

Department of Information Technology

# NEWS LETTER

Volume: 17 :: Issue: 02



Editorial Team  
**EDITORIAL TEAM**

**Faculty**  
Dr D V NAGA RAJU

**Student**  
Batla Sindhu  
Koduru kavya

**Shri Vishnu Engineering College for Women(A)**  
**Bhimavaram**

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**About Department**

**Vision And Mission**

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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
- Inhouse 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 the region in particular

## Mission

- ♦ To provide for the holistic development of undergraduate 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.

# A Semester of Innovation and Excellence

CELEBRATING THE DEPARTMENT OF INFORMATION TECHNOLOGY'S ACCOMPLISHMENTS FROM JUNE TO DECEMBER 2024

## FACULTY ACHIEVEMENTS

### DECEMBER 2024

#### Publications

- **Optimized Triple Memristor Hopfield Neural Network fostered Automated Outbreak Prediction of Epidemic Diseases using Internet of Things**

Authors: Dr. V. Pavan Kumar, Dr. S. Ravi Kumar, Dr. G. Ratnakanth, Mrs. M. Suma Bharathi, Mr. B. Sasi Kumar, Mr. D. Srinivasa Rao

Journal: Library Progress International, Vol. 44, No. 5, Jul-Dec 2024, P. 699-706

#### Conference Presentations

- **EVALUATION OF MACHINE LEARNING AND GENETIC ALGORITHMS FOR WATER QUALITY PREDICTION**

Presenters: Dr. D.V. Naga Raju, Dr. R.N.D.S.S. Kiran

Event: IEEE International Conference on Augmented Reality, Intelligent Systems and Industrial Automation (ARIIA-2024), Manipal Institute of Technology, Dec 20-21, 2024

- **DIAGNOSIS OF EPILEPTIC SEIZURES USING DEEP LEARNING AND OPTIMIZATION TECHNIQUE**

Presenter: Dr. D.V. Naga Raju

Event: IEEE International Conference on ARIIA-2024, Manipal Institute of Technology, Dec 20-21, 2024

- **Integrating IoT and Blockchain for Seamless Accounting Systems: A New Era of Financial Transparency**

Presenter: Mr. P.L.V.D. Ravi Kumar

Event: International Conference on Modelling Strategies in Mathematics (ICMSM 2024), Nirmala College of Women, Coimbatore, Dec 27, 2024

- **Explainable Artificial Intelligence (XAI) for Lung Cancer Detection: A Framework for Early and Accurate Diagnosis**

Presenter: Mrs. CH. Raja Rajeswari

Event: 2nd International Conference on Algorithms in Advanced Artificial Intelligence (ICAAAI-2024), SRKR Engineering College, Dec 4-6, 2024

- **Yoga Pose Corrector Using Deep Learning Techniques, Traffic Violation Detection System Based Using Hybrid Methods, Explainable Artificial Intelligence (XAI) for Lung Cancer Detection, Polycystic Kidney Disease Identification, Predictive Analysis of cloned voice to commit cybercrimes Using Generative AI Scammers**  
Presenter: Mr. K. Dileep Kumar  
Event: ICAAAI-2024
- **Polycystic Kidney Disease Identification: Harnessing Deep Neural Networks for Accurate Diagnosis**  
Presenter: Mr. K. Rambabu  
Event: ICAAAI-2024
- **AGRI Voice: Your Farming Assistant**  
Presenter: Dr. V. Pavan Kumar  
Event: 3rd International Conference on Automation, Computing and Renewable Systems (ICACRS 2024), Mount Zion College of Engineering and Technology, Dec 4-6, 2024

## **Certifications & Training Programs**

- **National Level Short Term Training Program-2K24 on JAVA Full Stack with React JS & AI**  
Completed by: Mr. P.L.V.D. Ravi Kumar  
Organizer: Brainovision Solutions, Dec 2-22, 2024
- **Microsoft Learn for Educators Foundational AI Bootcamp Training Workshop**  
Completed by: Mr. M. Srinivasa Rao, Mr. K. Lakshmajji  
Date: Dec 5-7, 2024
- **AICTE Training And Learning (ATAL) Academy Faculty Development Program on NEXT GEN SOLUTIONS FOR MEDICAL CHALLENGES POWERED BY AI BASED INTELLIGENT SYSTEMS**  
Completed by: Dr. R.N.D.S.S. Kiran  
Organizer: Malla Reddy College of Engineering & Technology, Dec 16-21, 2024

