

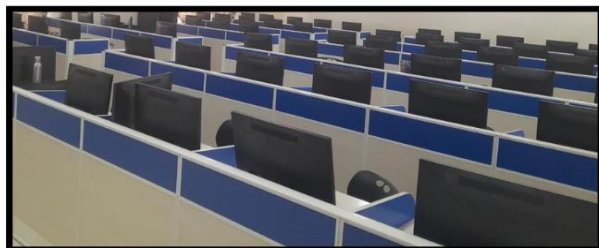


**KALLAM HARANADHAREDDY
INSTITUTE OF TECHNOLOGY**



I.T - EPITOME

YEAR : 2022 VOL : 1



**DEPARTMENT OF
INFORMATION TECHNOLOGY**



I.T - EPITOME



VOL. 1, 2022

Volume: 1- July to Dec 2022

DEPARTMENT VISION

To emerge as a hub of excellence in Information Technology by producing technically proficient and ethically strong IT professionals to meet the evolving needs of industry and society.

DEPARTMENT MISSION

1. To deliver quality instruction in Information Technology through competent faculty and state-of-the-art laboratories and preparing graduates for successful careers in I.T enabled services.
2. To empower students with a socially relevant and industry-oriented curriculum, supported by innovative teaching methods and an outcome based evaluation process.
3. Equip students with the skills and knowledge to excel in professional careers, pursue higher education, and launch successful entrepreneurial ventures.
4. Instill in students strong ethical values, a sense of responsibility, and a commitment to using their IT skills for the betterment of society and the environment.
5. To collaborate with top institutes and industries to derive research and innovation, making the department as center for R&D.

PROGRAMME EDUCATIONAL OBJECTIVES

1. The graduates are able to possess strong foundation in core Information Technology principles enabling them to pursue successful careers in the IT industry and contribute effectively to the advancement of technology and society.
2. The graduates are able to apply analytical and computational techniques to design, implement, evaluate and maintain IT based solutions that are technically proficient, economically feasible and socially acceptable.

3. The graduates are able to Communicate effectively, demonstrate professionalism, collaboration, ethical attitude, team spirit and pursue lifelong learning to achieve career, organizational and societal goals.

PROGRAMME SPECIFIC OUTCOMES

PSO 1: Apply core principles and concepts of Information Technology to analyze and design solutions for complex engineering and societal problems.

POS 2: Integrate knowledge of emerging technologies, programming languages, web programming, and modern tools to design and develop IT-based solutions.

PO 3: Develop skills through experiential learning to foster innovation and entrepreneurship.

CONTENTS

- **TECH INSIGHTS**
- **STUDENT ACHIEVEMENTS**
- **UPSKILLING & CERTIFICATIONS**
- **FACULTY ACHIEVEMENTS**
- **INVITED TALKS**
- **ITFT STUDENT CHAPTER ACTIVITIES**

1. TECH INSIGHTS

Unpacking the Rise of Generative AI

Being a student of information technology, I am always excited about the latest technologies that emerge in the world. One such awesome invention of this century is ChatGPT, a generative AI model. Currently, very few people understand its potential fully, yet it can perform miracles: from generating lifelike images to writing stories and even composing music with a couple of clicks. What once required skilled professionals has opened to one and all, unleashing a storm of creativity across industries. Be it ideating over new concepts, creating personalized art, or simply making the production of content that much more efficient, generative AI has proven invaluable.

Yet, as breathtaking as these technologies may be, they do have weaknesses. From spreading misinformation through biased AI-created content to anxieties about suppressed human creativity, ethical considerations make many stops in their tracks and wonder where to draw the line. Indeed, there is huge potential in

refining generative AI for more responsible uses over the coming years. Our key concern should be to make the systems transparent, fair, and accountable.

Personally, I would like to contribute to this field in the future, probably through research that will be channelled into addressing these challenges. For example, the introduction of better filters to reduce harmful or biased outputs and the promotion of collaboration between AI and humans could result in more meaningful applications. Furthermore, integrating generative AI education into the curriculum would teach students to use these tools effectively while preserving their creative instincts.

By overcoming these challenges and fostering innovation, we will be able to ensure that generative AI becomes a force for good: one that empowers people to achieve more without losing the magic of human ingenuity. The future is exciting, and it is up to us to shape it thoughtfully.

By: V.SAI PRAVEENA (198X1A1253)

2. STUDENT ACHIEVEMENTS

2.1.1 ACADEMIC EXCELLENCE

MERIT SCHOLARSHIPS

The following students received the merit scholarships for their outstanding performance in AY:2020-2021.

