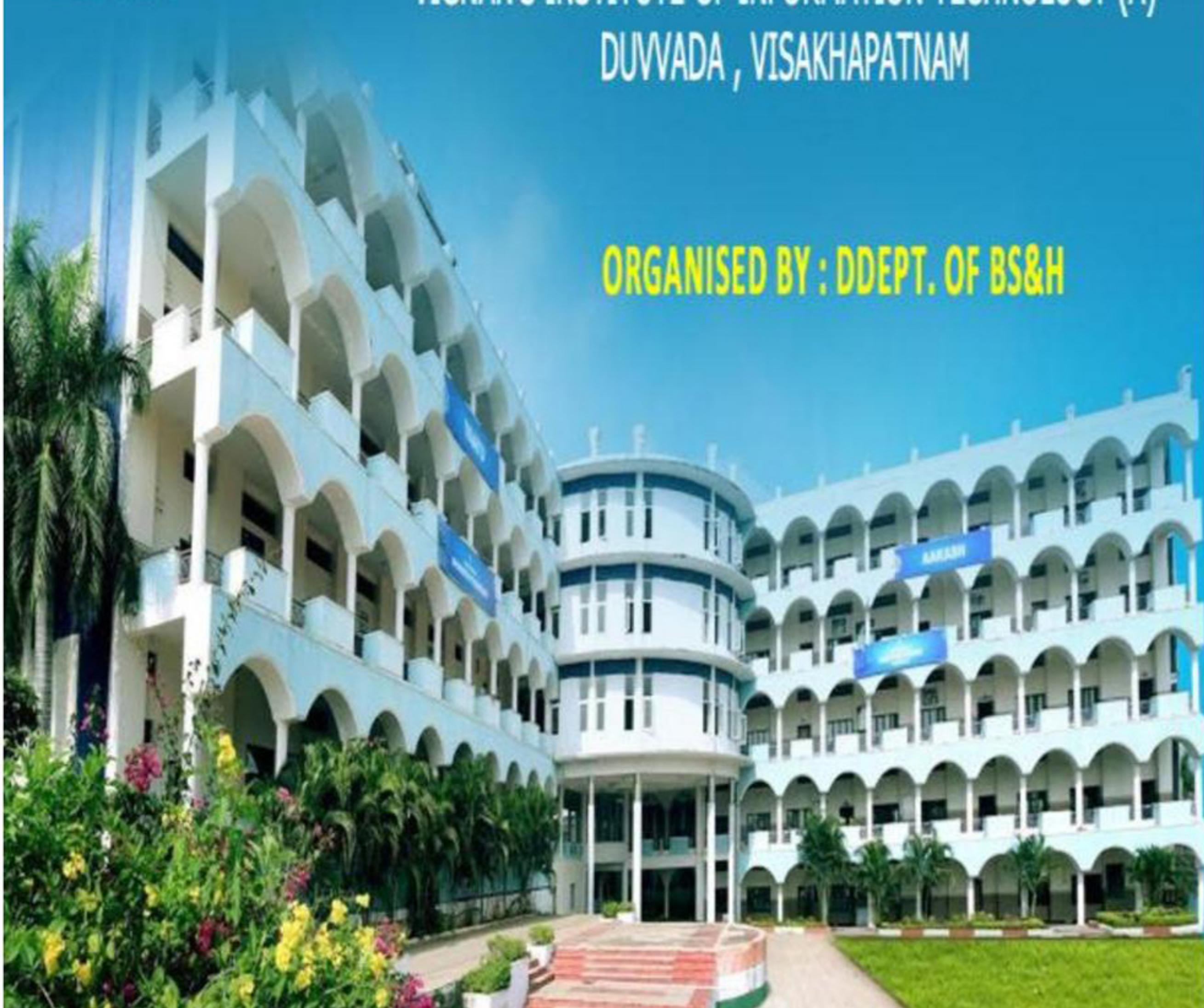
SPEAKER
Mrs. K. ANITHA DEVI
M.Sc., B.Ed., M.Ed., M.Sc., M.Phil.
IN NUTRITION AND HEALTH EDUCATION
ASSISTANT PROFESSOR

21st June 2023 | 10.00 AM

**ONE-DAY ORIENTATION ON
"INTERNATIONAL YOGA DAY"**

VENUE:
VIGNAN'S INSTITUTE OF INFORMATION TECHNOLOGY (A)
DUVVADA , VISAKHAPATNAM

ORGANISED BY : DDEPT. OF BS&H



VIGNAN'S INSTITUTE OF INFORMATION TECHNOLOGY (AUTONOMOUS)
(Approved by AICTE - New Delhi & Affiliated to JNTU-GV, Vizianagaram)
Beside VSEZ, Duvvada, Vadlapudi Post, Gajuwaka, Visakhapatnam - 530 049.

