

Institute Achievements



IEEE VITS Student Branch received the Vibrant Student Branch Award from IEEE Hyderabad Section.



The institute has received the Best Academic Education institute award from Trinity college Durbin and Education matters.



The institute received Best Performing Academy Award for training the highest number of students in IT Essentials from TASK, Govt. of T.S.



The institute received Academy years of Service Award from CISCO Networking Academy.



The institute ranked 44th Position in South India, 68th position nation wide and 10th position in Private engineering colleges in Hyderabad by The WEEK Survey in 2019.



The institute ranked 5th position in placements by Times of India Ranking in 2019.



The institute ranked 100th position nation wide by India Today MDRA Ranking in 2019.



The institute ranked 11th position in Top Engineering Colleges of Excellence by CSR-GHRDC in 2019.



The institute ranked 7th in Telangana Region, 90th Rank in India by Data Quest in 2019.

Research & Development



- At Vignan Research Activity is inter-woven. Our faculty members and students are committed to develop innovations in different wings of engineering stream.
- The Institution received different Research Projects from various Govt. organizations like DRDO, DST, AICTE, MHRD, SERB, DESIDOC, and others.
- The faculty published as many as 1000+ Research Papers in peer reviewed Journals.



VIGNAN INSTITUTE OF TECHNOLOGY AND SCIENCE

Vignan Hills, Near Ramoji Film City, Deshmukhi Vill., Pochampally Mdl., Yadadri Bhuvanagiri Dist. Telangana - 508 284.

Affiliated to JNTU Hyderabad, **Programmes Accredited by NBA**, Approved by AICTE, New Delhi

E-mail : principal.vits@gmail.com, principal.vgnt@vignanits.ac.in

Eamcet / Ecet Code : **VGNT**

Courses Offered

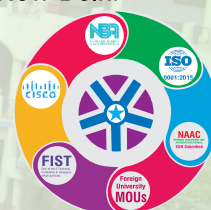
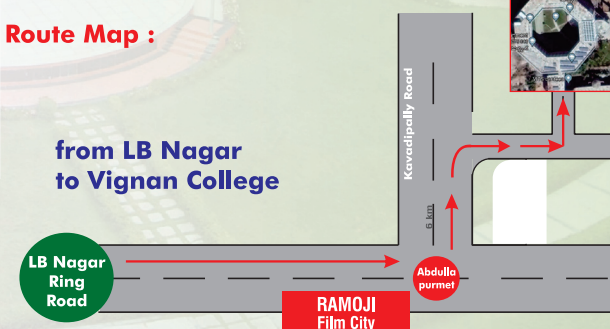
Under Graduate Courses

Electronics and Communication Engineering	- 180
Mechanical Engineering	- 180
Computer Science and Engineering	- 180
Electrical and Electronics Engineering	- 60
Civil Engineering	- 60
Electronics and Instrumentation Engineering	- 60

Post Graduate Courses

Computer Science and Engineering	- 18
Embedded Systems	- 18
Power Electronics & Drivers	- 18

Route Map :



Newsletter

VIGNAN NEWSLETTER

January 2019 to June 2019



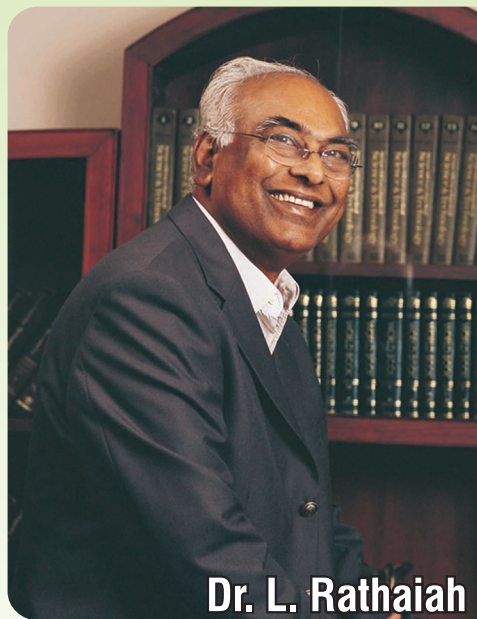
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E-mail : principal.vgnt89@gmail.com , principal.vgnt@vignanits.ac.in, Website : www.vignanits.ac.in





Dr. L. Rathaiah
Chairman, Vignan Group

THE LEGEND OF VIGNAN

Over the past four decades, there has been a spiraling change in the field of education, The best kept itself abreast of the change and further inspired change. We, at Vignan are privileged to be recognized as the pioneers of educational revolution from the last four decades and have provided the world with the best talent. When we started a residential junior college in Vadlamudi, Guntur, blossomed into a group of institutions over the years. Inspiring story, isn't it? Indeed our students take great pride to be a part and parcel of this wonderful evolution. And so, Vignan has established Engineering, Pharmacy, and Management Colleges in Guntur, Hyderabad and Vishakhapatnam and have built a strong reputation. With an intake of a robust 20,000 students and faculty at staggering 2,000 members, It has been a journey of achievement as we at Vignan, take honor towards the contribution of society.

OTHERS SAW THE PROBLEM. HE FOUND THE SOLUTION

The difference between the dreamers and visionaries is that a dreamer just dreams and does nothing to realize it, while a visionary creates his own path to realize his ideas. That streak of originality is the distinct quality which makes them a breed apart from the mere mortals.

