

Department of Information Technology

NEWS LETTER

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EDITORIALTEAM

Faculty

Dr. D V Naga Raju

Student

Gummidi Sirisha
Koppula Usharani

Shri Vishnu Engineering College for Women(A)

Bhimavaram

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About Department

- Established in the year 2001.
- Initial intake of 60.
- Increased to 120 from the academic year 2008–09
- Increased to 180 from the academic year 2020–21
- Certification courses
- Placements in Software Services and Product companies
- Activity based learning
- In-house development of projects
- State of the art labs

Vision And Mission

Vision

To establish unique identity by development of high quality IT engineers and technological resources for contributing to the economic and social development of the Nation at large and theregion in particular

Mission

- To provide for the holistic development of under graduate students in the Information Technology.
- To prepare students for careers in industry or to pursue advanced graduate studies to get involved in research activities.
- To provide a teaching environment that emphasizes continuous learning and inculcates professional ethics.
- To establish centers of excellence in various domains.

Faculty Achievements

1. **Mr. S. Sreenivasu** received a *Certificate of Excellence in Reviewing* for the **International Journal of Environment and Climate Change**, awarded by Peer Review Central on 31.01.2024.
2. **Mr. V. S. N. Murthy** was recognized for his participation in the **CISCO Academy Conference – India 2024**, organized by Cisco Networking Academy on 01.02.2024.
3. **Dr. G. Ratnakanth** received the *Alumni Teaching Excellence Award* from Rajalakshmi Engineering College, Chennai on 03.02.2024.
4. **Dr. V. Pavan Kumar** contributed as a reviewer for the *Journal of Data Science and Intelligent Systems (ISSN: 2972-3841)*, published by Bon View Publishing, and successfully reviewed the manuscript titled: "*Data Science and Machine Learning Processes for IoT-Based Pulsed Plasma Thruster Research*" on 06.02.2024.
5. **Mr. S. Sreenivasu** received:
 - Certificate of Excellence in Reviewing – *Asian Journal of Food Research and Nutrition* (05.03.2024).
 - Certificate of Excellence in Peer-Reviewing for a book published by *BP International* (21.03.2024).
6. **Dr. K. Chandra Sekhar** served as a Reviewer at the *2nd International Conference on Disruptive Technologies (ICDT-2024)*, organized by GL Bajaj Institute of Technology & Management, Greater Noida, Uttar Pradesh, from 15.03.2024 to 16.03.2024.
7. **Dr. S. Ravi Kumar** was awarded as a Peer Reviewer in recognition of his contribution to journal quality by Peerreviewcentral.com on 04.04.2024.
8. **Dr. V. Pavan Kumar** served as a Reviewer at the *5th EAI International Conference on Cognitive Computing and Cyber Physical Systems (IC4S-2024)*, organized by Vishnu Institute of Technology (Autonomous), Bhimavaram, from 05.04.2024 to 07.04.2024.
9. **Mr. K. Dileep Kumar** contributed as a Reviewer for the *5th EAI International Conference on Cognitive Computing and Cyber Physical Systems (IC4S-2024)*,

organized by Vishnu Institute of Technology, Bhimavaram, from 05.04.2024 to 07.04.2024.

Dr.Y.Phani Appointed as a Editorial Board Member in American Journal of Theoretical and Applied Statistics.



Dr.Y.Phani awarded Certificate of Excellence in Reviewing from Asian Research Journal of Mathematics.



Dr.V.Pavan Kumar has Contributed as the reviewer of the Journal of Data Science and Intelligent Systems in safeguarding the academic integrity of the journal .



Dr. Ravi Kumar Suggala of IT department has been named as one of the leading professors and academicians of 2024 by Business Talkz Magazine, a prestigious accolade for his outstanding contributions to academia.





Publications



Mr.S.Sreenivasu of IT department published a paper titled " FELZMACS: A Novel Data Compression Model in Wireless Sensor Networks for Fast Data Transfer " in the International Journal of Intelligent Systems and Applications in Engineering(IJISAE),ISSN: 2147-6799,Page No: 214-224,IJISAE,2024, 12(2) on 28.11.2023.

