

SPECIAL POINTS OF INTEREST:

- Technology Trends in 2020
- Department Events
- Technical Interview questions
- Student Articles

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About College

Vision & Mission

Vision

To be a center of excellence in engineering and management education, research and application of knowledge to benefit society with blend of ethical values and global perception .

Mission

- To provide world class engineering education, encourage research and development.
- To evolve innovative applications of technology and develop entrepreneurship.
- To mould the students into socially responsible and capable leaders



Sri. J.V.Krishna Rao HRA
(USA) -Secretary
J.B. Educational Society

About Department

Vision

To meet the emerging trends in computer Science and Engineering, strive for self-reliance enabled through high end research by adapting a futuristic approach.

Mission

- To impart qualitative education, prepare students refurbish their latent talents and aspire for a pragmatic career in Computer Science and Engineering.
- To provide an ambiance to develop strategic areas of advance study with perception to foster industry centric education in computer science and Engineering.
- To inculcate self-learning among students to make them self-reliant and socially responsible.



Dr Putti Srinivasa Rao. Ph.D
Hod Department of CSE

“People worry that computers will get too smart and take over the world, but the real problem is that they're too stupid and they've already taken over the world.”

HOD Message

It is my immense pleasure to head the department of computer science and engineering. The department has consistently maintained an exemplary academic record. The greatest asset of the department is its highly motivated faculty and learned faculty.

The objective of the department is to prepare students for successful career in industry, research and academics to meet the needs of growing technology.

“We are what our thoughts have made us. So take care about what you think. Always be a part of solution, don't be the part of problem. Always try to update your knowledge otherwise you will be outdated. If you want success do all things you are supposed to do then you need not search for shortcuts”.

Technology trends in 2020

Blockchain

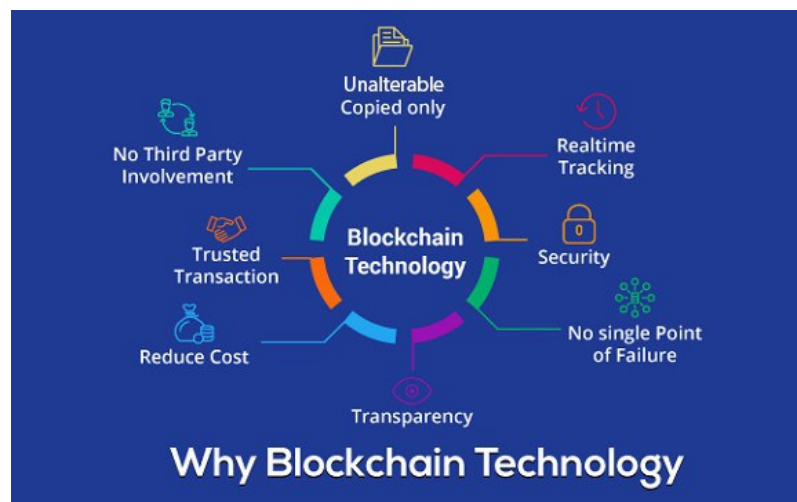
Blockchain, sometimes referred to as Distributed Ledger Technology (DLT), makes the history of any digital asset unalterable and transparent through the use of decentralization and cryptographic hashing

Components of Blockchain

Blockchain consists of three important concepts: blocks, nodes and miners.

- **Blocks:** Every chain consists of multiple blocks and each block has three basic elements
 - 1.The data in the block.
 - 2.A 32-bit whole number called a nonce.
 - 3.The hash is a 256-bit number wedded to the nonce
- **Miners:** Miners create new blocks on the chain through a process called mining
- **Nodes:** One of the most important concepts in blockchain technology is decentralization.it is a distributed ledger via the nodes connected to the chain

Advantages of Blockchain



Faculty Achievements

Research paper - related activity done:

- **Dr. Apparao Naidu**, published a Paper titled "View-Independent Discriminant Analysis with Gradient Self-Similarities for Action Recognition under Multiple Views" in *International Journal of Recent Technology and Engineering (IJRTE)*, ISSN: 2277-3878, Volume-8 Issue-5, January 2020
- **Dr.R.Vijayanand & Dr.G.Arun Sampaul Thomas** presented a paper entitled "A novel feature selection method using WOA and MI technique for intrusion detection system in smart meter communication", at the *International Conference on Devices, Intelligent Systems & Communications (DISC 2020)* held at J.B. Institute of Engineering & Technology, Hyderabad on January 9th and 10th 2020
- **M. Naveen Babu, D. Himagiri and Dr.P. Srinivasa Rao** presented a paper entitled "A Contingent review of Big Data Frameworks", at the *International Conference on Devices, Intelligent Systems & Communications (DISC 2020)* held at J.B. Institute of Engineering & Technology, Hyderabad on January 9th and 10th 2020
- **Salaudhin Mohammad and P Srinivasa Rao** presented a paper entitled "Chip-scope based speed Optimization of scalable Deep Learning Accelerator Unit using VHDL", at the *International Conference on Devices, Intelligent Systems & Communications (DISC 2020)* held at J.B. Institute of Engineering & Technology, Hyderabad on January 9th and 10th 2020
- **Mr. P Prem Kumar and Dr.P Srinivas Rao** presented a paper entitled "Oracle Apps Task Automation – Oata", at the *International Conference on Devices, Intelligent Systems & Communications (DISC 2020)* held at J.B. Institute of Engineering & Technology, Hyderabad on January 9th and 10th 2020
- **Mr. Sathish Kumar S, Mr. Thirumala Rao N and Mr. Srikanth Kama** presented a paper entitled "Regression models for Statistical Arbitrage: Predicting Currency Exchange Rates from News Media", at the *International Conference on Devices, Intelligent Systems & Communications (DISC 2020)* held at J.B. Institute of Engineering & Technology, Hyderabad on January 9th and 10th 2020
- Our CSE faculty **Dr. R. Vijayanand**, published a paper entitled "A novel feature selection method using Whale optimization algorithm and genetic operation for Intrusion Detection system in Wireless mesh network," *IEEE Access Journal*, March 2020, Vol. 8, 2020
- Our CSE faculty, **Dr. R. Vijayanand**, "An efficient intrusion detection system using Multi-objective Genetic Algorithm and Extreme learning machine for neighbourhood area network of smart grid" submitted to *IPEAS 2020 conference*, TKM Engg College, Kollam, Kerala
- Our CSE faculty, **Dr.Apparao Naidu**, published a paper entitled "Optimum Utilization of Data Mining Techniques for Detecting Distributed Denial of Service (DDoS) Attacks," in *International Journal of Computer Science and Technology (IJCT)* ISSN:0976-849 (Online) |ISSN:2229-4333 (Print) in May, 2020
- Our CSE faculty, **Dr.Apparao Naidu**, published a paper entitled "Effective Working Activities on Artificial Intelligence in Healthcare System Past, Present and Future" in *International Journal of Computer Science And Technology (IJCT)* ISSN : 0976-8491 (Online) | ISSN : 2229-4333 (Print) in May, 2020
- Our CSE faculty, **Dr P SrinivasaRao**, published a paper entitled "Analysis Of Machine Learning Models For Cloud Network Analytics In Dynamic auto selection And Autotuning" in *International Journal of Advanced Science And Technology (IJAST)* ISSN: 2207-6360 in May, 2020
- Our CSE faculty, **Dr.Apparao Naidu**, published a paper entitled "A Hybrid Encoded Based Extreme Learning Machine Based on Particle Swarm Optimization Algorithm with Salp Swarm Algorithm" in *Journal of Advanced Research in Dynamical and Control Systems*
- **Dr. R. Vijayanand** Presented the paper titled "An efficient IDS using MOGA and ELM for NAN of SG" in the conference "International Conference on Power, Energy, Control Signals and Systems (IPECS 2020)" from 24/6/20 to 26/6/20

Faculty Achievements

(Conference / Patent / Paper / Book Publication Etc.,)

Awards

- Our CSE faculty **Dr. G. Apparao Naidu** awarded with the **Lifetime achievement award** by *IJEMR-Elsevier SSRN Research awards 2020* organized by IJEMR on **14th March 2020**

Patent

- **Dr. G. Arun Sampaul Thomas** filed an IPR PATENT named “**Automatic Touchless Mist Spray Sanitizer Dispenser**” which was approved by Intellectual Property Rights of India on 17.06.2020.