Dr. L. Rathaiah, the Chairman of Vignan Group of Institutions, is destined to be different. Or should we say, he chose to be different



Sri. B. Shravan
CEO, Vignan Group Hyd

Institute Profile

Name	: VIGNAN Institute of Technology & Science
Estd. Year	: 1998
Managed by	: Lavu Educational Society
Approved by	: AICTE, New Delhi
Accreditation	: NBA Accreditation
Affiliated to	: JNTU Hyderabad
Course Offered	: B.Tech & M.Tech
Campus	: 350 acres spacious campus Near Ramoji Film City, Hyderabad.
Website	: www.vignanits.ac.in



Dr. G. Durga Sukumar
B.Tech, M.Tech, Ph.D (IT-R)
Principal

- ❖ Mr. Ch. Vijaya Bhaskar, MHD natural convection flow past a moving vertical plate with ramped temperature, ARPN journal of engineering and applied sciences(Journal), 13(22), 8846-8853.
- ❖ Mr. Ch. Vijaya Bhaskar, Unsteady MHD flow over an inclined porous plate embedded in porous medium with heat absorption, International journal of pure and applied maths(Journal), 120(6), 8021-8050.
- ❖ Dr. M. Chandra sekhar, Study of Intermolecular Interactions between 2-Chloroaniline Isomeric Butanol Complexes in Gas Phase by Using DFT, NBO, QAIM and RDG Analysis, Asian journal of chemistry (Journal), Vol. 31, No. 3 (2019), 538-544.
- ❖ Dr. M. Chandra sekhar, Participated in UGC Sponcered Two day national seminar on Emerging Trends and Oppurtunities in Chemical Sciences and Biotechnology, UGC Sponcered Two day national seminar on Emerging Trends and Oppurtunities in Chemical Sciences And Biotechnology (Conference), Seminar.
- ❖ Dr.M.Chandra sekhar, Published an abstract in UGC sponcered international seminar on Recent Developments of Physico-chemical Charecterization Techniques conducted in guntur JKC College, in UGC sponcered international seminar on Recent Developments of Physico-chemical Charecterization Techniques conducted in guntur JKC College, Seminar.
- ❖ Mr. B. Mukesh, Study of Intermolecular Interactions in binary mixtures of 2-methoxyanelene and chlorinated alkane at various temparatures, Journal of solution chemitry (Journal), Paper accepted and about to publish..
- ❖ Mr. B. Mukesh, Published an abstract in UGC sponcered international seminar on Recent Developments of Physico-chemical Charecterization Techniques conducted in guntur JKC College, in UGC sponcered international seminar on Recent Developments of Physico-chemical Charecterization Techniques conducted in guntur JKC College (Conference), Seminar.
- ❖ Mr. B. Mukesh, Participated in UGC Sponcered Two day national seminar on Emerging Trends and Oppurtunities in Chemical Sciences and Biotechnology, UGC Sponcered Two day national seminar on Emerging Trends and Oppurtunities in Chemical Sciences and Biotechnology (Conference), Seminar.
- ❖ Dr. R. Balaji, Published an abstract in UGC sponcered international seminar on Recent Developments of Physico-chemical Charecterization Techniques conducted in guntur JKC College, in UGC sponcered international seminar on Recent Developments of Physico-chemical Charecterization Techniques conducted in guntur JKC College (Conference), Seminar.
- ❖ Dr. Govind choudary, Participated in UGC Sponcered Two day national seminar on Emerging Trends and Oppurtunities in Chemical Sciences and Biotechnology, UGC Sponcered Two day national seminar on Emerging Trends and Oppurtunities in Chemical Sciences and Biotechnology (Conference), Seminar.
- ❖ Ms. V. Laxmi Prasanna, Presented an Abstract in UGC Sponcered Two day national seminar on Emerging Trends and Oppurtunities in Chemical Sciences and Biotechnology, UGC Sponcered Two day national seminar on Emerging Trends and Oppurtunities in Chemical Sciences And Biotechnology (Conference), Seminar.
- ❖ Mr. G. Vinod Kumar, Whatup with Whatsapp?, International journal of english language literature in humanities (Journal), vol-7,issue-2, feb 2019.
- ❖ Mr. Shahshi kumar, Presented a paper on "Application of Kransnoselkii theorem for multi valued Operations", A national conference on Advances in Computational Fluied Dynamics (Conference), Conference.
- ❖ Mr. Ch. Vijaya Bhaskar, presented a paper on "Transient MHD flow of Dusty Fluied over Inclined porous plate embedded in porous medium: Finite element study", A national conference on Advances in Computational Fluied Dynamics (Conference), Conference.
- ❖ Dr. Venugopal, Second Order velocity and thermal slip impacts on MHD flow of tangent hyperbolic nano flueid towards stretching cylinder, A national conference on Advances in Computational Fluied Dynamics (Conference).
- ❖ Mr. Manender, Second Order velocity and thermal slip impacts on MHD flow of tangent hyperbolic nano flueid towards stretching cylinder, A national conference on Advances in Computational Fluied Dynamics (Conference).
- ❖ Mr. Raja shekar, Second Law Analysis in Magneto hydrodynamic peristaltic transport of a jeffrey nano fluid through an asymmetric channel, A national conference on Advances in Computational Fluied Dynamics (Conference).
- ❖ Dr. R. Sridhar, Presented a paper on "Chromium influence on electrical properties of nickel nano ferrites", 2-day national seminar on recent trends in material research for science and engineering appliances, MVSR College Hyderabad (Conference), Seminar.
- ❖ Dr. R. Sridhar, Presented a paper on Structural electrical properties of Ni-Cr nano ferrites, National conference on advances in Nao Functional materials, Osmania University-Hyderabad (Conference), Conference.

