

THRIVE

-TO RISE HIGH

January 2023

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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.



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, Paloalto etc.



Dr. Aruuna Rao SL
Associate Professor & HOD -IT
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COLLEGE ACHIEVEMENTS

- Received the certificate of recognition for establishing the Global Education Cell at BVRITH in association with GECF.
- BVRIT HYDERABAD is ranked 73 rd by Dataquest among Top T-Schools in India 2023.
- Ms. Ch. Sowmya of 18WH1A0419 received “2” University Gold Medals – Best Outgoing Student of B.Tech Electronics & Communication Engineering out of all affiliated Colleges and Pisupaati Supriya Desai Gold Medal for B.Tech Electronics & Communication Engineering in JNTUH affiliated Colleges.
- BVRIT HYDERABAD College of Engineering for Women received Most Participate Institution Award in VEDIC conclave.
- BVRIT HYDERABAD College of Engineering for Women ranked AAAA in Career 360.
- BVRIT HYDERABAD Toast Masters’ club won the two awards – The Golden Feather Award and The Golden Eagle ward in Euphoria-23, Division Conference', District126, Toastmasters International.
- BVRIT HYDERABAD conferred Autonomous Status by UGC for a period of 10 years on 31 st May 2023. Success Meet was conducted.
- BVRIT HYDERABAD positioned in the band 151-300 by NIRF in Innovation Category for 2023.
- Received Green Institution Award in Nizampet Division.
- BVRIT HYDERABAD Ranked 165 in Week Hansa Survey Best Colleges of India 2023.
- BVRIT HYDERABAD Ranked 132 in India Today College Rankings 2023.

FACULTY NEWHIRE

Mr. Mukthar Ahmad Sofi, Assistant Professor, Ms. B. Sunayana, Assistant Professor, Ms. N. Anand, Assistant Professor joined as faculty in dept of IT.



Mr. Mukthar Ahmad Sofi



Ms. B. Sunayana



Mr. N. Aanand

FACULTY AWARDED PHD

Dr. J. Kavitha was awarded with Doctorate Degree from KLEF, Guntur in the month of March 2023



Dr. J. Kavitha

FACULTY ACHIEVEMENTS

- Dr. Aruna Rao S.L, Professor and Head, Department of IT attended “Women in Leadership Conclave” as a part of International Women’s Day Celebrations at G Narayanamma Institute of Technology and Science on 8th and 9th March 2023
- Dr. P. Kayal, Associate Professor, Dept. of IT, attended as Resource Person for International Seminar on “Digital Progression” organized by Dept of IT and BCA, Fatima College (Autonomous), Madurai on 16th March 2023

GUEST LECTURE ORGANIZED

Department of IT and CSE organized a expert talk for II and III B. Tech students on “Beyond Programming: Towards New Accelerators in Science & Engineering” by Dr. Krishna Kishore Dhara, heads AI/ML at OakNorth, a UK/US based fintech unicorn on 17th March, 2023



FACULTY PUBLICATIONS

- Ms. J. Kavitha, Assistant Professor published paper titled “An Experimental Study in Applying Supervised Machine Learning Techniques for Identification and Detection of Cardiac Attacks” in 2022 International Conference on Edge Computing and Applications (ICECAA) and Published in SCOPUS
- Ms. J. Kavitha, Assistant Professor, presented the paper titled “An Advance Computerized Artificial Intelligence System for Assisting Real Life Feature Extraction using AI-NOVA” at the 5th International Conference on Smart Systems and Inventive Technology (ICSSIT 2023) organized by Francis Xavier Engineering College, Tirunelveli, India
- Ms. J. Kavitha, Assistant Professor, presented a Paper titled “A Secured Method for Authentication of Data Security using Public Key Cryptography” in 3rd International Conference on Artificial Intelligence and Smart Energy (ICAIS 2023) organized by JCT College of Engineering and Technology, Coimbatore
- Dr. P. Kayal, Associate Professor, submitted the article Customized Named Entity Recognition Using Bert For The Social Learning Management System Platform “Course networking” in the Journal of Computer Science
- Dr. P.Kayal, Associate Professor, Published Book Editor - smart Energy and Electric Power System, Elsevier Publications
- Dr. Aruna Rao S.L, Professor and HoD and Mr. B. Srinivasulu, Assistant Professor, presented Paper titled “Performance Analysis of Various Machine Learning based Algorithms on Cybersecurity Approaches” in International Conference on Expert Clouds and Applications (ICOECA 2023) organized by RV College of Engineering, Bengaluru

