



Geethanjali College of Engineering and Technology

(UGC Autonomous Institution)

Cheeryal (V), Keesara (M), Medchal-Malkajgiri Dist., Telangana - 501 301

(Approved by AICTE, Permanently Affiliated to JNTUH,

Accredited by NAAC with 'A+' Grade, Accredited by NBA, ISO 9000:2008 Certified)

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**DEPARTMENT OF
COMPUTER SCIENCE AND ENGINEERING**

TECH EPISTLE

NEWSLETTER

VOLUME 11, ISSUE 2

JANUARY - JUNE 2023



Chairman: Sri G. R. Ravinder Reddy

Principal: Dr. S. Udaya Kumar

Dean, School of Computer Science and Informatics:

Dr. V. Madhusudan Rao, Professor

Head of the Department:

Dr. A. SreeLakshmi, Professor

Editorial Committee:

Dr. B.V. Swathi, Professor

Mr. Y. Siva, Assistant Professor

Mr. Bh. Bhujanga Reddy,

Assistant Professor

Advisory Committee:

Dr. N. Ravi Shankar, Professor

Dr. Puja S Prasad, Associate Professor

Dr. G. SomaSekhar, Associate Professor

Dr. K. Kamakshaiah, Associate Professor

Dr. K. Krishna Jyothi, Associate Professor

Dr. G. Kalyani, Associate Professor

Dr. A. Hari Prasad, Associate Professor

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Vision of the Department

- ◆ To produce globally competent and socially responsible computer science engineers contributing to the advancement of engineering and technology which involves creativity and innovation by providing excellent learning environment with world class facilities.

Mission of the Department

- ◆ To be a centre of excellence in instruction, innovation in research and scholarship, and service to the stake holders, the profession, and the public.
- ◆ To prepare graduates to enter a rapidly changing field as a competent computer science engineer.
- ◆ To prepare graduate capable in all phases of software development, possess a firm understanding of hardware technologies, have the strong mathematical background necessary for scientific computing, and be sufficiently well versed in general theory to allow growth within the discipline as it advances.
- ◆ To prepare graduates to assume leadership roles by possessing good communication skills, the ability to work effectively as team members, and an appreciation for their social and ethical responsibility in a global setting.

Department News and Achievements

- ◆ A Total of **03 Faculty Members** – **Mrs. G. Lokeshwari, Mr. R.V. Sudhakar, Mr. K. Raghu**, awarded with **Ph.D Degree**, during Jan - June 2023.
- ◆ **Mr. K. Surya Vardhan Reddy (19R11A0568) and Mr. Gade Harsha Vardhan (19R11A05A4)**, 2023 Graduating Batch were hired by the **COMMVAULT Company** and received a **salary package of 31 Lakhs per year** and as well as an **internship offer of 42K per month**.
- ◆ **Mrs. S. Radha** Recognized as “**NPTEL DISCIPLINE STAR**” in the Domain of “**Computer Science and Engineering - Systems**” from **SWAYAM NPTEL**.
- ◆ CSE Department established **MoU with ACCELQ** for “**Software Testing and Automation**” on 18-06-2022. A Total of **26 students** completed internship and certification of “**ACCELQ Automation Engineer**” under the MoU during **MAY 2023 to JUNE 2023**.
- ◆ A Total of **46 students** qualified in **GRE / IELTS / TOFEL / Duolingo exam** during Academic Year 2022-2023.
- ◆ A Total of **Twelve Students** of CSE Department were received “**Certificate of Excellence**”, for Outstanding Performance and Lasting Contribution on the successful completion of **UBA Project titled “Rampally Dayara Property Tax Management System”** during April 2022 to Feb 2023. This Project is funded by “**UNNAT BHARAT ABHIYAN**” in collaboration with “**Indian Institute of Technology**”, Delhi, and **Ministry of Education, GoI**, organized by the **National Service Scheme Unit of Geethanjali College of Engineering and Technology, Cheeryal(V), Medchal Dist., Telangana**. The **funding amount** for the sanctioned project is **Rs.53,000**.
- ◆ A Total of **10 Faculty members** completed the courses in **SWAYAM NPTEL / MOOC Courses** during **JAN - JUNE 2023**.

Department News and Achievements

- ◆ On the eve of **Cantilever Achiever's Day**, **Mr. A LAKSHMI JAYANTH (20R11A0501)**, **Mr. SHRIKERRA BERAAR (20R11A0552)**, and **Mr. MOHAMMAD SHOAI B (20R11A05M1)**, received an award for their **Outstanding Performance in CANTILEVER Training** and **outstandingly completed Industry based training on Software Development**, held on 01-July-2023 at **T-HUB, Hyderabad**.
- ◆ A Total of **06 Students** completed the courses in **SWAYAM NPTEL** Courses during **JAN - JUNE 2023**.
- ◆ **Mrs. T. Neelima**, Assistant Professor, Department of CSE, **Qualified in UGC NET-2023**.
- ◆ **Mr. D. Bheekya**, Assistant Professor, Department of CSE, **Qualified in APRCET**, on Dec, 2022.

Campus News

- ◆ **Geethanjali College of Engineering and Technology**, achieved in the **Rank Band of 101-150 in National Institutional Ranking Framework (NIRF) - INNOVATION 2023 Category** by the **Ministry of Education - Innovation Cell, Government of India**.
- ◆ **Geethanjali College of Engineering and Technology** has been **accredited with A+ Grade** in the **National Rural Institutions Sustainability Grading (NRISG) 2022-23**, by **MGNCRE (Mahatma Gandhi National Council of Rural Education), Ministry of Education, Government of India**. Out of the five pronged sustainability parameters of the NRISG, the college has been awarded with **'A+' Grade** for **Green Cover on Campus, Surface Water Harvesting, Roof-top Water Harvesting, Rooftop Solar System and Water Management**.
- ◆ **Memorandum of Understanding (MoU) signed** between **GEEETHANJALI COLLEGE OF ENGINEERING & TECHNOLOGY** and **T-HUB, Hyderabad, Telangana**, on 01-July-2023.
- ◆ **Memorandum of Understanding (MoU) signed** between **Geethanjali College of Engineering & Technology** and **Acuvate Software Pvt. Ltd.**, on 29-Dec-2022.
- ◆ **Memorandum of Understanding (MoU) signed** between **Geethanjali College of Engineering & Technology** and **Infosys Limited.**, on 01-July-2023. Through this MoU, **Infosys Springboard platform** provides a curriculum-rich virtual platform that delivers corporate grade learning experiences, on any device, with closer educator-learner collaboration for students from class 6 to lifelong learners.

Faculty Achievements

- ◆ **Dr. G. Lokeshwari**, Associate Professor, CSE Department, was awarded with **Ph.D Degree** in the research area of **"Information Security"**, from **JNTU, Hyderabad**, on March, 2023.



Dr. G. Lokeshwari

Faculty Achievements

◆ **Dr. K. Raghu**, Associate Professor, CSE Department, was awarded with **Ph.D Degree** for the Thesis Titled **“Emotion Recognition in Speech using various approaches”** in the research area of **“Deep Learning”**, from **KAKATIYA UNIVERSITY**, Warangal, on February, 2023.

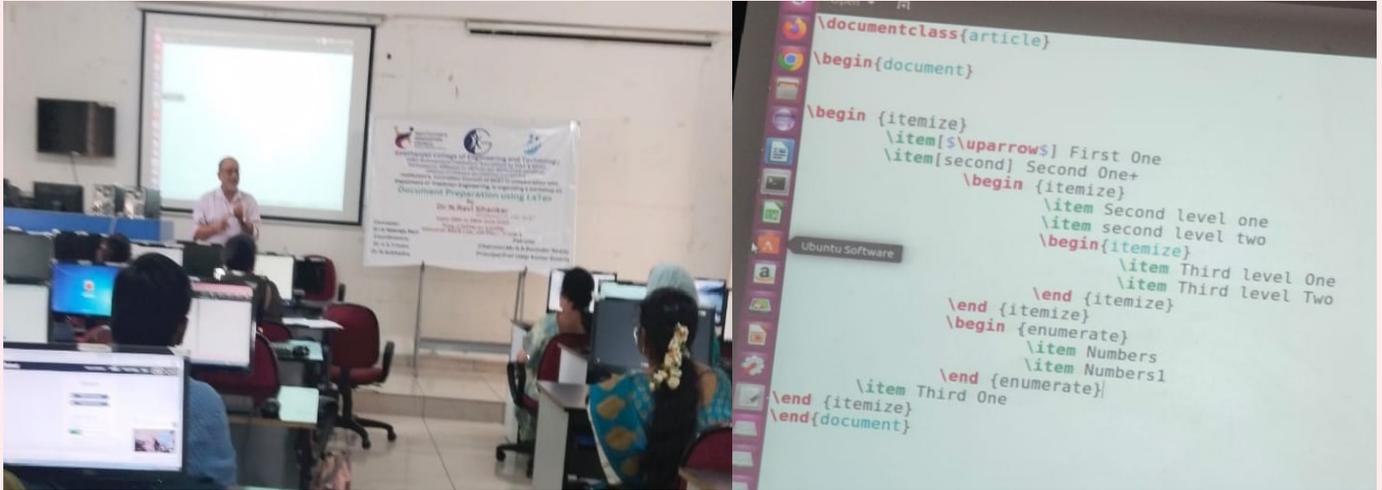


Dr. K. Raghu

- ◆ **Dr. R.V. Sudhakar**, Associate Professor, Department of CSE, was awarded with **Ph.D Degree** for the Thesis Titled **“A Novel Approach for Securing Data using Firefly Optimization algorithm and Artificial Neural Networks”** in the research area of **“Artificial Intelligence”**, from **JNTU, Hyderabad**, on April, 2023.
- ◆ **Mrs. S. Radha**, Assistant Professor, Department of CSE, was Recognized as **“NPTEL DISCIPLINE STAR”** in the **Domain** of **“Computer Science and Engineering - Systems”** and received **Certificate of Appreciation** for the completion of more than 50 weeks of NPTEL Learning(4 Core Courses + 2 Elective Courses) and certified in 4 Core Courses and 2 Elective Courses .
- ◆ **Mrs. S. Radha**, Assistant Professor, Department of CSE, was Recognized as **“NPTEL BELIEVER”** and received **Certificate of Appreciation** for being certified in **Four NPTEL Courses** during the period Jan to April 2023.
- ◆ **Mrs. S. Radha**, Received **“Elite + Silver” - NPTEL certification** for the course titled **“Foundation of Cloud IOT Edge ML”** during the period Jan to April, 2023.
- ◆ **Dr. Puja S Prasad**, Associate Professor, Department of CSE, acted as a **Reviewer** for **DELCON 2023 - An IEEE Delhi section owned conference**, organized by CHITKARA University, Punjab, held from 24th to 26th Feb, 2023.
- ◆ **Dr. Puja S Prasad**, Associate Professor, Department of CSE, was the **FDP Coordinator** for the FDP titled **“Machine Learning and Deep Learning”**, organized by CSE Dept. of Geethanjali College of Engineering and Technology, held from 20th to 24th June, 2023.
- ◆ **Dr. G. SomaSekhar**, Associate Professor, Department of CSE, acted as a **Reviewer** for **Advances in Science, Technology and Engineering Systems Journal (ASTESJ)**, issued on 22-Feb-2023.
- ◆ **Dr. G. SomaSekhar**, Associate Professor, Department of CSE, acted as a **Reviewer** for Scopus indexed journal **“Majlesi Journal of Electrical Engineering”**.
- ◆ **Dr. G. SomaSekhar**, Associate Professor, Department of CSE, was received **IEEE CIS MGM award** from **IEEE**, on February, 2023.
- ◆ **Mrs. T. Neelima**, Assistant Professor, Department of CSE, **Qualified in UGC NET-2023**.
- ◆ **Mr. D. Bheekya**, Assistant Professor, Department of CSE, **Qualified in APRCET**, on Dec, 2022.

Faculty Achievements

- ◆ **Dr. N. Ravi Shankar, Professor & CoE**, Department of CSE, was the **Resource Person** for the Workshop Titled “**Document Preparation using LaTeX**”. The Workshop held at Geethanjali College of Engineering and Technology, Cheeryal(V), during 26th June to 28th June, 2023.



Dr. N. Ravi Shankar, Resource Person for the Workshop on “Document Preparation using LaTeX”.

- ◆ A Total of four faculty members - **Mrs. P. Ushashree**, Assistant Professor, Department of CSE, **Mrs. D.S.V. Jyothi**, Assistant Professor, Department of CSE, **Mr. Y. Siva**, Assistant Professor, Department of CSE, **Mrs. S.L. Anusha**, Assistant Professor, Department of CSE, were awarded with the “**ACCELQ Automation Engineer Certificate**” for successfully completing the requirements set by the **ACCELQ Academy** during May 2023 to June 2023.

Distribution of “ACCELQ Automation Engineer Certificate”:



Y. Siva

P. Ushashree

D.S.V. Jyothi

S.L Anusha

- ◆ **Mrs. P. Ushashree**, Assistant Professor, Department of CSE, and **Mrs. D.S.V. Jyothi**, Assistant Professor, Department of CSE, were awarded with the “**ACCELQ Automation Expert**” for successfully completing the requirements set by the **ACCELQ Academy** during May 2023 to June 2023.
- ◆ **Mrs. P. Ushashree**, Assistant Professor, Department of CSE, was successfully completed the **Professional Certificate** course on “**Google IT Automation with Python**”, on 16th May, 2023, organized by **Google and Coursera**.

Faculty Achievements

- ◆ **Mrs. P. Ushashree**, Assistant Professor, Department of CSE, was successfully completed the project titled “**Build your first Machine Learning Pipeline using Dataiku**” on 11th May, 2023, organized by **Coursera Project Network**.
- ◆ **Mrs. Madhuri Gupta**, Assistant Professor, Department of CSE, has **undergone “Innovation Ambassador training - Advanced Level”**, conducted by MoE’s Innovation Cell & AICTE, during the IIC Calendar Year 2022-23, Issued on 03-April-2023.
- ◆ **Mr. G. Praveen Kumar**, Assistant Professor, CSE Department, and **Mr. P. Chandra Sekhar Reddy**, Assistant Professor, CSE Department, participated in training program on “**Bigdata**”, conducted by **WIPRO - TalentNext Advanced Technology Program**, held from 30-Jan-2023 to 03-Feb-2023.

Faculty Patents Published

- ◆ **Dr. N. Lakshmipathi Anantha**, Professor, Department of CSE, has secured a **patent publication** titled “**Artificial intelligence based approach to analyze the factors that are associated with head and neck cancer**” with the application number 202241064298, in November, 2022.
- ◆ **Mrs. K. Prathima**, Assistant Professor, Department of CSE, has secured a **patent publication** titled “**A Real Time Data Base Management System Enabled with Multiple Entity Split Exchange for Cyber Security**” with the application number 202241056435, in October, 2022.
- ◆ **A Total of six faculty members - Dr. Puja S Prasad**, Associate Professor, **Mrs. Radha Seelaboyina**, Assistant Professor, **Mrs. K. Durga Kalyani**, Assistant Professor, **Mrs. E. Swapna**, Assistant Professor, **Mrs. P. Sobha Rani**, Assistant Professor, **Mrs. S.L. Anusha**, Assistant Professor, **Mr. A. Bixapathi**, Assistant Professor, **Mr. T. Rakesh Kumar**, Assistant Professor, Department of CSE, were secured a **patent publication** titled “**Framework Design to reach out People in Emergency using Fog and Edge Computing**” with the application number 202241059951, in November, 2022.
- ◆ **Mrs. Radha Seelaboyina**, Assistant Professor, Department of CSE, was secured a **patent publication** titled “**Method and Apparatus for Face Recognition using Artificial Intelligence**” with the application number 202221053962, in Sept, 2022.
- ◆ **Dr. A. SreeLakshmi**, Professor & HOD-CSE, Department of CSE, was secured a **patent publication** titled “**Smart Plastic Waste Management Machine**” with the application number 378634-001, in 19th May, 2023.

Books / Book Chapters Published by Faculty

- ◆ **Dr. G. Somasekhar**, Associate Professor, Department of CSE, Published a Book Titled “**Basics of Object Oriented Systems**”, Alpha International Publication, Jan, 2023, ISBN:978-93-95978-83-5.
- ◆ **Mrs. P. Haritha**, Assistant Professor, Department of CSE, Published a Book Titled “**Introduction to Operating Systems**”, Bluerose Publishers Pvt. Ltd., First edition (26 January, 2023), ISBN-10 :9357044442, ISBN-13 : 978-9357044448.

Faculty Publications during Academic Year: 2022-23

S.No.	Faculty Name	Title of the Paper	Journal Name/ Conference	Volume No., Issue No., Page No., ISSN	Month & Year of Publication
1.	Dr. K. Krishna Jyothi	Design of Multi-Objective Based Artificial Intelligence Controller For Wind/Battery-Connected Shunt Active Power	Scilit - MDPI (Scientific Literature)	Algorithms 2022, 15, 256 https://doi.org/10.3390/a15080256 (SCi)	July, 2022
2.	Dr.Rakesh Kumar Donthi, G. Santhoshi, M. V.Lavanya, M. Akhila Reddy	Hybrid Approach of Multi-Attribute Data for Sentiment Analysis in Online Social Networks	Journal Of Algebraic Statistics	ISSN NO:1309-3452, Volume 13, Issue No. 3, Page No. 876-882 (Web Of Science)	July, 2022
3.	Dr. D. Rakesh Kumar, Dr. G. Soma Sekhar	Covid 19 vaccination classification of opinion mining with semantic knowledge based decision making	International Journal of Web and Semantic Technology	Volume-13, Issue No.03, ISSN: 0975-9026, (Web Of Science)	August, 2022
4.	E. Vijaya	Estimation of Spacecraft Telemetry Faults using SVM & K-Means Machine Learning Algorithm	TELEMATIQUE	ISSN NO: 1856-4194, Volume: 21, Issue:1,2022, Pg. No:2035-2044 (Web Of Science)	August, 2022
5.	Dr. A. Hari Prasad Reddy, V. Shiva Narayana Reddy	Abnormal Driving Detection In Video Using Alternative Wide Group Residual Densely	Journal of Positive School Psychology	ISSN No: 2717-7564, Volume:06, Issue No.8, Page No:160-167 (Scopus)	August, 2022
6.	M. Shiva Rama Krishna	Power allocation model for residential homes using AI-based IoT	Measurement: Sensors	ISSN : 2665-9174 (Scopus)	Sept, 2022
7.	Dr. G. Soma Sekhar	Stock administration framework utilizing AWS	International Journal of Scientific research in Engineering and Management	ISSN NO: 2582-3930, Volume: 06, Issue No. 10, 2022 (UGC)	Oct, 2022

Faculty Publications during Academic Year: 2022-23

S.No.	Faculty Name	Title of the Paper	Journal Name/ Conference	Volume No., Issue No., Page No., ISSN	Month & Year of Publication
8.	M Akhila Reddy, G.Santhoshi, Palvancha Shambhavi	A Fast and Accurate System For Missing Children Detection or identification using Deep learning	NeuroQuantology- An Interdisciplinary Journal of Neuroscience and Quantum Physics	ISSN NO: 1303-5150, Volume 20, Issue No.11, Pg.No.3433-3449 (Scopus)	Oct, 2022
9.	Puja S Prasad	Energy-efficient resource allocation with a combinatorial auction pricing mechanism	International Journal of Information Technology	ISSN NO: 2511-2112, (Scopus + UGC unpaid Journal) , DOI: 10.1007/s41870-022-01110-9	Oct, 2022
10.	Dr.N.Lakshmi-Pathi Anantha	Movie Recommendation System Using Deep Learning Techniques	Journal of Pharmaceutical Negative Results	ISSN: 2229-7723, Volume 13, Issue 4, Page No.1047-1051, https://doi.org/10.47750/pnr.2022.13.04.144 (Scopus Indexed)	Nov, 2022
11.	Dr. G. Soma Sekhar	Personal Expense Tracker utilizing Amazon Web Services	International Journal of Computer Trends and Technology	ISSN: 2231 – 2803, Volume 70, Issue 11, Page No: 8-14 (UGC) DOI : 10.14445/22312803/IJCTT-V70I11P102	Nov, 2022
12.	V. Shiva Narayana Reddy	Secure Voting System Using IRIS Recognition	GRADIVA REVIEW JOURNAL	ISSN: 0363-8057, Volume 8, Issue 12, pg no. 653-657, (Scopus)	Dec, 2022
13.	G. Santhoshi	Text to speech and speech to text recognition	GRADIVA REVIEW JOURNAL	ISSN: 0363-8057, Volume 8, Issue 12, pg. no.680-685, (Scopus)	Dec, 2022
14.	M. Vishwa shanthi, B. Mamatha	Diabetes prediction using machine learning	GRADIVA REVIEW JOURNAL	ISSN: 0363-8057, Volume 8, Issue 12, pg. no.692-697, (Scopus)	Dec, 2022