- & Control Systems Vol. 10, 02-, pp:2266-2271 Scopus Indexed(Unpaid) ISSN: 1943-023X
- ❖ Praveen kumar Rapolu , B. Srinu A Comprehensive Study of Routing Protocols in Cluster Based Wireless Sensor Networks International Journal of Computer Sciences and Engineering E-ISSN: 2347-2693, Vol.-6, Issue-10 ,pp:900-907 E-ISSN: 2347-2693,
 - ❖ R. Praveen Kumar, Ch. Raghavender, N. Rajesh Reddy, P. Sushanth Reddy Effective Reassignment of Virtual Machines in IAAS Clouds International Journal of Research Volume VIII, Issue III, Page 1524-1528,
 - ❖ R. Praveen Kumar, P. Sree Varsha, L. Sandhya Rani, G. Bharadwaj Gender Prediction by Voice using Logistic Regression International Journal for Research in Applied Science & Engineering Technology (IJRASET) Volume 7 Issue IV, PAGE: 1874-1876
 - ❖ P. Lavanya Kumari, S. Akhil, K. Neha Reddy, N. Gwinith, B. Supraja Security of Division and Replication of Data in Cloud Using CP-ABE International Journal of Management, Technology and Engineering ISSN No:2249-7455, Vol:9, Issue-4, ISSN No: 2249-7455
 - ❖ R. Akshara, S. Kranthi Reddy, Dr. P. Kiran Kumar Classification Approach of Machine Learning to Predict Diabetes using Pima Indians Diabetes Database in R-Programming Journal of Advance, Research in Dynamics & Control Systems Vol. 10, 13-, pg no: 967-977 Scopus Indexed(Unpaid)
 - ❖ S Kranthi Reddy, S. Poojitha, G. Bhargavi, B. Harika Analysis of Student Academic Performance using Regression Methods International Journal of Inventive Engineering & Sciences (IJIES) ISSN:2319-9598 vol: 5 issue-3 Unpaid Journal ISSN: 2319-9598 Unpaid Journal
 - ❖ S Kranthi Reddy, P Balaji Taru, E. Anjala, P Deekshith Kumar, S Rushika Spam Email Classification Methods IJITEE (under review)
 - ❖ Yashasree Tummala, Dr. K Hemantha Kumar A Review on Data Mining and Big Data Analytics International Journal of Engineering & Technology Vol 7 (4.28) Pages 92-94
 - ❖ Dr. Pardeep Kumar, Dr. Udayabhanu N P G Raju Protected Combination Of Artificial Neural Network With Wireless Sensor Networks International Journal of Engineering and Advanced Technology Vol 8, Issue-4, Pg No. 8-13
 - ❖ Dr. Pardeep Kumar, S. Dheeraj Reddy, Y. Vinod Kumar Reddy and S.G. Nitish Reddy A Novel Approach on Connecting Social Media to E-commerce: Cold-start Product Recommendation Using Micro Blogging Information International Journal of Research ISSN:2236-6124, Volume VIII, Issue IV, Pg No. 2371-2376
 - ❖ Pardeep Kumar, Annagoni Harshitha, Sai Priya, Manas Prasad Comparing Performance of Intrusion Detection System using Machine Learning International Journal of Research ISSN:2236-6124, Volume VIII, Issue IV, Pg No. 1519-1524, ISSN:2236-6124,
 - ❖ B. Srinu, N. Bharath Kumar, E. Swarna Bharathi, Talking Data Ad Tracking Fraud Detection International Journal of Research ISSN: 2236-6124, Volume VIII, Issue IV
 - ❖ Mr. B. Srinu, B. Sai Teja, M. Sai Kumar Security Analysis And Privacy Of Numerical Information Cloud Using Vertical Fragmentation International Journal of Research ISSN:2236-6124, Volume VIII, Issue IV
 - ❖ K. Praveen Kumar , K. Nagabruna, B. Navya , M. Sowmya, G. Praneeth Yadav Identity based Encryption Technique for Secure Data Sharing in Public Cloud International Journal for Research in Applied Science & Engineering Technology (IJRASET) ISSN: 2321-9653 Volume 7 Issue IV
 - ❖ Koramoni Praveen Kumar, Maraju Padmaja, Puli saikiran, Emmadishetti Keerthana Cloud Storage System Using Secured Role Based Access Control International Journal of Research ISSN NO:2236-6124 Volume VIII, Issue IV
 - ❖ Y. Swapna, B. Srinithya, Y. Sujay Kumar, J. Hussain Prediction of Emergency Admissions in Hospitals using Machine Learning International Journal of Research ISSN:2236-6124, Volume VIII, Issue IV
 - ❖ A. Vijay Gopal, P. Kiran Kumar Developing Big Data frameworks for efficient intelligent transport system for safety and security Journal of Theoretical and Applied Information Technology Vol 97
 - ❖ S. Nalini Durga, M. Ramakrishna , G. Dayanandam Autonomous Water tank Filling System using IoT International Journal of Computer Sciences and Engineering (IJCSSE) Vol.-6, Issue-9,
 - ❖ S. Nalini Durga, M. Ramakrishna Smart Irrigation System based on Soil Moisture using IoT International Research Journal of Engineering and Technology (IRJET) Volume: 05 Issue: 06 | pgno:2003-2007 S.No:379 S.No:379
 - ❖ Ch. Jaya Bharathi, S. Sirisha Security using Blockchain Technology International Journal of Recent Technology and Engineering
 - ❖ G. Raja Vikram, Dr. A.V.N Krishna Dr. K. Shahu chatrapati ECC based Secure Group Communication in Energy Efficient Unequal Clustered WSN (EEUC-ECC) 3rd International Conference on Computational Intelligence and Informatics-2018 (ICCI-2018) ICCI Springer Conference
 - ❖ Kaushik Sekaran, G Raja Vikram, B.V Chowdary, UNP Raju Combating Distributed Denial of Service Attacks Using Load Balanced Hadoop Clustering in Cloud Computing Environment Proceedings of the 2nd International Conference on Digital Technology in Education ICDTE Scopus Indexed Conference
 - ❖ Kaushik Sekaran, Venkata Krishna, Y. Swapna, Lavanya Kumari, M.P Divya Bio inspired fuzzy model for energy efficient cloud computing through firefly search behaviour methods International Conference on Computational Vision and Bio Inspired Computing, ICCVBIC "Volume 1 Issue Springer LNCS" Scopus Indexed Conference Springer LNCS" Scopus Indexed Conference
 - ❖ S Krathi Reddy, Siddharath Choudhary, R Pranavi Review Spam Detection by using XgBoost Algorithm ICRAET-19 International
 - ❖ S. Kranthi Reddy, Dr. Maruti Padmaja A Survey on Non Machine and Machine Learning Spam Filtering Techniques NSC-2018 National



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Newsletter

News Letter : January 2019 to June 2019

Innovative Project Expo

Vignan Institute of Technology and Science Organized Innovative Project Expo - 2019 on 20th April, 2019.

Total No. of Projects Exhibited : 307



Entrepreneurship Development Cell

The Entrepreneurship Development Cell of VGNT conducted an event e-talks on 15-04-2019. Mrs. Swati Lakra IPS was the chief guest who delivered her opening speech. Several young entrepreneurs from different companies also shared their valuable experiences which motivated and encouraged the young student to become successful entrepreneurs in future.



NSS Activities ZERO WASTE MANAGEMENT



To inspire the students towards the conservation of the nature, Vignan Institute of Technology & Science has organized a program regarding zero waste management. This program has been conducted on 23/02/2019.