Mr.D Srinivasa Rao of IT department Published a paper titled " A Research Study of Heart Health Monitoring Using Deep Learning and IoT", IEEE Explore and indexed in Scopus "2023 1st DMIHER International Conference on Artificial Intelligence in Education and Industry 4.0 (IDICAIEI)" organized by Datta Meghe Institute of Higher Education and Research.



Mr.K.Dileep Kumar of IT department presented a paper titled "A Classifying Gender Crimes with Adaboost and Back Propagation Algorithms" in International Conference on "Algorithms In Advanced Artificial Intelligence (ICAAAI-2023) organized by SRKR Engineering College(A),Bhimavaram from 22.12.2023-24.12.2023.

Mr.K.Dileep Kumar, Mr.V.Leela Prasad, Mr.P.L.V.D.Ravi Kumar , Mr.D.Srinivasa Rao has Published an International journal titled " Empathy of Diabetics through Supervised Machine Learning Models",Grenze International Journal of Engineering and Technology,Vol: 10, Issue: 1,Pages: 120-127,ISSN:2395-5295(Online);



Mr.M.Srinivasa Rao has Published a journal titled "PERSONALIZED MOVIE RECOMMENDATIONS THROUGH HARNESSING MACHINE LEARNING", International Research Journal of Modernization in Engineering Technology and Science(IRJMETS), Volume: 06/Issue: 02/ February-2024,Impact Factor- 7.868,www.irjmets.com,DOI : <https://www.doi.org/10.56726/IRJMETS49769>

Dr.K.Chandrasekhar,Dr.D.V.Naga Raju,Dr.V.Pavan Kumar,D.Srinivasa Rao,P.Vinay and G.A.K.S.Rajeev Kumar have awarded a certificate in recognition of the publication of manuscript - EXPLORING THE POTENTIAL OF FEDERATED LEARNING TO EMPOWER CREDIT CARD FRAUDULENT TRANSACTION DETECTION WITH DEEP LEARNING TECHNIQUES Manuscript will be published in Proceedings on Engineering Sciences, doi: 10.24874/PES.SI.24.03.008,ISSN: 2620-2832 (print version); www.pesjournal.net, support@pesjournal.net.



Published books:



Dr.Chandra Sekhar Kolli & Dr. Venkata Naga Raju of IT department published a Text Book titled "Fraud Detection in Banking: AI Strategies for Financial Institutions", published by "LAMBERT ACADEMIC PUBLISHING", United Kingdom, with ISBN Number: 978-93-5757-603-1 during Dec 2023

Dr.K.Chandra Sekhar of IT department published a Book titled "ML-Based Brain Disorder Classification through Image Processing ",Sub-Title: Classification of Brain Disorder Diseases through Medical Image Processing using Machine Learning based Data Mining, First Edition : 2023 -24 Academic Year, publisher: Lambert Academic Publication in Jan, 2024.



Dr.S.Ravi Kumar & Mr.K.Dileep Kumar of IT department published a Text Book titled "Big Data Analytics Using Spark " in February,2024 by SHREE Publishing House, Visakhapatnam.

Mr.K.Dileep Kumar, Mr.M.Raghu Chandra & Mr.V.S.N.Murthy of IT department published a book titled " Computer Networks" by SHREE Publishing House, Visakhapatnam in February, 2024.



Faculty FDPs/ Work-shops:

- Mrs. Y. Yesu Jyothi participated in a three-day National Level Workshop on "AI-Augmented Scientific Writing and Publishing", organized by Vardhaman College of Engineering, from 14 February 2024 to 16 February 2024.
- Mr. K. Lakshmaji participated in the AICTE-recognized Faculty Development Programme (FDP) on "Data Science Using Python" conducted by National Institute of Technical Teachers Training and Research, Chandigarh from 19.02.2024 to 23.02.2024.
- Mr. K. Lakshmaji participated in a one-week National Level Faculty Development Programme (FDP) on "Impact of Emerging Technologies in AI/ML and Data Science", organized by Madanapalle Institute of Technology & Science in association with Computer Society of India, from 26 February 2024 to 02 March 2024.
- Dr. R. N. D. S. S. Kiran participated in a 10-hour National Faculty Development Programme on *Deep Learning and Artificial Intelligence*, organized by Andhra Pradesh State Skill Development Corporation in collaboration with ExcelR Edtech Pvt. Ltd., from 26 February 2024 to 01 March 2024.