CHIEF PATRON
Dr. LAVU RATHAIAH
Chairman - VIGNAN GROUP

PATRONS
Shri. L. KRISHNA DEVARAYLU
VICE-CHARMAN - VIGNAN GROUP

Shri. N. SRIKANT
CEO - VIGNAN VIZAG GROUP

DR. V. MADHUSUDHAN RAO
RECTOR, VIT

Dr. J. SUDHAKAR
PRINCIPAL

CONVENER
Dr.Ch.Hari Govinda Rao
Dean-IQAC

CO-CONVENER
Dr.T.Trinadh
Assoc.Dean T&P

COORDINATORS
Dr. SK. Masruddin
Assoc. Prof., IQAC - Coordinator
Dr. L. GOVIND
Assoc. Prof., IQAC - Coordinator
Dr. K. G.K.PATNAIK
Assoc. Prof., IQAC - Coordinator
Mr. P. MAHESH
Asst. Prof., IQAC - Coordinator
Mrs. D. L. BHAVANI
Asst. Prof., IQAC - Coordinator

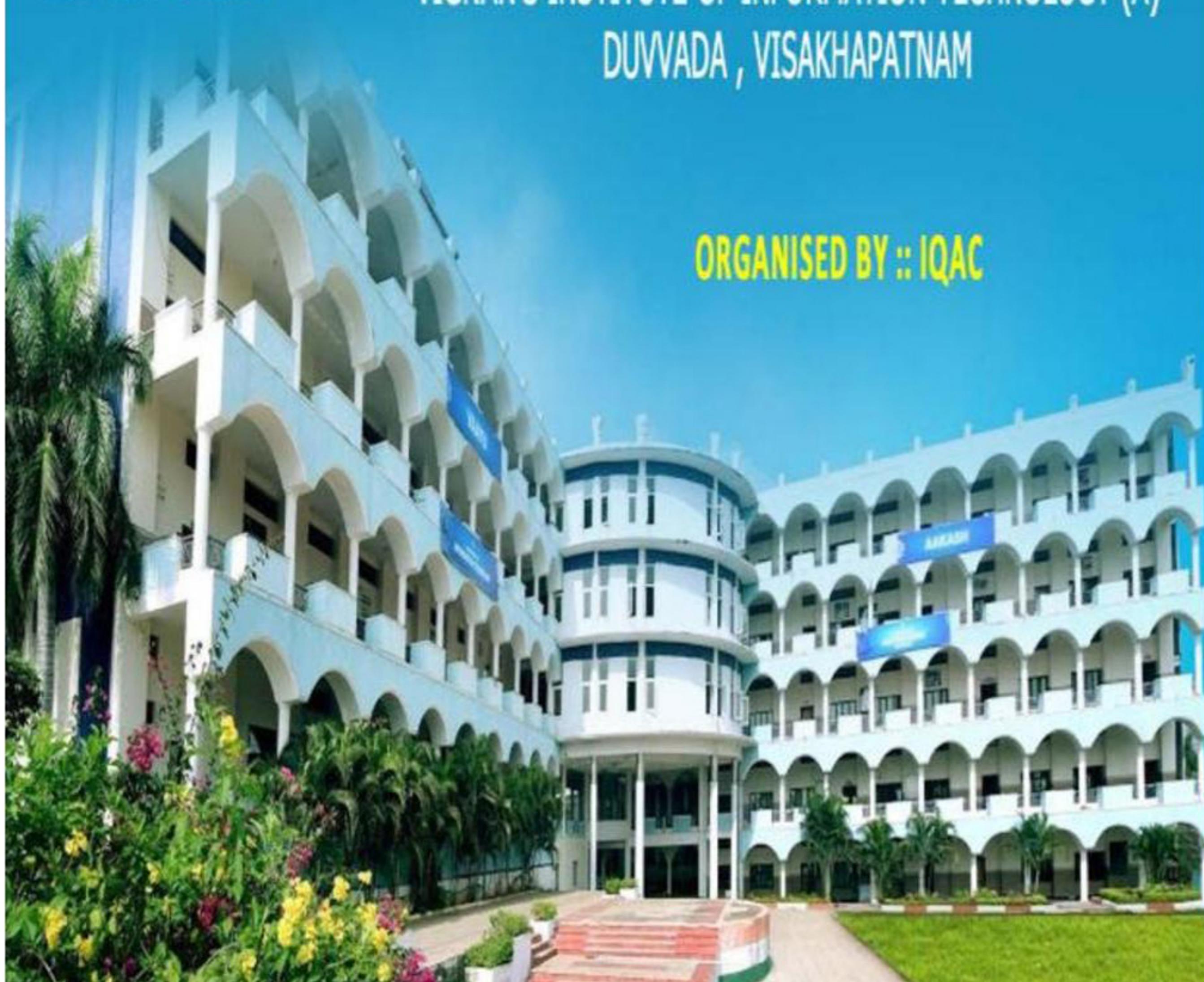
SPEAKER
Mr. SRINU MAHANTHI

30th November 2023 | 10.00 AM

**A ONE DAY WORKSHOP ON
"FIRE SAFETY AND IMPORTANCE"**

VENUE:
VIGNAN'S INSTITUTE OF INFORMATION TECHNOLOGY (A)
DUVVADA , VISAKHAPATNAM

ORGANISED BY :: IQAC





VIGNAN'S

INSTITUTE OF INFORMATION TECHNOLOGY
(AUTONOMOUS)

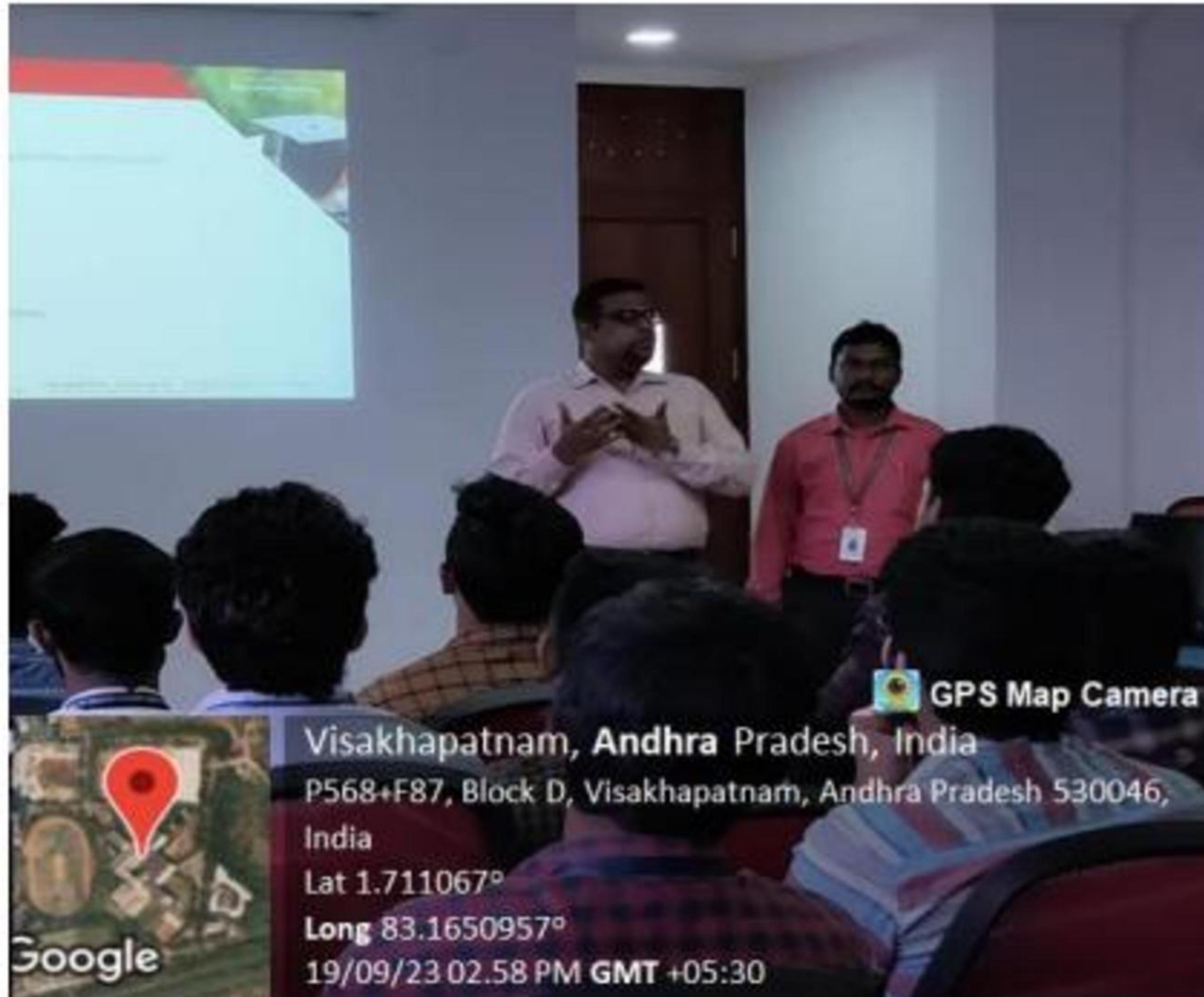
(Approved by AICTE-New Delhi & Affiliated to JNTUGV, Vizianagaram)
Beside VSEZ, Duvvada, Vadlapudi Post, Gajuwaka, Visakhapatnam - 530 049.