## **Reviewer Roles**

- **Reviewer for ICAAAI-2024**  
Reviewer: Mr. K. Dileep Kumar, SRKR Engineering College
- **Reviewer for 2nd International Conference on Advances in Artificial Intelligence & Machine Learning in Big Data Processing**  
Reviewer: Dr. V. Pavan Kumar, S.A. Engineering College, Dec 12-13, 2024
- **IGI Global Reviewer Certificate**  
Recipient: Dr. S. Ravi Kumar  
Date: Dec 20, 2024
- **Session Chairs at 2nd International Conference on Signal Processing, Communication, Power, and Embedded Systems (SCOPE-2024)**  
Chairs: Dr. S. Ravi Kumar, Dr. G. Ratnakanth  
Event: Centurion University of Technology and Management, Dec 19-21, 2024

## **Book Publications**

- **Python Programming**  
Author: Mr. K. Dileep Kumar

## NOVEMBER 2024

### Publications

- **Sustainable Teaching and Learning E-learning Model towards Redesigning Transformative Learning Model for Knowledge Sharing & Infrastructure Enhancements Post COVID-19**  
Author: Dr. V. Pavan Kumar  
Journal: Bentham Science Publishers, Recent Patents on Engineering, 2025, Vol. 19, Page No: 1-12
- **Sentiment Analysis and Population-based Optimization for Estimating Human Lifespan using Daily Activities**  
Authors: Mrs. Y. Yesu Jyothi, Mr. M. Raghu Chandra, Mr. M. Bhanu Ranga Rao  
Event: IEEE paper at 8th International Conference on I-SMAC, Nov 28, 2024

### Patents

- **A BLOCKCHAIN-BASED SMART CONTRACT SYSTEM FOR AUTOMATED CROP INSURANCE AND A METHOD THEREOF**  
Patent Holders: Dr. S. Ravi Kumar, Dr. V. Pavan Kumar, et al.  
Application no.: 202441091789 A  
Date of filing: Nov 25, 2024
- **SYSTEM AND METHOD FOR AUTOMATED INDEX GENERATION FOR ANSWER BOOKLETS USING DEEP LEARNING**  
Patent Holders: Dr. S. Ravi Kumar, Mr. S. Ravi Chandra, Dr. V. Pavan Kumar, Dr. R.N.D.S.S. Kiran, Mr. P.V. Rama Raju  
Application no.: 202441088721 A  
Date of filing: Nov 16, 2024

### Certifications & Training Programs

- **NPTEL Courses**  
Completed by: Ms. N. Amulya - "Introduction to Internet of Things" (82%), "Cloud Computing" (79%)  
Mr. M. Srinivasa Rao - "Introduction to Internet of Things" (73%)  
Mr. V.S.N. Murthy - "Cloud Computing" (56%)  
Mr. S. Ravi Chandra - "Problem Solving Through Programming in C" (82%)
- **AICTE Training Program on Innovative Pedagogies and Strategic Leadership in Modern Education: Integrating AI in National Education Policy 2020**  
Completed by: Dr. D.V. Naga Raju, Nov 12-18, 2024
- **Online International Workshop on Applications of AI in Science, Technology & Engineering**  
Attended by: Dr. S. Ravi Kumar, Anurag University, Nov 11-16, 2024
- **One Week National Level FDP on Recent Advancements in AI&IOT-Industry Perspective**  
Completed by: Mr. D. Srinivasa Rao, Periyar Maniammai Institute of Science & Technology,

Nov 25-30, 2024

## Conferences & Workshops

- **Event on Generative AI in Higher Education and Use Cases of ChatGPT**  
Participant: Dr. S. Ravi Kumar, Godavari Global University, Nov 8-9, 2024
- **9th International online Conference on Human Values in Higher Education (ICHVHE 2024)**  
Participant: Mrs. CH. Raja Rajeswari, SRM Institute of Science & Technology, Nov 22-24, 2024

## Reviewer Roles

- **Reviewer Certificate for Book Chapter Reviewing on AI in the Class Room: Current Applications and Future Possibilities**  
Recipient: Dr. S. Ravi Kumar, IGI Global eEditorial Discovery, Nov 2024