Faculty Publications during Academic Year: 2022-23

S.No.	Faculty Name	Title of the Paper	Journal Name/ Name of the Conference	Volume No., Issue No., Page No., ISSN	Month & Year of Publication
15.	S L Anusha, Dr. A. Hari Prasad Reddy	A Novel approach for Noise removal from under water Image	GRADIVA REVIEW JOURNAL	Volume 8, Issue 12, page no:1327-1338, ISSN: 0363-8057	Dec, 2022
16.	A. Abhilasha	The Model of Smart Sensing Device For Sensitive Nano clus- ters Modification in Sensing Properties	2nd International Conference on Advance Computing and Innovative Technologies in Engineering, 2022 SCOPUS (IEEE)	Accession Num- ber: 21884769, Electronic ISBN:978-1-6654 -3789-9 Print on Demand (PoD) ISBN:978- 1-6654-3790-5	July, 2022
17.	Dr. Puja S Prasad, C. Esther Varma	Face Recognition and Detection Algorithm—A Review	FTNCT Conference proceeding	ISSN: 978-981- 19-5037-7	Nov, 2022
18.	S. Radha	Secure Software Development Cycle: An Approach to Reduce the Risks of Cyber Attacks in Cyber physical sys- tems and Digital Twins	International Conference on Computational Intelligence in Machine Learning 2022	ICCIML 2022	Nov, 2022
19.	Dr. K. Krishna Jyothi, Dr. G. Kalyani	A Grey Wolf Integrated with Jaya Optimization based route selection in IoT Network	International Conference on Computational Intelligence in Machine Learning 2022	ICCIML 2022	Nov, 2022
20.	Dr. K. Krishna Jyothi, Dr. G. Kalyani	An Energy Efficient Mechanism using Block Chain Technol- ogy for Machine- Type Communication in LTE- Network	International Conference on Computational Intelligence in Machine Learning 2022	ICCIML 2022	Nov, 2022

Faculty Publications during Academic Year: 2022-23

S.No.	Faculty Name	Title of the Paper	Journal Name/ Conference	Volume No., Issue No., Page No., ISSN	Month & Year of Publication
21.	Dr. A. Hari Prasad Reddy	A Novel Approach for Face Mask Detection	GRADIVA REVIEW JOURNAL	ISSN: 0363-8057, Volume 8, Issue 12, Page no. 390-398, (Scopus)	Dec, 2022
22.	E. Mahender	Breast Cancer Risk Detection using XGB Classification Machine Learning Technique	IEEE International Conference on Current Development in Engineering and Technology	ISBN: 978-1-6654-5416-2, DOI: 10.1109/CCET56606.2022.10080076	April, 2023
23.	Radha Seelaboyina, K. Durga Kalyani, A Chandrakala, E. Swapna, P. Sobha Rani	Research on Student's Performance in Virtual Courses in the context of Artificial Intelligence	IEEE North Karnataka Sub-section Flagship International Conference	ISBN: 978-1-6654-5343-1, DOI: 10.1109/NKCon56289.2022.10126575	May, 2023
24.	Dr. Kogila Raghu	Speech Emotion Recognition System Performance Analysis With Optimized Features Using Different Classification Algorithms	Journal of Theoretical and Applied Information Technology	ISSN: 1992-8645, Volume 101, Issue No.4 (Scopus)	February, 2023
25.	Dr. K. Krishna Jyothi, Dr. G. Kalyani	Design of UPQC with Solar PV and Battery Storage Systems for Power Quality Improvement	Cybernetics and Systems	DOI: 10.1080/01969722.2023.2175144 (SCI)	March, 2023
26.	Thota Rakesh Kumar	Improved Bio-Inspired Algorithm Design for Prediction of heart Diseases	Journal of Survey in Fisheries Sciences	ISSN: 2368-7487327-331 Volume 10, Issue no: 2, DOI: https://doi.org/10.17762/sfs.v10i2S.311 (Scopus)	March, 2023

Faculty Publications during Academic Year: 2022-23

S.No.	Faculty Name	Title of the Paper	Journal Name/ Conference	Volume No., Issue No., Page No., ISSN	Month & Year of Publication
27.	Dr. K. Kamakshaiah	Human Computer Interaction Based Head Controlled Mouse	Journal of Positive School Psychology	ISSN No: 2717-7564, Volume:06, No.8,145-152 (Scopus)	July, 2022
28.	V Shiva Narayana Reddy	Virtual Paint And Volume Control Using Hand Gesture	Journal of Positive School Psychology	ISSN No: 2717-7564, Volume:06, No.8,153-159 (Scopus)	July, 2022

Student Qualified in SWAYAM NPTEL Courses during JAN - MAY 2023

S.No.	Student Name/ Roll Number	Course Name	Course Duration	Course Offered by the Institute	Certificate Type
1.	K. Siri Reddy (22R11A0519)	Technology Transfer Through Joint Venture	4 Weeks JAN-APRIL 2023	IIT Kharagpur	Elite+Silver
2.	G Srinivas Koushik (21R11A05C3)	Programming In Java	12 Weeks JAN-APRIL 2023	IIT Kharagpur	Elite
3.	B. Uma Mahesh (21R11A0562)	Programming In Java	12 Weeks JAN-APRIL 2023	IIT Kharagpur	Elite
4.	G Srinivas Koushik (21R11A05C3)	DataBase Management System	8 Weeks JAN-APRIL 2023	IIT Kharagpur	Elite
5.	Mamilla Rithika (21R11A05D0)	DataBase Management System	8 Weeks JAN-APRIL 2023	IIT Kharagpur	Elite
6.	Yavapuram Rahul (21R11A05L4)	DataBase Management System	8 Weeks JAN-APRIL 2023	IIT Kharagpur	Successfully completed

Faculty Qualified in SWAYAM NPTEL / MOOC Courses during JAN - JUNE 2023

S.NO.	Faculty Name	Course Name	Course Duration	Course Offered by the Institute	Certificate Type
1.	Mrs. S Radha, Assistant Professor	Foundation of Cloud IOT Edge ML	8 Weeks JAN-APRIL 2023	IIT Patna	Elite+Silver
2.	Mrs. S Radha, Assistant Professor	Computer Networks and Internet Protocol	12 Weeks JAN-APRIL 2023	IIT Kharagpur	Elite
3.	Mrs. S Radha, Assistant Professor	Ethical Hacking	12 Weeks JAN-APRIL 2023	IIT Kharagpur	Successfully completed
4.	Mrs. S Radha, Assistant Professor	Compiler Design	12 Weeks JAN-APRIL 2023	IIT Kharagpur	Successfully completed
5.	i) Mr. P. Chandra Sekhar Reddy, Assistant Professor ii) Mr. G. Praveen Kumar, Assistant Professor	Training program on BigData	30-01-2023 to 03-02-2023	Wipro Talent Next Advanced Technology Program	Certificate of Participation
6.	i) Mrs. P. Ushashree, Assistant Professor ii) Mrs. DSV. Jyothi, Assistant Professor iii) Mr. Y. Siva, Assistant Professor iv) Mrs. S.L. Anusha, Assistant Professor	Certified ACCELQ Automation Engineer	MAY to JUNE 2023	ACCELQ Academy	ACCELQ Automation Engineer Certificate
7.	i) Mrs. P. Ushashree, Assistant Professor ii) Mrs. DSV. Jyothi, Assistant Professor	Certified ACCELQ Automation Expert	MAY to JUNE 2023	ACCELQ Academy	ACCELQ Automation Expert Certificate
8.	Mrs. P. Ushashree, Assistant Professor	i) Google IT Automation with Python ii) Project: Build your first Machine Learning Pipeline using Dataiku	MAY, 2023	Google, Coursera	Professional Certificate

Student Achievements in Placements - CSE - 2019-2023 Batch

- ♦ Mr. K. Surya Vardhan Reddy (19R11A0568) and Mr. Gade Harsha Vardhan (19R11A05A4) of the CSE-2023 Graduating Batch were hired by the **COMMVault** Company and received a salary package of 31 Lakhs per year and as well as an internship offer of 42K per month.



FUTURENSE TECHNOLOGIES	amADEUS	amADEUS	amADEUS
			
LAKKIREDDY VINAY REDDY (19R11A05B5)	V. MYTHILLI (19R11A05K1)	NANDULA ROHAN KAUSIK (19R11A0581)	V. VARUN (19R11A05K0)
Salary Package: 12.5 Lakhs per Anum	Salary Package: 11.97 Lakhs per Anum	Salary Package: 11.97 Lakhs per Anum	Salary Package: 11.97 Lakhs per Annum



			
P. VIVEK VARDHAN (19R11A0583)	G. MAITHREYI (19R11A05F9)	GALIGUTTA VINAY REDDY (19R11A05A6)	PANYAM BADRINATH REDDY (19R11A05C9)
Salary Package: 9.5 Lakhs per Anum	Salary Package: 9.5 Lakhs per Anum	Salary Package: 9 LPA	Salary Package: 9 LPA



**KARRA PRA-
NATHI PRIYA**
(19R11A05M3)

**SHYAMALA SAI
KIRAN**
(19R11A05P6)

**ROHIT
ACHYUTUNI**
(19R11A0534)

**BHAVANA
BANURI**
(19R11A0581)

**AQSA
ZAREEN**
(19R11A0552)

Salary Package:
9 LPA



K BHARATH KUMAR
(19R11A05A9)

VANAMALA NITHIN
(20R15A0516)

**NUNE SAI
ANIKETH**
(19R11A0528)

**ARUN
VALLIAPPAN**
(19R11A0541)

Salary Package:
8 LPA

Salary Package:
8 LPA

Salary Package:
8 LPA

Salary Package:
8 LPA



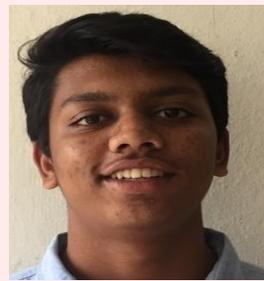
**ESLAVATH
AKHILA
(19R11A0508)**

**Salary Package:
7.5 LPA**



**GOUTE
BHARGAVI
(19R11A0514)**

**Salary Package:
7.5 LPA**



**M VARUN RAJ
(19R11A0578)**

**Salary Package:
7.5 LPA**



**MADDULA
MAHESH
REDDY
(19R11A05B7)**

**Salary Package:
7.5 LPA**



**DEEPTHI
NAMALA
(19R11A05C5)**

**Salary Package:
7.5 LPA**



**SAMYUKTHA
ALFRED
(19R11A05D4)**

**Salary Package:
7.5 LPA**



**JAYYARAPU SAI
VAMSHI
(19R11A05G8)**

**Salary Package:
7.5 LPA**



**PALLAPU
MANISHA
(19R11A05J2)**

**Salary Package:
7.5 LPA**



**MUTHYALA
VIVEK
(19R11A05N3)**

**Salary Package:
7.5 LPA**



**RITIKAA
KAILAS
(19R11A0589)**

**Salary Package:
7.0 LPA**

Student Achievements

- ◆ **Mr. V. Sai Prakash Chary (19R11A05E1)**, attended the **Asia's Largest Cyber Intelligence Conference and Expo** on 6th, 7th March, 2023 at Hitex Exhibition Center, Hyderabad, organized by **DIGIPOL**, Hyderabad.
- ◆ **Mr. E. Madhusudhan Yadav (20R11A05D4)**, was selected by **JNTUH** to compete in the **All India Inter University Boxing Tournament** Held at **Maharshi Dayanand University**, Rohtak, Haryana from 02-01-2023 to 10-01-2023.
- ◆ **Mr. R. Jayanth (20R11A05A2)** was selected by **JNTUH South-Zone Inter University** to compete in the game of "Chess" on 10th March, 2023, at **SRM University**, Chennai.
- ◆ On the eve of **Cantilever Achiever's Day**, **Mr. A LAKSHMI JAYANTH (20R11A0501)**, **Mr. SHRIKERAA BERAAR (20R11A0552)**, and **Mr. MOHAMMAD SHOAIB (20R11A05M1)**, all three students from the CSE Department, were received an award for their **Outstanding Performance in CANTILEVER Training** and **outstandingly completed Industry based training on Software Development**, held on 01-July-2023 at **T-HUB**, Hyderabad.



V. Sai Prakash Chary



E. Madhusudhan Yadav



R. Jayanth



Hyderabad, Telangana, India
ITC Koheenour, PLOT NO -1, opp. Sattva Buliding,
Craft Village, Madhapur, Hyderabad, Telangana 5



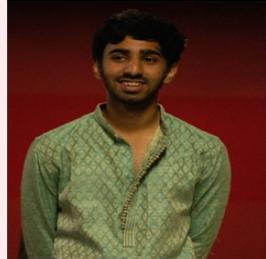
Cantilever Achiever's Day

- ◆ **Ms. K. Thanvi Shivani (20R11A0523)**, **Ms. K. Rohitha (20R11A0588)**, **Ms. K. Akanksha Reddy (20R11A0592)**, **Mr. M. Srisai Vishnu (20R11A0598)**, were participated in **Hyderabad Annual Cyber Security Knowledge Summit (HACK) 2023**, organized by **Hyderabad City Security Council (HCSC)**, Hyderabad, held on 12-04-2023.



Student Achievements

- ◆ Ms. KHUSHI JHA(20R11A0593), CSE Dept., Mr. MERUGU SAI THARUN (21R11A05P4), CSE Dept., Ms. PALLAVI KUMARI (21R11A05Q0), CSE Dept., Mr. ARYAN KODTE (20R11A6703), CSE-DS Dept., have won the second prize in **National Level 36-hour Hackathon**, conducted by **Institution's Innovation Council** at **Geethanjali College of Engineering and Technology**, held on 28th - 29th March, 2023.

			
KHUSHI JHA	ARYAN KODTE	PALLAVI KUMARI	MERUGU SAI THARUN

Academic Toppers of 2019-2023 Batch - CSE Department

I Rank	II Rank	III Rank	IV Rank	V Rank
				
NANDULA ROHAN KAUSIK	PEDDINENI JAHNAVI	MARKALA MANASWINI	BOLLABOINA MADHAVI	MYTHILI VISWANA-DHAPALLI
Roll Number: 19R11A0581	Roll Number: 19R11A05D0	Roll Number: 19R11A0575	Roll Number: 19R11A0555	Roll Number: 19R11A05K1
CGPA: 9.59	CGPA: 9.19	CGPA: 9.09	CGPA: 9.08	CGPA: 9.05

Student Paper Publications

- ◆ Puvvada Abhinaya (19R11A05J4), Rachapudi Jayani (19R11A05J5), published a research paper titled “**Stock Administration Framework Utilizing AWS**” in the journal titled “**International Journal of Scientific Research in Engineering and Management**”, Volume 6, Issue 10, ISSN: 2582-3930, DOI: 10.55041/IJSREM16587 , October, 2022.



P. Abhinaya

R. Jayani

Student Achievements

- ◆ A Total of 26 students completed **internship and certification of “ACCELQ Automation Engineer”** under the **ACCELQ - MoU** during 8th May, 2023 to 12th June, 2023. The Chief Guest for the ACCELQ internship certificate distribution was **Mr. N. Chandrakanth**, Vice President of Customer Success, ACCELQ, and **Mrs. Deepthi**, Director HR, ACCELQ. The overall faculty coordinator of ACCELQ Internship was **Mrs. P. UshaShree**, Assistant Professor, CSE Dept.

List of students completed internship:

S.No.	Roll Number	Student Name	Branch
1	21R11A0537	Rohith Pabba	CSE
2	21R11A0538	PaillaSaikumar Reddy	CSE
3	21R11A0550	Sunkannagari Venkatesh	CSE
4	21R11A0569	G.Sandhyarani	CSE
5	21R11A0574	J Sinduja	CSE
6	21R11A0589	Naveen Rampa	CSE
7	21R11A0595	Potharla Baby Shiva Naga Sriya	CSE
8	21R11A0597	Shivanoor Vignesh	CSE
9	21R11A05B7	Chebolu Sri charan	CSE
10	21R11A05B8	Ch Shiva Kumar	CSE
11	21R11A05C1	D. Sai Bhavani	CSE
12	21R11A05C3	G Srinivas Koushik	CSE
13	21R11A05D3	Mandha Ruchith	CSE
14	21R11A05D4	Varshith Mellachervu	CSE
15	21R11A05E3	A.Sai Bhagya Sree	CSE
16	21R11A05E5	Satyam Das	CSE
17	21R11A05F0	Suraj Kumar Panda	CSE
18	21R11A05F8	B Vignesh	CSE
19	21R11A05L4	Rahul Yavapuram	CSE
20	21R11A05P8	N Harika	CSE
21	21R11A05Q0	Pallavi Kumari	CSE
22	22R15A0503	Jelanela Krishnaveni	CSE
23	22R15A0504	Kondra Poojitha	CSE
24	22R15A0508	G Ashok	CSE
25	22R15A0514	Ejumalla Sai kiran	CSE
26	21R11A6729	Manogna Sri Chitralla	CSE-DS



- ◆ The Resource Persons for Accelq internship were **Mr. M Raja Krishna Kumar**, Software Engineer-Test Automation, and **Mr. Y.V.N. Phani Kishore**, Product Expert, Accelq.
- ◆ A Total of four faculty members - **Mrs. P. Ushashree**, Assistant Professor, **Mrs. D.S.V. Jyothi**, Assistant Professor, **Mr. Y. Siva**, Assistant Professor, **Mrs. S.L. Anusha**, Assistant Professor, were received “**Certificate of Appreciation**” for successfully **coordinating (Mentoring)** the internship program conducted by ACCELQ from 8th May, 2023 to 12th June, 2023.

Student Achievements

S.No.	Student Name/ Roll Number	Name of the Event	Name of the College/University	Date (s) of Participation	Specify Prize Won
1.	Vaishnavi Gandhi (19R11A0563)	NEN E- WEEK 2023	Geethanjali College of Engineering & Technology	20-05-2023	BEST EL (Entrepreneur Lead)
2.	Vaishnavi Gandhi (19R11A0563)	NEN E- WEEK 2023: Game of Entrepreneurs	Geethanjali College of Engineering & Technology	17-05-2023	I Prize
3.	Vaishnavi Gandhi (19R11A0563)	NEN E- WEEK 2023: Thrill and Grill	Geethanjali College of Engineering & Technology	19-05-2023	II Prize
4.	PEDDURI VEENA VANI (19R11A0587)	NEN E- WEEK 2023: Auct and Act	Geethanjali College of Engineering & Technology	20-05-2023	II Prize
5.	V. SAI PRAKASH CHARY (19R11A05E1)	NEN E- WEEK 2023: Auct and Act	Geethanjali College of Engineering & Technology	20-05-2023	I Prize
6.	V. SAI PRAKASH CHARY (19R11A05E1)	NEN E- WEEK 2023: Start 2 End	Geethanjali College of Engineering & Technology	20-05-2023	II Prize
7.	SURYA VAMSI CHADARAM (21R11A0599)	NEN E- WEEK 2023: Brandstorm	Geethanjali College of Engineering & Technology	16-05-2023	I Prize
8.	Jyothi Surana (20R11A05A6)	NEN E- WEEK 2023	Geethanjali College of Engineering & Technology	17-05-2023	Active Partici- pant in NEN E-Week 2023
9.	AQSA ZAREEN (19R11A0550)	NEN E- WEEK 2023	Geethanjali College of Engineering & Technology	17-05-2023	BEST Team Lead in NEN
10.	MD. Khalid Hasan Ansari (21R11A0534)	NEN E- WEEK 2023: Ideathon	Geethanjali College of Engineering & Technology	31-01-2023	II Prize
11.	C MONISH (20R11A05J9)	NEN E- WEEK 2023: Ideathon	Geethanjali College of Engineering & Technology	31-01-2023	III Prize

Faculty Development Programs

- ◆ One week Faculty Development Program on “Machine Learning and Deep Learning”, conducted from 20th June to 24th June, 2023, organized by the Department of Computer Science and Engineering of Geethanjali College of Engineering & Technology. The resource person for the FDP was Mr. Kiran Kumar Kandula, Data Scientist and Full Stack Developer, GEP Worldwide, Hyderabad, India. A Total of 50 faculty members from GCET and two members of External faculty were attended the FDP. The Coordinator for the FDP was Dr. Puja S Prasad, Associate Professor, CSE Dept., and Coordinator was Mrs. S.Radha, Assistant Professor, CSE Dept.