- Mr. B. Yugandhar participated in a three-day National Level Workshop on "*AI-Augmented Scientific Writing and Publishing*", organized by Vardhaman College of Engineering, from 14 February 2024 to 16 February 2024.
- Mr. K. Rambabu participated in a three-day National Level Workshop on "*AI-Augmented Scientific Writing and Publishing*", organized by Vardhaman College of Engineering, from 14 February 2024 to 16 February 2024.
- **Mrs. Ch.Raja Rajeswari** participated in a one-week National Level Faculty Development Program (FDP) on "*Emerging Research Trends in Computer Science*", organized by **Chaitanya Bharathi Institute of Technology (A), Hyderabad**, in technical association with **ACM Hyderabad Deccan Chapter**, from 22.04.2024 to 26.04.2024.
- **Mrs. M.Suma Bharathi** participated in a 5-day online Faculty Development Program (FDP) on "*Sustainable AI Applications & LLM Technologies for Health Data Analytics*", organized by **GMR Institute of Technology, Rajam, Vizianagaram**, from 22.04.2024 to 26.04.2024.
- **Dr. Y. Phani** participated in an online Faculty Development Program (FDP) on "*Machine Learning Applications for Engineers*", organized by **Chaitanya Bharathi Institute of Technology, Hyderabad**, in technical association with **ACM Hyderabad Deccan Chapter**, from 03.06.2024 to 07.06.2024.
- **Mr. S. Sreenivasu** participated in an online Faculty Development Program (FDP) on "*Machine Learning Applications for Engineers*", organized by **Chaitanya Bharathi Institute of Technology, Hyderabad**, in technical association with **ACM Hyderabad Deccan Chapter**, from 03.06.2024 to 07.06.2024.
- **Dr. A. Veera Raghava Rao** participated in the Faculty Enablement Program (FEP) Phase-3 on "*Machine Learning & NLP using Python*" through the **Infosys Springboard Platform**, conducted online from 24.06.2024 to 28.06.2024.

- **Dr. S. Ravi Kumar** participated in the Faculty Enablement Program (FEP) Phase-3 on "*Machine Learning & NLP using Python*" through the **Infosys Springboard Platform**, conducted online from 24.06.2024 to 28.06.2024.
- **Dr. K. Ramu** participated in the Faculty Enablement Program (FEP) Phase-3 on "*Machine Learning & NLP using Python*" through the **Infosys Springboard Platform**, conducted online from 24.06.2024 to 28.06.2024.
- **Mr. S. Ravi Chandra** participated in the Faculty Enablement Program (FEP) Phase-3 on "*Machine Learning & NLP using Python*" through the **Infosys Springboard Platform**, conducted online from 24.06.2024 to 28.06.2024.
- **Mr. V. Leela Prasad** participated in the Faculty Enablement Program (FEP) Phase-3 on "*Machine Learning & NLP using Python*" through the **Infosys Springboard Platform**, conducted online from 24.06.2024 to 28.06.2024.
- **Mrs. Y. Yesu Jyothi** participated in an online Faculty Development Program (FDP) on "*Machine Learning Applications for Engineers*", organized by **Chaitanya Bharathi Institute of Technology, Hyderabad**, in technical association with **ACM Hyderabad Deccan Chapter**, from 03.06.2024 to 07.06.2024.
- **Mrs. CH. Raja Rajeswari** participated in an online Faculty Development Program (FDP) on "*Machine Learning Applications for Engineers*", organized by **Chaitanya Bharathi Institute of Technology, Hyderabad**, in technical association with **ACM Hyderabad Deccan Chapter**, from 03.06.2024 to 07.06.2024.
- **Dr. G. Ratnakanth** underwent Innovation Ambassador (IA) Training – *Foundation Level* (Total 16 sessions of 30 contact hours) during the IIC calendar year, organized by **MoE's Innovation Cell & AICTE**, conducted online on 07.06.2024.
- **Mr. S. Ravi Chandra** participated in the Faculty Enablement Program (FEP) Phase-3 on "*Machine Learning & NLP using Python*" through the **Infosys Springboard Platform**, conducted online from 24.06.2024 to 28.06.2024.