FDP on Embedded Systems, Smart Sensors for IOT Applications





Three-day Workshop on “Research Methodology”





VIGNAN'S INSTITUTE OF INFORMATION TECHNOLOGY

(AUTONOMOUS)

(Approved by AICTE-New Delhi & Affiliated to JNTUGV, Vizianagaram)
Beside VSEZ, Duvvada, Vadlapudi Post, Gajuwaka, Visakhapatnam - 530 049.

Participation Certificates

Supported by

alteryx SPARKED

AICTE

Ministry of Education
Government of India

ATAL

EduSkills®
Nation Building Through Skills

Hosted by

Raghu Engineering College

**AICTE ATAL - EduSkills Faculty Development Program (FDP)
on Data Analytics Process Automation**

Certificate of Completion

Presented to

NARAYANAM. R S LAKSHMI PRASANTHI

of

Vignan's Institute of Information Technology (Autonomous)

has participated and completed successfully 6 Days AICTE Training & Learning (ATAL) Academy - EduSkills Faculty Development Program (FDP) on "Data Analytics Process Automation" hosted by Raghu Engineering College, Andhra Pradesh from 11th to 16th March 2024.

Olivia Duane Adams
Olivia Duane-Adams
Chief Advocacy Officer (CAO)
Alteryx

Dr. Satya Ranjan Biswal
Dr. Satya Ranjan Biswal
Chief Technology Officer (CTO)
EduSkills

Dr. Ramesh Unnikrishnan
Dr. Ramesh Unnikrishnan
Adviser, All India Council for Technical Education (AICTE)
Ministry of Education, Government of India

C. No : 06052006110317160324

**INSTITUTION'S
INNOVATION
COUNCIL**
(Ministry of Education Initiative)

NATIONAL INSTITUTE OF TECHNOLOGY MIZORAM
(An Institution of National Importance under Ministry of Education, Govt. of India)
Chaitlang, Aizawl- 796012, Mizoram, India

**MISTIC
MIZORAM**

PARTICIPATION CERTIFICATE

This certificate is presented to....., **Lekkala Nalini, Assistant Professor**, for attending the MISTIC-sponsored 5-Days workshop (*Hybrid mode*) on '**IPR Awareness and Skill Development with special reference to Patents & Start -Ups'** organised by IPR Cell NIT Mizoram from **16th March to 20th March 2024**.

Saurav Suman
Dr. Saurav Suman
Nodal Officer, IPR Cell NIT Mizoram

Prof. S. Sundar
Prof. S. Sundar
Director

Explore and pursue a career of choice

The curriculum reflects the developmental goals and learning outcomes of students who come to the Institute with a clear sense of their goals. A student can chalk out a clear path in tune with his career goals by opting for a course suiting his career aspiration.