Fig. FDP on Machine Learning and Deep Learning

Student Internships during A.Y 2022-23 (IV Year Students)

S.No.	Student Name	Roll Number	Name of the Company	Stipend
1	P VIVEKVARDHAN	19R11A0583	DBS Technology	50000
2	G MAITHREYI	19R11A05F9	DBS Technology	50000
3	PANYAM BADRINATH REDDY	19R11A05C9	VALUE LABS	45000
4	GALIGUTTA VINAY REDDY	19R11A05A6	VALUE LABS	45000
5	K SURYAVARDHAN REDDY	19R11A0568	COMMVault	42000
6	GADE HARSHAVARDHAN	19R11A05A4	COMMVault	42000
7	KORAPOLU SRIYA	19R11A0519	Broadridge	30000
8	NALAMACHU SHREYA	19R11A0527	Broadridge	30000
9	PEESARI DILEEP REDDY	19R11A0530	Broadridge	30000
10	SHANKRAPOLLA SOWMYA REDDY	19R11A05J9	Broadridge	30000
11	NAGULAPALLI LASYA PRIYA	19R11A0579	Amadeus Software Labs	30000
12	VEESAMSHETTY VARUN	19R11A05K0	Amadeus Software Labs	30000
13	VISWANADHAPALLI MYTHILI	19R11A05K1	Amadeus Software Labs	30000
14	GANTAA JHANSI LAKSHMI	19R11A0510	Zemoso Technologies	20000
15	T SHAIENDRA SAINATH	19R11A0539	Zemoso Technologies	20000
16	KONDA HARSHITA	19R11A05B3	Zemoso Technologies	20000
17	LIKKI ABHINAY REDDY	19R11A05B6	Zemoso Technologies	20000
18	LAKSHMI PRASANNA	19R11A05E0	Zemoso Technologies	20000
19	BANDI RASMI REDDY	19R11A05E7	Zemoso Technologies	20000
20	BHEEMREDDY POOJITHA	19R11A05E9	Zemoso Technologies	20000
21	MEHAKAR MAHESH	19R11A0526	West Agile Labs	20000
22	SAMBARI MANIKANTA	19R11A0535	Brane Services Pvt Ltd	20000
23	PEDDURI VEENA VANI	19R11A0587	Brane Services Pvt Ltd	20000
24	RITIKAA KAILAS	19R11A0589	Arcadis IBI Group	20000
25	K. BHARATH KUMAR	19R11A05A9	Keka	20000
26	VANAMALA NITHIN	20R15A0516	Keka	20000
27	G NANDINI LAXMI PRIYA	19R11A05L5	BeeHyv	20000
28	V SAI PRAKASH CHARY	19R11A05E1	DSCI	16000
29	SAMMETA ASHOK KUMAR	19R11A0590	RealPage India Pvt Ltd	15000
30	PRAJNA S	19R11A05D2	Param People Infotech	15000
31	BOLLEPALLI SHUBHAM GOUD	19R11A05F0	Hexaware	15000
32	SIDDAM ROJA	19R11A05P7	Academor	15000
33	AKULA RAVI PRAKASH	19R11A0502	Cognizant	12000

Student Internships during A.Y 2022-23 (IV Year Students)

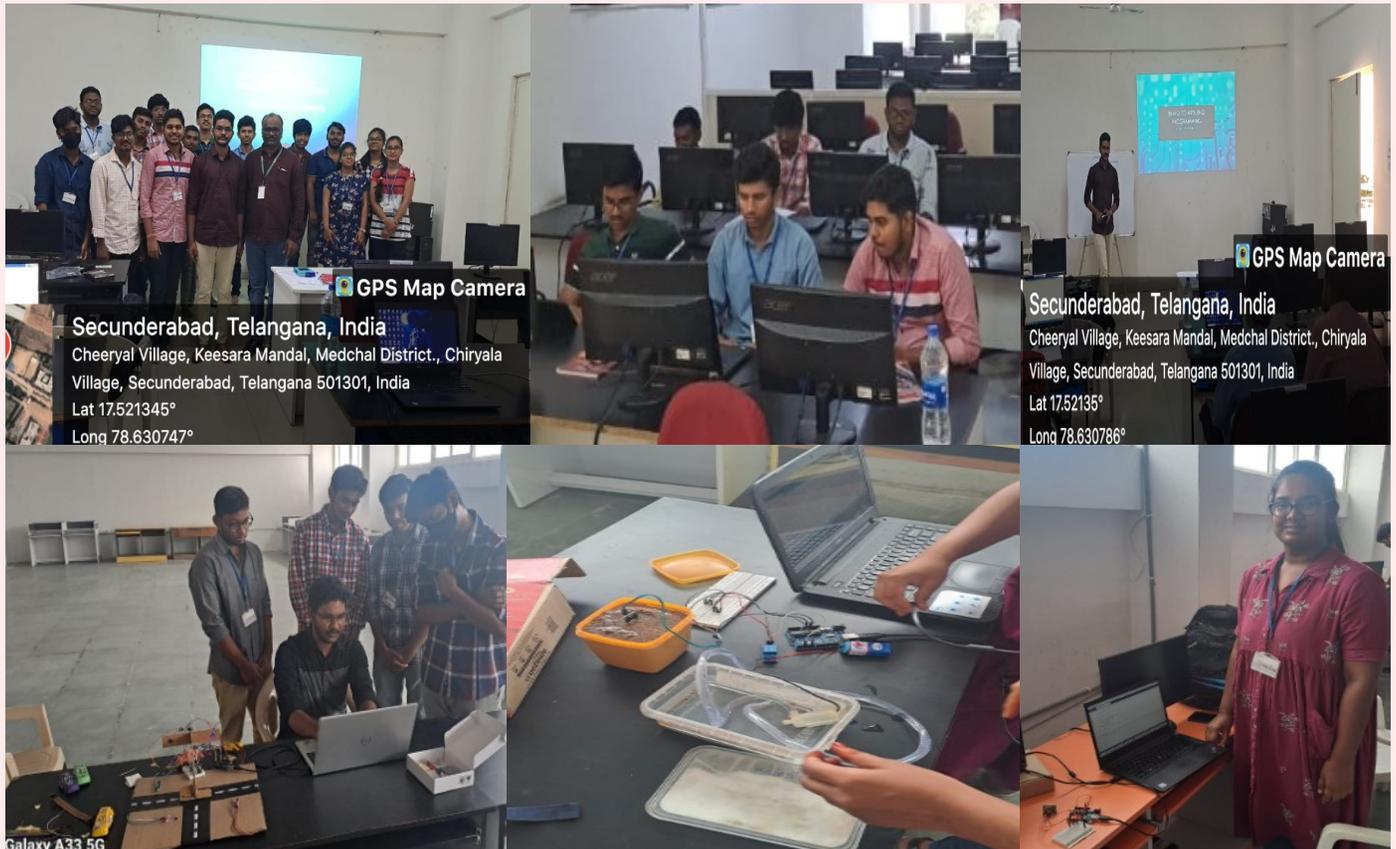
S.No.	Student Name	Roll Number	Name of the Company	Stipend
34	BASANGARI SREENIDHI REDDY	19R11A05K6	unschool	12000
35	SIRISANAGANDLA VENU	19R11A0591	ComTEK Solutions	10000
36	TADEM MANVITHA	19R11A05D9	Acumen	10000
37	N NIKHILA	16R11A05M5	BIGWORKS	10000
38	D VISHNU PRIYA	19R11A05L3	BIGWORKS	10000
39	MYSON SUNNY RAJ	19R11A05N4	ENH ISecure	10000
40	PEDDINENI JAHNAVI	19R11A05D0	Zemoso Technologies	18000
44	NUNE SAI ANIKETH	19R11A0528	Smart Interviews	35000
45	MOSARAMTHOTA VARUN RAJ	19R11A0578	iGlobal Technologies	9500
46	KARRA PRANATHI PRIYA	19R11A05M3	iGlobal Technologies	9500
47	ADIT S KUMAR	19R11A0501	Virtusa	NIL
48	MADISHETTI RAVINDER	19R11A0523	DHDS Pvt Ltd	NIL
49	VATTURI PARITOSH	19R11A0547	Bridgentech Consulting LLP	NIL
50	NANDULA ROHAN KAUSIK	19R11A0581	CIEL	NIL
51	L GOVIND NAYAK	19R11A05B4	DHDS Pvt. Ltd	NIL
52	YERVA KOUSHIK REDDY	19R11A05Q0	DHDS Pvt. Ltd	NIL
53	PALLEM BHOOMIKA	19R11A05C8	INSOFE	NIL
54	GOPAGONI HARIKA	19R11A05G3	Cognizant	NIL
55	MALLARAPPU MAHESHWARI	19R11A05H8	Cognizant	NIL
56	PALLAPU MANISHA	19R11A05J2	Cognizant	NIL
57	Y NANDINI	19R11A05K2	Cognizant	NIL
58	CHERUKU SAHITHISRI	19R11A05L2	Cognizant	NIL
59	KOLLIMARLA SAI SANJAY	19R11A05M7	INSOFE	NIL
60	MOHD WAHEEDUDDIN	19R11A05N0	ADP	NIL
61	N J SANJANA	19R11A05N5	MuSigma	NIL
62	SAMPATH VARSHITHA	19R11A05P1	L&T Technology Services	NIL
63	SATYA SRAVANI SAMAYAM	19R11A05P4	Virtusa	NIL
64	SHAIK MEHANAZ ZAMAN	19R11A05P5	SmartIMS	NIL

- ◆ A Three day workshop on “**Ethical Hacking and Cyber Security fundamentals**” followed by a **Hackathon** was conducted by the **Cyber Security Club** of GCET and **Department of Computer Science and Engineering** in association with **Supraja Technologies** at **Geethanjali College of Engineering and Technology**, held on 23rd March to 25th March, 2023. The resource person for the workshop was **Mr. Santosh Chaluvadi, CEO, Supraja Technologies**. A total of 71 students attended the workshop and **50 students were selected for internship** with **Supraja Technologies**. The Coordinator for the workshop was **Mrs. B. Mamatha**, Assistant Professor, CSE Dept. The primary objective of the workshop is to educate participants on the fundamentals of cyber security and ethical hacking, safeguard their digital assets and mitigate cyber threats, etc.
- ◆ A **18-hour Hackathon** on “**Ethical Hacking and Cyber Security**” began on 25th March, 2023, at 5PM and continued until 26th March, 2023, 12PM. The goal of the Hackathon was to challenge the participants and assess the skills they acquired during the workshop. The cyber security hackathon was a challenging event that put participants skills to test in a variety of security aspects. The event featured with multiple challenges, including steganography, capture the flag, packet tracing, exploit vulnerabilities, other security related tasks and puzzles, etc.



ROBOTICS CLUB ACTIVITIES

- ◆ A Workshop on “**Arduino Programming to develop prototype models**” was conducted for B.Tech. II Year CSE, CSE-EA, ECE branch students, held from 22nd April, 2023 to 15th July, 2023 (30 Hours workshop), conducted by the Robotics Club of Geethanjali College of Engineering & Technology. A Total of 32 students attended the workshop. The resource person for the workshop was **Mr. BHEMISSETTY ABHISHEK**, Zemosolabs, Associate Software Engineer and **Alumni of GCET-CSE Dept.** Students were developed **four prototypes** during the workshop Such as, i) **Water Level Detection System**, ii) **Plant Monitoring Kits**, iii) **Automatic Traffic Controller**, iv) **Optimized Traffic Control System.**



List of Students Developed prototype models during the Workshop : “Arduino Programming”

S.No	Team	Roll No	Member	DEPT	SECTION	Project
1	Team 1	21R11A05C0	Abhaya Manasa Dasari	CSE	C	Water level detection system
2		21R11A05E4	Sakshi Chandesurye	CSE	C	
3		21R11A05D2	Mandadi Harshitha Reddy	CSE	C	
4	Team 2	21R11A05D7	Neha Munuganti	CSE	C	Plant monitoring system
5		21R11A05L6	A Praneeth Kumar Reddy	CSE	E	
6	Team 3	21R11A05C6	Kada Lekhya Manaswi	CSE	C	Automatic traffic Controller
7		21R11A05M2	B.Sandeep Reddy	CSE	E	
8		21R11A05Q8	S.Prakash	CSE	E	
9	Team 4	21R11A05N7	NAVDEEP	CSE	E	Optimized traffic control system
10		21R11A6248	P. Sahith chandra	CSE-CS		
11	Team 4	21R11A66H5	N.S Praneeth	AIML	D	Optimized traffic control system
12		21R11A66H6	N Shiva Shankar	AMIL	D	

Guest Lectures/Workshops conducted for Students

- ◆ A Guest Lecture on “**Data Structures Applications**” was conducted for II Year CSE students on 05th January, 2023. The resource person for the guest lecture was **Dr. Raghunatha Reddy**, Assistant Professor, BITS Pilani, Hyderabad. A Total of 160 students attended the program. The Coordinator for the guest lecture was Mr. M. Srinivas, Associate Professor, CSE Dept.
- ◆ Guest Lecture on “**Cloud Computing**” was conducted for III Year CSE students on 04th February, 2023. The resource person for the guest lecture was **Mr. P. Bala Prasad**, TCS Principal Consultant & Technology, Head Digital Initiatives and Secretary, IEEE Hyderabad Section. A Total of 73 students attended the program. The Coordinator for the guest lecture was Dr. G. SomaSekhar, Associate Professor, CSE Dept. The Guest Lecture was conducted by Department of CSE in association with **IEEE - CS Chapter**.



Fig. Guest Lecture on “Cloud Computing”

- ◆ Guest Lecture on “**BlockChain Technologies**” was conducted for III Year CSE students on 20th April, 2023. The resource person for the guest lecture was **Dr. Nikumani Choudhury**, Assistant Professor, BITS Pilani, Hyderabad. A Total of 80 students attended the program. The Coordinator for the guest lecture was Mr. M. Srinivas, Associate Professor, CSE Dept.



Fig. Guest Lecture on “BlockChain Technologies”

Guest Lectures/Workshops conducted for Students

- ◆ A Seminar on “**Career Opportunities through Emerging Technologies**” was conducted for II Year and III Year CSE students on 01st February, 2023. The resource person for the seminar was **Mr. P. Gopinath**, Head Institutional Alliance, EducateNxt, Bengaluru. A Total of 235 second year students and 224 third year students attended the program. The Coordinator for the seminar was Mr. Y. Siva, Assistant Professor, CSE Dept.



Seminar on “Career Opportunities through Emerging Technologies”

- ◆ A Seminar on “**Full Stack Development**” was conducted for II Year CSE students on 21st April, 2023. The resource person for the seminar was **Mr. P. Saiesh**, Senior Software Engineer, Magnit Global and **Alumni of GCET-CSE Dept.** A Total of 210 students attended the program. The Coordinator for the guest lecture was Mrs. E. Vijaya, Assistant Professor, CSE Dept.



Seminar on “Full Stack Development”

Guest Lectures/Workshops conducted for Students

- ◆ A Seminar on “**Machine Learning Foundation-NASSCOM Certification**” was conducted for III Year CSE students and CSE-EA students on 9th January, 2023. The resource person for the seminar was **Mr. Gundala Nagaraju**. A Total of 150 students attended the program. The Coordinator for the seminar was Mrs. M. Alphonsa, Assistant Professor, CSE-EA Dept.



Seminar on “Machine Learning Foundation-NASSCOM Certification”

- ◆ A Workshop on “**Problem Statement Identification, Ideation, Design Thinking for Startups**” (With focus on Climate, EV, Fintech, medtech using IoT, AI-ML, Blockchain) was organized by the **Institution’s Innovation Cell** at GCET in collaboration with department of **Computer Science and Engineering**, held on 6th, 7th January, 2023. The resource person for the workshop was **Mr. B. Manoj Kumar**, Founder & Director at **Badagharwala Technologies Pvt. Ltd.** The Coordinators for the workshop were Ms. Madhuri Gupta, Assistant Professor, CSE Dept., Ms. A. Abhilasha, Assistant Professor, CSE Dept., Dr. G. Vallathan, Professor, ECE Dept. A Total of 65 CSE branch students attended the workshop.



Geethanjali College of Engineering and Technology

(UGC Autonomous Institution Accredited by NBA & NAAC,
Permanently Affiliated to JNTUH, ISO 9001:2015 certified)
Cheeriyal (V), Keesara (M), Medchal, Dist. 501301

*Institution's Innovation Council at GCET in collaboration with
Dept. of Computer Science and Engineering is organizing a*

Workshop on

Problem Statement Identification, Ideation, Design Thinking for Startups
(With focus on Climate, EV, Fintech, medtech using IoT, AI-ML, Blockchain)

Mr. B. Manoj Kumar

Founder Director at Badagharwala Technologies Pvt. Ltd.

Date: 6th - 7th January 2023



Time: 9:15 AM-3:15 PM Registration: <https://forms.gle/qCJjA5TgNu2VbeS59>
Venue details : CSE Seminar Hall, Block1, 2nd Floor.

Coordinators:
Ms. Madhuri Gupta
Ms. A. Abhilasha
Dr. G. Vallathan

Conveners:
Dr. Anil Kumar Puppala
Dr. N Lakshminpathi Anantha

Patron:
Prof. Dr. Udaya Kumar Susarla
(Principal, GCET)

Industrial Visit

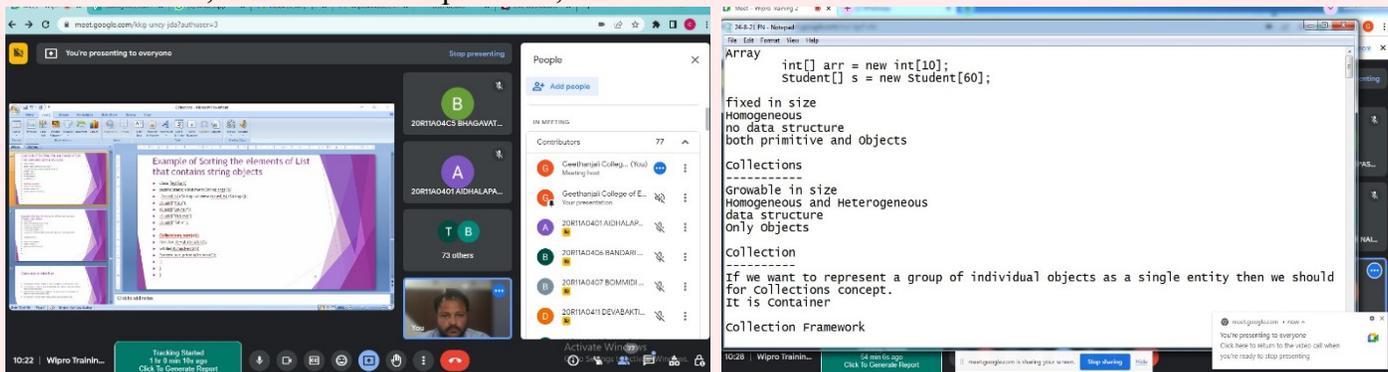
- ◆ An Industrial Visit to **Gemini Consulting and Services India pvt.Ltd.**, Q City, Nanakramguda, Hyderabad, Telangana was held on 9th June, 2023. A total of 25 second year CSE Dept. students and two faculty members of CSE Department have attended the Industrial visit. The coordinators for the industrial visit were **Dr. G. Somasekhar**, Associate Professor, CSE Dept., and **Mrs. Madhuri Gupta**, Assistant Professor, CSE Dept. & Innovation Ambassador of Institution's Innovation Council, GCET. Industrial visit is organized by the Department of CSE in association with Institution's Innovation Council, GCET.
- ◆ During the visit, Students get encouraged towards the new technology, SAP work flow, customer demand and supply process flow, understanding of business functions, Functional and technical aspects of SAP and How Gemini consulting grows from a small startup to a big name with its visions. Industrial visit was successfully completed under the supervision of Mr. N.S. Chakravarthy and team members.