## Awards & Recognition

- **Best Paper Award for Exploiting Random Forest Algorithm towards Forecasting Chronic Obstructive Pulmonary Disease Exacerbations**  
Recipients: Dr. S. Ravi Kumar, Dr. G. Ratnakanth, Dr. V. Pavan Kumar, Dr. D.V. Naga Raju, Mr. B. Sasi Kumar  
Event: International Conference on Data-Processing and Networking (ICDPN-2024), Czech Republic, Oct 25-26, 2024
- **Certificate of Excellence in Reviewing**  
Awardee: Mr. M. Bhanu Ranga Rao, Asian Journal of Medicine and Health, Nov 16, 2024

## Patents

- **Autonomous Network Configuration and Optimization System Using Machine Learning Techniques and Method Thereof**  
Patent Holder: Dr. S. Ravi Kumar  
Application no.: 202441075542
- **AI-Based System for Detecting Anomalies in High-Speed Networks and Data Centers and Method Thereof**  
Patent Holder: Mr. S. Ravi Chandra  
Application no.: 202441075544
- **System for END-END Encryption in IoT-Based Smart Grids and Method Thereof**  
Patent Holder: Mr. V. Leela Prasad  
Application no.: 202441075545
- **AI-DRIVEN DYNAMIC RESOURCE ALLOCATION SYSTEM FOR OPTIMIZED CLOUD NETWORK MANAGEMENT AND METHOD THEREOF**  
Patent Holder: Dr. G. Ratnakanth  
Application no.: 202441075546
- **SYSTEM FOR PRIVACY-PRESERVING DATA ANALYTICS IN DISTRIBUTED CLOUD ENVIRONMENTS AND METHOD THEREOF**

Patent Holder: Dr. V. Pavan Kumar

Application no.: 202441075547

- **SMART PRIVACY MANAGEMENT SYSTEM FOR IOT HEALTHCARE EQUIPMENT AND METHOD THEREOF**

Patent Holder: Mr. K. Dileep Kumar

Application no.: 202441075548

- **AI-DRIVEN SYSTEM FOR REAL-TIME INTRUSION DETECTION IN CLOUD INFRASTRUCTURE**

Patent Holder: Mr. V.S.N. Murthy

Application no.: 202441075549

- **METHOD FOR SECURE DATA TRANSMISSION IN IOT NETWORKS USING BLOCKCHAIN AND ENCRYPTION TECHNIQUES**

Patent Holder: Mr. S. Sreenivasu

Application no.: 202441075550

- **SYSTEM AND METHOD FOR INTELLIGENT NETWORK TRAFFIC MANAGEMENT USING AI-BASED ROUTING ALGORITHMS**

Patent Holder: Dr. D.V. Naga Raju

Application no.: 202441075551

- **SYSTEM FOR SECURE CLOUD DATA STORAGE WITH MULTI-FACTOR AUTHENTICATION AND AI MONITORING AND METHOD THEREOF**

Patent Holder: Mr. P.V. Rama Raju

Application no.: 202441075561

## OCTOBER 2024

### Publications

- **MULTICLASS MEMBRANE GASH UNCOVERING AND TAXONOMY USING AMALGAM FEATURES SELECTION BASED ON DEEP CNN**

Author: Mr. P.V. Rama Raju

Journal: Journal of Theoretical and Applied Information Technology, Vol. 102, Issue 19, Oct 15, 2024

- **Effective scheduling algorithm for workload forecasting in fog environment utilizing Dual Interactive Wasserstein Generative Adversarial Network**

Authors: Dr. S. Ravi Kumar, Mrs. M. Suma Bharathi, Mr. P.L.V.D. Ravi Kumar

Journal: IEIE Transactions on Smart Processing and Computing, Oct 30, 2024

- **Systematic Survey on Credit Card Fraud Transaction Detection Techniques**

Author: Dr. D.V. Naga Raju

Journal: Journal of Theoretical and Applied Information Technology

- **Crime Data Analysis Using Naive Bayes Classification and Least Square Estimation with MapReduce**

Author: Mr. K. Dileep Kumar

Journal: International Journal of Computational Methods and Experimental Measurements, Sep 2024