YOGA CLASSES

To inspire the students towards good physical and mental health, yoga classes were organized at the college premises. This program was held on 05/02/2019 in which 20 teachers and 322 students were participated.



ROAD SAFETY CAMP

Vignan Institute of Technology & Science has organized a program regarding "The Road Safety" to create awareness among the youth. This program was conducted at Kawadepally village on 04/02/2019 as part of "The Road Safety Week".



CANCER AWARENESS

Vignan Institute of Technology & Science has organized a program regarding "Cancer Awareness" on the eve of World Cancer Day, to make them understand the causes and effects of it. The program was held on 03/02/2019 and the venue of this program is Yashoda Hospital, where 7 faculty members and 111 volunteers were participated.

NATIONAL YOUTH FESTIVAL

To inspire the students towards oneness a program was organized in Vignan Institute of Technology & Science, titled "NATIONAL YOUTH FESTIVAL" in its campus under its NSS. This program was held on 24/01/2019.



MoU :

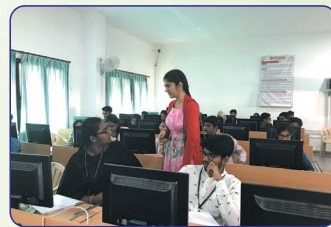
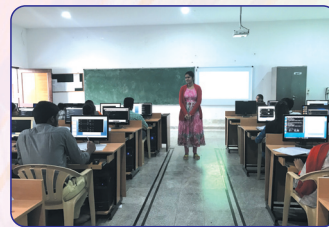
- VGNT established a Labview Lab in association with National Instruments, where students, staff can make use for research in latest technology.

Guest Lectures :

- On 10th January, 2019 Department of Mechanical Engineering organized **"Applications of Parametric Modeling & Multi Physics"** by **Mr. Prasanth Turla**, Simulation Design Engineer – TRUMPF Photonics Inc., South Cranbury, North America.
 
- On 24th January, 2019 Department of Mechanical Engineering organized **"Mechanics are the future vintage"** by **Mr. Shravan Panja**, Investor & Film Maker In India & UK.
 
- On 21th February, 2019 Department of Mechanical Engineering organized **"Essential Engineering Mechanics (EEM) with Simplified Integrated Methods of Solution (SIMS)"** by **Dr. Narasimha Siddhanti Malladi**, Retired Professor, Tuskegee University, USA.
 
- On 01st July, 2019 Department of Electronics and Communication Engineering organized **"Career Growth"** by **Akhil Ghatiki**.
 
- On 23rd March, 2019 Department of Electronics and Communication Engineering organized **"Self Analysis & Career Enhancement"** by **G. Kranthi Kumar**, Vindhya.
 



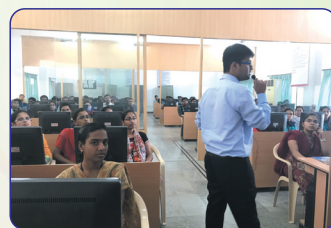
- On 21st January, 2019 Department of Computer Science and Engineering organized **"Emerging Trends In Software Development"** by **Ms. L Dhruthi Chowdary** (Software Engineer at Infosys, Mysore)



- On 23rd February, 2019 Department of Computer Science and Engineering organized **"Life Skills & Money Management"** by **Mr Kaparthi Akhil** (Software Engineer at Seed Flow Cyber Tech, Hyd)



- On 20th March, 2019 Department of Computer Science and Engineering organized **"Workshop On Ethical Hacking & Digital Forensics"** by **Mr. Sai Dinesh Kondeti** (Masters Student at JNTUH)



Faculty Awards :

- Dr. N. Dinesh Kumar, Engineer (Got an Appreciation for guiding the project and reaching to quarter finals), Texas Instruments.

Patents :

- Dr. N Dinesh Kumar, Ch V B Aditya Kumar, Dr. P A Harsha Vardhini, N Koteswaramma, Murali Chandra Babu K, "Hygienic Automated Food Processing Machine (HAFPM) Using Pneumatics Through PLC", Application ID: 201841049124
- Dr. B. Singaravel, "NFLCV – Machining: NANO fluid as Lubricant to control the vibration in machining", Application ID: 201941016300

- ❖ K. Murali Chandra Babu N. Datta, B. Srinivas Rithika, B. Rahul Chowdary Colour Sorting Machine Using Aurdino 2nd National conference on Computing, Communications And Electrical Engineering-2019
- ❖ K. Murali Chandra Babu, K. Spandana, E. Pranitha Automatic Engine Locking System For Drunken Drivers International Journal of research in electronics and computer engineering, april 2019 Vol 7, Issue 2 pp No:847-850 ISSN:2393-9028
- ❖ V. Prakasam, Dr. P.A. Harsha Vardini Analysis and Applications of Continuous Wavelet Transform Suraj Punj Journal For Multidisciplinary Research (SPJMR) Volume 9, Issue 4, 2019 11-APRIL-2019, ISSN NO: 2394-2886
- ❖ V. Prakasam, Ch. Sharath, M. Sai Ram LAB VIEW Based Snappy and Video Stream Edge Detection Techniques Using IMAQdx International Journal Of Research In Electronics And Computer Engineering (IJRECE) VOL. 7 ISSUE 2, Page No:879-883 ISSN: 2393-9028 (PRINT) ISSN: 2348-2281 (ONLINE)
- ❖ V. Prakasam, A. Pallavi, E. Nithisha Matlab Based Real Time Target Detection And Tracking Using Arduino Journal of Emerging Technologies and Innovative Research (JETIR) April 2019, Volume 6, Issue 4, Page No: 121-126 ISSN-2349-5162
- ❖ V. Prakasam, S. Sowmya, J. Sangeetha Wavelet Based Image Fusion Using Matlab Journal of Applied Science and Computations (JASC) Volume VI, Issue IV, April/2019, Page No: 3010-3014 ISSN NO: 1076-5131
- ❖ V. Prakasam, A. Pallavi, E. Nithisha Vehicle Speed Detection Using Image Processing National Conference on "Computing Communications and Electrical Engineering-2019 isbn: 978-93-5346-824-8
- ❖ P. Upender design of equangular spiral helix antenna International conference on 5G communications, applications and technologies, Vignan university
- ❖ M. Kavitha Rani, P.A. Harsha Vardhini Collision Avoidance by Crack Detection in Railway Transportation System International Journal of Engineering Research and Application Vol. 8, Issue 12 (Part -I) Dec 2018, pp 26-28 ISSN: 2248-9622
- ❖ P. Nageswara Rao ,kuntamukkala Vamsi Krishna , Navuluru Pravallika , Chunduru Hema Latha , Thakur Dinesh Prasad Accident Detection And Smart Ambulance Suraj Punj Journal For Multidisciplinary Research Volume 9, Issue 4, 2019, pp no 379-385 ISSN NO: 2394-2886
- ❖ P. Nageswara Rao, J. Pradeep Reddy, S. Harshavardhan Rao Sign Language Recognition For Deaf And Dumb People Using Aurdino International Journal of Research Volume VIII, Issue IV, April/2019, pp no 2084-2088 ISSN NO:2236-6124
- ❖ P. Nageswara Rao, G. Akhil Ayappa, K. Chakravarthi, K. Bharath Reddy, K. Venu Wireless Animatronic Hand Journal of Applied Science and Computations Volume VI, Issue IV, April/2019, page No:2876-2882 ISSN NO: 1076-5131
- ❖ K.R. Anudeep Laxmikanth, Mandala Harishkumar, Palsa