Fig. Industrial Visit to Gemini Consulting and Services India Pvt. Ltd.

Value Added Courses/Training Programs/Student Development Programs

- ◆ “**WIPRO JAVA J2EE Training Program**” was conducted for B.Tech. final year CSE, IT, CSE-AIML, CSE-EA, ECE, EEE, students from 19th June, 2023. A Total of 164 CSE branch students participated in the training program. The resource persons for the training program were **Mr. G. Praveen Kumar**, Assistant Professor, CSE Department, **Mr. S. Ramanjaneyulu**, Assistant Professor, CSE Department, **Mr. P. Chandra Sekhar Reddy**, Assistant Professor, CSE Department, **Mr. K. Naresh Babu**, CSE-AI&ML Department, **Mrs. K. Padmaja**, Assistant Professor, CSE-AI&ML Department, GCET.



WIPRO JAVA J2EE Training Program

Value Added Courses/Training Programs/Student Development Programs

- ◆ A Value Added Course on “**Python Programming**” was conducted for B.Tech. II Year I sem CSE students from 29th October, 2022 to 04th February, 2023 on every Saturday in a week. A Total of 152 CSE students attended the training program. A Total of 47 students successfully qualified in final exam and received the **course completion certificate**. The resource person for “Python Programming” course was **Mr. M Srinivas**, Professor, CSE Department, GCET.



Fig. Value Added Course on “Python Programming”

- ◆ A Value Added Course on “**FULL STACK DEVELOPMENT**” was conducted for B.Tech. II Year II semester CSE students from 17th June, 2023, on every Saturday in a week. A Total of 32 CSE students registered and attended the training program. The resource person for “Full Stack Development” course was **Mr. P. Saiesh**, Senior Software Engineer, Magnit Global and **Alumni of GCET - CSE Dept .**



Value Added Course on “FULL STACK DEVELOPMENT”

- ◆ A Value Added Course on “**C Programming Skills**” was conducted for B.Tech. II Year II sem Civil branch Lateral entry students and CSE branch students, from 23rd March, 2023 to 31st July, 2023 on every Thursday in a week. A Total of 32 students (Civil: 28, CSE: 04) registered and attended the training program. The resource person for “C Programming Skills” course was **Dr. K. Raghu**, Associate Professor, CSE Dept.

Value Added Courses/Training Programs/Student Development Programs

- ◆ Training Program on “**Basic Programming Skills**” - Phase 1 was conducted for B.Tech. CSE III Year II Semester students from 2nd January, 2023 to 15th July, 2023 on every Monday and Tuesday in a week. The overall faculty coordinator for the training program was Mrs. **K.Gnana Mayuri**, IT Dept., GCET. A Total of 175 students attended the training program. The resource person for the training program was faculty from **Cantilever Labs**.



Fig. Basic Programming Skills Training by Cantilever Labs

- ◆ Training Program on “**Advanced Programming Skills-Phase 1**” was conducted for B.Tech. CSE III Year II semester students from 17th October, 2022 to 25th April, 2023 on every Monday and Tuesday in a week. A Total of 73 students participated in the training program. The resource persons for the training program were **Mr. Amit Bansal, Founder, Smart Interviews** and **Ms. N. Divya, Smart Interviews, Hyderabad**.



Fig. Advanced Programming Skills Training by “Smart Interviews”

CSE Student Placements of 2019-2023 Batch during July 2022 – June 2023

S.NO.	Name of the Company	Number of CSE Students Placed	Salary Package (LPA)
1	COMMVAULT	2	31.00 LPA
2	FUTURENSE TECHNOLOGIES	1	12.50 LPA
3	AMADEUS	3	11.77 LPA
4	DBS BANK	2	9.50 LPA
5	INTELLIPAAT	5	9.00 LPA
6	VALUE LABS	2	9.00 LPA
7	KEKA	2	8.00 LPA / 2LPA
8	OC TANNER	1	8.00 LPA
9	BYJUS	12	7.50 LPA
10	ARCADIS IBI	1	7.00 LPA
11	ZEMOSO	16	6.87 LPA
12	EPAM	4	6.80 LPA
13	PLANET SPARK	2	6.50 LPA
14	IBI	1	6.00 LPA
15	REAL PAGE	4	6.00 LPA
16	CNTRL S	5	6.00 LPA
17	CODITAS	1	6.00 LPA
18	MODAK ANALYTICS	3	6.00 LPA
19	ADP	4	6.00 LPA
20	EIDIKO SYSTEMS	4	5.70 LPA
21	MUSIGMA	12	5.50 LPA
22	WEST AGILE	2	5.50 LPA
23	DARK HORSE	11	5.20 LPA
24	NSL HUB	4	5.00 LPA
25	BEE HYV	1	5.00 LPA
26	BROAD RIDGE	2	5.00 LPA
27	MYCAPTAIN	1	5.00 LPA
28	UP GRAD - INSOFE	1	5.00 LPA
29	VIRTUSA AIMS HIRING	4	5.00 LPA
30	ENH I SECURE	8	4.60 LPA
31	SMART IMS	7	4.60 LPA
32	NALSOFT	1	4.50 LPA
33	PIE INFOCOMM	2	4.50 LPA
34	SMART SOC	2	4.50 LPA

CSE Student Placements of 2019-2023 Batch during July 2022 – June 2023

S.NO.	Name of the Company	Number of CSE Students Placed	Salary Package (LPA)
35	CIAL FOR	1	4.25 LPA
36	BIG WORK TECHNOLOGIES	4	4.00 LPA
37	DHRUV SOFT SOLUTIONS	3	4.00 LPA
38	ELEWAYTE	7	4.00 LPA
39	GEN C COGNIZENT	55	4.00 LPA
40	HEXAWARE	24	4.00 LPA
41	LOGIKWORKS	2	4.00 LPA
42	LTTS	14	4.00 LPA
43	PROLIFICS	16	4.00 LPA
44	RYTHMOS	5	4.00 LPA
45	VALUE MOMENTUM	9	4.00 LPA
46	VERZEO	11	4.00 LPA
47	AIRTEL	1	4.00 LPA
48	FACE PREP	1	3.60 LPA
49	MPHASIS	7	3.50 LPA
50	SAVANTIES	23	3.50 LPA
51	SPERIDIAN	1	3.50 LPA
52	TECHMAHINDRA	12	3.50 LPA
53	ACUVATE SOFTWARE	1	3.50 LPA
54	TCS	7	3.36LPA
55	AURUS	2	3.25 LPA
56	TOUCAN PAYMENTS	4	3.25 LPA
57	COGENT	25	3.20 LPA
58	COLLABERA	2	3.00LPA
59	KTREE	2	3.00LPA
60	PENTAGON SPACE	4	3.00LPA
61	RED HIBBERT	2	3.00LPA
62	TECH MAHINDRA BPS	1	3.00LPA
63	UNSCHOOL	5	3.00LPA
64	GENPACT	4	3.00 LPA
65	ACADEMMOR	24	3.00 LPA
66	SUTHERLAND	6	2.50 LPA
67	CRUSADE	1	2.16 LPA

**CSE Student Placements of 2019-2023 Batch during July 2022 – June 2023
(SINGLE PLACEMENT OFFER)**

S.No.	Roll Number	Student Name	Name of the Company	Salary Package (LPA)
1	19R11A0568	K SURYA VARDHAN REDDY	COMMVault	31
2	19R11A05A4	GADE HARSHAVARDHAN	COMMVault	31
3	19R11A05B5	LAKKIREDDY VINAY REDDY	FUTURENCE TECHNOLOGIES	12.5
4	19R11A05K1	V.MYTHILLI	AMADEUS	11.97
5	19R11A0581	NANDULA ROHAN KAUSIK	AMADEUS	11.77
6	19R11A05K0	V VARUN	AMADEUS	11.77
7	19R11A0583	P VIVEKVARDHAN	DBS BANK	9.5
8	19R11A05F9	G MAITHREYI	DBS BANK	9.5
9	19R11A0534	ROHIT ACHYUTUNI	INTELLIPAAT	9
10	19R11A0550	AQSA ZAREEN	INTELLIPAAT	9
11	19R11A0552	BHAVANA BANURI	INTELLIPAAT	9
12	19R11A05A6	GALIGUTTA VINAY REDDY	VALUE LABS	9
13	19R11A05C9	PANYAM BADRINATH REDDY	VALUELABS	9
14	19R11A05P6	SHYAMALA SAI KIRAN	INTELLIPAAT	9
15	19T11A05M3	KARRA PRANATHI PRIYA	INTELLIPAAT	9
16	19R11A0528	NUNE SAI ANIKETH	SMART INTERVIEWS	8
17	19R11A0541	V ARUN VALLIAPPAN	SMART INTERVIEWS	8
18	19R11A05A9	K BHARATH KUMAR	KEKA	8
19	20R15A0516	VANAMALA NITHIN	KEKA	8
20	19R11A0508	ESLAVATH AKHILA	BYJUS	7.5
21	19R11A0514	GOUTE BHARGAVI	BYJUS	7.5
22	19R11A0578	M VARUN RAJ	BYJUS	7.5
23	19R11A05B7	MADDULA MAHESH REDDY	BYJUS	7.5
24	19R11A05C5	DEEPTHI NAMALA	BYJUS	7.5
25	19R11A05D4	SAMYUKTHA ALFRED	BYJUS	7.5
26	19R11A05G8	JAYYARAPU SAI VAMSHI	BYJUS	7.5
27	19R11A05J2	PALLAPU MANISHA	BYJUS	7.5
28	19R11A05N3	MUTHYALA VIVEK	BYJUS	7.5
29	19R11A0589	RITIKAA KAILAS	ARCADIS	7
30	19R11A0510	GANTAA JHANSI LAKSHMI	ZEMOSO	6.87
31	19R11A0539	T SHAIENDRA SAINATH	ZEMOSO	6.87
32	19R11A0553	BHARATAM SAI SACHIN	ZEMOSO	6.87
33	19R11A0555	BOLLABOINA MADHAVI	ZEMOSO	6.87
34	19R11A0566	SHRUTHI GURRAM	ZEMOSO	6.87

CSE Student Placements of 2019-2023 Batch during July 2022 – June 2023
(SINGLE PLACEMENT OFFER)

S.No.	Roll Number	Student Name	Name of the Company	Salary Package (LPA)
35	19R11A05B1	K VEEREN VISHWANATH SAI	ZEMOSO	6.87
36	19R11A05B3	KONDA HARSHITA	ZEMOSO	6.87
37	19R11A05B6	LIKKI.ABHINAY REDDY	ZEMOSO	6.87
38	19R11A05D0	PEDDINENI JAHNAVI	ZEMOSO	6.87
39	19R11A05E7	B. RASMI REDDY	ZEMOSO	6.87
40	19R11A05E9	POOJITHA BHEEMREDDY	ZEMOSO	6.87
41	19R11A05L4	DUGGIRALA RAJYALAKSHMI DEVI	ZEMOSO	6.87
42	19R11A05L5	G NANDINI LAXMI PRIYA	ZEMOSO	6.87
43	19R11A0504	MR. CHAMAKURA DINESH	GEN C NXT DN	6.75
44	20R15A0511	NEMURI SHARATH CHANDRA	GEN C NXT DN	6.75
45	19R11A0563	G.VAISHNAVI	PLANET SPARK	6.5
46	19R11A05K6	B.SREENIDHI REDDY	UNSCHOOL	6.5
47	19R11A05M4	KARUNYA DUBEY	UNSCHOOL	6.5
48	19R11A05M8	KRISHNA SUPRIYA	UNSCHOOL	6.5
49	20R15A0506	VARUSA MAHESH CHANDRA	PLANET SPARK	6.5
50	19R11A0503	ALIMI UDAYKIRAN	MODAK ANALYTICS	6
51	19R11A0544	VANKAYALAPATI VINITHA	UNSCHOOL	6
52	19R11A0551	BANDARU VAISHNAVI	EPAM	6
53	19R11A0579	NAGULAPALLI LASYA PRIYA	CODITAS	6
54	19R11A0590	SAMMETA ASHOK KUMAR	REAL PAGE	6
55	19R11A0595	SRIKRUTHI VARANASI	IBI	6
56	19R11A05B2	KANKANALA HEMANTH REDDY	REAL PAGE	6
57	19R11A05C6	NANUVALA TULASI RAM	CNTRLS	6
58	19R11A05C8	PALLEM BHOOMIKA	CNTRLS	6
59	19R11A05D7	SHAIK RAHULPASHA	REAL PAGE	6
60	19R11A05E1	SAI PRAKASH CHARY VADLA	REAL PAGE	6
61	19R11A05F4	CHINMAI KANALA	ADP	6
62	19R11A05N0	MOHD WAHEEDUDDIN	ADP	6
63	19R11A0512	GOVARDHANAM SREEMANT	EIDIKO SYSTEMS	5.7
64	19R11A05E2	V TEJA	EIDIKO SYSTEMS	5.7
65	19R11A0502	AKULA RAVI PRAKASH	MUSIGMA	5.5
66	19R11A0526	MEHAKAR MAHESH	WEST AGILE	5.5
67	19R11A0535	SAMBARI MANIKANTA	NSL HUB	5.5
68	19R11A0587	P.VEENA VANI	MUSIGMA	5.5
69	19R11A05D2	PRAJNA S	MUSIGMA	5.5
70	19R11A05D6	SHIVA PAVAN SUSHANTH	MUSIGMA	5.5

CSE Student Placements of 2019-2023 Batch during July 2022 – June 2023
(SINGLE PLACEMENT OFFER)

S.No.	Roll Number	Student Name	Name of the Company	Salary Package (LPA)
71	19R11A05N5	N.J. SANJANA	MUSIGMA	5.5
72	19R11A0523	MADISHETTI RAVINDER	DARK HORSE	5.2
73	19R11A0575	MARKALA MANASWINI	DARK HORSE	5.2
74	19R11A0585	PARKIBANDA NAREN CHARY	DARK HORSE	5.2
75	19R11A0592	TARAKA SANJANA	DARK HORSE	5.2
76	19R11A05B4	L GOVIND NAYAK	DARK HORSE	5.2
77	19R11A05G3	GOPAGONI HARIKA	DARK HORSE	5.2
78	19R11A05Q0	YERVA KOUSHIK REDDY	DARK HORSE	5.2
79	20R15A0513	SIRRA SANDEEP	DARK HORSE	5.2
80	19R11A0501	ADIT S KUMAR	VIRTUSA	5
81	19R11A0519	KORAPOLU SRIYA	BROAD RIDGE	5
82	19R11A0520	KUNCHE RAVI KUMAR	MYCAPTAIN	5
83	19R11A0554	BINDESH YADAV	NSL HUB	5
84	19R11A0576	MOGULLA AKASH REDDY	VIRTUSA	5
85	19R11A0598	BATHULA SREENU	NALSOFT	5
86	19R11A05E0	TADOORI LAKSHMI PRASANNA	VIRTUSA,	5
87	19R11A05J9	SHANKRAPOLLA SOWMYA REDDY	BROAD RIDGE	5
88	19R11A05M7	K SAI SANJAY	UP GRAD - INSOFE	5
89	19R11A05P1	SAMPATH VARSHITHA	LTTS	5
90	19R11A05P4	SATYA SRAVANI SAMAYA	VIRTUSA	5
91	19R11A0531	POLISSETTY ANDREW BALA ABHILASH	ENHI SECURE	4.6
92	19R11A0570	KHAMBHAMMETTU GUNA	SMART IMS	4.6
93	19R11A05D9	TADEM MANVITHA	ENHI SECURE	4.6
94	19R11A05E5	ARRAM AKHILA	SMART IMS	4.6
95	19R11A05H4	KATUKAM AKHILA	ENHI SECURE	4.6
96	19R11A05K7	BATTU SHRADDHA PRIYA	SMART IMS	4.6
97	19R11A05N4	MYSON SUNNY RAJ	ENHI SECURE	4.6
98	19R11A05P5	SHAIK MEHANAZ ZAMAN	SMART IMS	4.6
99	19R11A0527	NALAMACHU SHREYA	SMART SOC	4.5
100	19R11A05N1	M.POOJA	PIE INFOCOMM	4.5
101	20R15A0501	DUPPALI NIKHITA	PIE INFOCOMM	4.5
102	19R11A0529	PAMMI SESHU MANASA	CIAL FOR	4.25
103	16R11A05M5	NANDAM NIKHILA	BIG WORKS TECHNOLOGIES	4
104	19R11A0507	SREE NAGA BHAVYA	LOGIK WORKS	4

**CSE Student Placements of 2019-2023 Batch during July 2022 – June 2023
(SINGLE PLACEMENT OFFER)**

S.No.	Roll Number	Student Name	Name of the Company	Salary Package (LPA)
105	19R11A0511	GATTIGORLA DINESH	GEN C	4
106	19R11A0517	KAMUJU NOVA	GEN C	4
107	19R11A0518	KEMSARAM SOWMYA SREE	GEN C	4
108	19R11A0521	BYRAGOUNI KUSHAL SAI	VERZEO	4
109	19R11A0522	MAMIDI LIKHITHA	HEXAWARE	4
110	19R11A0530	PEESARI DILEEP REDDY	LTTS	4
111	19R11A0538	VENKATA KRISHNA NAGA SAI	GEN C	4
112	19R11A0540	TAMMALI SAKETH SAI	LTTS	4
113	19R11A0548	VUDHANTHI NEERAJA	RYTHMOS	4
114	19R11A0560	D KARTHIK REDDY	LTTS	4
115	19R11A0561	DHARANGULA DAYAKAR	GEN C	4
116	19R11A0562	FARANISHATH	GEN C	4
117	19R11A0565	GUMPULA RAJUBABU	GEN C	4
118	19R11A0569	KEMIDI BHARATH KUMAR	VERZEO	4
119	19R11A0577	MOHAMMED MASLIUDDIN	VALUE MOMENTUM	4
120	19R11A0580	NANDINI TRIPATHI	GEN C	4
121	19R11A0582	NUNE SAI KRISHNA	GEN C	4
122	19R11A0596	SRI PRIYA VEERAMOSU	GEN C	4
123	19R11A0599	BETHI VISHWAMBHAR	LTTS	4
124	19R11A05A0	BHOOPALAM KUSHAL	VERZEO	4
125	19R11A05A2	DHEERAVATH RAMESH NAYAK	PROLIFICS	4
126	19R11A05A5	GAJJI AKSHITHA	GEN C	4
127	19R11A05A8	GILAKATHULA APOORVA	GEN C	4
128	19R11A05B9	LIKITHA MANDAVA	GEN C	4
129	19R11A05C4	MUSTYALA SRAVANI	GEN C	4
130	19R11A05C7	NARRA NAVYA SRI	GEN C	4
131	19R11A05D3	SAI NARENDER REDDY BORA	LTTS	4
132	19R11A05F0	BOLLEPALLI SHUBHAM GOUD	HEXAWARE	4
133	19R11A05F7	DASARI MANNA	HEXAWARE	4
134	19R11A05H1	K.REVANTH	VERZEO	4
135	19R11A05H3	K. HEMANTH	GEN C	4
136	19R11A05H8	MALLARAPPU MAHESHWARI	GEN C	4
137	19R11A05H9	DHEERAJ REDDDY MUKKU	LTTS	4
138	19R11A05J1	P SHIVANI	PROLIFICS	4
139	19R11A05K2	Y.NANDINI	GEN C	4
140	19R11A05K3	AERVA NAVEENKUMAR	GEN C	4

CSE Student Placements of 2019-2023 Batch during July 2022 – June 2023
(SINGLE PLACEMENT OFFER)