S.NO	ROLL NO.	NAME OF STUDENT	CGPA
1	198X1A1261	CHINTHA BHAVANA	7.96
2	198X1A1246	TELAGANETI NANDINI	7.95
3	198X1A1250	VAMSI KRISHNA REDDY PALAPARTHI	7.92
4	198X1A1236	PALAPARTHI GAYATHRI REDDY	7.61
5	198X1A1258	BHUVANAGIRI MARUTHI LALITHA	7.45
6	198X1A1247	THIYYAGURA VENKATA GAYATRI	7.28
7	208X1A1204	DADE SWETHA	8.92
8	208X1A1210	GONTLA VASAVI SINDHU	8.77
9	208X1A1205	DANTHULURI VENGALA RAO	8.7
10	208X1A1230	PULI SAI BHANU MANASA	8.7
11	208X1A1223	NAKKA DHANALAKSHMI	8.54
12	208X1A1213	KADIYALA DIVYASRI	8.47

- P.Vamsi (208X1A1225), selected for JNTU Kakinada Basketball (Men) Team as per the recommendations of JNTUK-Selection Committee.

2.1.2 PLACEMENTS

- **SHAIK AMEEN BASHA (198X1A1243)**, got placed as Assistant System Engineer-Trainee in Tata Consultancy Services Limited in off-campus drive on 08.06.2022 with package of 3.36 LPA.
- **Annavarapu Chandrasekhar Reddy (198X1A1203)** got placed as Software Engineer in QSPIDER in on-campus drive on 29.10.2022 with package of 3.6 LPA.
- **Annavarapu Chandrasekhar Reddy (198X1A1203)** got placed as Associate Software Trainee in OSI in off-campus drive on 23.12.22 with package of 5 LPA.
- **Annavarapu Chandrasekhar Reddy (198X1A1203)** got placed as Trainee, Grade T-1 in SLK Software in off-campus drive on 26.12.22 with package of 3.25 LPA.
- **BELLI BHAVANI (198X1A1204)** got placed as Associate in Sutherland Global Solutions, in on-campus drive on 12.12.22 with package of 2.5 LPA.
- **Challa Gopi (198X1A1210)** got placed as Associate in Sutherland Global Solutions, in on-campus drive on 12.12.22 with package of 2.5 LPA.

- **Shaik Afrid (198X1A1242)** got placed as Associate in Sutherland Global Solutions, in on-campus drive on 12.12.22 with package of 2.5 LPA.
- **UMMANENI MOHAN RAM SUBRAMANYAM (198X1A1248)** got placed as Software Engineer in QSPIDER, in on-campus drive on 12.12.22 with package of 3.6 LPA.
- **VAMSI KRISHNA REDDY PALAPARTHI (198X1A1250)** got placed as Software Engineer in QSPIDER, in on-campus drive on 12.12.22 with package of 3.6 LPA.
- **CHIGURUPATI ANKITHA (198X1A1259)** got placed as Jr.Data Engineer in ANBLICKS, in off-campus drive on 12.12.22 with package of 6 LPA.
- **CHINTHA BHAVANA (198X1A1261)** got placed as Associate in Sutherland Global Solutions, in on-campus drive on 12.12.22 with package of 2.5 LPA.

3. UPSKILLING & CERTIFICATIONS

- Dr.MD.Sirajuddin, Professor & Head, Dept. of I.T, successfully completed the AICTE-ISTE approved Orientation/Refresher Programme on “Cyber Security, Digital Forensics and Blockchain Technology, held during 24.05.2021 to 29.05.2021 organized by LNM Institute of Information Technology, Jaipur, Rajasthan.
- R19 III B.Tech II I.T students completed the course **Data Analytics with Python** offered through **SWAYAM-NPTEL** Platform during Jan-April-2022.
- R20A II B.Tech I Semester students completed **Industry Oriented C Programming** course offered through **CodeTantra**.
- R20 III B.Tech I Semester Students completed **MongoDB** certification course offered through **CodeTantra**.
- R20 III B.Tech I Semester Students achieved **95.83%** result in Software Testing (noc22-cse61) Course offered through **SWAYAM-NPTEL** during Jun-Dec 2022.
- R20 III B.TECH I Semester Students completed **Community Service Projects** on various domains to address societal issues by using technological advancements.
- Organized One Week Workshop on **MongoDB** for III Year and IV Year IT Students from **17.10.2022 to 22.10.2022** at IT-Lab, KHIT.