STUDENT PUBLICATIONS

- II B. Tech IT students Ms. B.V.S. Anjani Suknya (21WH1A1204), Ms. Tammina Sathwika (21WH1A1203), Ms. Mallu Harshitha Reddy (21WH1A1216) and Ms. Devasani Geethika. (21WH1A1251) published article titled “Sorptions Removal of Methylene Blue Dye from Aqueous Solution by Powdered Yellow Flame Tree Flower (Peltophorum Pterocarpum)” in Letters in Applied NanoBioScience

WORKSHOPS / FDP'S

FACULTY WORKSHOPS/FDP'S ORGANISED

- Two Day Workshop on “IoT Innovations” in association with and NET Web Technologies under CSI
- Workshop “CODE COMBAT” & “ChatGPTthon” under “MEDHANVESH-2023” 9th National Level Student’s Tech Fest



FACULTY WORKSHOPS/FDP'S ATTENDED

- Faculty and students attended R & D Show Case 2023 organized by IIIT, Hyderabad on 21st January, 2023
- Faculty attended five days workshop on "Blockchain and its Applications" Conducted by Anurag University, Hyderabad from 2nd to 6th January 2023
- Ms. K. Vineela and Ms. N. Harika, attended IDEATE Workshop at VEDIC from 5th to 7th January 2023
- Dr. Aruna Rao S.L, Professor and HoD attended two day workshop "Design Thinking" Train the Trainer workshop organized by IIIT, Hyderabad on 27th & 28th January, 2023
- Faculty attended One Week FDP on "Data Science for Engineers" from 23rd - 28th January 2023 organized by VNR Vignana Jyothi Institute of Engineering and Technology
- Faculty of Dept. of IT attended Three Days Workshop on "Big Data Computing" organized by Department of CSE VNR Vignana Jyothi Institute of Engineering and Technology from 2nd to 4th February 2023
- Ms. K. Kavitha, attended One Week FDP on "Platforms and Systems Security in Cyber Space" organized by VNR Vignana Jyothi Institute of Engineering & Technology from 30th January to 4th February 2023
- Ms. K. Vineela and Mr. Mukthar Ahmad Sofi, Assistant Professor attended Workshop on Data Analytics & AI at VEDIC on 18th February 2023
- Faculty of Dept. of IT attended five days National Level FDP on "Ethical Hacking" organized by Blackbuck Engineers and Dept. of IT and CSE, KKR and KSR Institute of Technology and Sciences), Guntur
- Faculty attended IoT Teaser and IoT Workshop under College research affiliate program - Batch 2 conducted by IIIT Hyderabad partnered with Conduira platform on 18th and 19th March 2023
- Faculty attended one week FDP on "Recent Trends in Cognitive Science & its Applications" organized by Dept of CSE, VNRVJIET in collaboration with Vikram University, Oriental University & SOC, IPS Academy, Indore from 13th to 18th March, 2023
- Faculty attended "Indo-US Workshop on Artificial Intelligence and Data Science - 2023" organized by Mahindra University, Ecole Centrale School of Engineering, Hyderabad on 17th March 2023.
- Faculty attended FDP on "DevOps and Cloud Technology" organized by the Dept. of CSE, AI&ML, DS at SREYAS Institute of Engineering and Technology, Hyderabad from 13th to 17th March, 2023
- Faculty attended FDP on "LATEX- Migrate to LaTeX from Word" organized by Dept of CSE & CSBS VNRVJIET in collaboration with CSI VNRVJIET SBC from 4th to 9th April 2023
- Faculty attended Online Workshop and received certificate of "Natural Language Processing" organized by VNR Vignana Jyothi Institute of Engineering And Technology from 13th to 17th February, 2023
- Ms. Ch. Sai Lalitha Bala, Dept. of IT attended Faculty Development Program titled "Concept to Product" on 23rd Feb 2023 at IIT Hyderabad Supported by CII Telangana
- Faculty attended MATLAB & Simulink workshop organized by Institution's Innovation Council at BVRIT Hyderabad College of Engineering for Women on 3rd February, 2023

FACULTY CERTIFICATIONS

- Mr. B. Srinivasulu, Assistant Professor, completed the course and received certificate "Fundamentals of Information Security" organized by Infosys Spring Board
- Ms. J. Kavitha, Assistant Professor, received NPTEL online certificate of completing the course "Introduction to Internet of Things"
- Ms. J. Kavitha, Assistant Professor, received Coursera online certificate of completing the course "Prepare Data For Exploration"