S.No.	Roll Number	Student Name	Name of the Company	Salary Package (LPA)
141	19R11A05K4	A.PREETHI PAVANI	VALUE MOMENTUM	4
142	19R11A05K5	ALLALA ROHITH	GEN C	4
143	19R11A05K8	BAHATAM LOKESH VENKATA ABHINAVA RAJU	GEN C T	4
144	19R11A05L2	CHERUKU SAHITHI SRI	GEN C	4
145	19R11A05L3	D VISHNU PRIYA	GEN C	4
146	19R11A05L9	GORA CHARAN KUMAR GOUD	GEN C	4
147	19R11A05M6	N.KEVIN BRYANT	VERZEO	4
148	19R11A05M9	KARTHIK MANDA	GEN C	4
149	19R11A05P0	RAYALA BHARGAVI	ELEWAYTE	4
150	19R11A05P7	SIDDAM ROJA	AIRTEL	4
151	20R15A0509	DUSARI UDAY KUMAR	PROLIFICS	4
152	20R15A0510	ARAVIND KUMAR KALAVENI	ELEWAYTE	4
153	20R15A0512	PAGIDOJU SAI GYANESHWAR CHARY	VERZEO	4
154	19R11A0524	MAPATI BHANU SRI	SAVANTIES	3.5
155	19R11A0542	V JEESHITHA	MPHASIS	3.5
156	19R11A0567	J. PALLAVI	SAVANTIES	3.5
157	19R11A05B0	MEGHANA KARUMANCHI	SAVANTIES	3.5
158	19R11A05E8	B.NUTAN PAVAN	MPHASIS	3.5
159	19R11A05G2	GAZULA SHEBA RANI	SAVANTIES	3.5
160	19R11A05H6	KOMMU NIHARIKA	TECH MAHINDRA	3.5
161	19R11A05J3	PSAI.ABHIGNU	SAVANTIES	3.5
162	19R11A05J5	RACHAPUDI JAYANI	TECH MAHINDRA	3.5
163	19R11A05K9	BOTTA SWATHI	MPHASIS	3.5
164	19R11A05M0	INALA JAHNAVI	SAVANTIES	3.5
165	19R11A05N9	PONNALA SRINIVAS	SAVANTIES	3.5
166	20R15A0508	VELLANKI MOUNIKA	MPHASIS	3.5
167	19R11A0556	CH.ABHISHEK	TCS	3.36
168	19R11A0558	BHAVANI CHINTHAKINDI	TCS	3.36
169	19R11A05P3	SANKE INDHUMATHI	TCS	3.36
170	19R11A05L1	CHALLA SAIKRISHNA	DHRUV SOFT	3.25
171	20R15A0515	V PAVANKUMAR	AURUS	3.25
172	19R11A0543	VALLURU POOJA	COGENT	3.2
173	19R11A0546	VARKUTI DINESH REDDY	COGENT	3.2
174	19R11A0559	CH. SRAVYA SRI	COGENT	3.2

CSE Student Placements of 2019-2023 Batch during July 2022 – June 2023
(SINGLE PLACEMENT OFFER)

S.No.	Roll Number	Student Name	Name of the Company	Salary Package (LPA)
175	19R11A05C1	MARAM TEJASWI	COGENT	3.2
176	19R11A05E3	VALLAPUREDDY NIKHITA REDDY	COGENT	3.2
177	19R11A05G0	G VENNEL YADAV	COGENT	3.2
178	19R11A05H7	K. PAVAN KUMAR	COGENT	3.2
179	19R11A05L6	G VIKAS YADAV	COGENT	3.2
180	19R11A05L8	G YASHWANTH	COGENT	3.2
181	19R11A05M2	JAYADHWAJ REDDY MOTHEY	COGENT	3.2
182	20R15A0504	ORAGANTI ROHITH GOUD	COGENT	3.2
183	19R11A0509	G EESHWAR	ACADEMOR	3
184	19R11A0593	THALLA LOKESH REDDY	ACADEMOR	3
185	19R11A0597	A KOSHIK KUMAR	GENPACT	3
186	19R11A05C2	MERUGU DEEPIKA	GENPACT	3
187	19R11A05D5	SARALA VINEETH	ACUVATE	3
188	19R11A05F6	D ARUN KUMAR REDDY	ACADEMOR	3
189	19R11A05G1	GANTA SANVITH	ACADEMOR	3
190	19R11A05G6	GUNDETI SANNIHITHA	GENPACT	3
191	19R11A05J0	M MANASA	ACADEMOR	3
192	19R11A05J7	S ASHVITHA	GENPACT	3
193	19R11S05M1	JAGILLAPURAM BHAVANA	ACADEMOR	3
194	20R15A0514	THATIKONDA SAI MANISH	ACADEMOR	3
195	20R15A0522	BATTU SAIRAM	ACADEMOR	3
196	18R11A05B1	KASTHALA SAI KALYAN	SUTHERLAND	2.5
197	19R11A05C3	DINESH MUKKOLLU	SUTHERLAND	2.5
198	19R11A05J8	S.VIKRAM REDDY	SUTHERLAND	2.5

Project Based Learning

- ◆ A Total of Ten projects were carried out by III Year II Semester CSE students under Project Based Learning (PBL) in the course “**Internet of Things**” under the guidance of **Dr. K. Krishna Jyothi**, Associate Professor, CSE Dept. The students were developed the following projects:

1. Smart Parking System
2. Dumpster Monitoring System using Wireless Network
3. Smart Watering
4. Smart Street Light
5. Garbage Monitoring system
6. Water Quality Monitoring system
7. Smart Light
8. Face Tune
9. Gesture Controlled Switch
10. Smart Notice Board

Project Based Learning

- ◆ A Total of 57 projects were carried out by II Year II semester CSE branch students under Project Based Learning (PBL) in the course “**Web Technologies**” under the guidance of **Dr. A. Sree Lakshmi**, Professor & HoD, **Mr. S. Ramanjaneyulu**, Assistant Professor, CSE Dept. **Mr. E. Mahender**, Assistant Professor, CSE Dept., **Mr. N. Vinay Kumar**, Assistant Professor, CSE Dept. The students were developed the following projects:

PBL Project Title	PBL Project Title	PBL Project Title
Faculty Research Profile Application	Vetemente web site	Online Pharmacy Management System
Inside The Box (Peer to Peer Learning)	Temples Website	Face Tune
Library book enquiry application	Brick and Ball Game	Smart Notice Board
GCET transport management and tracking	College Store Management System	Travel planning application
Student diary	Healthy Diet	Student classification application
To-Do List application	CSE Department Website-Student Portal & Faculty Portal	Hospital management systems
Internship Reports maintenance	Car Rental Website	Employee Management System
Alumni Portal	Photography Website	My Spotify application
Web based blood donation System	Mine Sweeper Game	Biometric Registration
Quiz for WT Laboratory Assessment	Election Management System	Blood Bank system
Online Graduation Survey	WayFare Bus Booking	Online Quiz Application
Application to provide the list of faculty free in specified slot of Time-table	Roam Smart: Exploring Tourism Destinations	Movie tickets booking
Project Reports maintenance application	Disease Identifier and Cure Manager	Tourist Website
Exam Seating Arrangement	VitaByte	Online Voting System
Accident detection and alert system	e-Commerce website	Password Management System
Movie Review System	Online banking application	Library System Web Application
Online RPS game	Smart Canteen	SOLTON application
Virtual Clavier	Resume Generator	My Fitness application
EUNOIA - a well balanced mind	Portfolio website	GCET Flavours application

Students Qualified in GRE/IELTS/DUOLINGO during A.Y: 2022 - 2023

S.No.	Roll Number	Student Name	Name of the Qualified Exam
1	19R11A0503	Alimi Uday Kiran	GRE, IELTS
2	19R11A0505	D. Hima samiirr	GRE, IELTS
3	19R11A0511	Gattigorla Dinesh	GRE
4	19R11A0518	K. Sowmya sree	GRE,IELTS
5	19R11A0519	Korapolu Sriya	GRE, IELTS
6	19R11A0522	Mamidi Likhitha	GRE, IELTS
7	19R11A0547	Paritosh Vatturi	GRE, IELTS
8	19R11A0548	V. Neeraja	GRE, IELTS
9	19R11A0552	Banuri Bhavana Reddy	IELTS
10	19R11A0563	Vaishnavi Gandhi	GRE
11	19R11A0568	Surya Vardhan Reddy Katta	GRE
12	19R11A0570	Khambhammettu Guna	GRE, TOFEL
13	19R11A0571	L. Shashidhar	GRE
14	19R11A0575	Markala Manaswini	GRE
15	19R11A0576	M. Akash Reddy	GRE, TOFEL
16	19R11A0579	Nagulapalli Lasya Priya	IELTS, GRE
17	19R11A0581	Rohan Kausik Nandula	GRE, IELTS
18	19R11A0589	Ritikaa Kailas	IELTS
19	19R11A0590	Sammeta Ashok Kumar	GRE
20	19R11A0591	Sirisanagandla Venu	IELTS
21	19R11A0593	Thalla Lokesh Reddy	GRE
22	19R11A0594	T. Amith Paavan	GRE
23	19R11A0595	Srikruthi Varanasi	GRE
24	19R11A05B1	K. Veeren Vishwanth Sai	IELTS
25	19R11A05C9	P. Badrinath Reddy	DUOLINGO
26	19R11A05E3	V. Nikhita Reddy	IELTS
27	19R11A05H4	K. Akhila	GRE
28	19R11A05J1	P. Shivani	GRE
29	19R11A05J4	Puvvada Abhinaya	IELTS
30	19R11A05J5	Rachapudi Jayani	IELTS

Students Qualified in GRE/IELTS/DUOLINGO during A.Y: 2022 - 2023

S.No.	Roll Number	Student Name	Name of the Qualified Exam
31	19R11A05K4	A. Preethi Pavani	IELTS
32	19R11A05K5	Rohith Allala	GRE
33	19R11A05L4	Duggirala Rajya Lakshmi Devi	GRE, IELTS
34	19R11A05L6	G. Vikas Yadav	GRE
35	19R11A05M2	Jayadhvaj Reddy Mothey	IELTS
36	19R11A05M3	K. Pranathi Priya	GRE
37	19R11A05M9	Manda Karthik	GRE
38	19R11A05N4	Myson Sunny Raj	GRE, IELTS
39	19R11A05P8	Suramm Mahesh Reddy	IELTS
40	20R15A0520	Mada Sai Kiran	GRE
41	20R15A0524	V. Lovekush Rao	GRE
42	19R11A0530	Polisetty Andrew Bala Abhilash	IELTS
43	19R11A0534	Achyutuni Rohit	IELTS
44	19R11A0539	T. Shailendra Sainath	IELTS
45	20R15A0502	Amraj Rajesh Kumar	Duolingo
46	19R11A0509	G Eeshwar	IELTS

Institution Level Events

- ◆ One week Workshop on “**Leadership and Governance for Institutional Sustainability**” was organized by **Internal Quality Assurance Cell (IQAC)** of GCET, held on 08th May, 2023 to 12th May, 2023. A Total of 35 faculty members attended the workshop. The Coordinators for the workshop were **Dr. P.Vijai Bhaskar**, Professor & Dean Academics, ECE Dept., **Dr. B.L. Prakash**, Professor & IQAC Coordinator, ECE Dept. The **Chief Guest** for the workshop was **Mr. Phani Mudigonda**, CIO, Inspira Enterprise India Ltd., Hyderabad.
- ◆ The Resource persons for the workshop were **Prof. P.Yogeeswari**, Dean Admin, BITS Pilani, Hyderabad, **Dr. V.M. Pandharipande**, Former Director, VNIT, Nagpur, **Dr. P.G.Sastry**, Head (L&D), Ramky Infrastructure, **Mr. Y. Srinivasa Rao**, IIT Academy, Hyderabad, **Shri. Ramam Atmakuri**, Former Center Head, Cognizant, Hyderabad, **Mr. Viswanath Ekbote**, Former Director, Linkwell Telesystems, **Mr. Abhirama Krishna**, Former Senior Vice President, Satyam Computers, **Shri. A.S. Murthy**, Former CTO, Tech. Mahindra, **Mr. Rajendra Penna**, B2R, Country Head, USA, **Dr. B. Yegnanarayana**, Former Professor CSE, IITM, **Dr. V. S. Rao**, Former Director, BITS Pilani, Hyderabad, **Dr. G. Vijaya Kumari**, Director, J-Hub, JNTUH, **Dr. Shakuntala Katre**, Former Advisor, NAAC, **Mr. Srinivas Pothapragada**, Investor, Venture Capitalist, **Dr. Udaya Kumar Susarla**, Principal, GCET, **Dr. R. Prasanna Kumar**, Registrar, GCET, **Dr. G. Neeraja Rani**, Head-FE Dept., GCET.



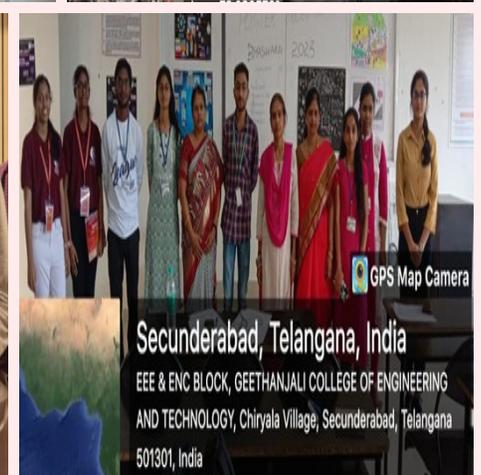
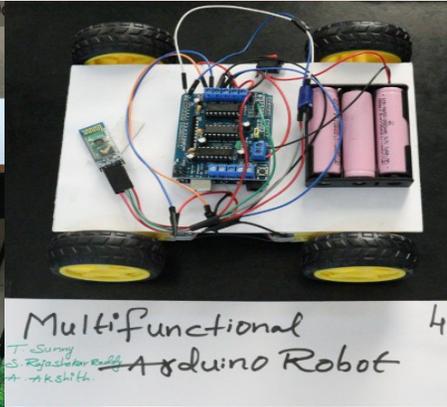
Workshop on “**Leadership and Governance for Institutional Sustainability**”

Institution Level Events

BHASWARA 2K23:

- ◆ 16th National Level Technical and Management Fest - BHASWARA 2K23 was held on 3rd and 4th April 2023, organized by School of Computer Science and Informatics department. The overall convener for BHASWARA 2023 was **Dr. L. Venkateswarlu**, Professor & HOD - AIML Dept., and co-convener was **Dr. L. Kiran Kumar Reddy**, Associate Professor, CSE-AIML Department.
- ◆ CSE department faculty coordinators for BHASWARA 2023 were **Dr. G. SomaSekhar**, Associate Professor, CSE Dept., **Dr. R.V. Sudhakar**, Associate Professor, CSE Dept.
- ◆ The CSE department organized 8 events as a part of BHASWARA 2023, including Code-E-Thon, Code Crush, Robot Rush, Ball Rush, and Movie Marathon events held on 3rd April, 2023, and Project Presentation, Paper Presentation, and Poster Presentation events held on 4th April, 2023.





BHASWARA 2K23

CSE department has organized Eight Events. The particulars of Winners - BHASWARA 2023 are indicated below:

S.No	Date of Event	Name of the Event	Faculty Coordinator	Prize Won	Student Name/ Roll Number	Branch/Year/ College
1	04-04-2023	Paper Presentation	Dr. A. Venkata Ramana, Mrs. G. Uma Devi	I	G Mudith Reddy (20R11A05E0)	CSE-III Year, GCET
				II	V. Pranuthi, (21R11A66K2) T Vaishnavi (22R15A6619)	CSE-AIML- II Year, GCET
				III	P. Badrinath Reddy (19R11A05C9) L. Vinay Reddy (19R11A05B5)	CSE-IV Year, GCET
2	04-04-2023	Poster Presentation	Dr. Puja S Prasad, Mrs. P. Lalitha	I	V Bhanu Vamshi, (20R11A6259) S. Sai Lahari (20R11A6247)	CSE-Cyber Security- III Year, GCET
				II	Y Sai Samhitha (20R11A6659)	CSE-AIML- III Year, GCET
				III	B Sai Akshith Rao	AIML-III Year (CMRIT)
3	04-04-2023	Project Expo	Dr. K. Krishna Jyothi, Mrs. E. Vijaya	I	R. Madhava Sai, (19R11A0533) S. Venkata Krishna Naga Sai (19R11A0538)	CSE - IV Year GCET
				II	M. Likhitha, (19R11A0522) B. Srikanth, (20R15A0503) V. Mahesh Chandra (20R15A0506)	CSE-IV Year, GCET
				III	V.V. Sessa Sai Eshwar, (20R11A05H9) P. Tarun, (20R11A05G3) T. Sai karthik (20R11A05H4)	CSE-III Year, GCET

BHASWARA 2K23

The particulars of winners - BHASWARA 2023 are indicated below:

S.No	Date of Event	Name of the Event	Faculty Coordinator	Prize	Student Name	Branch/Year/College
4	03-04-2023	Movie Marathon	Mrs. K. Durga Kalyani, Mrs. M. Viswashanthi	I	Ch. Naveen, Vinod Babu, ShivaTeja, Y. Shashank	IoT-II Year, ECE-II Year, GCET
				II	V. Srinivas, P. Kiran, T. Saikiran , T. Shashank-Reddy	ECE-III Year, GCET
5	03-04-2023	CODE-E-Thon	Dr. A. Lakshmi Pathi Mr. D. Sudheer Reddy	I	Nerella Chaithra Reddy, VanshNawander	CSE-III Year (Vardhaman College of Engineering)
				II	Mr. V. Arun (19R11A0541), Ms. P. Jahnvi (19R11A05D0)	CSE-IV Year, GCET
6	03-04-2023	Code Crush	Dr. Zuber Ali Ansari Ms.A.Abhilasha	I	K.Sri Krishna Koushik, (20R11A0595) G. Karthik (20R11A05K6)	CSE-III Year, GCET
				II	P. Sai Kartikeya, (20R11A05G4) M. Mahesh Chary (VMEG)	CSE-III Year, (GCET) and Vardhaman college of engineering
7	03-04-2023	Robot Rush	Mr. G. Praveen Kumar Mr. A. Anand	I	B. Sagar Naidu, (SNIST)	CSE-II Year, (SreeNidhi College)
				II	G. Sai Rohit (21R11A6614)	CSE-AIML-II Year, GCET
8	03-04-2023	Ball Rush	Mr. J Sudhakar Ms. S.L Anusha	I	K. Sharath, (20R11A05E8) V. Nithin (20R11A05H7)	CSE-III Year, GCET
				II	B. Jaswanth (20R11A6604)	CSE-AIML-III Year, GCET

Institution Level Events - VIBGYOR & VIBES 2023

- ◆ Cultural and Annual Day Fest “**VIBGYOR & VIBES 2023**” held on 4th April and 6th April, 2023. The Overall Coordinator for VIBGYOR & VIBES 2023 was **Dr. V. Madhusudan Rao**, Professor & Dean, School of Computer Science and Informatics. The Convener for **VIBGYOR 2023** was **Dr. K. Srinivas**, Professor & HoD-IT Department. The Convener for **VIBES 2023** was the **Dr. A. SriLakshmi**, Professor & HoD-CSE Department.
- ◆ As part of the **VIBGYOR 2023**, various cultural events are held such as **Musical Band** by Singer **Mr. Hema Chandra**, Live Concert and **DJ Event** by **DJ SARTEK** and **DJ PAROMA**.
- ◆ As part of the college annual day celebrations, various cultural competitions and events held like Singing (solo & group), Musical Instruments, Dance (solo & group), Ramp_Walk, etc.

VIBGYOR & VIBES 2023 Fest Photos:





Unnat Bharat Abhiyan Sanctioned Project

- ◆ Launch of **Unnat Bharat Abhiyan Sponsored Project Titled “Rampally Dayara Property Tax Management System” for Rural Development** held on 15th July, 2023. The Project is funded by “UNNAT BHARAT ABHIYAN” and in collaboration with “Indian Institute of Technology”, Delhi, and Ministry of Education, GoI, organized by the National Service Scheme Unit of Geethanjali College of Engineering and Technology, Cheeryal, Medchal Dist., Telangana. A Total of Twelve Students of CSE Department were received “**Certificate of Excellence**”, for Outstanding Performance and Lasting Contribution on the successful completion of UBA Project titled “Rampally Dayara Property Tax Management System” during April 2022 to Feb 2023.