Book chapter

1. **Dr. G. Arun Sampaul Thomas**, published a Book chapter entitled “IoT, Big Data, Block chain and Machine Learning Besides Its Transmutation with Modern Technological Applications,” *Springer Book Chapter-Internet of Things and Big Data Applications*- Part of the Intelligent Systems Reference Library book series (ISRL, volume 180), **25 February 2020**, PP 47-63 , ISSN: 978-3-030-39118-8.
2. **Dr. G. Arun Sampaul Thomas**, published a Book chapter entitled “IoT, Big Data, Block chain and Machine Learning Besides Its Transmutation with Modern Technological Applications,” *Springer Book Chapter-Internet of Things and Big Data Applications*- Part of the Intelligent Systems Reference Library book series (ISRL, volume 180), **March 2020**, PP 47-63 , ISSN: 978-3-030-39118-8.

- On 24.12.19, Ms. Renuka acted as an Event coordinator Seminar on “Social innovation & Entrepreneurship”, JBIET.
- On 21/12/19, Mr. Abhay Kumar attended a Workshop on “Block Chain Technology” held at IIITM-K at Trivandrum, Kerala.
- **Dr. Niraj Upadhayaya**, Prof CSE and Dean R&D delivered a talk on the topic titled “Artificial Intelligence” with regard to JBGEI Weekly FDP series on 11th January 2020.
- Department of CSE organized an International Conference on Devices, Intelligent Systems & Communications (DISC 2020) held at J.B. Institute of Engineering & Technology, Hyderabad on January 9th and 10th 2020.
- **Dr. Apparao Naidu** delivered lecture as a Resource person in Two Week Faculty Development Program on “Big Data Analytics by using Python and Hadoop (AICTE Sponsored)” held from 20.01.2020 to 01.02.2020 in Computer Science Department, Tirumala Engineering College, and Hyderabad on 25.01.2020.

One Week / 3 (or) 2 Days FDP:

- **Dr.P. Srinivasa Rao** participated in FDP on Machine Learning conducted by Data Teach from 11-5-2020 to 13-5-2020.
- **Dr.P. Srinivasa Rao** participated in FDP on IOT conducted by JNTUH from 5-5-2020 to 7-5-2020.
- **Dr.P. Srinivasa Rao** participated in FDP on IOT conducted by KITS warangal from 10-5-2020 to 14-5-2020.
- **Dr. Vijayanand** participated in the 5 days FDP on the topic of “Deep learning and Expert System” at PSR Engineering college from 25/5/20 to 29/5/20.
- **Mr. Himagiri** participated in Two-day E-workshop on “Python for Beginners” Organized by Sree Vidyanikethan Engineering College, ISTE Student chapter, Tirupathi from 29/05/2020 to 30/05/2020.
- **Mr. Himagiri** Participated in Five-day FDP on “R Programming” Organized by Sree Vidyanikethan Engineering College, Tirupathi in association with spoken tutorial and IIT Bombay, from 25/05/2020 to 29/05/2020.
- **Mr. Prem Kumar**, participated in a 5-Day-National Level Online Faculty Development Program on *ARTIFICIAL INTELLIGENCE* from 22nd May to 26th May 2020 organized by Department of CSE & IT in association with NYCI & Brain vision Solutions India Pvt.

