

# THRIVE

**-TO RISE HIGH**

July 2022

Volume: 9 Issue: 2

## 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.

## PPROGRAM 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. I congratulate Ms. A. Satya Anusha for receiving Young Promising Engineer Award and Ms. N. Pravallika of IV Year for her placement with 44 LPA package in Amazon.



**Dr. Aruuna Rao SL**  
**Associate Professor & HOD - IT**  
[it.hod@bvrithyderabad.edu.in](mailto:it.hod@bvrithyderabad.edu.in)

## FACULTY NEWHIRE

Ms A Aruna Jyothi, Ms. R. Sravani, Mr. B. Srinivasulu, Ms. N. Sandhya , Ms. N. Harika , Ms. K. Vineela, Ms. P. Nikitha joined as faculty in dept of IT.



**Ms A Aruna Jyothi**



**Ms. R. Sravani**



**Mr. B. Srinivasulu**



**Ms. N. Sandhya**



**Ms. N. Harika**



**Ms. K. Vineela**



**Ms. P. Nikitha**

## FACULTY PUBLICATIONS

- Mr. R. Arun Kumar, Assistant Professor, Mr. K. Srikar Goud, Assistant Professor, Published Paper with entitled "A Diagnostic Survey on Sybil attack on cloud and assert possibilities in risk mitigation" in 2022 1st International Conference on Artificial Intelligence Trends and Pattern Recognition (ICAITPR)
- Ms. J. Kavitha, Assistant Professor, successfully presented the Springer ICSES Paper Titled "A Detailed Study on a Software - Based Fog Network -Based Delay -Tolerant Data Transmission Model" organized by Tribhuvan University, Nepal
- Dr. P. Kayal, Associate Professor, Published paper in (IJORIS)13(2) Titled "Artificial Intelligence Biosensing System on Hand Gesture Recognition for the Hearing Impaired"
- Dr. P.S. Latha Kalyampudi, Associate Professor, Ms. S. Rama Devi, Associate Professor, Published book chapter titled " Cyber Attacks ,Security Data Detection & Critical Loads in the Power Systems " in Smart Energy and Electric Power Systems, Elsevier publishers
- Dr. P.Kayal, Associate Professor, Published book chapter titled " Smart Power System An eye view" in smart Energy and Electric Power System
- Dr. P.Kayal, Associate Professor, Published Book Editor - smart Energy and Electric Power System, Elsevier Publications
- Dr. P. Kayal, Associate Professor, published a Paper titled " A Survey on Text Description to Image Generation Using GAN" in the in the Internal Conference on Soft Computing for Security application
- Dr. Aruna Rao SL, Professor & HoD, Dr. P.Kayal, Associate Professor, published an article "Applied-behavioral analysis therapy for autism spectrum disorder students through virtual reality " in the journal "International Journal of Computational Vision and Robotics"
- Dr. P. Kayal, Associate Professor, published the paper " Artificial Intelligence-Based Breast Cancer detection using WPSO" in the International Journal of Operations Research and Information Systems
- Dr. P.S. Latha Kalyampudi, Associate Professor, Mr. B. Srinivasulu, Assistant Professor, presented a paper titled " Implementing of Digitalization in Square Block Chain Technology using HDS Methodologies" in ICICC-22 organized by G. Narayanamma Institute of Technology & Science (for Women)
- Dr. P. Kayal, Associate Professor, presented a paper Titled "Handwritten Mathematical Symbol Recognition using Neural Network Architecture" at the 6th International Conference on Electronics, Communications and Aerospace Technology (ICECA 2022) organized by RVS Technical Campus, Coimbatore, Tamilnadu
- Ms. J. Kavitha, Assistant Professor, submitted article titled "An Experimental Study on Applying Supervised Machine Learning Techniques for Identification and Detection of Cardiac Attacks" in 2022 International Conference on Edge Computing and Applications (ICECAA) at Tamilnadu
- Ms. R. Sravani, Assistant Professor, , Ms. N. Sandhya, Assistant Professor, Ms. K. Kavitha, Assistant Professor, and Ms. Snigdha Soni, Assistant Professor, presented a paper titled "Leaf Disease Prediction and Detection using CNN" in 2nd International Conference on Cognitive & Intelligent Computing (ICCIC 2022) Spinger organized by Vasavi College of Engineering