Principal Investigator	Title of the Project	Sanctioned by	Sanctioned Amount of Project in Rs.	CSE Dept. Students Involved in the Project
1) Mr. R. Odaiah, PI, ECE Dept., 2) Mrs. S. Radha, Co-PI, CSE Dept. 3) Y. Siva, Project Mentor, CSE Dept.	Rampally Dayara Property Tax Management System	UBA SEG Others Category	53,000/-	1) P. Badrinath Reddy 2) P. Jahnvi 3) L. Vinay Reddy 4) G. Nandini Laxmi- Priya 5) Sai Gyaneshwar Chary 6) N. Rohan Kaushik 7) V. Nithin 8) Myson Sunny Raj 9) P. Kaustubh 10) K. Ravi Kumar 11) K. Sriya 12) P Haneesh Reddy

Launch of Unnat Bharat Abhiyan Sponsored Project Photos:



Launch of Unnat Bharat Abhiyan Sanctioned Project



రాంపల్లి దాయర లో ఆస్తి వస్తు నిర్వహణ వెబ్ అప్లికేషన్ ప్రారంభం

కీసర, జూలై 15 (ప్రజా మలుపు) : కీసర మండలం, రాంపల్లి దాయర గ్రామ పంచాయతీ లో గీతాంజలి కాలేజీ ఆఫ్ ఇంజనీరింగ్ అండ్ టెక్నాలజీ ఎస్ ఎస్ ఎస్ యూనిట్ ఉన్నత భారత్ అభియాన్ పథకం కింద గ్రామీణాభివృద్ధి కోసం రాంపల్లి దాయర గ్రామ పంచాయతీ లో ఆస్తి వస్తు నిర్వహణ వ్యవస్థ వెబ్ సు ప్రారంభించారు. ఎస్ ఎస్ ఎస్ విద్యార్థులకు కళాశాల ప్రస్థాపనలో దాక్టర్ ఎస్ ఉదయ్ కుమార్ చేతుల మీదుగా స్వస్థితికై అందజేశారు. యూపీఏ పథకం కింద కంప్యూటర్ బహుమతిగా అందజేశారు. కార్యక్రమంలో సర్పంచ్ గరుగుల అండాలు మల్లేష్ సెకెటరీ సురేష్ రెడ్డి, కళాశాల ప్రెసిడెంట్ ఎస్ ఉదయ్ కుమార్, హెచ్ ఓ డి దాక్టర్ ఏ. శ్రీలక్ష్మి డి. ఎస్ మధుసూదన్ రావు, ఆర్. ఓ. ఓ. డి. ఎస్ కోఆర్డినేటర్లు వై



శివ ఎస్. రాధా, షహనాజ్ బేగం, ఎస్ఎస్ఎస్ వాలంటీర్లు, విద్యార్థులు పాల్గొన్నారు.



Institution Level Events

NSS Events

S.No.	Date of Activity	Name of the Activity	Organized by/ Collaborating Agency	Number of Students/Faculty Participated
1	28-Jan-2023, 30-Jan-2023	“Eye Screening camp” in association with “WIN VISION Eye Hospital” A.S.Rao Nagar, Hyderabad	Geethanjali College of Engineering and Technology in association with “WIN VISION Eye Hospital” A.S.Rao Nagar, Hyderabad	Students: 252, Faculty: 130
2	25-March-2023	Survey in Thimmaipalli Village Under Special camp Programme	Geethanjali College of Engineering and Technology	Students: 35, Faculty: 06
3	27-March-2023	Swatchhta Awareness Campaign at Thimmaipalli Village Under Special camp Programme	Geethanjali College of Engineering and Technology	Students: 29, Faculty: 06
4	28-March-2023	Awareness on Influenza H3N2 Variant at Thimmaipalli village Under Special camp Programme	Geethanjali College of Engineering and Technology	Students: 25, Faculty: 04
5	01-April-2023	Donation of Computers to Government Primary School of Cheeryal village and Government Primary School of Thimmaipalli village	Geethanjali College of Engineering and Technology	Students: 25, Faculty: 06
6	01-April-2023	Donation of Computers to Sri Sai Vidya Dhamam School (SAI DHAMAM), Ramalingampally(V)	Geethanjali College of Engineering and Technology	Students: 25, Faculty: 06
7	10-April-2023	Computer education to Students of Government Primary School of Thimmaipalli village Under Special camp Programme	Geethanjali College of Engineering and Technology	Students: 25, Faculty: 06
8	11-April-2023	Psychological Counseling to Students of Government Primary School of Thimmaipalli village Under Special camp Programme	Geethanjali College of Engineering and Technology	Students: 25, Faculty: 08

Institution Level Events

NSS Events

S.No.	Date of Activity	Name of the Activity	Organized by/ Collaborating Agency	Number of Students/Faculty Participated
9	12-April-2023	Elocution, Sports competition for Students of Government Primary School of Thimmaipalli village Under Special camp Programme	Geethanjali College of Engineering and Technology	Students: 25, Faculty: 08
10	13-April-2023	Yoga, Fitness and Prize distribution to Students of Government Primary School of Thimmaipalli village Under Special camp Programme	Geethanjali College of Engineering and Technology	Students: 25, Faculty: 08
11	26-April-2023	Blood Donation camp in association with Lions Club, BBR Blood Bank, BalaNagar, Hyderabad.	Geethanjali College of Engineering and Technology in association with Lions Club, BBR Blood Bank, BalaNagar, Hyderabad.	Students: 130, Faculty: 15

NSS Events Photos: Blood Donation camp:**EYE CAMP**

Special camp Programme at Thimmaipalli Village



సవతలంకా

ప్రభుత్వ పాఠశాలకు కంప్యూటర్ల అందజేత

సవతలంకా-మెట్లలో కలెక్టరేట్ బీర్యాల గ్రామంలోని ప్రభుత్వ ప్రాథమిక పాఠశాల కోసం గీతాంజలి ఇంజనీరింగ్ కళాశాల యాజమాన్యం రెండు కంప్యూటర్లను పాఠశాల ప్రధాన పాఠ్యాధ్యక్షుడు బాలకృష్ణకు అందజేశారు. ఈ సందర్భంగా బాలకృష్ణ మాట్లాడుతూ కంప్యూటర్లను అందజేయడానికి ముందుకు వచ్చిన గీతాంజలి ఇంజనీరింగ్ కళాశాల చైర్మన్ రవీందర్ రెడ్డి, డ్రిస్టిపాల్ ఉదయ్ కుమార్ లకు ప్రత్యేక ధన్యవాదాలు తెలిపారు. ప్రభుత్వ పాఠశాలకు దాతలు ముందుకు వచ్చి విద్యార్థులను ప్రోత్సహించడం చాలా సంతోషం అన్నారు. ఎన్ఎస్ఐసీ ప్రోగ్రాం అఫీసర్ ఓడయ్య, పరుబ్, రాధ, వైభవ్, నరేష్ తదితరులు పాల్గొన్నారు.



Faculty Development Programs/Workshops/Refresher Courses Attended by Faculty

S.No.	Faculty Name	Nature of Program Attended	Name of the FDP/ Workshop/ Refresher Course	Date (s) Held	Held at Institute/ Organization
1	G. Uma Devi	National Level Online FDP	Mathematics for Data Science and Machine Learning	02-01-2023 to 07-01-2023	Gopalan College of Engineering and Management, Bangalore
2	P. Prathima	FDP	Data Science for Engineers	23-1-2023 to 28-1-2023	VNR VJiet, Hyderabad
3	P. Shambavi	FDP	Natural Language Processing	13-2-2023 to 17-2-2023	VNR VJiet, Hyderabad
4	G. Santhoshi	FDP	Natural Language Processing	13-2-2023 to 17-2-2023	VNR VJiet, Hyderabad
5	Y. Siva	FDP	Devops and Cloud Technology	13-03-2023 to 17-03-2023	SREYAS Institute of Engineering and Technology, Hyderabad
6	R. Sukruta	FDP	Devops and Cloud Technology	13-03-2023 to 17-03-2023	SREYAS Institute of Engineering and Technology, Hyderabad
7	G. Praveen Kumar	FDP	Accelerate Research	14-03-2023 to 18-03-2023	ANURAG University, Hyderabad
8	P. Krishna Rao	International FDP	Data Analytics using Power BI	20-03-2023 to 24-03-2023	G. Narayanamma Institute of Technology and Science, Hyderabad in Collaboration with ExcelR
9	K. Durga Kalyani	FDP	Data analysis in MS-Excel	27-03-2023 to 31-03-2023	RSRI Society
10	P. Veer Kumar	FDP	Accelerate Research	14-03-2023 to 18-03-2023	Anurag University, Hyderabad
11	P. Krishna Rao	FDP	Devops and Cloud Technology	13-03-2023 to 17-03-2023	SREYAS Institute of Engineering and Technology, Hyderabad
12	M. Srinivas	FDP	New Age - Technologies	28-03-2023 to 01-04-2023	VIT, Andhra Pradesh
13	D. Bheekya	FDP	Randomized Algorithms	20-05-2023 to 30-05-2023	NIT, Warangal
14	K. Prathima	FDP	Data science and Chat GPT	15-5-2023 to 19-5-2023	KL University, Hyderabad
15	G. Udaya Sree, M. Vishwashanthi	Workshop	Cyber Forensics	15-2-2023 to 25-2-2023	JNTU Hyderabad

Faculty Development Programs/Workshops/Refresher Courses Attended by Faculty

S.No.	Faculty Name	Nature of Program Attended	Name of the FDP/ Workshop/ Refresher Course	Date (s) Held	Held at Institute/ Organization
16	Dr. A. SreeLakshmi	Workshop	Indo - US workshop	17-03-2023	Mahindra University, Ecole Centrale School of Engineering, Hyderabad
17	Dr. A.N. Lakshmi-pathi	Workshop	Indo - US workshop	17-03-2023	Mahindra University, Ecole Centrale School of Engineering, Hyderabad
18	P. Krishna Rao	IP Awareness/ Training Program	National Intellectual Property Awareness Mission	16-01-2023	Intellectual Property Office and MoE's Innovation Cell, India
19	Madhuri Gupta	Innovation Ambassador Training	Innovation Ambassador Training Advanced level	03-04-2023	MoE's innovation Cell & AICTE
20	K. Prathima	Training Program	ChatGPT and Artificial Intelligence Program	08-05-2023 to 26-05-2023	Excel IR Solutions
21	Y. Siva	Workshop	Research Methodologies	14-06-2023 to 29-06-2023	Andhra University, Visakhapatnam
22	Dr. K. Raghu, E. Vijaya, M. Akhila Reddy, R. Sukrutha, P. KrishnaRao, J. Meenasravanthi, G. Santhoshi, Ch. Sandhya G. Udaya Sree	FDP	Recent Trends in Data Science for Engineering	26-06-2023 to 30-06-2023	CBIT, Hyderabad
23	P. Usha Shree, Y Siva, D.S.V. Jyoothi, S.L. Anusha	Training Program	ACCELQ Automation Engineer Certification	08-05-2023 to 12-06-2023	ACCELQ Academy
24	P. Ushashree	Coursera	Google IT Automation with Python	16-05-2023	Google and Coursera
25	P. Ushashree	Coursera	Build your first Machine Learning Pipeline using Dataiku	11-05-2023	Coursera Project Network
26	P. Usha Shree, D.S.V. Jyoothi	Training Program	ACCELQ Automation Expert Certification	08-05-2023 to 12-06-2023	ACCELQ Academy

Student Articles**PASSWORD TECHNOLOGY USING 3-DIMENSION**

- ◆ Password technology using 3D dimension refers to the use of three-dimensional (3D) visualization techniques to enhance the security of password authentication systems. This technology leverages the unique characteristics of 3D objects, such as shape, texture, and size, to create complex and memorable passwords that are more resistant to brute force attacks and easier to remember for users. By using 3D passwords, users can create customized authentication schemes that are tailored to their individual preferences and needs, and that are more secure than traditional text-based passwords.
- ◆ Additionally, 3D password technology can be used to enhance the security of existing authentication systems by adding an additional layer of verification and increasing the complexity of the authentication process. Overall, the use of 3D password technology has the potential to improve the security and usability of password authentication systems in a variety of applications, including e-commerce, online banking, and social networking. Password technology has been used for decades as a means of authentication in various domains. However, traditional text-based passwords are often prone to security risks such as brute force attacks, phishing attacks, and dictionary attacks, among others. 3D password technology offers a new approach to password authentication that is more secure and user-friendly.
- ◆ 3D password is an xml-based protocol designed to be an added security layer for online transactions. This strategy was initially developed by acrot systems, and first deployed by visa with the purpose of refining the security of internet payments and is offered to clients under the name verified by visa. The 3d password is very user friendly, and very interesting way of authentication process. Generally passwords are set on the bases of human memory. Usually simple passwords like pet names, places and phone numbers are set so as to quickly recall them. But in this 3D scheme human memory has to undertake the facts of recalling, recognition, token or biometrics based authentication in one single authentication system.

Implementation Steps:

1. Define the user requirements
2. Develop the 3D environment
3. Choose the authentication factors
4. Implement the password creation process
5. Integrate with existing authentication systems

Applications:

- ◆ Critical Servers, Nuclear and Military Areas,
- ◆ Banking Sector, Networking

Advantages:

- ◆ Increased security, User-friendly,
- ◆ additional layer of security Customization, Scalability

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Mr. ADIT S KUMAR
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HAPTIC TECHNOLOGY (3D TOUCH ORIENTED IMAGINATION)

- ◆ People are aware of the beauty of technology nature which helps every person to acquire intelligence, belief and knowledge to increase marketing approach and cover outside recessions. Efficient digital prototyping involves simulating objects behavior under real world. A new technology to interact with object can be implemented for daily life application. Human belief of objects would be little harm to perform actuators. The use of tactile sensations to simulate the sense of touch in a user experience and facilitates the investigation to enhance remote control of machine and devices, this kind of terminology defines Haptic Technology.
- ◆ Consciousness and movements of the sense organs drives experience of touch by applying forces, vibrations, or motions using computer simulation of haptic technology. The devices may use tactile sensors that measures forces exerted by the user on the interface. Haptic Technology is also called as kinesthetic communication or 3D touch. When virtual objects are touched, they seem real and tangible. By using this one feel as well as one can observe interactions with images. Haptic Technologies were first developed and introduced in the 1970s in India. Michael Noll at Bell Telephone Laboratories, Inc. was issued for his invention in 1975. It is derived from a greek word 'Haptikos'. Dr. Yeshwant Muthusamy is Immersion Chief Technology Officer and leads its haptics standardization and ecosystem strategy, leveraging immersion long standing leadership in haptics technology in diverse fields such as mobile devices, gaming, AR/VR, IoT and automobiles.

History of Haptic Technology:

- ◆ According to definition of Brain Computer Interface, technology merges with brain sensors and external devices via signals through haptic cores. One of the earliest applications of haptic technology was in large aircraft that use servomechanism system to operate control surfaces. In the early 1990s a new usage of the world haptics began to emerge and scientists used term haptics to label the subfield of their studies that addressed human touch-based perception and manipulation.
- ◆ This haptic information is the combination of tactile and kinesthetic informations which can be divided into simulation of a real environment and development of an imagined environment. Haptic feedback is controlled vibrations at set frequencies and intervals to provide a sensation representative of an in-game action which includes 'bumps', 'knocks', and 'tap' of one person hand or fingers. The majority of electronics offering haptic feedback use vibrations, and most use a type of eccentric rotating mass (ERM) actuator, consisting of an unbalanced weight attached to a motor shaft. As the shaft rotates, the spinning of this irregular mass causes the actuator and the attached device to shake. Piezoelectric actuators are also employed to produce vibrations, and offer even more precise motion than LRAs, with less noise and in a smaller platform, but require higher voltages than do ERMs and LRAs.

Haptic technology are classified into three types:

- ◆ **Graspable:** These kinds of haptics are used by devices to point out and create kinesthetic feedback that informs our nerves, tendons, muscles and joints. For example: Joysticks, Plastic things (rarely), Track Balls etc.
- ◆ **Touchable:** These kind of haptics are used by different textures depending on what patterns of vibrations are transmitted through pens, tap which users feel as a screen displayer. For example: Smart Mirror, Tabs, Mouse etc.
- ◆ **Wearable:** These kinds of haptics are untethered, ungrounded, body worn devices that interact with skin directly or through clothing and can be used in natural environments outside a laboratory. For example: Bug Detector, Thermometer, Jammer etc.



Fig. i. Haptic Technology

Uses of Haptic Technology:

- ◆ **Product Design:** Haptics will also play a prominent role in automotive infotainment systems. Touch screens can become more responsive and provide multiple settings based on the driver preference. Other additional automotive applications include pedal feedback and steering wheel enhancement.
- ◆ **Wellness:** The advances in wearable haptics offer great opportunities within the health tech industry. Real-time haptics gathers biometric data and can adjust the user experience to suit the user. Better feedback and data collection will make it possible for enhanced user experiences and improved health outcomes. Touch Points reports that its wearable devices can reduce stress by 74% in 30 seconds.

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V.LAXMANA VYAAS
(20R11A05B6)

Student Articles

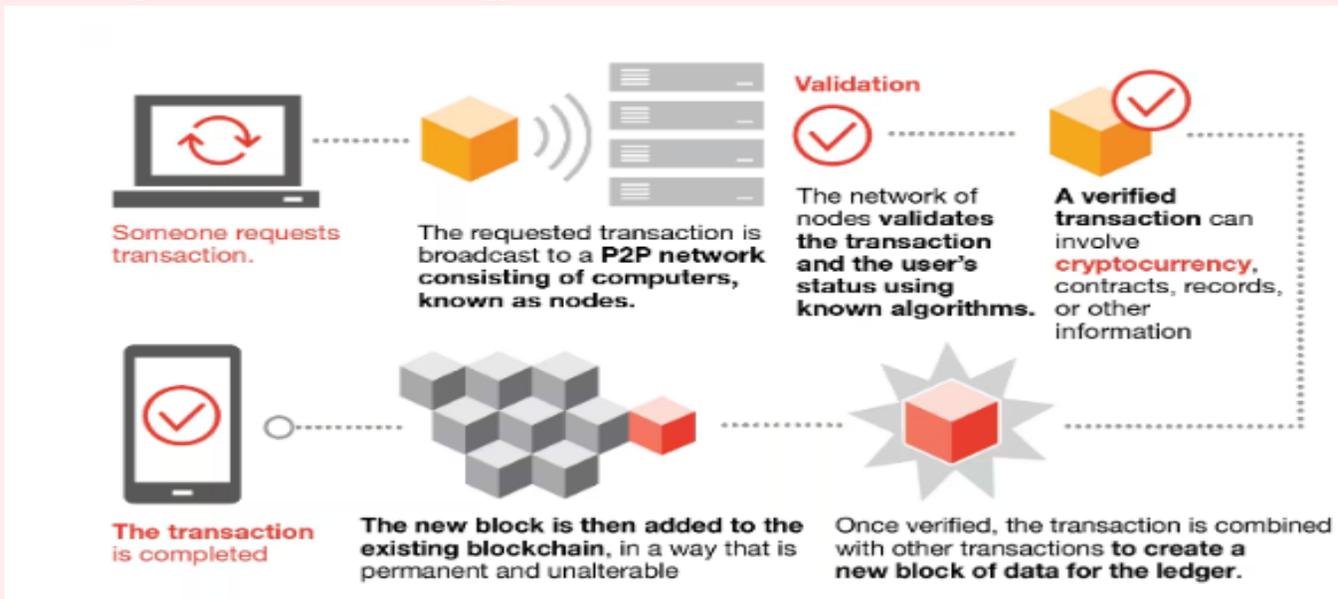
Exploring the Transformative Power of Blockchain Technology

- ◆ **Introduction:** Blockchain Technology has emerged as a ground breaking innovation, disrupting traditional industries and revolutionizing the way we conduct transactions and share information. Initially popularized by crypto currencies like Bitcoin, blockchain has proven to have far-reaching applications beyond digital currencies. In this article, we delve into the intricacies of blockchain technology, its underlying principles, and the transformative potential it holds across various sectors.
- ◆ **Definition:** Blockchain is a shared, immutable ledger that facilitates the process of recording transactions and tracking assets in a business network. An asset can be tangible (a house, car, cash, land) or intangible (intellectual property, patents, copyrights, branding). Virtually anything of value can be tracked and traded on a blockchain network, reducing risk and cutting costs for all involved.
- ◆ **Why blockchain is important:** Business runs on information. The faster it's received and the more accurate it is, the better. Blockchain is ideal for delivering that information because it provides immediate, shared and completely transparent information stored on an immutable ledger that can be accessed only by permissioned network members. A blockchain network can track orders, payments, accounts, production and much more. And because members share a single view of the truth, you can see all details of a transaction end to end, giving you greater confidence, as well as new efficiencies and opportunities.
- ◆ **Key elements of a blockchain:**
 - i) **Distributed ledger technology:**

All network participants have access to the distributed ledger and its immutable record of transactions. With this shared ledger, transactions are recorded only once, eliminating the duplication of effort that's typical of traditional business networks.
 - ii) **Immutable records:**

No participant can change or tamper with a transaction after it's been recorded to the shared ledger. If a transaction record includes an error, a new transaction must be added to reverse the error, and both transactions are then visible.
 - iii) **Smart contracts:**

To speed transactions, a set of rules — called a smart contract — is stored on the blockchain and executed automatically. A smart contract can define conditions for corporate bond transfers, include terms for travel insurance to be paid and much more.
- ◆ **How blockchain works:**
 - ◆ As each transaction occurs, it is recorded as a “block” of data. Those transactions show the movement of an asset that can be tangible (a product) or intangible (intellectual). The data block can record the information of your choice: who, what, when, where, how much and even the condition — such as the temperature of a food shipment.
 - ◆ Each block is connected to the ones before and after it. These blocks form a chain of data as an asset moves from place to place or ownership changes hands. The blocks confirm the exact time and sequence of transactions, and the blocks link securely together to prevent any block from being altered or a block being inserted between two existing blocks.