- Kiran Kumar, Maduri Sairam, Cheripally Sharath Movement Based Voice Enabled Device Switching And Basic Needs For Physically Challenged International Journal of Research Volume VIII, Issue IV, April/2019, ISSN NO:2236-6124
- ❖ G. Raja Vikram, Dr. A.V.N Krishna, Dr. K. Shahu chatrapati A Novel Congestion-Aware Approach for ECC based Secured WSN Multicasting Journal of Advanced Research in Dynamical and Control Systems Volume 10, Issue 10 ISSN: 1943-023X
- ❖ Kaushik Sekaran, G. Raja Vikram, B.V. Chowdary Design of Effective Security Architecture for Mobile Cloud Computing to Prevent DDoS Attacks International Journal of Wireless and Microwave Technologies(IJWMT) Vol.9, No.1, pp. 43-51,Google Scholar
- ❖ G. RajaVikram, V. Bharath Goud, K. Adithya, N. Bhargav Raj "Secure Smart Semantic Search Based on Conceptual Graphs over Encrypted Outsourced Data" Journal Of Applied Science and Computations Vol.6 , Issue. 4
- ❖ B.V. Chowdary Dr. Y. Radhika, GU Optimal variables identification and statistical mining approach for healthcare data Journal of Advanced Research in Dynamical and Control Systems ISSN: 1943-023X
- ❖ Dr Kaushik Sekaran, Dr P. Chandana, Dr N. Murali Krishna, Seifedine Kadry Deep learning convolutional neural network (CNN) With Gaussian mixture model for predicting pancreatic cancer Multimedia Tools and Applications pp 1–15, SCI Indexed (Springer US)
- ❖ Kaushik Sekaran, Mohammed S Khan, Rizwan Patan, Amir H Gandomi, Venkata Krishna Parimala, Suresh Kallam Improving the Response Time of M-Learning and Cloud Computing Environments Using a Dominant Firefly Approach IEEE Access Page(s): 30203 - 30212 SCI Indexed (IEEE)
- ❖ Dr. P. Kiran Kumar, P. Deepika, G. Sirisha Improving Software Architecture Data Graphs in Fisheye views Journal of Advanced Research in Dynamical and Control Systems Vol. 10, 13- pg no: 1979-1985 Scopus Indexed(Unpaid) ISSN: 1943-023X
- ❖ R. Akshara, P.B. Nipun, P. Thanuja, V. Rachana Reddy A Survey On Socirank Identifying And Ranking Prevalent News Topics Using Social Media Factors Journal of Applied Science and Computations ISSN No:1076-5131, Vol. VI, Issue IV, April 2019 ISSN No:1076-5131,
- ❖ R. Akshara, Deepak Sanaka, Anusha Vaspari, J. Uday Kiran Forecasting Crop Yield Through Classification Approaches of Machine Learning International Journal of Recent Technology and Engineering
- ❖ Praveen kumar Rapolu, Khaleel Ur Rahman Khan Study on the Network sensitive generation of Wireless Sensor Network by utilizing Protocol decisive Clustering model Jour of Adv Research in Dynamical & Control Systems Vol. 10, 02-, pp:2272-2280 Scopus Indexed(Unpaid) ISSN: 1943-023X
- ❖ Praveen Kumar Rapolu, Khaleel Ur Rahman Khan An Evaluation of wireless sensor networks with Energy efficiency LEACH-2CH Jour of Adv Research in Dynamical

- Mr. B. Mukesh , Qualified in Research Review Meeting 2 (RRM2) in dec-2019
- Dr. R. Sridhar, Published a book titled with "Synthesis and characterization techniques to study the Mixed nano Ferrite composition" in Lambart Abiene publications

Department Initiative :

- The Institution of Engineers (India) is pleased to establish students' chapter at the Department of Mechanical Engineering, Vignan Institute of Technology & Science, Vignan Hills, Hyderabad.
- Exploration of Ideas for Entrepreneurship. Motivation and how to work on an idea for establishing a start up at the Department of Electronics and Communication Engineering, Vignan Institute of Technology & Science, Vignan Hills, Hyderabad.
- Dept. of CSE. We have initiated to guide final year students to publish their project work in UGC approved journals. The Outcome was, more than 10 papers were published in UGC approved journals and Conferences.
- About to conduct a combined physics, chemistry and mathematics Faculty Development program in the month july first week 2019.