- **DSA Proficiency Tracker: Personalized Problem Solving and Performance Insights using ReactJS**

Author: Mr. K. Dileep Kumar

Event: 5th International Conference on Electronics and Sustainable Communication Systems (ICESC), Oct 2024

## Conference Presentations

- **Utilizing Random Forest to Predict Chronic Obstructive Pulmonary Disease (COPD) Exacerbations**  
Presenters: Dr. D.V. Naga Raju, Dr. V. Pavan Kumar, Dr. S. Ravi Kumar, Dr. G. Ratnakanth, Mr. B. Sasi Kumar  
Event: International Conference on Data-Processing and Networking (ICDPN-2024), Czech Republic, Oct 25-26, 2024
- **Predictive Maintenance in Industry 4.0 Using Hybrid Machine Learning and Fuzzy Logic Models**  
Presenter: Ms. N. Amulya  
Event: 1st International Conference on Renewable Energy Resources and Applications (ICRERA-2024), Sep 26-27, 2024

## Certifications & Training Programs

- **AI0131EN: Introduction to Prompt Engineering**  
Completed by: Dr. S. Ravi Kumar  
Offered by: IBM, Oct 2, 2024
- **2 Weeks Live Online Training Program on Generative AI-Novice to Master**  
Completed by: Dr. S. Ravi Kumar, Sep 16-27, 2024
- **Online FDPs in Collaboration with AICTE**  
Participants: Mrs. Y. Yesu Jyothi, Mr. D. Srinivasa Rao, Mrs. CH. Raja Rajeswari, Mr. V.S.N. Murthy
- **30 Days FDP on Deep Learning**  
Attended by: Dr. Chandra Sekhar Kolli, Sep-Oct 2024
- **2-day Workshop on AI and the Future of Teaching and Learning**  
Attended by: Dr. S. Ravi Kumar, VEDIC, Hyderabad, Oct 28-29, 2024

## Workshop Organization

- **Data Science and Machine Learning Applications for Engineering and Sciences Workshop**  
Coordinators: Dr. S. Ravi Kumar, Dr. R.N.D.S.S. Kiran  
Convenor: Dr. D.V. Naga Raju  
Date: Oct 21-27, 2024

## Reviewer Roles

- **Reviewer for Springer Nature Journal "Scientific Reports"**  
Reviewer: Dr. Chandra Sekhar Kolli, Oct 9, 2024
- **Reviewer for Springer Nature Journal "Cluster Computing"**  
Reviewer: Dr. Chandra Sekhar Kolli, Oct 18, 2024
- **Reviewer for 8th International Conference on Micro-Electronics and Telecommunication Engineering**

Reviewer: Dr. Chandra Sekhar Kolli

- **Reviewer for Springer Journal "Telecommunication Systems"**

Reviewer: Dr. Chandra Sekhar Kolli, Oct 29, 2024

## **Awards & Recognition**

- **Best Researcher Award - Oct 2024**

Recipient: Dr. Chandra Sekhar Kolli, World Top Scientists organization (score of 73/100)

- **Membership of AI-ML Innovative Entrepreneurs and Engineers Association (AMIEE/357)**

Recipient: Dr. S. Ravi Kumar, Oct 3, 2024

## **Guest Lectures**

- **MongoDB Database Operations**

Lecturer: Dr. S. Ravi Kumar

Audience: Students of Smt. B. Seetha Polytechnic, Sep 27, 2024

## **SEPTEMBER 2024**

### **Publications**

- **Deep learning-based credit card fraud detection in federated learning**

Author: Dr. K. Chandra Sekhar

Journal: Expert Systems with Applications, Jun 12, 2024

### **Conference Presentations**

- **Enhancing Data Sharing Security with Insider Treat Detection: A Hybrid Key Management Approach**

Presenter: Mr. S. Sreenivasu

Event: CHRIST University, Bangalore and Liverpool Hope University, UK, Sep 4-5, 2024

- **Comprehensive Exploration of Generative Pre-trained Transformer**

Presenters: Mr. S. Sreenivasu, Dr. K. Chandra Sekhar

Event: 5th International Conference on Data Analytics and Management (ICDAM-2024), Jun 14-15, 2024

### **Certifications & Training Programs**

- **30-hour Live Training Program on Data Structures & Algorithms (DSA) for Campus Placements**