Working of BlockChain Technology:**Fig. i. Working of BlockChain Technology**

Transactions are blocked together in an irreversible chain: a blockchain – Each additional block strengthens the verification of the previous block and hence the entire blockchain. This renders the blockchain tamper-evident, delivering the key strength of immutability. This removes the possibility of tampering by a malicious actor — and builds a ledger of transactions you and other network members can trust.

Benefits of Block Chain Technology:**i) Greater trust**

With blockchain, as a member of a members-only network, you can rest assured that you are receiving accurate and timely data, and that your confidential blockchain records will be shared only with network members to whom you have specifically granted access.

ii) Greater security

Consensus on data accuracy is required from all network members, and all validated transactions are immutable because they are recorded permanently. No one, not even a system administrator, can delete a transaction.

iii) More efficiencies

With a distributed ledger that is shared among members of a network, time-wasting record reconciliations are eliminated. And to speed transactions, a set of rules — called a smart contract — can be stored on the blockchain and executed automatically.

◆ Applications of Block Chain Technology:

Financial Sector, Supply Chain Management, Governance and Voting, Intellectual Property, etc.

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**Mr. A. Uday****(Roll No.:22R11A0502)**

Student Articles

The Digital Revolution: Unleashing the Power of Digital Technologies

The Digital Revolution, also known as the Third Industrial Revolution, is the shift from mechanical and analogue electronic technologies from the Industrial Revolution towards digital electronics which began in the latter half of the 20th century, with the adoption and proliferation of digital computers and digital record-keeping, that continues to the present day.

- ◆ **Introduction:** In the fast-paced era we live in, digital technologies have become an integral part of our daily lives. From smart phones to artificial intelligence and blockchain, these innovations are transforming the way we communicate, work, and interact with the world around us. In this article, we will explore the profound impact of digital technologies across various sectors and delve into the promises and challenges they bring.
- ◆ **Communication and Connectivity:** Digital technologies have revolutionized communication by breaking down barriers of time and distance. With instant messaging apps, social media platforms, and video conferencing tools, people can connect and collaborate effortlessly regardless of their location. Moreover, the advent of 5G technology has opened up new possibilities for faster and more reliable connectivity, enabling seamless streaming, smart homes, and Internet of Things (IoT) devices.
- ◆ **Business Transformation:** Digital technologies have disrupted traditional business models and unlocked innovative avenues for growth. E-commerce platforms have revolutionized the retail industry, offering customers convenience, choice, and personalized experiences. Companies are leveraging big data analytics and machine learning algorithms to gain valuable insights into customer behaviour, optimize operations, and deliver targeted marketing campaigns. Additionally, cloud computing has empowered businesses to scale rapidly, reduce costs, and enhance data security. Technology has come up with new dawn in delivering services at our doorstep through e-Commerce. Examples Amazon, Flipkart, Zomato and Swiggy.
- ◆ **Education and Learning:** The digital revolution has had a significant impact on education, making knowledge accessible to learners of all ages and backgrounds. Online learning platforms offer a wide range of courses and certifications, allowing individuals to acquire new skills and advance their careers at their own pace. Virtual reality (VR) and augmented reality (AR) technologies are transforming the way students learn by providing immersive and interactive experiences. Furthermore, digital tools facilitate collaboration among educators, enabling them to share resources and best practices globally. Example: online mode of learning through SWAYAM, BY-JUS and other online platforms.
- ◆ **Healthcare and Medicine:** Digital technologies have the potential to revolutionize healthcare delivery and improve patient outcomes. Electronic health records (EHRs) have digitized patient information, making it easier for healthcare professionals to access and share critical data. Telemedicine has emerged as a convenient solution, allowing patients to consult doctors remotely and receive medical advice without physical visits. Moreover, wearable devices and health apps help individuals monitor their vital signs, track fitness goals, and take proactive steps towards preventive healthcare. Example: Sanjeevani facilitates quick and easy access to doctors and medical specialists through smart phones, we can access quality health services remotely via e-Sanjeevani through new era of technology.

Student Articles**The Digital Revolution: Unleashing the Power of Digital Technologies:**

- ◆ **Ethical and Social Implications:** While digital technologies offer immense benefits, they also raise ethical and social concerns. Privacy and data security are major challenges in the digital age, as personal information is vulnerable to cyber threats and misuse. Issues such as fake news, online harassment, and algorithmic bias call for responsible use of digital platforms and careful regulation. Digital revolution is the growth of social, political, and economic change brought by digital technology.
- ◆ The word Digital is a technology that symbolize written, visual, audio, and data as numbers. Digital content is data that represent numbers, pictures, and music through electrical signals. Information is a powerful tool.

The Five Phases of Digital Revolution:

Phase 1: Data Processing: It refers to the cleaning, transforming, and integrating of data in order to make it ready for analysis. The goal of data preprocessing is to improve the quality of the data and to make it more suitable for the specific data mining task.

Phase 2: Personal Computing: Personal computing is independent computers powered by local software. Local software is any software installed on a computer's storage device.

Phase 3: Network Computing: Network computing is when computers became networked and when the Internet opened for public use. A group of computers linked together to share data and resources is called a computer network.

Phase 4: Cloud Computing: cloud computing is the delivery of computing services - including servers, storage, databases, networking, software, analytics, and intelligence - over the Internet ("the cloud") to offer faster innovation, flexible resources, and economies of scale. You typically pay only for cloud services you use, helping you lower your operating costs, run your infrastructure more efficiently, and scale as your business needs change.

Phase 5: Ubiquitous Computing: Pervasive computing, also called ubiquitous computing, is the growing trend of embedding computational capability (generally in the form of microprocessors) into everyday objects to make them effectively communicate and perform useful tasks in a way that minimizes the end user's need to interact with computers as computers. Pervasive computing devices are network-connected and constantly available. It is manipulating real-world objects instead of data. This is where virtual reality, the Internet of Things, and automated vehicles shape the new digital era.

Conclusion: Digital technologies have revolutionized our world, transforming the way we communicate, work, learn, and live. It has been brought unprecedented convenience, efficiency, and innovation across various sectors.

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**P. BABY SHIVA NAGA SRIYA****Roll Number: 21R11A0595**

Will AI Really Replace 300 Million Jobs By 2030?

What is Artificial Intelligence?

When you hear the term Artificial Intelligence you immediately think of movies where machines take over the world, tesla cars, robots and what not.

- ◆ **Artificial Intelligence** in simple terms is the ability of a computer program or machine to think and learn, it is also a field of study which tries to make computers smart. It also means a program which tries to mimic humans the way see things do things and think. The hype for Artificial Intelligence has been around us for a while. AI has already shown its superiority in navigation apps, smart phones, and more to carry out creative tasks. This AI hype isn't going to end any time soon.
- ◆ According to Precedence Research, the global AI market is expected to hit US\$ 1,597.1 billion by 2030. With AI spreading its usage in various fields, we can expect new jobs in programming, development, testing, and many more. Top tech giants like Facebook, Google, etc., are putting AI in front of everything. This indicates the future belongs to this technology, and there will be a dire need for talented professionals in this field. To achieve these capabilities, AI works by processing data to identify patterns, make predictions, and recommend actions on any given task.

AI is commonly broken into two categories:

- ◆ **Weak AI** – otherwise known as 'narrow AI' – is focuses on performing a specific task or function, and generally requires human interfacing to operate. Examples of weak AI include Apple's Siri, Amazon's Alexa, or Google Assistant. These virtual assistants can understand certain keywords and produce responses to commands, but can't discern the meaning of what was said.
- ◆ **Strong AI** – In contrast, strong AI is general in its function, it can reason, plan, learn and problem-solve autonomously. Currently, strong AI is theoretical and there are no practical examples of it in use today, but numerous applications are in development. One area that strong AI could be applied is cyber security, where AI intelligence could aid in breach detection, threat intelligence and risk analysis.

How Artificial intelligence is changing your life unknowingly :

- ◆ AI is revolutionizing the everyday processes in several industries and changing the very core of how business is done. We are seeing this upheaval in every manpower-oriented industry like education, retail, healthcare, and manufacturing.
- ◆ **In healthcare:** AI algorithms can analyze large amounts of patient data and medical research to identify patterns and potential risk factors. AI is helping develop new drugs and therapies, diagnose diseases more accurately.
- ◆ **In education:** AI-powered chatbots can answer students' questions and provide feedback in real-time. AI algorithms can analyze student data to identify areas where they need additional guidance and recommend personalized study plans.
- ◆ **Financial Services:** AI has numerous applications in both consumer finance and global banking operations, like Financial fraud attempts.
- ◆ **Security:** Every company must ensure security by protecting confidential information or detecting malicious threats. Using artificial intelligence can help prevent unauthorized access, like phishing and hacking.

Student Articles**Will AI Really Replace 300 Million Jobs By 2030?**

- ◆ **Technology:** One of the most significant impacts of AI on the high-tech industry will be automation. By using machine learning algorithms and natural language processing, AI can automate many of the tasks currently performed by humans, from data entry to customer service such as Self driving cars, speech and text recognition, content learning, image creation, articles creation, video editing, image editing, music composing and even AI can chat like you by analyzing your data.
- ◆ **The impact of AI on jobs:** Artificial Intelligence might help job automation, but it can never replace human intelligence. AI has the potential to revolutionize productivity and create new job opportunities, it also poses challenges in terms of workforce displacement. It highlights that certain jobs, particularly those involving routine tasks and manual labor, are at a higher risk of being automated and replaced by AI systems.

**Fig. i. impact of AI on jobs**

- ◆ During the Industrial Revolution, more and more tasks in the weaving process were automated, prompting workers to focus on the things machines could not do, such as operating a machine, and then tending multiple machines to keep them running smoothly. Although it has replaced many jobs, this caused output to grow explosively.
- ◆ Similarly, it is also important to recognize that AI has the potential to create new jobs and industries, particularly in areas like data science and machine learning. It does replace jobs, but governments, organizations, and individuals should focus on upskilling and reskilling initiatives to adapt to the changing job landscape. The retraining of employees to develop skills that complement AI technologies is deemed essential.

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Student Articles

React.js versus Angular.js: A Comprehensive Comparison

What is React JS?

- ◆ React is a front-end JavaScript library that allows you to build user interfaces from reusable UI components. React uses server-side rendering to provide a flexible and performance-based solution. It allows developers to create seamless UX and complex UI. Furthermore, for an ultimate experience with UI/UX, you can get the best help from React frontend development services.
- ◆ Since React follows the “Learn Once, Write Anywhere” principle, it’s the preferred choice for developers to build fast and scalable applications. Along with JavaScript, React can also be used with JSX. Developed by Facebook, React is maintained by Facebook communities and individual developers.

What does React have over Angular?

- ◆ JSX Advantage
- ◆ Building Blocks Flexibility
- ◆ Isomorphic JavaScript
- ◆ Single Data Binding

What is Angular JS?

- ◆ Angular is an open-source JavaScript front-end framework developed and managed by Google’s Angular team. Angular is the most popular client-side framework for developing scalable and high-performing mobile and web apps using HTML, CSS, and TypeScript. The latest version of Angular is Angular 13, which offers enterprise-ready web app development solutions and is widely used by companies for web development.
- ◆ Angular is a complete rewrite of AngularJS (Angular 1.0) released in 2010. However, if you are not aware of the difference between Angular vs AngularJS, you can read our blog for better clarity. The MVC (Model View Controller) technique is used by Angular, which divides work into logical pieces and speeds up the initial webpage loading time.

What does Angular have over React?

- ◆ MVC Model
- ◆ Dependency Injection
- ◆ Out-of-the-box Full Stack Framework
- ◆ Two-way Data Binding
- ◆ Amazing App Structure

Difference Between Angular and React:

While discussing the Angular vs React comparison, you should know that many small to large enterprises have leveraged React and Angular to build applications. As per the Built With statistics, around 11,908,579 websites use React, while 327,765 websites use Angular.

Student Articles

React.js versus Angular.js: A Comprehensive Comparison

Difference Between Angular and React:

- ◆ AngularJS, developed by Google, is an open-source structural framework used to build dynamic web apps, while ReactJS, developed by Facebook, is an open-source library that allows you to build UI components.
- ◆ Angular JS is a TypeScript-based web application framework, whereas React JS is a JavaScript-based library.
- ◆ While talking about React JS vs Angular, Angular is a JS framework built using TypeScript, whereas React JS is a JS library built using JSX.
- ◆ React.js is mostly used to build interactive UI components with frequently variable data, whereas Angular.js is used to build complex enterprise apps like progressive web apps and single-page apps.
- ◆ While comparing Angular JS vs React JS, Angular JS is used to build single-page applications using HTML and TypeScript. React JS is commonly used to create user interfaces for single-page applications from isolated components.
- ◆ React is a JavaScript library, developed and maintained by Facebook, whereas Angular is a TypeScript-based JavaScript framework developed by Google. React supports one-way data binding and virtual DOM, whereas Angular supports both one-way and two-way data binding, along with incremental DOM.
- ◆ Angular is a part of the MEAN stack and is very compatible with many code editors. It's also considered to develop dynamic websites and web apps. On the other hand, React is widely used to develop reusable HTML elements for front end development.
- ◆ **Popular Apps** using React JS: Facebook, Skype, Instagram, Walmart
- ◆ **Popular Apps** using with Angular JS: IBM, PayPal, Freelancer, Upwork

Conclusion:

Angular.js and React.js are both powerful front-end web application frameworks, but they differ in their approach to building applications, their architecture, and their features. Angular.js is a more opinionated and comprehensive framework that is suitable for building complex, single-page web applications, while React.js is a more lightweight library that focuses on the View layer of the MVC architecture and provides a declarative approach to building user interfaces. Ultimately, the choice between Angular.js and React.js depends on the specific needs of your project and the preferences of your development team.

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V. JEESHITHA

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Article: Quantum Machine Learning

- ◆ Quantum Machine Learning (QML) has emerged as an intriguing discipline that amalgamates the principles of quantum mechanics and machine learning to extend the frontiers of artificial intelligence. Within this article, we embark on a journey into the realm of QML, delving into its core principles, possible applications, and ongoing research trends. By witnessing the fusion of quantum computing and machine learning, we envision a future where quantum systems redefine the landscape of data processing, optimization, and pattern recognition.
- ◆ QML brings together the power of quantum computing and the versatility of machine learning algorithms. The principles of superposition and entanglement in quantum mechanics can be harnessed to enhance computational capabilities, enabling new approaches to solving complex problems. In QML, quantum states are used to represent and process data. Information manipulation and encoding in quantum systems are referred to as quantum data representation. Quantum computers use quantum bits, or qubits, which can exist in superposition states and represent a combination of 0 and 1 simultaneously. This is in contrast to classical computers, which use bits to represent information as either 0 or 1. In order to improve computational capabilities and enable more effective processing of complex data, quantum data representation techniques aim to take advantage of the special qualities of qubits.

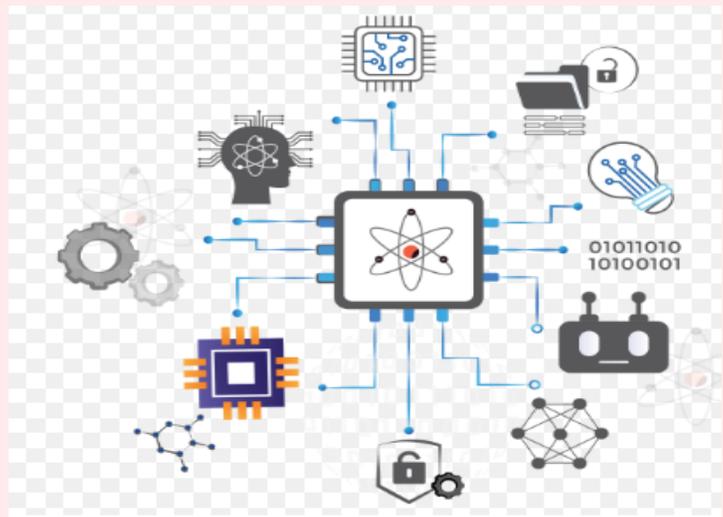
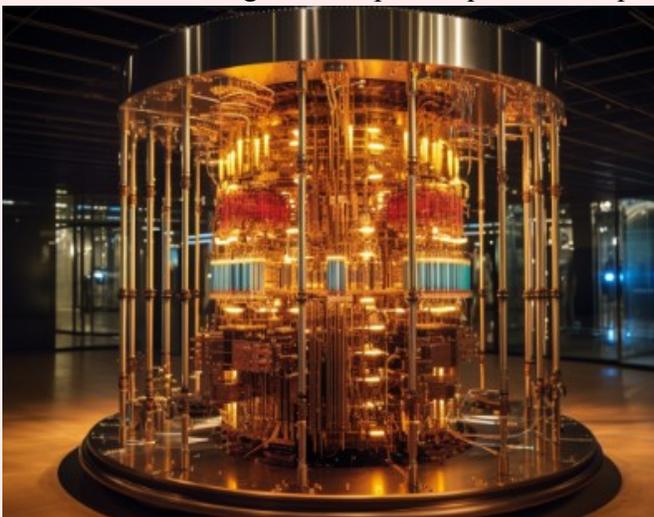


Fig i. Quantum Computer

- ◆ Quantum feature maps are a popular technique for representing quantum data. These maps convert conventional data into quantum states, enabling the decoding of the information using quantum algorithms. They enable the representation of complex patterns and relationships within the data, which can be exploited by quantum machine learning algorithms for tasks such as classification and regression.
- ◆ QML can be implemented via various quantum computing platforms. They refer to the physical or virtual systems that enable the execution of quantum algorithms and computations. These platforms provide the necessary hardware and software infrastructure to manipulate and control qubits, the fundamental units of quantum information. There are several types of quantum computing platforms, each with its own characteristics, capabilities, and limitations. Few of the commonly known platforms are: Universal Quantum Computers, Noisy Intermediate-Scale Quantum (NISQ) Devices, Quantum Simulators, Quantum Annealers, Cloud-based quantum computing.

Quantum Neural Networks

- Quantum neural networks (QNNs) represent a promising direction in QML. It is a fascinating area of research within QML. Combining the principles of quantum computing and neural networks, QNNs offer a novel approach to solving complex machine learning tasks. In a QNN, quantum elements, such as qubits and quantum gates, replace traditional binary units and classical operations, respectively, enabling the exploration of quantum effects for enhanced learning capabilities.
- Quantum Machine Learning (QML) has demonstrated potential in a variety of practical applications across numerous industries. QML has the potential to revolutionize the field of quantum chemistry by enabling more accurate simulations of molecular systems. By leveraging quantum algorithms and quantum hardware, QML can provide insights into chemical reactions, optimize molecular structures, and accelerate the discovery of new drugs and materials. QML can be used to solve many practical optimization issues, including supply chain management, portfolio optimization, and scheduling. QML can play a role in enhancing NLP tasks such as language generation, sentiment analysis, and information retrieval. Quantum Machine Learning (QML) has the transformative potential to revolutionize various fields by leveraging the power of quantum computing and machine learning. By harnessing quantum phenomena such as superposition and entanglement, QML offers the possibility of solving complex problems faster and more efficiently than classical methods. QML has the potential to enhance simulations in quantum chemistry, optimize solutions for optimization problems, improve financial modelling and risk analysis, advance natural language processing tasks, revolutionize machine vision and image analysis, and even enhance classical machine learning algorithms.