Faculty Publications :

- ❖ Dr.Narayan Sangam "Controls of Mineralisation of Corundum at Gobbagurthi, Khammam." 4th A.P.Science Congress.2018.National Conference. Proceedings of 4th A.P.Science Congress.2018.Page No.
- ❖ P.Sai Shraddha Influence of Aggregate Size on Self Compacting Concrete Mix International Conference on Sustainable Innovations in Civil & Mechanical Engineering (ICSICM-2019) Paper communicated and accepted
- ❖ B. Lavanya Experimental Study on Recron Fibre Reinforced Concrete imanagers journal of civil engineering Paper communicated ,accepted & under review
- ❖ M. Madhuri Optimally Locating Rain harvesting pits using GIS as Tool National Conference on Recent Advances in Civil Engineering Paper communicated
- ❖ P. Sai Shraddha Optimally Locating Rain harvesting pits using GIS as Tool National Conference on Recent Advances in Civil Engineering Paper communicated
- ❖ P. Sai Shraddha Comparative study on Acid resistance of Geopolymer Concrete to conventional concrete National Conference on Recent Advances in Civil Engineering Paper communicated
- ❖ Karthik Thipparthi Comparitive Study On Counter forts & Buttresses on Retaining Wall imanagers journal of civil engineering Drafting in Progress
- ❖ M. Madhuri Comparative study on Acid resistance of Geopolymer Concrete to conventional concrete National Conference on Recent Advances in Civil Engineering Paper communicated
- ❖ Mr. B. Mahesh Utilization Of Plastic Waste In Bitumenous Pavements National Conference on Recent Advances in Civil Engineering Paper communicated
- ❖ K. Chandra Shekar, B. Ananeya Prasad, B. Singaravel and

N. Eswara Prasad Effect of CNTs addition on fracture behavior of neat epoxy and epoxy-carbon fiber-reinforced composites AIP Conference Proceedings DOI: 10.163/1.5085614

- ❖ G. Narendar, E. Ramjee and N. Eswara Prasad In-Plane anisotropy and tensile deformation behavior of Aluminium alloy AA 2014 forge plates Sadhana @Indian Academy of Sciences 44 (22) DOI: 10.1007/s12046-018-0994-8
- ❖ A. Vishnu vardhan, V. Sai charan, S. Sai raj, S. M. Hussaini and G. V. Rao Failure prediction of CFRP composite using weibull analysis AIP Conference Proceedings DOI: 10.163/1.5085585
- ❖ K. Mangapathi Rao, D. Vinay Kumar, K. Chandra Shekar and B. Singaravel Vegeatble oil as alternative source to mineral oil based dielectric fluid-A review International journal of Mechanical and production research and development ISSN: 2249-8001
- ❖ Ch. Divya and Ch. Saikrupa Characterization and comparing the flexural strength of E-Glass/ Epoxy matrix composite hybridized with E-Glass powder JETIR ISSN: 2349-5162
- ❖ G. Narendar, E. Ramjee and N. Eswara Prasad Yield locus solution treated and Aged aluminum alloy A 2014 forge plate Indian Journal of Engineering research and Technology ISSN: 2278-0181
- ❖ V Gurushanker Simulation of Flow over a Car Using Wind Tunnel IJRASET ISSN No: 2321-9653
- ❖ Swarupa Rani D, N. Dinesh Kumar, P.A. Harsha vardhini Post-correction of analog-to-digital converter for different input signals, International Journal of Engineering and Advanced Technology Vol 8, Issue 3(Feb, 2019), , pp No: 45-49 ISSN: 2249-8958
- ❖ P.A. Harsha Vardhini, K. Murali Chandra Babu & D. Swarupa Rani Raspberry PI Based Automated And Efficient Irrigation System With Add-on Field Security International Journal of Mechanical and Production Engineering Research and Development (IJMPERD) ISSN (P): 2249-6890; ISSN (E): 2249-8001
- ❖ Donthulwar Swarupa Rani, Bandari Jyothi & A. Vani Real Time Heartbeat Monitoring And Alerting System Through Voices International Journal of Mechanical and Production Engineering Research and Development (IJMPERD) Vol. 8, Special Issue 2, Nov 2018, 318-321 ISSN (P): 2249-6890; ISSN (E): 2249-8001
- ❖ D. Swarupa rani, B. Jyothi, M. Harish kumar, P. Kiran Kumar IOT Based Air Pollution Monitoring and Alerting System to Prevent environment Suraj Punj Journal For Multidisciplinary Research Volume 9, Issue 4, 2019 ISSN NO: 2394-2886
- ❖ Natasha Saude, P.A Harsha vardhini, T. Rajeshwari Design and Implementation of Parking Space Detection System using Spartan FPGA IOSR Journal of VLSI and Signal Processing (IOSR-JVSP) Volume 8, Issue 6, Ver. IPP 67-70 e- (Nov. - Dec. 2018 ISSN: 2319 – 4200, p-ISSN No. : 2319–4197

Womens Day Celebrations :

- IEEE VGNT WIE AG & WPC Organized Womens Day Celebrations on 19th March, 2019.

Chief Guest :

1. **Ms. Reena Dayal**, Senior Engineering Director, Garage at Microsoft India, Hyderabad
2. **Ms. M. Shravya Reddy**, Founder WE & SHE, Hyderabad



Foreign University Representatives Visited VGNT :

On 24th March, 2019 **Mr. Vijay, from Saint Peters University, USA** visited our campus and briefed about MS Admission & Online Course on Data Science.



On 24th February, 2019 **Ms. Courtney Sears & Mr. Kiran More, from Arkansas State University, USA** visited our campus and briefed about MS Admission.



List of Students Selected for MS Admission :

S.No.	Roll No	Name of the Student	Branch	Year/Sem
1	15891A0509	B.Supraja	CSE	IV/II
2	15891A0537	Neha Reddy Kanala	CSE	IV/II
3	15891A0485	K.Sainath	ECE	IV/II
4	15891A04B8	Y.Prasanth	ECE	IV/II
5	16891A0489	Shivani	ECE	III/II
6	16891A0471	C.Soumya	ECE	III/II
7	16891A0453	P.Sai kumar	ECE	III/II