## STUDENT PUBLICATIONS

- Ms. N.Harshita (18WH1A1217), Ms. Ch Aishwarya (18WH1A1225), Ms. AlekhyaYadav(18WH1A1249) published paper titled" HandWrittenMathematical Symbol Recognition using Neural Network Architectures" in International Conference on Electronics Communication and AerospaceTechnology Dec 2022

## PATENTS

- Dr. P. Kayal , Associate Professor, published a Indian process patent "Artificial Intelligence Based Autism Spectrum Disorder (ASD) Management System and Method Thereof- 202241059063" on 28th October 2022.

### FACULTY WORKSHOPS/FDP'S ORGANISED

Workshop on "Getting Started with Deep Learning Technologies" in Association with Digital Track Solutions", Hyderabad on 18th and 23rd July, 2022

### FACULTY WORKSHOPS/FDP'S ATTENDED

- Faculty attended a training session on "How IP Things will move from now onwards" by Bhavana Singh and Ajay Rajawat, Verispire on 11th July, 2022
- Ms. A. Aruna Jyothi, Assistant Professor, attended One week FDP on III ( Industry Institute Interface) from Institute of Aeronautical Engineering from 26th – 30th July, 2022
- Faculty attended and Received certificates one week FDP on "Foundations of Data Science" from 2nd August, 2022 to 7th August, 2022
- Dr. P.S. Latha Kalyampudi, Associate Professor, attended one week FDP on "Ethical Hacking" organized by VNR VJIET from 8th August, 2022 to 13th August, 2022
- Faculty attended National level one week online FDP on "Amazon Web Services" from 22nd August to 27th August, 2022 an association with Brain O Vision Private Ltd. & AICTE.
- Dr. P.S. Latha Kalyampudi, Associate Professor, completed certification on "Data Science Foundation" from Great Learning on 17th October, 2022
- Ms. S. Rama Devi, Associate Professor, attended faculty enablement Program on Python a campus connect Initiative from 17th - 21st October, 2022
- Ms. S. Rama Devi, Associate Professor, attended 15 days ATAL FDP on "Impact of AI in the field of Agriculture" from 17th to 29th October, 2022
- Mr. B. Srinivasulu, Assistant Professor, attended a two day FDP on "Spectral Graph Theory" conducted by PALS from 24th to 25th November, 2022
- Ms. N. Sandhya, Assistant Professor, and Mr. B. Srinivasulu, Assistant Professor, has participated and received certificate in One Week National Level Online Faculty Development Program on "Societal Applications of Machine Learning" from 26th to 30th December 2022 organized by the Department of CSE at Shri Vishnu Engineering College for Women (A), Bhimavaram has cleared the end exam successfully.

### FACULTY CERTIFICATIONS

- Ms. Ch. Sai Lalitha Bala, Assistant Professor, Mr. K. Srikar Goud, Assistant Professor, Received Appreciation Certificate for Leading Android Educator Program as Educator Organized by L4G
- Ms. S. Rama Devi, Associate Professor, completed online course and get certificate on Deep Learning
- Ms. S. Rama Devi, Associate Professor, completed the course and received certificate of " Programming Fundamentals using Python – Part-1"
- Mr. B. Srinivasulu, Assistant Professor, completed the course and received certificate "Basics of Python" organized by Infosys Spring Board
- Ms. S. Rama Devi, Associate Professor, completed the course and received certificate "Programming Fundamentals using Python – Part-2" organized by Infosys Spring Board
- Mr. B. Srinivasulu, Assistant Professor, completed the course and received certificate "HTML & CSS" organized by NASSCOM FOUNDATION
- Ms. J. Kavitha, Assistant Professor, received NPTEL online certificate of completing the course "Big Data Computing"

# STUDENT DETAILS

## STUDENT CERTIFICATIONS

Students got certified in various industry oriented courses like

- Machine Learning with Python: Foundations
- Python By Thenewboston
- Learning Python
- Python Essential Training
- Learning C
- Learning Python
- Excel 2021 Essential Training (Office 2021/LTSC)
- Full Stack Web Development with Node JS
- Google Android Development with Kotlin
- Python Quick Start
- Python Basics For Data science
- Data Base Management System
- Programming in Java
- Cloud Computing
- Programming With Python3.X
- 19 hrs of Core Python Certification Program