KALLAM HARANADHAREDDY
INSTITUTE OF TECHNOLOGY
(Autonomous)

One Week Workshop on
MongoDB

Organized by
Department of Information Technology
in Association with **CodeTantra**

Dates: 17.10.2022 To 22.10.2022
Offline Mode
Time: 10:00 am -04.30 pm

Faculty Coordinator:
Dr.Ch.Anusha- 7995633992
Student Coordinator:
Sk.Sohail (208X1A1238)
K.Divasri (208X1A1213)



- Dr.MD.Sirajuddin, Professor & Head, Department of I.T, participated in ***One Week National Level Online FDP on Societal Applications of Machine Learning***, 26-30 December 2022 organized by Sri Vishnu Engineering College for Women, Bhimavaram, Andhra Pradesh.

4. FACULTY ACHIEVEMENTS

- Dr.MD.Sirajuddin, Associate Professor & Head, Department of IT, Published research article entitled “ **Hybrid Cryptographic Scheme for Secure Communication in Mobile Ad Hoc Network-Based E-Healthcare System**”, in **Wireless Communications and Mobile Computing**, Vol.2022, Issue.1.
- Dr.Ch.Anusha, Associate Professor of I.T Department received **Best Sangankyantram Teacher of the Year Award** from the **JURY OF ITAP** on 02.10.2022.



5. INVITED TALKS

- Organized an Invited Talk on **“Machine Learning”**, delivered by Dr.D.Nagaraju, Associate Professor, Department of SCOPE, VIT-AP University on 27.08.2022 for III & IV Year I.T Students.
- Organized an Invited Talk on **“Communication Technologies”**, delivered by Dr.S.Suryanarayan, Professor, Department of ECE, KHIT on 24.10.2022 for III & IV Year I.T Students.
- Conducted a Webinar on **“Cyber Security”**, delivered by Dr.Ch.Rupa, Professor, Department of CSE, V.R Siddhartha Engineering College, Vijayawada on 17.09.2022.

6. ITFT STUDENT CHAPTER ACTIVITIES

- Information Technology Future Technocrats (ITFT), Student Association of Information Technology was inaugurated on 24.06.2022 with the following objectives.
 - i. To nurture the skillset of individual student
 - ii. To enhance the communication and presentation skills of students
 - iii. To facilitate a platform to organize various Curricular and Co-Curricular Events.
 - iv. To enable students to exhibit their skillset and also enhance their skills by participating in various Curricular and Co-curricular activities.

ITFT MEMBERS

ITFT Faculty Coordinators		1. Dr.MD.Sirajuddin, Professor & Head, Department of I.T 2. Mr.BVVH Chandrasekhar, Assistant Professor
STUDENT MEMBERS		
S.NO.	ROLES & RESPONSIBILITIES	STUDENT DETAILS
1.	President	ANNAVARAPU CHANDRA SEKHAR REDDY (198X1A1203)
2.	Vice President	DEVINENI BHARGAVI (198X1A1217)
3.	Deputy President	P.SAI BHANU MANASA (208X1A1230)
4.	General Secretary	B.UMA SANKAR (208X1A1241)
5.	Joint Secretary	SK.SHAHEENA (208X1A1237)
6.	Treasurer	A.MANOJ (208X1A1202)
7.	Event Coordinators	1. SK. SOHAIL (208X1A1238) 2. K. DIVYASRI (208X1A1213) 3. SHAIK SOHEL (218X1A1237) 4. G.SRI SAI AMRUTHA (218X1A1253)
8.	Editors & Photography	1. IZAK PAUL (208X1A1209) 2. J. SRAVANI (218X1A1212)
9.	Hospitality Coordinators	1. V. MANIDEEPA (218X1A1243) 2. K. SASI VARDHAN (218X1A1216)
10.	Discipline Coordinators	1. P.SUDHEER (218X1A1225) 2. K.SAHITHYA (218X1A1213)
11.	Advertising Coordinators	1. A.NARENDRA KUMAR (208X1A1249) 2. T.HARSHITHA (208X1A1212)





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EDITORIAL TEAM

- **Dr.MD.Sirajuddin Professor & Head, Department of I.T, KHIT**
 - **Mr.BVVH Chandra sekhar, Asst. Professor, Department of I.T,KHIT**
1. **T.Nandini (198X1A1246)**
 2. **Sk.Ameen Basha (198X1A1243)**
 3. **CH.Ankitha (198X1A1259)**
 4. **Sk.Sohail (208X1A1238)**
 5. **Sk.Asmatulla (208X1A1236)**

KHIT