S.No.	Roll No	Name of the Student	Branch	Year/Sem
8	16891A0212	I.Priyanka	EEE	III/II
9	15891A05H0	Neha	CSE	IV/II
10	16891A0476	G.Srivani	ECE	III/II
11	16891A0221	M.L.V.Surya	EEE	III/II
12	16891A0470	C.Asha	ECE	III/II
13	16891A0460	Y.Venkat	ECE	III/II
14	16891A04C4	Shankar	ECE	III/II
15	16891A04D4	Pranavi	ECE	III/II
16	16891A04H0	Shanmukh	ECE	III/II
17	16891A0423	B.Vishal	ECE	III/II
18	16891A0422	Madhi Reddy Akhila	ECE	III/II
19	16891A0471	Sowmya Chinthala	ECE	III/II
20	16891A0489	Malay Shriya Shivani	ECE	III/II
21	16891A0412	Rishitha Chokkarapu	ECE	III/II
22	16891A0483	Mudhiraj Chenamoni	ECE	III/II
23	16891A0492	N. Srinivasa Sharanya	ECE	III/II
24	16891A0472	Damarla Bhavani	ECE	III/II
25	16895A0403	Bodige Supriya Goud	ECE	IV/II
26	15891A0485	Kalakuntla Sainath	ECE	IV/II

Placements :

- 02 Students got selected in NIIT.
- 06 Students got selected in RYTHMOS.
- 01 Student got selected in ZAP Marketing.
- 03 Students got selected in RAAM Group.
- 01 Student got selected in Amazon Development.
- 04 Students got selected in VAX Consultants.
- 03 Students got selected in RDC Concrete.
- 10 Students got selected in ATOS SYNTEL.
- 12 Students got selected in Amazon (CS).
- 02 Students got selected in HSBC.
- 48 Students got selected in Teleperformance.
- 05 Students got selected in Seshritha Technologies.
- 20 Students got selected in Vijay Nirman.
- 08 Students got selected in Jana Harsha.
- 20 Students got selected in Westline Shipping.
- 02 Students got selected in NTT Data.
- 01 Student got selected in Yellow Messenger.
- 03 Students got selected in BYJUS.
- 54 Students got selected in SAVANTIS Solutions.
- 06 Students got selected in Tech Mahindra.
- 23 Students got selected in Apex.
- 18 Students got selected in Genpact.
- 01 Student got selected in Nava Infotech Pvt. Ltd.
- 11 Students got selected in Swan Environmental.
- 03 Students got selected in SCIFED Pvt. Ltd.
- 01 Student got selected in CYIENT.

Internships :

- 03 Students from B.Tech III Year CIVIL got selected for Internship in DRDL, Hyderabad.
- 11 Students from B.Tech III Year CIVIL got selected for Internship in BSCPL Infrastructure, Ltd., Hyderabad.
- 01 Students from B.Tech III Year Mechanical got selected for Internship in IIT Chennai.
- 05 Students from B.Tech II Year ECE got selected for Internship in Bharat Dynamics Limited.
- 04 Students from B.Tech II Year ECE got selected for Internship in Bharat Electronics Limited.
- 02 Students from B.Tech II Year ECE got selected for Internship in DRDO.
- 01 Students from B.Tech II Year ECE got selected for Internship in Reliance JIO.
- 01 Students from B.Tech III Year ECE got selected for Internship in DRDL.
- 01 Students from B.Tech IV Year ECE got selected for Internship in Atisaya Engineering Services.
- 02 Students from B.Tech IV Year ECE got selected for Internship in DRDO.
- 03 Students from B.Tech IV Year ECE got selected for Internship in H -LABS,US.
- 04 Students from B.Tech IV Year ECE got selected for Internship in L&T Metro Rail (Hyderabad) Limited.
- 01 Students from B.Tech IV Year ECE got selected for Internship in Pramati.
- 01 Students from B.Tech IV Year CSE got selected for Internship in Amazon.
- 08 Students from B.Tech IV Year CSE got selected for Internship in Infosys.
- 01 Students from B.Tech IV Year CSE got selected for Internship in NIIT.
- 01 Students from B.Tech IV Year CSE got selected for Internship in Open Text.
- 03 Students from B.Tech IV Year CSE got selected for Internship in Pramati Technologies.
- 01 Students from B.Tech IV Year CSE got selected for Internship in Yellow Messenger.

Total No. of Internship : 54

Industrial Visits :

- On 15th February, 2019 33 Students Visited Survey of India, Uppal, Hyderabad.
- On 23rd February, 2019 12 Students Visited Water Treatment Plant, Kodandapur, Hyd - Nagarjuna Sagar State Highway



- 35 Students Alpla Industry, Hyderabad. Date : 13.03.2019.
- 65 Students Hyderabad Malleble Products, Hyderabad. Date : 29.03.2019.
- 50 Students Infosys SEZ, Pocharam Campus, Ghatkesar, Hyderabad. Date : 10-04-2019.



Total No. of Students Participated in Industrial Visits : 310

Student Achievements :

- Katam Subhashini-15891A0122, Nautakki Sai Kethana-15891A0134, Kethavath Sunil Kumar Naik-16895A0101 "Academic Excellence Award" awarded by Education Matters, GRADUATES 2019, Hyderabad, Telangana on 26th Feb-2019.
- Nivesh Krishna 16891A0363 Group Discussionin1st Placefrom SAEINDIA Tier-II (State Level)
- Prabhanjan Kulkarni 16891A0348 Group Discussionin1st Placefrom SAEINDIA Tier-II (State Level)
- Sai surya 16891A0357 Group Discussionin1st Placefrom SAEINDIA Tier-II (State Level)
- Mallikarjun 16891A0305 Group Discussionin1st Placefrom SAEINDIA Tier-II (State Level)
- Mohan Krishna 16891A0317 Group Discussionin1st Placefrom SAEINDIA Tier-II (State Level)
- Prabhanjan Kulkarni 16891A0348 Material Identificationin1st Placefrom SAEINDIA Tier-II (State Level)
- Nivesh Krishna 16891A0363 Material Identificationin1st Placefrom SAEINDIA Tier-II (State Level)
- Nivesh Krishna 16891A0363 Python Programmingin3rd Placefrom SAEINDIA Tier-II (State Level)
- Prabhanjan Kulkarni 16891A0348 Python Programmingin3rd Placefrom SAEINDIA Tier-II (State Level)
- Nivesh Krishna 16891A0363 Python Programmingin1st Placefrom SAEINDIA Tier-III (National Level)
- Prabhanjan Kulkarni 16891A0348 Python Programmingin1st Placefrom SAEINDIA Tier-III (National Level)
- Nivesh Krishna 16891A0363 Autonomous Vehicle Challengein2nd Placefrom SAEINDIA Tier-III (National Level)
- Sai surya 16891A0357 Autonomous Vehicle Challengein2nd Place from SAEINDIA Tier-III (National Level)
- Mohan Krishna 16891A0317 Autonomous Vehicle Challengein2nd Place from SAEINDIA Tier-III (National Level)