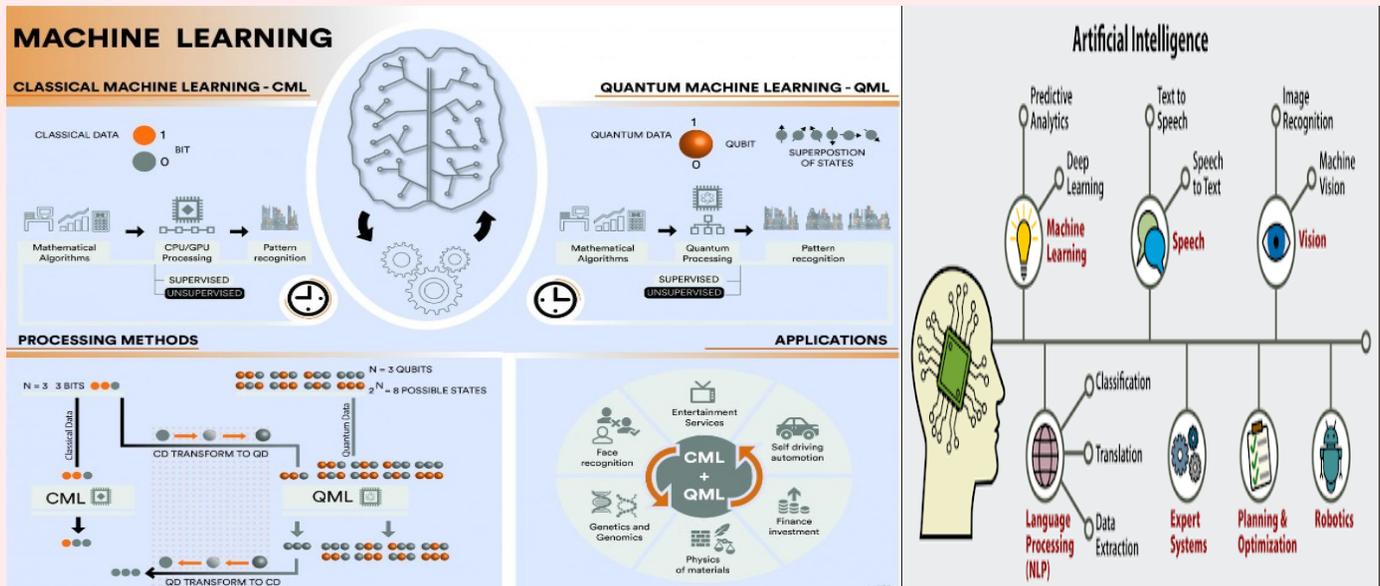


Fig. ii. Quantum Machine Learning

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Mrs. S. Radha,
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Article**PROJECT DHEERAH: HOLISTIC YOUTH EMPOWERMENT**

(Bringing out the best in youth preparing them to face challenges of the world with a smile)

What is Dheerah?

- ◆ **DHEERAH** is a project initiative for Holistic Empowerment of Youth. An initiative by **Dharma Seva** in association with **Telangana State Council for Higher Education, Telangana State Legal Services Authority - High Court of Telangana**.
- ◆ **DHEERAH** means an ultimate individual who has complete mastery over one's mind and displays benevolent qualities of love, compassion, courage, happiness, positivity, peace, truth, moral values, equality, non-violence and selflessness.
- ◆ The Founder of Project Dheerah was **Mr. J. Nishanth Reddy, Managing Trustee Dharma Seva**.
- ◆ Project DHEERAH is an initiative by **Dharma Seva**, not-for-profit charitable organization.
- ◆ DHEERAH is connected and empathetic to Nature and all living beings.
- ◆ DHEERAH has good health – physical, mental and spiritual. DHEERAH has broad minded, clear Goals in life benefitting the planet.
- ◆ DHEERAH leads a meaningful life to his/her full potential facing the vicissitudes of life with courage and wisdom.
- ◆ DHEERAH practices all the techniques that make him/her to remain unaffected by any negativities and distractions.
- ◆ DHEERAH is a representation of a **ROLE MODEL** and **INSPIRATION** to our Youth for leading an ideal, healthy lifestyle.

Objective of Dheerah:

- ◆ To educate and motivate our youth to practice various techniques and skills that will make them strong mentally & physically - DHEERAHs of the modern world. To make them aware of the threats and risk mitigation. To impart important Life skills. DHEERAH experience will complement the technical education provided in schools and colleges making education more holistic. To encourage students to set broad based selfless Goals for betterment of the planet.

You may Get Involved with DHEERAH program in the following ways:

- ◆ DHEERAH Web App can be accessed from **www.Dheerah.in**
- ◆ While learning & adopting a healthy lifestyle yourself, as suggested by DHEERAH App, you can motivate your near and dear to also register in the App, follow healthy lifestyle and get benefitted.
- ◆ Report any illegal activities in and around your college campus related to substance abuse, women harassment, cyber crime, etc. using '**Report Incident**' feature of **DHEERAH App** under complete anonymity.
- ◆ Encourage your friends to '**Request Help**' on **DHEERAH App** and help them overcome their addictions or mental health problems.
- ◆ Become a DHEERAH committee member and organize activities.
- ◆ Associate with **Civil Society Organizations (CSOs)** working on various social issues like climate change, women issues, child issues, etc.

TECHNIQUES, SKILLS AND ACTIVITIES of DHEERAH:

DHEERAH program through various modules – onsite, on field, online (Zoom), offline (Mobile App) makes the youth aware of various techniques, skills and activities that will empower them.

Given below are the details of some of them:

POSITIVITY AND STRENGTHENING TECHNIQUES/ACTIVITIES:

- ◆ **Vipassana Meditation:** Mastery over mind - Develops good qualities, Concentration, Peace, Balance.
- ◆ **Natural Lifestyle:** Good health, leading Medicine free life, natural healing.
- ◆ **Yoga:** Mind body connection, builds flexibility, strength, improves organ function.
- ◆ **Sports:** Happiness, Fun, Improves attitude, physical and mental strength.
- ◆ **Martial Arts:** Builds Power, Courage, Protectiveness.
- ◆ **Strength Training:** Builds confidence, improves physical appearance and strength, health.
- ◆ **Nature walks and Adventure:** Positivity from Nature, Courage, Confidence.
- ◆ **Social Service:** Develops Empathy, helps establish broader goals, leads to fulfillment.
- ◆ **Connection with Universe:** Develops the quality of selflessness, oneness with all beings and nature, Rids loneliness.
- ◆ **Spirituality:** Develop the qualities of universal love, compassion, selflessness, gratitude, joy.

ESSENTIAL LIFE SKILLS:

- ◆ **Relationships Management:** Caring for near and dear, society. Selecting life partner, bringing up children.
- ◆ **Entrepreneurship:** Basics, Ethics & Values, Online selling.
- ◆ **Job interview skills:** Presentability, online evaluation & feedback.
- ◆ **Organic Veg growing:** The art of growing vegetables at home using Organic methods. Improves health.
- ◆ **Kitchen waste composting:** Recycling Kitchen organic waste to make manure.
- ◆ **Minimalistic living:** Saving electricity, Water, Reducing Carbon footprint through minimalistic living.
- ◆ **Planting trees:** Planting saplings for addressing the issue of Climate change.

SKILLS FOR PROTECTION OF SELF AND THE VULNERABLE:

- ◆ Protection against Cyber crimes, Protection against harassment, Protection of Trees and Natural Resources and Anti Corruption: Awareness, complaining to authorities.
- ◆ Filing Right To Information (RTI) application,
Filing Public Interest Litigation (PIL): Awareness, Filing.
- ◆ Anti Drugs: Awareness, complaining to authorities, rehab.
- ◆ Activism: Peaceful protest, demonstrations

YouTube link reference - <https://youtu.be/jqkMeR1blUo>

Website: <https://dheerah.in/>



Mr. Y. Siva
Assistant Professor,
CSE Dept.

Ashtanga Vinyasa YOGA

Yama - Social discipline

1. Ahimsa - non-violence, non-harming other beings
2. Satya - truthfulness, non-falsehood
3. Asteya - non-stealing
4. Brahmacharya - chastity, marital fidelity
5. Aparigraha - non-avarice, non-possessiveness

Niyama - Self discipline

1. Shauch - purity, cleanness of mind, speech and body
2. Santosk - contentment, optimism for self
3. Tapas - persistence, perseverance, austerity
4. Brahmicharya - study of self, self-reflection
5. Ishvara Pranidhana - contemplation of the supreme

Asana - Body discipline

Asana is a posture that one can hold for a period of time, staying relaxed, steady, comfortable and motionless. Asanas are perfected over time by relaxation of effort with meditation on the infinite.

Pranayama - Breath discipline

Pranayama is the control of breath. Regulating the breath is done in several ways, such as by inhaling and then suspending exhalation for a period, exhaling and then suspending inhalation for a period, etc.

Pratyahara - Sense discipline

Pratyahara is drawing within one's awareness. Pratyahara empowers one to stop being controlled by the external world, fetch one's attention to seek self-knowledge and experience the freedom innate in one's inner world.

Dharana - Firm discipline

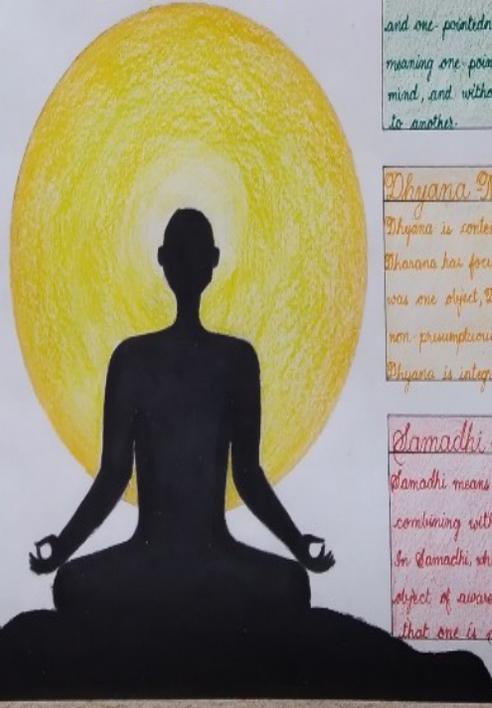
Dharana means concentration, introspective focus and one-pointedness of mind. The mind is fixed meaning one-pointed focus, without drifting of mind, and without jumping from one topic to another.

Dhyana - Meditation discipline

Dhyana is contemplating, reflecting on whatever Dharana has focused on. If the concentration was one object, Dhyana is non-judgmental, non-presumptuous observation of that object. Dhyana is integrally related to Dharana.

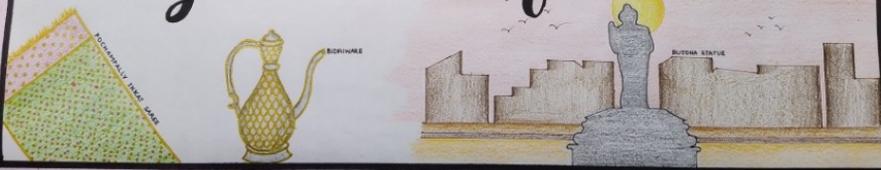
Ramadhi - Self realization

Ramadhi means putting together, joining, combining with union, harmonious whole dance. In Ramadhi, when meditating an object, only the object of awareness is present, and the awareness that one is meditating disappears.



DONE BY -
B.UMA MAHESH
CSE - II B
21R11A0562

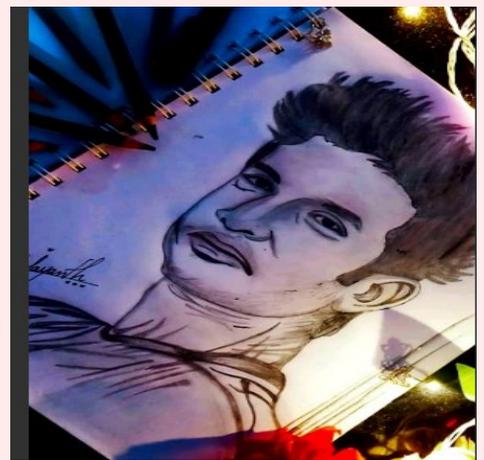
Telangana's spirit alive & bright,
Festivals unfolds, a radiant sight.
Colors dance, stories intertwine,
Heritage celebrated, for all time.



- B.UMA MAHESH
21R11A0562, CSE - II B



Art by **B. UMA MAHESH**
(Roll No: 21R11A0562)



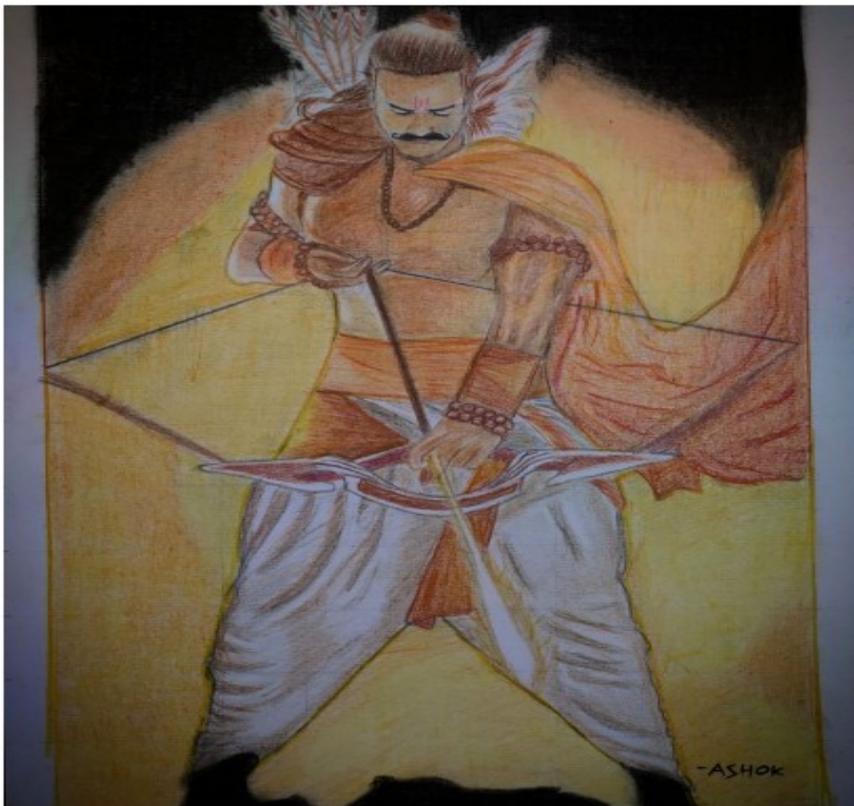
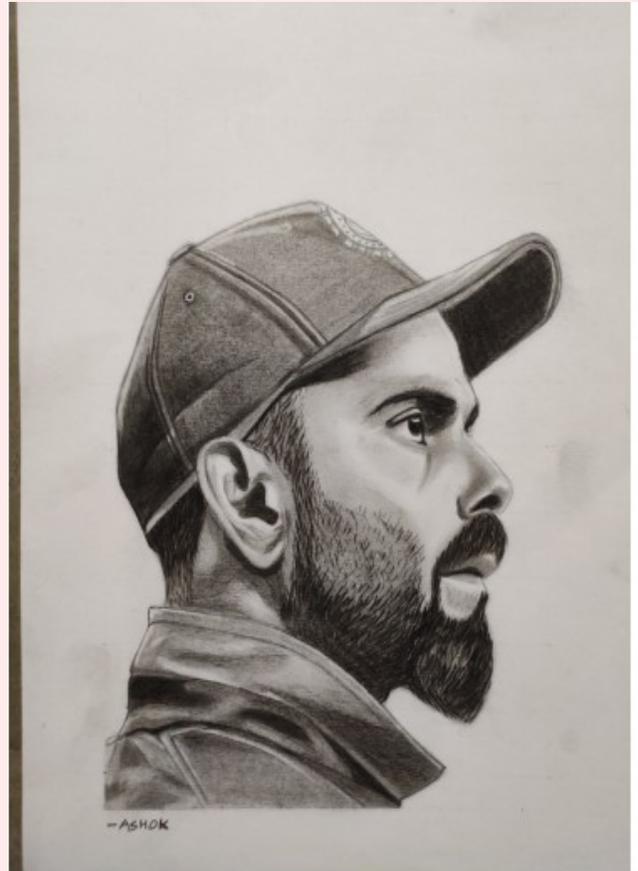
Art by AVVARU GURU JAYANTH
(Roll Number: 21R11A0559)



Art by AVVARU GURU JAYANTH (Roll Number: 21R11A0559)



Art by Mr. Gudikati Ashok (Roll Number: 22R15A0508)



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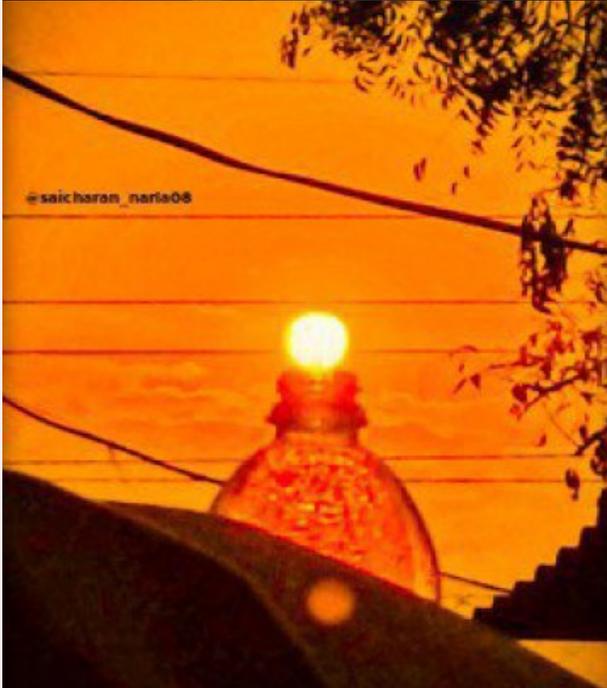


Photo Click by
Mr. Narla Sai Charan
(Roll Number: 21R11A0588)

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S.No.	Roll Number	Student Name	Year
1	19R11A05E1	Mr. V SAI PRAKASH CHARY	IV Year
2	19R11A05D0	Ms. PEDDINENI JAHNAVI	IV Year
3	19R11A05C9	Mr. PANYAM BADRINATH REDDY	IV Year
4	19R11A05F5	Mr. DATLA SRIHARSHITH SAI VARMA	IV Year
5	19R11A0548	Ms. VUDHANTHI NEERAJA	IV Year
6	19R11A05K7	Ms. B. S SHRADDHA PRIYA	IV Year
7	20R11A05K2	Mr. DHARAVATH ROUNITH	III Year
8	20R11A0539	Ms. MUSAPETA DEEPIKA	III Year
9	20R11A0582	Ms. GUTHIKONDA DHRUTI	III Year
10	20R11A0593	Ms. KHUSHI JHA	III Year
11	20R11A05B6	Mr. V LAXMANA VYAAS	III Year
12	20R11A05F7	Ms. PABBA SHREYA	III Year
13	21R11A0597	Mr. SHIVANOOR VIGNESH	II Year
14	22R15A0508	Mr. GUDIKATI ASHOK	II Year
15	21R11A0559	Mr. AVVARU GURU JAYANTH	II Year
16	21R11A05J7	Mr. PALLE ANUROOP REDDY	II Year
17	21R11A05D2	Ms. MANDADI HARSHITHA REDDY	II Year
18	21R11A05K0	Mr. RAMIDI HARINATH REDDY	II Year
19	22R11A0509	Ms. CH. AMRUTHA VARSHINI	I Year
20	22R11A0502	Mr. A. UDAY	I Year