Completed by: Mr. K. Dileep Kumar, Aug 19 - Sep 6, 2024

- **5 days online FDP on Cyber Security and Ethical Hacking**

Participant: Mr. K. Dileep Kumar, Aug 26-30, 2024

- **AICTE Training and Learning Academy FDP on Quantum Artificial Intelligence and High Performance Computing for Industrial Digital Twins**

Participants: Mrs. M. Suma Bharathi, Mr. M. Srinivasa Rao, Mr. G.A.K.S. Rajeev Kumar, Mr. B. Sasi Kumar, Dr. G. Ratnakanth, Sep 9-14, 2024

- **5 Days International FDP on Gen-AI and Prompt Engineering Using Microsoft Co-Pilot**  
Participant: Ms. N. Amulya, Sep 16-20, 2024
- **Infosys Springboard Programming Courses**  
Completed by: Mr. D. Srinivasa Rao  
Courses: "Programming Fundamentals using Python- Part 1" (Sep 19, 2024), "Introduction to Python" (Sep 20, 2024), "Programming Fundamentals using Python- Science Graduates-Foundation Program" (Sep 21, 2024)
- **Faculty Enablement Program (FEP) Phase-3 on Machine Learning & NLP using Python**  
Participant: Mr. S. Ravi Chandra, Jun 24-28, 2024

## Reviewer Roles

- **Reviewer for Springer Journal "Cluster Computing"**  
Reviewer: Dr. Chandra Sekhar Kolli, Sep 4, 2024
- **Reviewer for Springer Journal "Scientific Reports"**  
Reviewer: Dr. Chandra Sekhar Koll

## AUGUST 2024

### Workshops, Training, and Certifications

- **Unity Real Time 3D Fundamentals Training (Module 1)**
  - Participants: Mr. G.A.K.S. Rajeev Kumar, Mr. P. Vinay
  - Date: June 18-22, 2024
  - Conducted by: ARK Infosolutions Pvt Ltd at SVECW, Bhimavaram
- **Unity Essentials Pathway Certification**
  - Recipients: Mr. G.A.K.S. Rajeev Kumar, Mr. P. Vinay
  - Date: August 8, 2024
  - Issued by: Unity Technologies
- **Online Workshop Participation**
  - Participant: Dr. K. Chandrasekhar
  - Workshop: "Two AI tools to help teachers develop listening skills" by British Council
  - Date: August 21, 2024
- **Course Completion**
  - Participant: Mr. D. Srinivasa Rao
  - Course: "Basics of Python" by Infosys
  - Completion Date: August 22, 2024

### Conference Presentations and Guest Lectures

- **Paper Presentation**
  - Presenter: Mr. K. Dileep Kumar
  - Title: "DSA Proficiency Tracker: Personalized Problem Solving and Performance Insights using ReactJS"
  - Event: 5th International Conference on Electronics and Sustainable Communication Systems (ICESC-2024), Hindusthan Institute of Technology, Coimbatore
  - Date: August 7-9, 2024

- **Guest Lecture**

- Lecturer: Dr. S. Ravi Kumar
- Topic: "Innovative Design Thinking Approaches to Epidemic Outbreak Prediction and Risk Assessment"
- Venue: Shri Vishnu Engineering College for Women
- Audience: 75 IT students
- Date: August 10, 2024

## **Publications**

- **Springer Paper Publication**

- Title: "Privacy enhanced course recommendations through deep learning in Federated Learning environments"
- Journal: International Journal of Information Technology
- DOI: <https://doi.org/10.1007/s41870-024-02087-3>
- Authors: Mr. S. Sreenivasu, Dr. K. Chandrasekhar
- Date: August 10, 2024

## **Academic Services**

- **Journal Reviewing**

- Reviewer: Dr. Chandra Sekhar Kolli
  - Paper: "Sign Language Recognition using Modified Deep Learning Network and Hybrid Optimization: A Hybrid Optimizer (HO) based optimized CNNSa-LSTM Approach"
  - Publisher: Springer Nature SNAPP, Scientific Reports
  - Date: August 19, 2024
- Reviewer: Mr. K. Dileep Kumar
  - Paper: "Reducing False Alarms in Seizure Prediction: A Specialized CNN Architecture and a Novel EEG Sampling Technique"
  - Journal: IJCDS
  - Date: August 30, 2024

- **Editorial Work**

- Editor: Mr. K. Dileep Kumar
- Book: "Futuristic Trends in Computing Technologies and Data Sciences" (Volume 3, Book 6)
- Publisher: Selfypage Developers Pvt. Ltd., Chikkamagaluru
- Date: August 2024

## **JULY 2024**

## **Publications**

- **Dr. K. Chandra Sekhar** published "Deep learning-based credit card fraud detection in federated learning" in Expert Systems with Applications (indexed in Web of Science and Scopus).