- Roja, twinkle, and pragnya (IV ECE) won first prize worth Rs. 25,000 for their project idea in" IDEA CONCLAVE FOR BETTER HYDERABAD" organised by Awareness In Action.
- N. Ramya (IV ECE) IEEE India Council Student Co-ordinator Team Member Ambassador For IEEE Extrem Programming Competetion, IEEE Collaboration, IEEE las , Cmd Project Contest.
- Satya Dev (IIECE) Enterprenuar of Organik Milk.
- K.V.S Yugandhar Reddy 15891A05E2 Got Selected for Telangana State Kabaddi Team Played 66th Senior National Kabaddi Championship , India 28-1-2019 to 31-1-2019
- K.V.S Yugandhar Reddy 15891A05E2 Got Selected for Hyderabad District Kabaddi Team, Playes 66th Senior District Kabaddi Championship , Telangana 18-1-2019 to 20-1-2019
- B. Harsha Deep 15891A0564 Got Placed in Amazon as Programmer Analyst with 10Lakhs Package
- Pannasi Balaji Tarun 15891A05F9 Got Placed in BYJU's The Learning App- as Business Development Intern with 10 Lakhs Package
- T. Tanvi (18891A0516) Selected for JNTUH Yoga team (BSH)
- VITS Cricket team ABVP cricket tournament winners
- VITS Cricket team Aurora's Scientific & Technological Institute, Ghatkesar tournament aora premier league winners
- KVS Yugandhar Reddy Selected for Telangana state kabaddi team
- K. Deepika Selected for JNTUH Taekwondo team
- K. Harsha vardan reddy Selected for JNTUH boxing team

Faculty Attended Workshops :

- Mr. B. Mahesh, Engineering Research Methodology, Osmania University, 6-10 May,2019.
- N.Venkateswarlu, N.Leelaprasad, B.Singaravel, S.Deva Prasad, K.Chandra Sekhar, MATLAB for Mechanical Engineers, Telangana State Council of Science & Technology, Telangana, Sreyas Institute of Engineering & Technology, Hyderabad, 21.02.2019 to 26.02.2019.
- K.Chandra Sekhar, Intellectual Property Intelligence & Patent Drafting, AICTE-ISTE, Nalla Narasimha Reddy Education Society's Group of Institutions, Chowdariguda, Hyderabad, 17.12.2018 to 22.12.2018
- Ch.Divya, Experimental Techniques and Data analysis, VSSUT, Burla, Odisha, Osmania University, Hydearad, 22.04.2019 to 26.04.2019
- M.Siva Rama Krishna, Innovative Mechanisms & Standards for Assuring Quality in Higher Education Institutions-AIQHEI'2019, Jointly organized by IQAC & Academic Staff College (ASC), Koneru Lakshmaiah Education Foundation, Guntur, 22.03.2018 to 23.03.2019
- M.Srihari, Innovative Mechanisms & Standards for Assuring Quality in Higher Education Institutions-AIQHEI'2019, Jointly organized by IQAC & Academic Staff College (ASC), Koneru Lakshmaiah Education Foundation, Guntur, 22.03.2018 to 23.03.2019

- D. Swarupa Rani, Hands-on-workshop on IOT and Drones, IEEE WITH ComSoc, Muffakam Jah college of engineering and technology, 03-10-2018 to 04-10-2018.
- B. Madhusudhan Reddy, CISCO, CISCO, CISCO BANGLORE, Jan18 to Jan 25, 2019
- R. Praveen Kumar, CISCO CCNA Routing & Switching, CISCO NETWORK ACADEMY, Anurag Group of Institutions Medchal, Telangana, 17-1-2019 to 30-1-2019
- Pardeep Kumar, CISCO Conference, CISCO NETWORK ACADEMY, Bangalore, 11-2-2019, 12-2-2019
- G. Raja Vikram, INFYTQ Summit, INFOSYS, Mysore, 15-2-2019
- Mr. K. Balaiah, Mr. Manohar, Mr. B. Ramana Reddy, Faculty development program for first year induction program for AICTE Approved Institutions, All India State coucil of higher education(AICTE), IARE, 9,10,11 of may 2019.

Faculty Achievements :

- N Dinesh Kumar, Ch V B Aditya Kumar, P A Harsha Vardhini, N Koteswaramma, Murali Chandra Babu K, Patent (Application No.201841049124 A) on "Hygienic Automated Food Processing Machine (HAFPM) Using Pneumatics Through PLC" was published on 04/01/2019
- N Dinesh Kumar, Editorial Board member of International journal of Research publication
- N Dinesh Kumar, Editorial Board member of American Journal of Embedded Systems and Applications
- N Dinesh Kumar, Editorial Board member of "International Journal for Advances in Engineering & Scientific Research"
- N Dinesh Kumar, Editorial Board member of Session Chair for Special Session "Recent Trends, Challenges and applications in Smart Agriculture, Poultry and farming "
- N Dinesh Kumar, Professional Member of Engineers Australia
- N Dinesh Kumar, Professional Member of International Association of Online Engineering
- P. Padmaja, Awarded Doctrate from SV University, Tirupathi.
- P.Padmaja, Editor for IJERTCS
- P.Padmaja, Editor for EJECE
- P. Sandeep, Published Chapter 20, "cost effective implementation of digital karaoke " in Electronics And Communication Engineering Applications And Innovations, Apple Academic Press ISBN :978-1-77-188-693-2
- Dr. M. Chandra sekhar, Attended as a resource person for UGC sponsored international seminar on Recent Developments Of Physico-Chemical Charecterization Techniques conducted in JKC college, Guntur.
- Dr. R. Balaji , Awarded Ph.D from JNTUH with "Thermo physical and spectroscopic studies on some binary liquid mixtures" topic in Physics department
- Mr. Raja shekar, Qualified in State Eligibility Test (SET)
- Mr. Shashi kumar, Submitted The Thesis in Mathematics domain with " Applications on fixed point theorem with fuzzy metric space" topic in Nagarjuna University