

THRIVE

-TO RISE HIGH

January 2025

Volume: 12 Issue:1

ABOUT THE DEPARTMENT

“To the Optimist the glass is half full. To the pessimist the glass is half empty. To the engineer the glass is twice as big as it needs to be.”

The Department of Information Technology launched in the year 2012, focus on comprehensive learning to benefit the students in making significant contributions to the Information Technology industry and to serve the society big.

The faculty members are highly motivated with pioneer research and excel in teaching and learning processes. They deliver opportunities for the students to smear the assimilated knowledge for solving real-world problems and gaining graduate research experience.

The foremost objective of the department is to produce computing graduates with the calibre to design and develop computing systems that involves software and hardware integration by employing state-of-the-art approaches in programming and problem-solving skills. In addition, it strives to build data/computing infrastructure for the organization.

IT Faculty



VISION

To emerge as a center of excellence in Information Technology and to produce women technocrats, global leaders for better tomorrow.

MISSION

M1: To impart quality education and inculcate problem solving skills using latest technologies in the field of Information Technology.

M2: To encourage multidisciplinary research and consultancy projects.

M3: To promote industry academia linkage and also enhance entrepreneurship skills in women engineers.

PROGRAM EDUCATIONAL OBJECTIVES

PEO 1: Develop strong analytical skills using fundamental concepts of science & engineering subjects.

PEO 2: Excel in programming and critical thinking by applying core technical knowledge.

PEO 3: Exhibit continuous learning related to evolving technologies in their professional career.

PEO 4: Demonstrate ethical behavior, team work & leadership qualities to solve problems in broader social context.

PROGRAM SPECIFIC OUTCOMES

PSO 1: Formulate, simulate and use knowledge in various domains like Computer systems, data engineering, information and network security, artificial intelligence etc., thus enabling them for a better career path.

PSO 2: Provide optimized solutions using open-ended programming environment by following industry practices and strategies.

MESSAGE FROM HEAD OF THE DEPARTMENT

“ Teaching is the profession that teaches all the other professions “

Greetings from the Department of Information Technology, BVRIT HYDERABAD. It gives me an immense pleasure to lead the IT Department. The department strive obstinately for achieving excellence in computing disciplines from its inception and pursued through its gamut of academic programs by offering B. Tech (IT) degree with an intake of 60 (120 from 2019) and M. Tech (Data Sciences) with an intake of 18 from 2020. My team comprises of well experienced faculty members & Technical Staff.

I congratulate all the students who are placed in various renowned companies like Amazon, Accenture, Capgemini, TCS, Cognizant, Athena health etc.



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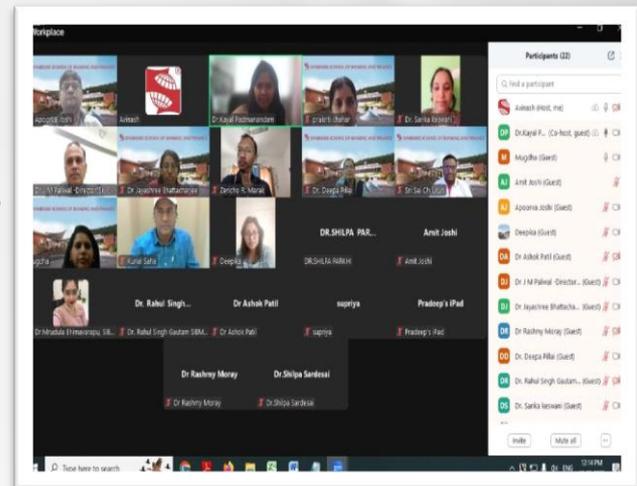
FACULTY AWARDED PHD

Dr.K.Bharathi, Awarded “Doctor of Philosophy “ in CSE under JNTUH for the thesis entitled “ A Deep Learning Approach for Content Based image Retrieval using Bag-of-words and Whale Optimization Algorithm” on 31st March 2025.



FACULTY ACHIEVEMENTS

- Dr. P. Kayal has been invited to deliver an expert talk during the online Faculty Development Programme (FDP) on “AI in Banking,” organised by the Symbiosis School of Banking & Finance, Symbiosis International (Deemed University), in May 2025.