UG Courses

B.Tech Courses

- » Artificial Intelligence & Data Science
- » Computer Science & Engineering
- » Computer Science & Engineering (Cyber Security)
- » Computer Science & Engineering (AI)
- » Computer Science & Engineering (Data Science)
- » Civil Engineering
- » Electrical & Electronics Engineering
- » Electronics & Computer Engineering
- » Electronics & Communication Engineering
- » Information Technology
- » Mechanical Engineering

PG Courses

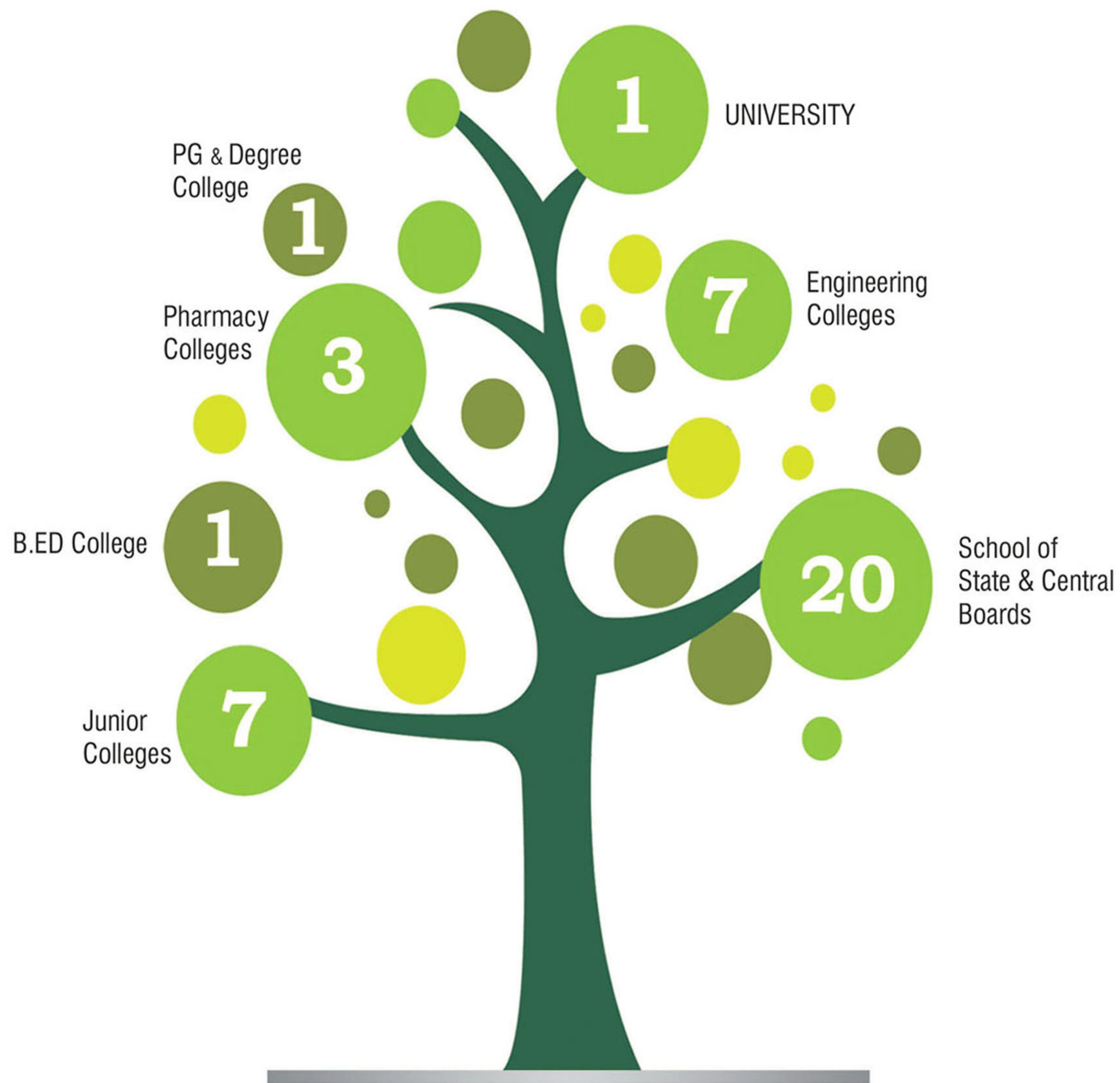
M.Tech Courses

- » Artificial Intelligence & Machine Learning
- » Computer Science & Engineering
- » Digital Electronics & Communication Systems
- » Electronics & Communication Engineering
- » Information Technology
- » Machine Design
- » Power & Industrial Drives
- » Transportation Engineering

MBA & MCA Courses

- » Master of Business Administration
- » Master of Computer Applications





VIGNAN'S

INSTITUTE OF INFORMATION TECHNOLOGY
(AUTONOMOUS)

Accredited by NAAC with 'A+' Grade (CGPA of 3.40/4.00)
DUVVADA, VISAKHAPATNAM