Faculty Achievements

**“Books allow you
to fully explore a
topic and immerse
yourself in a
deeper way than
most media today”**

- *Mr. Sathish* attended “Artificial Intelligence” One Week Faculty Development Programme organized by Sri Devi Women’s Engineering College, Hyderabad from 22-05-2020 to 26-05-2020.
- Our CSE faculties *Dr.P. Srinivasa Rao, Dr.G. Arun Thomas, Mr. Rajkumar, Mr. K. Srikanth, Ms.Renuka* attended “Big Data Tools” One Week Faculty Development Programme organized by St. Martins Engineering College, Secunderabad from 18-05-2020 to 23-05-2020.
- *Mr. Abhay Kumar* attended “MY SQL” One Week Faculty Development Programme organized by JNTUH, Hyderabad from 18-05-2020 to 23-05-2020.
- *Mr. N. Thirumal Rao* attended 3 Days Faculty Development Programme on “Hadoop and Machine Learning” organized by Malla Reddy Institute of Technology, Hyderabad from 18-05-2020 to 20-05-2020.
- Our CSE faculties, *Mr.K.Srikanth, Mr. Prem, Mr. Ramakrishna & Ms.Renuka* got Certificate of participation for attending 5 Days Faculty Development Program on “Introduction to Data Science” conducted from 18th May to 22nd May 2020, Presented by Codegnan IT Solutions in Association with Department of Computer Science and Engineering, Guntur Engineering College, Andhra Pradesh.
- *Mr. Ramakrishna* got Certificate of participation for attending One Week Faculty Development Program on “PHP & MySQL” Conducted from 18th May to 23rd May 2020, Organized by Department of Computer Science and Engineering, JNTUH College of Engineering, Jagtial, Telangana in Association with Spoken Tutorial III-Bombay.
- *Mr. Ramakrishna* got Certificate of participation for attending One week “National Level Online Faculty Development Program on Innovation to Academicians” conducted from 11-05-2020 to 16-05-2020, Conducted by New generation Innovation and Entrepreneurship Development Centre-Ramachandra College of Engineering –Eluru, and National Science & Technology Entrepreneurship Development Board (NSTEDB), Department of Science and Technology, Government of India, New Delhi.
- *Ms.Renuka & Mr. Ramakrishna* got Certificate of participation for attending 3 days “National Level Faculty Development Program on Tools for Online classroom post covid-19” from 18th to 20th May 2020, Presented by Codegnan IT Solutions in association with department of computer science, P.B Siddhartha college of Arts and Science and Computer Society of India-Vijayawada Chapter, A.P.
- *Mr. K. Srikanth, Ms. Soujanya & Mr. Ramakrishna* got Certificate of participation for attending 5 days Faculty Development Program on “Cloud Infrastructure and Virtualization” from 25th to 29th May 2020, Conducted by Department of Computer Science and Engineering, IARE, Hyderabad, Telangana.
- *Mr.K.Srikanth, Mr. Ramakrishna* got Certificate of participation for attending 5 days Online National Faculty Development Program on “Artificial Intelligence” from 22 to 26h May 2020, Conducted by Department of Information Technology Sciences, Anil Neerukonda Institute of Technology & Sciences - [ANITS], Andhrapradesh.
- *Dr. G. Arun Thomas* attended One Week Faculty Development Programme on “Innovation to Academicians” organized by Ramachandra College of Engineering, Eluru from 11-05-2020 to 16-05-2020.
- Our CSE faculties *Dr.G. Arun Thomas, Mr. Prem, Mr. Sathish, Mr. K. Srikanth, Mr. Thirumal Rao* attended “Artificial Intelligence” One Week Faculty Development Programme organized by BVRIT, Hyderabad from 22-05-2020 to 26-05-2020.
- *Dr P SrinivasaRao, HOD CSE* Conducted an FDP on Machine Learning from June 1st to June 5th 2020
- All CSE Faculties attended the One-week FDP on “Machine Learning” was conducted by CSE department from June 1 to 5, 2020.
- *Dr. G. Arun Thomas* attended One Week Faculty Development Programme on “Machine learning and Data science for Engineering applications” organized by Shadan College of Engineering and Technology, Hyderabad from 05-06-2020 to 10-06-2020.
- *Dr. Vijayanand* Participated in the 5 days FDP on the topic of “Become an Ethereum Developer for Blockchain Project Development” at Panimalar Institute of Technology from 22/6/20 to 26/6/20.
- *Mr. Abhay Kumar & Mr.Himagiri* Completed Faculty Development Program (FDP) on Computer Vision using Convolution Neural Network from 8th June 2020 to 10th June 2020 organized by ANURAG UNIVERSITY & BLACKBUCKS.
- *Mr. Abhay Kumar* Completed Faculty Development Program (FDP) on Perl Scripting organized by Department of CSE (Lords Institute of Engineering & Technology, Hyderabad) and Spoken Tutorial IIT Bombay from 10th June 2020 to 14th June 2020.