RESEARCH TALK ORGANIZED

Department of IT organized Research Talk on “Bridging Gaps, Driving Innovation : The Key to Research Problem Formulation” organized for students by the Dept.IT -R&D Centre and invited a resource person Dr. K. Swarupa Rani 28th Feb 2025.



TECHNICAL EVENTS ORGANIZED

Technical Event “BUGBOUNTY” and Technical Event “Flag Quest” on 2nd April 2025.



PAPER PUBLICATIONS

- Ms .S. Rama Devi, Associate Professor published paper titled “A Study on Fatty Liver Segmentation and Classification as Revealed by CT Scans” on 25th Jan 2025.
- Dr. P. Kayal ,Associate Professor published paper titled “An intelligent emotion prediction system using improved sand cat optimization technique based on EEG signals” on 28th Feb 2025.
- Dr. B. Srinivasulu,Assistant Professor published paper titled “SYNCVISION:High-Resolution Speech-Synchronized Portrait Animation Using Condition Generative Adversarial Networks on 25th April 2025.
- Dr.ArunaRao S.L,Ms.S.Rama Devi Associate Professor published paper titled “ Zero Knowledge for Privacy Preserving for Federated Learning in Health Systems” 26th May 2025.

PATENT PUBLICATIONS

- Dr.Aruna Rao S.L,Ms.S.Rama Devi,Dr,B.Srinivasulu Dept. of IT, published a Indian process patent” AI-Driven Discovery:Revolutionizing Healthcare and Reducing Development Timelines” 202541006249 on 25th Jan 2025.
- Dr. P. Kayal , Associate Professor, Dept. of IT, published a Indian process patent “Multi-Modal Deepfake Detection for enhanced Cross-Modal Consistency and Synchronization “ 202541034195 on 4th April 2025.
- Dr. P. Kayal , Associate Professor, Dept. of IT, published a Indian process patent “Real-Time Ceramic Tile Surface Defect Detection Using Convolutional Neural Networks “ on 19/04/2025.
- Dr.B.Srinivasulu Assistant Professor published a Indian process patent “Symptom Checker and Intelligent Health Assistant with Chatbot” 202541030782 on 18th April 2025.
- Dr.A.Lakshmi Assistant Professor published a Indian process patent “System and Method for Time-Efficient Food Preparation and Stylish Presentation” on 30th May 2025.

BOOK/BOOK CHAPTER PUBLISHED

- Dr.Mukhtar Sofi Published a Book with Title “ Advances in Deep Learning “ Volume 2 on 3rd May 2025.
- Dr.B.Srinivasulu Published book chapters in "Generative AI in Neurology Advancing Neurodegenerative Disease Treatment" textbook 1st Edition in Taylor and Francis Group” on 31st March 2025
- Dr.B.Srinivasulu Published book chapter in “Federated Learning-Enabled CNN for Predicting and Detecting Brain Tumors in Healthcare 6.0” in the book “Federated Learning for Neural Disorders in Healthcare 6.0 in Taylor& Francis Group on 29th April 2025.

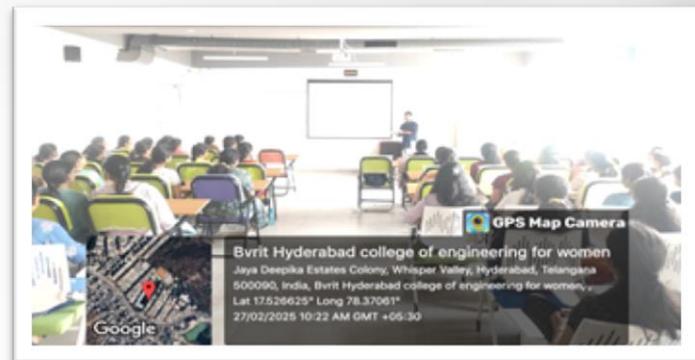
GUEST LECTURES/WORKSHOPS/FDP'S/HACKATHONS ORGANISED

- Session on “Qlik Academic Programme” held on 21st Feb 2025 around 80 students attended this session.



- Session on “Data Analytics and AI with LLM Programme” organized for All Students of II B.Tech II Semester on 22nd Feb 2025.

- Guest Lecture on “Federated Learning: The Future of Privacy - Preserving -AI” for all IT Students around 73 students attended on 27th Feb 2025.