## STUDENT AWARDS

### YOUNG PROMISING ENGINEER AWARD



ANNAMAREDDY SATYA ANUSHA  
18WH1A1201

### ACADEMIC TOPPER



CHINTA SRI NIKHITHA  
18WH1A1243

### PLACEMENT WITH HIGHEST PACKAGE



N. PRAVALLIKA  
18WH1A1216

## SEM WISE ACADEMIC TOPPERS

Hall Ticket No.	Percentage	Rank
	(SGPA)	
<b>II Year</b>		
20WH1A1253	8.81	1 <sup>st</sup>
20WH1A12A6	9.24	1 <sup>st</sup>
20WH1A1255	8.62	2 <sup>nd</sup>
20WH1A12B5	9.1	2 <sup>nd</sup>
20WH1A1223	8.52	3 <sup>rd</sup>
20WH1A1204	8.52	3 <sup>rd</sup>
20WH1A1263	9.05	3 <sup>rd</sup>

Hall Ticket No.	Percentage	Rank
	(SGPA)	
<b>III Year</b>		
19WH1A1204	8.23	1 <sup>st</sup>
19WH1A1247	8.23	1 <sup>st</sup>
19WH1A1273	8.77	1 <sup>st</sup>
19WH1A1255	7.95	2 <sup>nd</sup>
19WH1A1279	8.5	2 <sup>nd</sup>
19WH1A1267	8.5	2 <sup>nd</sup>
19WH1A1294	8.41	3 <sup>rd</sup>
19WH1A1234	7.75	3 <sup>rd</sup>

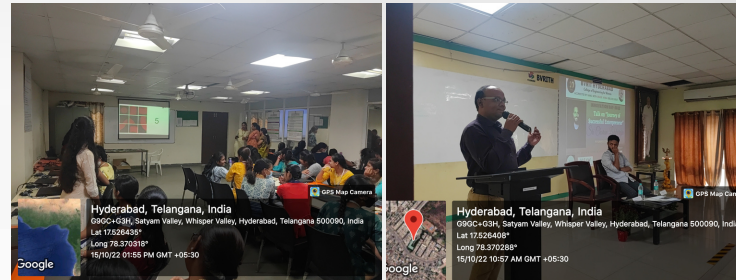
Hall Ticket No.	Percentage	Rank
	(SGPA)	
<b>IV Year</b>		
18WH1A1258	9.06	1 <sup>st</sup>
18WH1A1201	8.69	2 <sup>nd</sup>
18WH1A1248	8.69	2 <sup>nd</sup>
18WH1A1260	8.31	3 <sup>rd</sup>

# STUDENT RELATED WORKSHOPS/GUEST LECTURES

- Conducted Guest Lecture on “Recent Trends in Data Mining” under CSI from 18th October 2022
- Conducted Technical Workshop on “Building Games using Python” under ISTE from 19th December 2022 to 19th January 2023.

## TECHNICAL EVENTS

- “Quick 3 Tech” and “Affiche” on Engineers Day on September 15th 2022
- “Imagine” and “Sell Your Idea” on Innovation Day on October 15th 2022



## CULTURAL EVENTS

- Farewell Party on July 2nd 2022
- Dussehra celebrations on October 1st 2022



- “Decennial” is celebrated on October 20th 2022 in BVRITH on reaching a milestone for completion of 10 years since establishment