Faculty Achievements

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- Mr.Ramakrishna Got Certificate of participation for attending 3 Days Faculty Development Program on “advanced networking technology” conducted from 13th June to 15th June 2020, Department of Computer Science and Engineering ,Shadan Engineering College, Telangana.
- Mr.Ramakrishna Got Certificate of participation for attending 6 Days Faculty Development Program on “ML and Data Science applications” conducted from 5th June to 10th June 2020, Department of Computer Science and Engineering & IT ,Shadan Engineering College, Telangana.
- Mr.Ramakrishna Got Certificate of participation for attending one week Faculty Development Program on “online teaching learning processes” conducted from 8th June to 13th June 2020, Department of IT ,ST Vincent pallotti college of Engineering and technology, Nagpur.
- Mr.Ramakrishna Got Certificate of participation for attending 6 Days Faculty Development Program on “Advanced research methodology” conducted from 8th June to 13th June 2020, in association with the institution of engineers,Tulsiramji Gaikward –patil College of Engineering and technology ,Maharashtra.
- Mr.Ramakrishna Got Certificate of participation for attending 3 Days International Faculty Development Program on “Technology for Healthcare” conducted from 8th June to 10th June 2020, in association with the Dept of ECE, GMR Institute of technology,Andhrapradesh.
- Mr. Prem kumar Attended One Week FDP On Advanced Research Methodology & Innovative Teaching Pedagogy at Tulsiramji Gaikward-Patil College Of Engineering And Technology CSE Department on 08-06-2020.
- Mr.Himagiri Attended One Week FDP On Advanced Research Methodology & Innovative Teaching Pedagogy at Tulsiramji Gaikward-Patil College Of Engineering And Technology CSE Department on 08-06-2020.
- Mr.Rajkumar Attended online class from “Bitdegree” on “Mobile App Design Course: Ultimate Tutorial course on How to Design an app That sells” and received certificate on 02-06-2020
- Mr.Rajkumar Attended “Machine Learning” Faculty Development Programme from J.B.Institute of Engineering and Technology from 01-06-2020 to 05-06-2020.
- Mr.Rajkumar Attended “Machine Learning and Data Science for Engineering Applications” from Shadan college of Engineering and Technology, Hyderabad from 05-06-2020 to 10-06-2020.

Others (Webinar / Quiz Etc..)

- Dr P SrinivasaRao Attended NBA webinar on 27-6-2020.
- Mr. Abhay Kumar Completed Webinar on Python Programming for IOT Enabled Biomedical Applications on 5th June 2020 organized by Bharathi Women’s College, Chennai.
- Mr. Himagiri Completed Quiz on DATA ANALYTICS organized by SREE KAVITHA ENGINEERING COLLEGE on 19-06-2020
- Mr.Rajkumar attended Webinar on “Machine Learning” Organized by Department of Computer Science and Engineering, NRI Institute of Technology, Guntur dated 12-06-2020.
- Dr.Niraj attended the following webinars, Quizzes.
 - Webinar on AI Agents and Environment Shri Vishnu Engineering College for Women
 - Wednesday, June 3, 2020
 - E-Quiz on “COVID-19 General Awareness Quiz Rai University Ahmedabad June 3 2020
- Most of our CSE faculties were actively participated in various webinars like *Artificial Intelligence, Machine Learning, IoT, Big Data, IPR, NBA - CO-PO Attainment computation etc.,*
- Our CSE faculties were energetically partaken in various Online Quiz lik *COVID 19 precautions and awareness, Artificial Intelligence, Machine Learning, IoT, Big Data, etc.,*
- Dr. Vijayanand participated in the webinar series on the topic of “*Humanitarian Technology*” organized by IEEE Bangalore section from 13/4/20 to 23/4/20.