- **Mr. G. A. K. S. Rajeev Kumar** attended and completed *Module 1: Training on Unity Real-Time 3D Fundamentals* for a duration of 5 days, organized by **ARK Infosolutions Pvt. Ltd.**, Bhimavaram, from 18.06.2024 to 22.06.2024.
- **Mr. P. Vinay** attended and completed *Module 1: Training on Unity Real-Time 3D Fundamentals* for a duration of 5 days, organized by **ARK Infosolutions Pvt. Ltd.**, Bhimavaram, from 18.06.2024 to 22.06.2024.
- **Mr. Y. Sabitha** attended and completed *Module 1: Training on Unity Real-Time 3D Fundamentals* for a duration of 5 days, organized by **ARK Infosolutions Pvt. Ltd.**, Bhimavaram, from 18.06.2024 to 22.06.2024.

Students Achievements:

Bodavula Bindu Sri of IV IT has got AGBA National Talent Hunt Scholarship as AGBA-The Math Company-AI Data Science Scholar by 14th Aegis Graham Bell Awards in February,2024.



Dasari Vijaya Lakshmi of IV IT has got AGBA National Talent Hunt Scholarship as AGBA-PNB Metlife Insurance-AI Data Science Scholar by 14th Aegis Graham Bell Awards in February,2024.

Koppula Usha Rani of IV IT has got AGBA National Talent Hunt Scholarship as AGBA-Consat Orahi Pvt Ltd-AI Data Science Scholar by 14th Aegis Graham Bell Awards in February,2024.



➤ Appreciated for participating in the event " Digital Gala(Digital Poster PPT) " and won Third Prize Organized by ISTE Student Chapter of Shri Vishnu Engineering College for Women.20.02.2024

- VANAPALLI VASANTI LAKSHMI (23B01A12H9)



➤ Appreciated for participated in a National Level Technical Symposium for Women “TECHNOVA 2024” Organized by Shri Vishnu Engineering College for Women,during 11th& 12th March, 2024 and Won FIRST Prize Hackathon Event.

- D.Renuka-22b01a1231
- B.Harika-22B01a1216
- G.Bhuvana-22b01a1239



Sports:





Student Internships and Placements:

- We are delighted to share that Maram Renu Sai Lakshmi (20B01A12A0), Tejaswini S. S. S. Padma Sri Kollepara (20B01A1284), Surpani Sahitya (20B01A12G4), and Nadendla Ruthu Lilli (20B01A12B9) of III Year have been selected as *Software Interns* at NXP India Pvt. Ltd., Bangalore.
- Karra Navaneetha (20B01A1278) and Srikantam Bhavana (20B01A12G2) of III Year have been selected as *Service Engineer Interns* at Providence India, Hyderabad.
- Radiraju Renuka Devi (20B01A1246) has been appointed as a *Web Developer* at Nexasys IT Solutions Pvt. Ltd., Hyderabad.
- Maddipati Divya Sai Laxmi (20B01A12A2) has been selected as an *Intern Software Trainee* at Prodifly Software Solutions LLP, Visakhapatnam.

- Rudraraju Jaya Sri Sirisha (20B01A12E9) has secured a position as *Software Intern* at HealthEdge, Hyderabad.
- Varikuti Baby Siva Srivalli (20B01A12I1), Vakicharla Likitheswari (20B01A12H6), and Budda Ramya Subrahmanya Mani Sri (20B01A1221) have been selected as *Interns* at State Street, Mumbai.
- Onteddu Poojitha Reddy (20B01A12C7) and Mutha Geetha Vyshnavi (20B01A12B6) have been selected as *Intern - Engineering* at Wabtec, Bangalore.
- Bonala Haritha (20B01A1216) and Varanasi Keerthana (20B01A12H9) have been selected as *Service Engineer Interns* at Dhan.AI, Hyderabad.
- Chavva Mohana Sai Vishnu Sriya (20B01A1229) has secured an internship opportunity at Salesforce, Hyderabad.
- Godi Megana (21B01A1253) of II Year has been selected as a *Trainee* at Nyalazone Solutions Pvt. Ltd., Noida.