2-day Emerging Technologies skill

Development Program on 3th-5th May 2025

- GenAI Hackthon is Organized on 28 Feb - 1st March 2025 by R& D Cell





A Workshop on “AI Cloud based Tools for Research” by NITTR, Chandigarh organized on 28 March 2025.

R & D Show Case and Boot Camp Organized



R & D Showcase is organized under R& D Cell for all final year students on 11th June 2025 and all teams are participated actively in this to showcase their Projects.

- WINGS AI Bootcamp is Organized on 18th May - 31st May 2025.



FACULTY WORKSHOPS/FDP'S ATTENDED

- Dr.Aruna Rao S.L ,Associate Professor attended Workshop on “ Design Curriculum & Course structure of UG Engineering Programme “ organized by JNTUH on 8th Jan 2025.
- Dr.Aruna Rao S.L ,Associate Professor attended Google Educator Summit organized by AICTE & EDUSkills on 23rd January 2025.
- Ms.R.Sravani ,Ms.Aneetta Sara attended Workshop on “Building Web Development Solution with Cloud Computing organized by GokarajuRangaraju Institute of Engineering and Technology & Telangana Academy for Skill and Knowledge Collaborated with Edunet Foundation and EY Global Delivery Services from 20th -24th January 2025.
- Ms.S.Rama Devi,Associate Professor attended PALS Faculty Development Program on Demystifying AI and Data Science by Meritus from 23rd - 24th January 2025.
- Dr.P.Kayal,Ms.R.Sravani,Ms.K.Bharathi,Ms.AneetaSara,Ms.T.Durga,Ms.T.Sukanya attended Research Kick Start Program conducted under R&D cell on 31st Jan - 1st Feb 2025.
- Dr.P.Krishna Kishore attended AICTE FDP on “Enhancing Rankings ,Research, Innovation& Infrastructure facilities in Higher Education Institution” organized by G.Narayanamma Institute of Technology & Science from 10th Feb - 15th Feb 2025.
- Ms.P.Nikitha attended FDP on “Advances in Deep learning for image Processing and Computer Vision” organized by KL ,Hyderabad from 5th Feb to 9th Feb 2025.
- All Faculty of IT Dept. attended Webinar on “Machine Learning Augmented Device Modeling” organized under R&D Cell on 20th Feb 2025.
- Dr.Aruna Rao S.L ,Associate Professor ,Mr.K. Srikar goud attended FDP on “Wireless Security “ organized by IIT Hyderabad from 18th Feb - 22nd Feb 2025.
- Dr.N.Anand,Dr.A.Lakshmi,Ms.S.Ramadevi,Ms.T.Sukanya,Ms.Aneetta Sara 5 Days FDP on “Mastering Cloud Computing Essentials with AWS” organized by Department of CSE in association with National Institute of Technical Teachers Training & Research Ministry of Education ,Gov of India from 3rd March to 7th March 2025.
- Ms. K Kavita ,Assistant Professor attended 1 week FDP on “ Data Privacy for Fintech Application” organized by CSE Dept. G. Narayanamma Institute from 3rd March to 7th March 2025.
- Ms. K Kavita ,Assistant Professor attended 1 week FDP on “AI and Cloud based Tools for Research” organized by NITTR Chandigarh from 24th March to 28th March 2025.
- Dr.Aruna Rao S.L, Associate Professor ,Dr.B.Srinivasulu,Ms.T.Durga attended FDP on “Leveraging Generative AI for Teaching and Learning Strategies” organized by Blackbucks & NEC from 10th March - 15th March 2025.
- Ms.S.RamaDevi, , Associate Professor attended 3 Days FDP on Teaching Learning organized by TLC ,IIT Madras from 9th April - 11th April 2025.
- Dr.P.Kayal Associate Professor and Ms.K.Vineela attended Hybrid E &ICT FDP on “Deep Learning in Medical Image Analysis” Organized by E & ICT Academy ,NIT Warangal 21st April - 26th April 2025.

STUDENTS ACHIEVEMENTS



- Ms.K.Sahithi(22WH1A1249),Ms.Namratha Sriram(22WH1A12C0),Ms.Anamitra Joshi(22WH1A1275) Selected for innoWAH Hackathon 2024-2025 held on 7th March 2025.