Faculty Achievements

NPTEL Courses Completed faculties:

- Dr.Niraj on “Introduction to Artificial Intelligence”
- Dr.Niraj on “Data Science for Engineers
- Mr.Ramakrishna on “Data Analytics with Python”
- Mr.Naveen Babu on “Introduction to Algorithms and Analysis”
- Mr.Himagiri on “Compiler Design” and “NBA Teaching Learning (NATE)”
- Mr.Abhay Kumar on “Problem solving through programming in C”
- Mr.RajKumar on “Problem solving through programming in C”

Dr.P. Srinivasa Rao got certification in JAVA by Solo Learn.

Dr.Arun completed the following courses,

- Coursera online *Data Science Math Skills* on 02-05-2020.
- Coursera Online *Developing AI applications on AZURE* on 09.05.2020. Various Online Courses on Python, Machine Learning, Data Analytics with Python are also undergoing assignments and learning in *NPTEL*, *Coursera*, *Edx*, *AICTE ATAL*, and other Platforms, by our CSE faculties.
- Coursera online AWS Machine Learning on 05-04-2020.
- Online AICTE ATAL FDP on *Block Chain April 20 to 24*.
- Coursera Online *Industrial IoT Google cloud* on 27.04.2020.

Dr.Niraj acted as a resource person for the following events,

- FDP on Machine Learning CSE Department JBIET 10th June to 15th June 2020
- ITW JBREC 17th June 2020
- Webinar on Deep Learning, B.M. Munjal University Gurugram. 10th June 2020
- Expert Panel Discussion - Vocal for Local - Opportunities for Entrepreneurship & Startups - ATMIYA University 8th June 2020

On 24.12.19, Ms. Renuka acted as an Event coordinator Seminar on “Social innovation & Entrepreneurship”, JBIET.

On 06/12/2019, Ms. Renuka, gave guest lecture on “Train the trainee” in FDP titled “Life skills & employability skills”.

On 06/12/2019, Mr. S. Sathish Kumar, gave guest lecture on “Goal Setting & Action Planning” & “Emotional Intelligence” in FDP titled “Life skills & employability skills”.

Dr. Apparao Naidu, delivered lecture as a Keynote Speaker in *6th International Conference on Advanced Logical Mining and Analytical Mining (ALLAM) in Cognitive Science*, Vishakhapatnam, on 28.12.2019.