STUDENT DETAILS



COLLEGE LEVEL ACADEMIC TOPPER



APPANA SAMANVITHA
21WH1A1207



VENNELA DESIREDDY
21WH1A12A8

SEM WISE ACADEMIC TOPPERS

Hall Ticket No.	Percentage	Rank
	(SGPA)	
II-I		
21WH1A1207	8.76	1st
21WH1A1201	8.67	2nd
21WH1A1210	8.62	3rd
21WH1A12A8	8.71	1st
21WH1A12C0	8.6	2nd
21WH1A12A6	8.52	3rd

Hall Ticket No.	Percentage	Rank
	(SGPA)	
III-I		
20WH1A1223	8.23	1st
20WH1A1240	8.09	2nd
20WH1A1256	7.77	3rd
20WH1A1283	7.86	1st
20WH1A1274	7.73	2nd
20WH1A1297	7.68	3rd
22WH8A1201	7.68	3rd

Hall Ticket No.	Percentage	Rank
	(SGPA)	
IV-I		
19WH1A1204	8.45	1st
19WH1A1221	84.5	1st
19WH1A1213	8.41	2nd
19WH1A1209	8.32	3rd
19WH1A1228	8.32	3rd
19WH1A1284	8.27	1st
19WH1A1292	8.27	1st
19WH1A12A4	8.27	1st
19WH1A12A6	8.26	2nd
19WH1A1270	8.18	3rd
19WH1A1281	8.18	3rd

TECHNICAL EVENTS

- Our students won third prize Rs.3,000/- in & “ChatGPThon” under “MEDHANVESH-2023” 9th National Level Student’s Tech Fest on 24th & 25th February
- IV B. Tech IT Students won first prize Rs. 5,000/- for their project titled “Human-NeuroRobo Interaction using NLP” on 6th May 2023.



STUDENTS ACHIEVEMENTS



Ms. S.K. Manasvi (20WH5A1203) and Ms. M. Sahithi (19WH1A1209) displayed the project “Smart Cart with Automatic Billing and Anti-Theft” and won the Cash Prize Rs. 10,000/- in Lab to Market Conclave event conducted by PALS on 18th February 2023 at IIT Madras Research Park.

Won third prize for their project titled “Smart Street Lights” IOT Workshop at GITAM.



CULTURAL EVENTS

Dasara celebrates the spirit of womanhood and the vibrant culture of Telangana – Bathukamma.on 20 Oct 2023”



Farewell Party on June 10th 2023



STUDENT RELATED WORKSHOPS/GUEST LECTURES

- IV and II B. Tech IT Students attended "Graduate Education Information Session" By Ms. Lisa Gallagher, Assistant Dean for Research and Graduate Studies in Watson College at SUNY Binghamton on 9th February, 2023.
- II B. Tech (2021 Batch) IT Students attended Machine Learning Series of Lectures" by Mr. Sai Srinivas Kancheti & Mr. Abbavaram Gowtham Reddy from IIT, Hyderabad.
- Ms. G. Sai Harshita (22WH8A1201), Ms. B. Babita (20WH1A1273), Ms. D. Avani Sri (20WH1A1231), Ms. K. Mounika (20WH1A1222) and Ms. K. Nimisha (20WH1A1219) attended Workshop Data Analytics & AI at VEDIC on 18th February 2023.
- II B. Tech IT students along with Mr. P. Krishna Kishore, Assistant Professor, Dept. of IT attended "Engage Explore & Elevate" at VEDIC on 07th and 08th March, 2023.

STUDENT CERTIFICATIONS

Students got certified in various industry oriented courses like

- EESG Virtual Experience Program
- Python Programming Course
- PCRA-Conservation Quiz9.0
- Python Basics for Data science
- Overcome Overthinking
- Hands-On Introduction: Python
- Learning C++
- Design Thinking: Data Intelligence
- Developing Chat bots with Azure
- Java Object-Oriented Programming
- Artificial Intelligence: How Project Manager Can Leverage AI
- Introduction To Deep Learning
- UI & UX Design Course
- Foundations of Cyber security
- Machine Learning Foundations: Linear Algebra
- Data Analytics With Python Course
- Tech on the Go: Ethics in Cyber security
- Introduction to Web Design and Development
- Python GUI Development with Tkinter

INTERNSHIPS

Internship Company	Number of Students
MOVIDU Tech	2
Opentext	3
PWC	2
IBM	1
Darwinbox	1
Paloalto Networks	1
Amazon	2
DE Shaw and Co	1
Micron	1
One Coverage	3
Verizon	4
Engineering Technique	2

EDITORIAL BOARD

Ms. K.Kavita- Asst. Prof - IT

Ms.Ch.Sai Lalitha Bala - Asst. Prof - IT

Ms.B.Sunayana- Asst. Prof - IT

INFORMATION TECHNOLOGY

BVRIT HYDERABAD

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