## Certifications & Training Programs

- **Dr. R.N.D.S.S. Kiran** participated in a 40-hours FDP on "AI and ML for Science and Engineering Applications" sponsored by Ministry of Electronics and Information Technology (MeitY), Government of India at NIT Warangal (22 Jul - 2 Aug 2024).
- **Mr. D. Srinivasa Rao** completed one week Virtual Hands-on FDP on "Cloud Computing Using AWS" (8-13 Jul 2024).
- **Mr. M. Srinivasa Rao** completed the Three-part series of the Web of Science Certification Program 2024 (16 Jul 2024).
- **Dr. S. Ravi Kumar** completed "Freedom with AI Masterclass" (27 Jul 2024).
- **Dr. S. Ravi Kumar** participated in a webinar on AI and Google Tools in Education (28 Jul 2024).
- **Mr. D. Srinivasa Rao and Dr. K. Chandra Sekhar** attended Faculty Development Program on "AI in Education and Corporate Settings" (29 Jul 2024).

## Conference Presentations

- **Mr. K. Lakshmaji** presented "Machine Learning-Based Cybersecurity Framework for IoT Devices" at the 2024 International Conference on Advances in Computing, Communication and Applied Informatics (ACCAI) (27 Jul 2024).

## Reviewer Roles

- **Dr. Chandra Sekhar Kolli** acted as a manuscript Reviewer for the International Journal "Asian Journal of Economics, Business and Accounting" (22 Jul 2024).
- **Dr. Chandra Sekhar Kolli** attended Webinar on "Master Literature Review with Litmaps" (22 Jul 2024).
- **Dr. Chandra Sekhar Kolli** attended a workshop titled "AI tools for Scientific Writing & Publishing" (28 Jul 2024).

## JUNE 2024

### Certifications & Training Programs

- **Mrs. Y. Yesu Jyothi and Mrs. CH. Raja Rajeswari** participated in online FDP on "Machine Learning Applications for Engineers" (3-7 Jun 2024).
- **Dr. G. Ratnakanth** underwent Innovation Ambassador (IA) training "Foundation Level" (30 contact hours) conducted by MoE's Innovation Cell & AICTE (7 Jun 2024).
- **Dr. V. Pavan Kumar** completed multiple courses by Infosys (28 Jun 2024):
  - "Explore Machine Learning using Python"
  - "Python for Data Science"
  - "Introduction to Artificial Intelligence"

# SKILL ORIENTED TRAINING ON DEVOPS 15-20 JULY



**SVECW**  
SHRI VISHNU ENGINEERING COLLEGE FOR WOMEN (AUTONOMOUS) - BHIMAVARAM

**INSTITUTION'S INNOVATION COUNCIL**  
*University of Education, Hyderabad*

**Department of Information Technology**

**Skill Oriented Training on DevOps**  
Phase-I

**C-Block Seminar Hall (C-209)**

**15 - 20 July 2024**

**D. MURAHARI REDDY**  
Technical Trainer  
**CODETANTRA**

CODE  
PLAN  
EASE  
DEPLO



# SKILL ORIENTED TRAINING ON FULL STACK DEVELOPMENT 22-27 JULY



Shri Vishnu Engineering College for Women [Autonomous]  
Bhimavaram, AP.

## FULL STACK DEVELOPMENT

By Pavan Kusuma, Microsoft



## Conference Presentations

- **Mr. S. Sreenivasu and Dr. K. Chandra Sekhar** presented "Comprehensive Exploration of Generative Pre-trained Transformer" at the 5th International Conference on Data Analytics and Management (ICDAM-2024) (14-15 Jun 2024).