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Student Achievements

- Around 14 students of CSE Department attended the workshop on “**Higher Studies**” held on 29th January 2020, JBIET
- Our Third year CSE ‘A’ girls’ students **Shivateja, Kalyani, Shivani, Harika Shirisha, Kavya** won **First prize in the Rangoli competition** organized by SAC with theme “On the Life & Mission of Mahatma Gandhi” held on 11th January 2020 at JBIET
- Our Second year CSE ‘A’ girls’ students **Ch.Anu, K.mounika, Shiva, Parvathi, Uma, Vaishnavi, Madhavi** won the **Second prize in the Rangoli competition** organized by SAC with theme “On the Life & Mission of Mahatma Gandhi” held on 11th January 2020 at JBIET.
- JBIET organised a Placement awareness program by M/S. Visual path Technologies Ltd., All third year students CSE have attended which was held on **18th February 2020**, JBIET
- JBIET organised an **Alumni Meet** organised by Ms. Renuka, Faculty CSE Department. The previous 10 batches passed out students of CSE have attended which was held on **15th February 2020**, JBIET.
- AAKRITI SHARMA participated in KILL CANCER Conducted by JNTUH on 12-Jan
- N.HARSHITHA RAO participated in KILL CANCER Conducted by JNTUH on 12-Jan
- N.SSD.BHARGAV participated in Oracle workshop Conducted in Jan-20
- Students participated in activities conducted by Ramakrishna mutt in hyd in Jan 2020
- NADHA KUMAR participated in KILL CANCER Conducted by JNTUH on 12-Jan
- D.SAI DINESH CHANDRA participated in ONE DAY WORKSHOP ON AI Conducted by JBIET on 25-Jan
- ATHARVA SRIVASTAVA participated in ONE DAY WORKSHOP ON AI Conducted by JBIET on 25-Jan
- AAKRITI SHARMA participated in ONE DAY WORKSHOP ON AI Conducted by JBIET on 25-Jan
- R.VISHAL participated in ONE DAY WORKSHOP ON AI Conducted by JBIET on 25-Jan
- 14 STUDENTS participated in HIGHER STUDIES opportunities Conducted by JBIET on 29-Jan
- Students participated in UNNATH BHARATH ABHIYAN Conducted by Govt of India on 18TH & 19TH FEB
- AAKRITI SHARMA participated in INDIAN STUDENT PARLIAMENT Conducted by VIGYAN BHAVAN, NEW DELHI on 20TH TO 23RD FEB, 2020
- K VENKATA AMANI participated in INDIAN STUDENT PARLIAMENT Conducted by VIGYAN BHAVAN, NEW DELHI on 20TH TO 23RD FEB, 2020
- B.JEEVITHA participated in QUEST-2020 DATA JANGO Conducted by JNTUH on 29TH FEB & 1ST MARCH
- VISHAL participated in QUEST-2020 DATA JANGO Conducted by JNTUH on 29TH FEB & 1ST MARCH
- G.SRI SAMHITHA SAGAR participated in QUEST-2020 DATA JANGO Conducted by JNTUH on 29TH FEB & 1ST MARCH
- PRANTHI REDDY participated in QUEST-2020 DATA JANGO Conducted by JNTUH on 29TH FEB & 1ST MARCH
- PRANTHI REDDY participated in QUEST-2020 A 12HOURS HACKATHON Conducted by JNTUH on 7TH MARCH-2020
- PRANTHI REDDY participated in QUEST-2020 TROUBLESHOOT Conducted by JNTUH on 12TH & 13TH MARCH, 2020
- PRANTHI REDDY participated in QUEST-2020 CODE KING Conducted by JNTUH on 12TH & 13TH MARCH, 2020
- PRANTHI REDDY participated in QUEST-2020 Conducted by JNTUH on 12TH & 13TH MARCH, 2020

Student Achievements

Ms Akruthi Sharma ,B.Tech 2nd Year of CSE Receiving 3rd Prize from Her Excellency ,Dr.Tamilisai Sounderarajan', Honourable' Governor of Telangana, during Inter &Intra College Education Competition, titled "Kill the Cancer" ,Conducted by ISKCON, Kukatpally and JNTUH in December 2019





(Accredited by NAAC, Approved by AICTE
& Permanently Affiliated to JNTUH)


JB Educational Society

Campus:

Bhaskar Nagar, Moinabad Mandal

R.R. District, Hyderabad

Telangana State, India-500075

 **08413-235127**

J.B.I.E.T. has well developed infrastructural facilities, such as adequate built up area, well equipped laboratories, libraries and information centers with digitalization and automation and on line transaction facilities in the campus. All facilities such as Medical, Transport, Canteen and Games & Sports, are available besides Seminar Halls, Conference Halls, Indoor Auditorium, Open-Air Theatre and Banking.



What is Virtual Reality?

VR is the technology by which you can immerse yourself in an environment that seems astonishingly realistic. It is the use of computer technology for creating a simulated environment. It is very popularly used for playing computer games. Unlike traditional games where you experience the gaming environment by viewing it on the screen, you are directly placed in the environment!.

Areas of application.

- It can be used in medical studies to enable students to know the human body structure.
- It can be used in scientific research laboratories so that scientist can easily research on a specific topic.
- It can be used in entertainment like in games and movies to make the gaming experience more real and to allow individual to experience adventures under extreme conditions.
- It can be used in driving schools as it give a real look of roads and traffic.
- It can be used in military training for the soldiers to get familiar with different areas in the battlefield

Advantages of Virtual Reality:

- Virtual reality creates a realistic world
- It enables user to explore places.
- Through Virtual Reality user can experiment with an artificial environment.
- Virtual Reality make the education more easily and comfort.