- Ms.K.Vishista(23WH1A1297),Ms.P.Anvitha(23Wh1A12B2),Ms.Y.Laya(23WH1A12B3),Ms.P.Nigama (23WH1A12C6) Secured First Prize in ACM Hackthon “Devastra 2K25” held on 13th March 2025.
- Ms.Meenakshi(23WH1A1232),Ms.Vivardhana(23WH1A1211) Ms.P.Lakshmi Sahith(23WH1A1239) Completed the Session on “SCIENT SPARK LAUNCHPAD” by BVR SCIENT and Department of Entrepreneurship and Management (IITH) 4th Jan to 22nd March 2025.
- Ms.G.Swetha (22WH1A1234) Qualified GATE 2025 held on 19th March2025.



- Ms. A Swapna(23WH1a1219) ,Ms. B Yashwitha(23WH1a1233) their idea got selected in TASK i4TS ideathon & received Certificate of Appreciation in TASK i4TS ideathon 2024 for their idea Horizon



- Ms.B.Harini(21WH1A1255) Received Young Promising Engineer award 17th April 2025.
- Ms.Namratha Sriram(22WH1A12C0),Ms.K. Sai Sahithi(22WH1A1249),Ms.Anamitra Joshi(22WH1A1275) Secured First Position in the E.Jigyasa Project Expo in Colloboration with IEEE Hyderabad Organized by IEEE Student Branch ,9th May 2025.



SEM WISE ACADEMIC TOPPERS

Hall Ticket No.	Percentage (SGPA)	Rank
II -I		
23WH1A1289	9.75	1st
23WH1A1234	9.65	2nd
23WH1A1286	9.6	3rd

Hall Ticket No.	Percentage (SGPA)	Rank	Hall Ticket No.	Percentage (SGPA)	Rank
IV -I			III -I		
21WH1A1275	9.05	1st	22WH1A12B7	9.2	1st
21WH1A1258	8.9	2nd	22WH1A12C0	9.2	1st
21WH1A1262	8.86	3rd	22WH1A1293	9.05	2nd
21WH1A1265	8.81	1st	22WH1A12A9	9.05	2nd
21WH1A12A8	8.81	2nd	22WH1A12B1	9.05	2nd
22WH5A1212	8.81	3rd	22WH1A1290	9	3rd
			22WH1A12A3	9	3rd

STUDENTS INTERNSHIPS

Internship Company	No of students
S&P Global	1
ISRO NRSC	1
Deloitte	1
IIITH summer internship -Indicwiki	1
IIITH	3
IIITH(SRISHTI-23)	1
Bluestock Fintech	1
University of Auckland(Signal Coop.)	1
Target Internship	1
Ful.io internship	1
Opentext	3
New Tab technologies	1
ARRISE	1
synopsys	1
Hindustan Aeronautics Limited	1
Athenahealth	1
PwC	3
Cognizant	5
DBS	2
Oracle	1
Amazon	1

Real-World Ready: Internships & Mentorships

34 Internships: Building Practical Skills

25 Mentorships: Investing in future leadership

S&P Global, ISRO NRSC, IIITH, Bluestock Fintech, University of Auckland, Target, fil.io, Opentext, New Tab technologies, ARRISE, Synopsys, Athenahealth, PwC, Amadeus, Cognizant, DBS, Oracle, Amazon, etc.

DBS, Flipkart, PwC, Smart Interviews, Target UpCurve, WE program (Talentsprint, Google).

Logos: Deloitte, opentext, target, SYNOPSYS, athena health, Cognizant, pwc, amazon, Flipkart, G, S&P Global

STUDENTS MENTORSHIPS

Mentorship Company	No of students
DBS	3
Flipkart	4
PwC	13
Smart Interviews	1
Target UpCurve	1
WE program (Talentsprint, Google)	2
IIITH - WIKI FOUNDATION	1

Logos: Flipkart, G, NSE talent sprint, pwc, target, SMART INTERVIEWS

Overall Placement Highlights

Highest Package : 31.64 LPA
Average Package : 6.3 LPA

Offer Package	No. of Students
20 - 40 LPA	4
10 - 20 LPA	4
5 - 10 LPA	13
< 5 LPA	63
Unique offers	79
Total offers	124

Logos: VISA, IBM, amazon, Infosys, Mahindra, Capgemini, ORACLE, Cognizant, TARGET, genpact, SYNOPSYS, athena health, d, KPIT, OPTUM, pwc

EDITORIAL BOARD

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