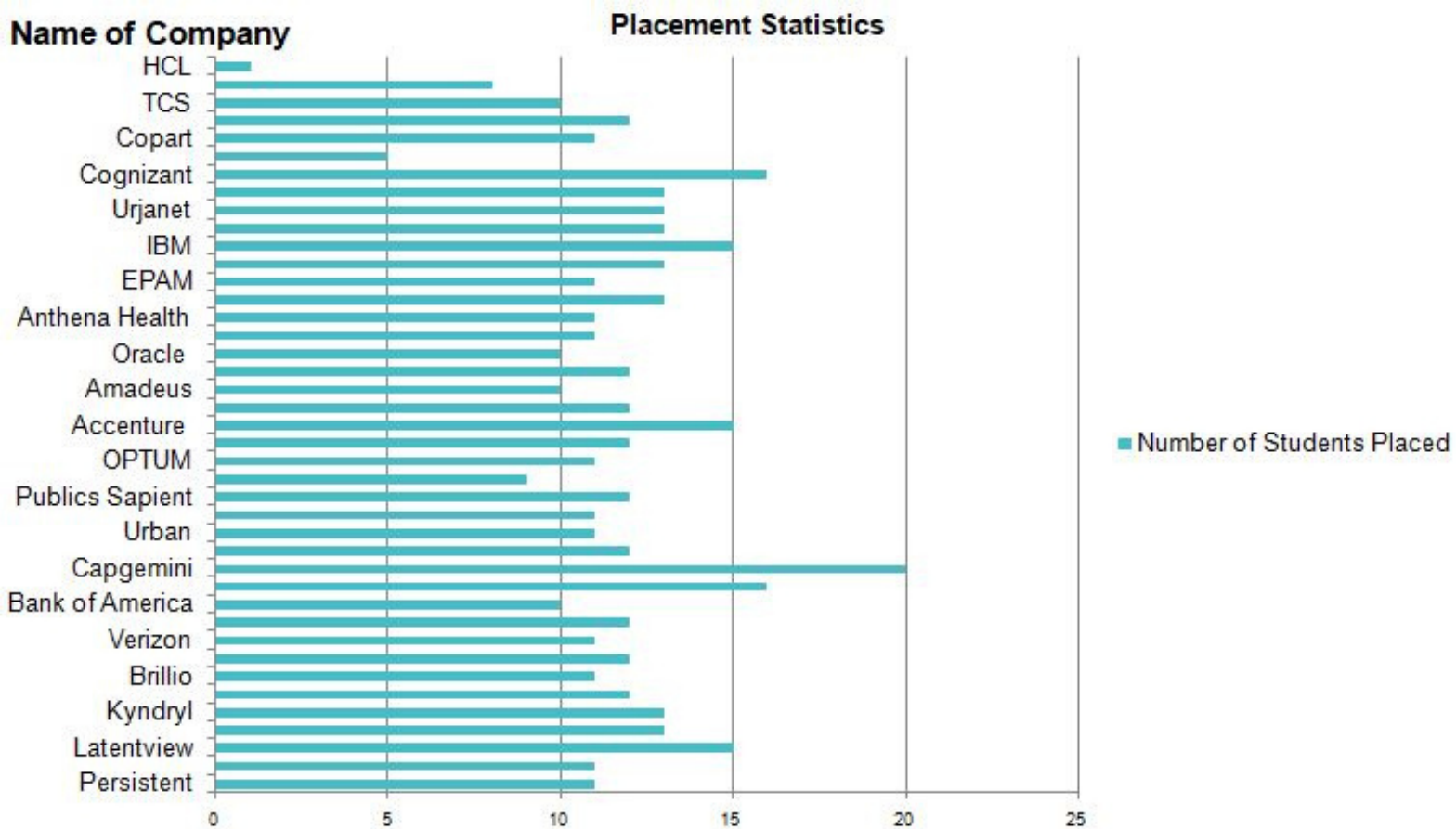


- Graduation day on October 23rd 2022





## PLACEMENTS



## INTERNSHIPS

### Internship Company

### Number of Students

State Street

1

Maersk Global Service Centres (India) Pvt.Limited

1

Being Zero Pvt. Ltd.

4

Hash Inert

2

Experian

1



## **EDITORIAL BOARD**

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

**Ms.K.Kavita– Asst. Prof – IT**

**Ms.B.Sunayana– Asst. Prof – IT**

## **INFORMATION TECHNOLOGY**

**BVRIT HYDERABAD**

**COLLEGE OF ENGINEERING FOR WOMEN**

**PLOT NO. 8-5/4, RAJIV GANDHI NAGAR COLONY, NIZAMPET RD,**

**BACHUPALLY, HYDERABAD-500090**

**PHONE+91 40 4241 7773**