## Student Achievements

### Placement Offers

1. **Adobe**
  - Two students, K. Anusha and N.B.S.N. Anjani Devi, were selected for positions at Adobe with an impressive package of **₹45 LPA**.
2. **Accenture**
  - A total of 84 students received placement offers from Accenture with a package of **₹4.5 LPA**.
3. **Infosys**
  - Seven students were selected for the Specialist Programmer Role at Infosys, with a package of **₹9.5 LPA**.
4. **KPIT**
  - Seven students were offered positions at KPIT with a package of **₹4.5 LPA**.
5. **Tech Mahindra**
  - Four students were placed at Tech Mahindra, receiving a package of **₹5.5 LPA**.
6. **Bank of America**
  - Three students were selected for roles at Bank of America with a package of **₹6.45 LPA**.
7. **Capgemini**
  - 131 students secured offers from Capgemini, each with a package of **₹4.25 LPA**.
8. **Cognizant**
  - Six students were placed at Cognizant, with a package of **₹4 LPA**.
9. **Darwinbox**
  - B. Sravya was selected for a position at Darwinbox with a lucrative package of **₹16.30 LPA**.

### Internship Opportunities

1. **Google Internships**
  - Three third-year students, Disha Jain, Renuka, and Ragini, were selected for 2-month internships at Google, earning **₹1.35 Lakh per month**.
2. **Adobe Internships**
  - Two third-year students, P. Pujitha and Srija, secured 2-month internships at Adobe, receiving **₹1.20 Lakh per month**.
3. **IBM Internships**
  - Three students, N. Ramya, G. Keerthi Priya, and N. Gayathri, secured 6-month internships at IBM, each earning a stipend of **₹50,000 per month**.

**4. Amazon Internships**

- K. Bhanu Sri, D. Sree Sowmya, and M. Diva Sai Lakshmi were selected for internships at Amazon, with a stipend of **₹1.10 Lakh per month**.

**Google Internships:**



# రూ.59 లక్షల కొలువు @గూగుల్

**పట్టుదలతో సాధించిన యువతులు**

**భీమవరం పట్టణం, న్యూనీటడే:** నేటి యువతరం చదువుకుంటూనే ఉపాధి మార్గాలను అన్వేషిస్తోంది. ఇంజనీరింగ్ విద్యార్థులు పుస్తకాలకు, ప్రయోగాలకు పరిమితం కాకుండా అందుబాటులోని ఉపాధి అవకాశాలు.. కార్పొరేట్ సంస్థల ప్రోత్సాహాన్ని అందిపుచ్చుంటున్నారు. ప్రతిష్టాత్మక సంస్థల్లో ఉద్యోగావకాశాలు దక్కించుకుంటూ లక్ష్యాన్ని చేదిస్తున్నారు. విష్ణు మహిళా ఇంజనీరింగ్ కళాశాలకు చెందిన ఇద్దరు విద్యార్థినులు గూగుల్ సంస్థలో రూ.59 లక్షల వార్షిక వేతనంతో ఎంపికపడడమే దీనికి నిదర్శనం.

**అది నుంచే పట్టు సాధించాలి**

ఉద్యోగావకాశాలు కల్పిస్తూ ఆయా సంస్థలు ప్రకటిస్తాయి. వాటిని సద్వినియోగం చేసుకోవాలి. కంప్యూటర్ సైన్సు అండ్ ఇంజనీరింగ్ రెండో ఏడాదిలో ఉండగా గూగుల్ సంస్థ ఇచ్చిన అవకాశంతో నాలో ఆశలు చిగురించాయి. తృతీయ సంవత్సరం ప్రకటించిన జాబితాపై మళ్ళీ దృష్టి సారించాను. ఎలాగైనా కొలువు సాధించాలనే తపనతో వ్యక్తిత్వ వికాసం, భాషపై పట్టు సాధించాను. ఉద్యోగానికి ఎంపికపడడంలో ఇవి ఎంతగానో దోహదపడ్డాయి. - డి.సాత్విక, గణపవరం (పల్నాడు జిల్లా చిలకలూరిపేట)



**సీనియర్ల సూచనలతో..**

సాఫ్ట్వేర్ ఇంజనీర్ గా స్థిర పడాలనే అమ్మనాన్నల ఆకాంక్ష మేరకు ప్రఖ్యాత కార్పొరేట్ సంస్థల్లో ఉద్యోగావకాశాలు ఎలా సాధించాలో తెలుసుకున్నాను. ప్రతిష్టాత్మక గూగుల్ సంస్థ అడిగిన అంశాలన్నింటికీ సమాధానం ఇచ్చాను. ఫ్రెండ్ గ్రూప్ యాప్ లో ఉద్యోగావకాశాలు, ఎంపిక విధానంపై సీనియర్లు ఇచ్చే సూచనలు ఉపయోగపడ్డాయి. ప్రపంచ స్థాయి సంస్థల్లో ఉద్యోగ సాధనకు కళాశాల గ్రంథాలయం ఉపయోగపడింది. - డి.రేణుకా గంగా, చదాలి, ముదినేపల్లి మండలం



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**విష్ణు కళాశాల విద్యార్థినులకు గూగుల్ ఉద్యోగాలు**

భీమవరం రూరల్, ఆక్టోబరు 6 (ఆంధ్రజ్యోతి): సాఫ్ట్వేర్ రంగం సాగి ఉంది. ఉద్యోగ అవకాశాలు నాలుగేళ్లుగా అంతంతగానే ఉన్నాయి. అంటూ నిరాశ పడుతున్న వేళ, భీమవరం లోని విష్ణు మహిళా ఇంజనీరింగ్ విద్యార్థినులు గూగుల్లో ఉద్యోగాలు సాధించారు. ఏకంగా ఏడాదికి రూ. 59.1 లక్షల వేతనం పొందనున్నారు. ప్రతిభ, పట్టుదల ఉంటే ఎలాంటి సమయంలోనైనా ఉద్యోగాన్ని అందిపుచ్చుకోగలమని వీరు నిరూపించారు. వీరిలో ఒక విద్యార్థిని డి.రేణుక గంగా తండ్రి విజయవాడలో ఆర్గనీ కండక్టర్ గా పని చేస్తున్నారు. ఉద్యోగ రీత్యా విజయవాడలో ఉంటుంటారు. ఆనలు ఊరు ముదినేపల్లి మండలం వడలి గ్రామం. మరొక విద్యార్థిని డి.సాత్విక. తండ్రి పై నాన్యాయల్ ఉద్యోగం చేస్తున్నారు. ఉద్యోగ రీత్యా విశాఖపట్టణంలో ఉంటున్నారు. ఆనలు ఊరు గుంటూరు జిల్లా చిలకలూరి పేట. కళాశాల నుంచి గూగుల్ కంపెనీకి ఎంపిక కావడంపై రేణుక గంగా, సాత్వికలను విష్ణు ఎడ్యుకేషన్ బైర్సన్ కేబీ విష్ణురాజు, వైస్ చైర్మన్ రవి చంద్రన్ రాజగోపాల్, సెక్రటరీ ఆదిత్య విక్రం, ప్రెసిడెంట్ శ్రీనివాసరావు, వైస్ ప్రెసిడెంట్ వెంకట్రామరాజు అభినందించారు.

**బాబట్టికి వెళదామనుకుని..**

బాబట్టి వెళదామనుకుని ఇంజనీరింగ్లో చేరాను. ప్రథమ సంవత్సరం నుంచి గూగుల్ కంపెనీలో ఉద్యోగం సాధించాలని లక్ష్యం పెట్టుకున్నాను. అలోచనలతో చేశారు. కమ్యూనికేషన్ స్కిల్స్ పెంచుకున్నాను. నాకు తెలిసిన సీనియర్ల నుంచి కొన్ని వాటిపై అవగాహన పెంచుకున్నాను. మంచి ఉద్యోగాలు సాధించిన వేరే కళాశాల వాళ్ళ గురించి తెలుసుకున్నాను. ప్రతిభ కలిగిన వారి వాట్సాప్ గ్రూపులో చేరాను. దాని వల్ల కొంత మోటివేషన్ పెరిగింది. కళాశాల నుంచి మంచి గ్రేడింగ్ అందింది. ఎక్కువ సమయం చదువుకు కేటాయించాను. హార్డ్ వర్క్ చేశాను. - డి.సాత్విక, విష్ణు మహిళా ఇంజనీరింగ్ కళాశాల విద్యార్థిని

విద్యార్థులను అభినందిస్తున్న ప్రెసిడెంట్

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