### **Achievements**

### **Staff Achievements:**

### From 1<sup>st</sup> November to 30<sup>th</sup> November 2020

- Dr.B.Indira and Prof. M.V.Ramana Murthy published a paper entitled "Integrating IOT and FOG Computing for solving time sensitive Applications : The need of the hour" in Journal of XIAN University of Architecture and Technology", JXAT journal, ISSN 1006-7930, Volume XII, Issue XI, November 2020, Impact factor 3.7, Page No: 453-462, https://doi.org/10.37896/JXAT12.11/29747 (Scopus Indexed)
- Mr. B. Srinivasa S. P. Kumar has presented a paper entitled "A fundamental study on Suicides and Rainfall datasets using basic Machine Learning algorithms", in the 4<sup>th</sup> International Conference on Electronics, Communications and Aerospace Technology (ICECA – 2020), organized by RVS Technical campus, Coimbatore, India on 05<sup>th</sup> to 07<sup>th</sup> November, 2020.
- Dr.B.Indira & T.Sirisha published a paper entitled "Identification of Tourists from Public Commuters using Transport Data and Predicting Next Tour", International Journal of Computer Engineering and Applications, Volume XIII, Issue VI, November. 20, www.ijcea.com ISSN 2321-3469, impact factor 0.675, PP 1-9.

#### From 1<sup>st</sup> October to 31<sup>st</sup> October 2020

- Mr. M. Kalidas has presented paper with title "Edge Computing", in a Two-day session virtual conference from 17<sup>th</sup> to 18<sup>th</sup> October, 2020 on International Conference on Emerging Trends in Information Technology, organized by ILS & ICJEA.
- Dr. G. N. R. Prasad, presented a paper entitled "The COVID-19 Pandemic's Impact on Cloud Storage" in a two day International online conference on "Emerging Trends in Information Technology", conducted by Integrated Learning Systems, Hyderabad in collaboration with International Journal of computer Engineering and Applications during 17<sup>h</sup> to 18<sup>th</sup> October, 2020.
- Dr. B. Indira has chaired the Session for the Technical Session 1 on "IoT" and reviewed papers. Also presented a paper entitled "Identification of tourists from public commuters using transport data and predicting the next tour", in a two day International online conference on "Emerging Trends in Information Technology" conducted by Integrated Learning Systems in collaboration with International Journal of computer Engineering and Applications, Hyderabad during 17<sup>th</sup> to 18<sup>th</sup> October, 2020.
- Dr. G. N. R. Prasad has chaired the Session for the Technical Session 2 on "Data Sciences" in a two day International online conference on "Emerging Trends in Information Technology", conducted by Integrated Learning Systems in collaboration with International Journal of computer Engineering and Applications, Hyderabad during 17<sup>h</sup> to 18<sup>th</sup> October, 2020.
- Dr. D. Lakshmi Sreenivasa Reddy, nominated as an Evaluator for Ph.D. Thesis in Amity University.
- Dr. G. N. R. Prasad, presented a paper entitled "Analyzing and Predicting COVID-19 Cases using Machine Learning" in a two day AICTE Sponsored Online International

**conference** on **"Data Science, Machine Learning and it's Applications (ICDML 2020)**", conducted by Sridevi Engineering College, Hyderabad during 09<sup>th</sup> to 10<sup>th</sup> October, 2020.

- Dr. G. N. R. Prasad, presented a paper entitled "Evaluating Student Performance Based on Bloom's Taxonomy Levels" in the International online conference on Engineering Response to the COVID-19 conducted by JIS College of Engineering, Kalyani, West Bengal during 08<sup>th</sup> to 09<sup>th</sup> October, 2020.
- Dr. G. N. R. Prasad has received a Certificate of Recognition for the successful completion of "8 high quality peer review of research articles in the last five month (May-September) of 2020", for the Journal of International Research Journal of Modernization in Engineering, Technology and Science (IRJMETS).
- Mr. D. Jayaram et.al, wrote a paper on "Intelligent Liver Disease Prediction (ILDP) System Using Machine Learning Models" was accepted by Springer Nature Singapore and will be published in November, 2020.
- Mr. D.Jayaram et. al., wrote a paper on "Probabilistic Neural Network-based Model for Identification of Parkinson's Disease by using Voice Profile and Personal Data" was accepted by Arabian Journal for Science and Engineering and will be published in November, 2020.

# From 1<sup>st</sup> September to 30<sup>th</sup> September 2020

- Dr.B.Indira, Dr. D. Lalitha Devi and prof. S. Jeelani published a paper entitled "A Statistical Case Study on Usage of ICT in Teaching in Various Schools and Colleges of Secunderabad and Hyderabad" Science and Engineering Journal, ISSN NO: 0103-944X, pp. 38-45, Vol. 24, Issue 09, September, 2020 (Scopus Indexed).
- Dr. G. N. R. Prasad, reviewed an article with ID "20M-08-571" and entitled "Factors Affecting Behavioural Intention to Shop in Self-Service Retail. Case Study: JD.ID X Mart" of Special Issue for Advances in Science, Technology and Engineering Systems Journal.
- Dr. G. N. R. Prasad, reviewed an article with ID "20M-07-481" and entitled "To Study Variation Of Energy Consumption In IoT Networks" of Special Issue for Advances in Science, Technology and Engineering Systems Journal.

#### From 1<sup>st</sup> August to 31<sup>st</sup> August 2020

- Dr. B. Indira and M. Surya Teja published a paper entitled "Robust Frequent Item set Mining on Massive Data" in International Journal for Modern Trends in Science and Technology, Vol. 6, Issue (8S): 149-155, August, 2020, Impact factor 4.175, ISSN: 2455-3778 online DOI: https://doi.org/10.46501/IJMTSTCIET29.
- Dr. G. N. R. Prasad, published an article entitled "Digital Technology and its Positive Impact on the Environment" in the International Research Journal of Modernization in Engineering, Technology and Science, Volume: 02/Issue: 08/August-2020, e-ISSN: 2582-5208.
- Dr. G. N. R. Prasad, participated in the "COLLOQUIUM on information flux & its impact on Societal Resilience: A Cause of Conflict or Concord", and submitted an extended

abstract entitled **"COVID-19: Shaping the future study through Digital Education**". The program was jointly organized by the Department of Management Studies & Department of Information Technology, Indian Institute of Information Technology, Allahabad during  $22^{nd} - 23^{rd}$  August 2020.

- Dr. G. N. R. Prasad, presented a paper entitled "A review on smart phone-based solutions to farmers" in the "Sustainable Solutions A key to Challenges and Opportunities in Business, Management and Entrepreneurship", organized by the department of Business Management (MBA), St. Ann's College for Women (Autonomos), Mehdipatnam, Hyderabad on 12.08.2020.
- Dr. D. Lakshmi Sreenivasa Reddy has chaired a Technical Session in AICTE sponsored 3<sup>rd</sup> International Conference on "Computational Intelligence & Data Engineering (ICCIDE -2020)", in association with Springer organized by the department of Information Technology, Vasavi College of Engineering, Hyderabad, Telangana, India, during 08<sup>th</sup> – 09<sup>th</sup> August, 2020.
- Mr. D. Jayaram, participated in the "International Conference on Intelligent Computing in Control and Communication (ICCC-2020)", organized by AITAM, Tekkali, Srikakulam, Andhra pradesh during 07<sup>th</sup> - 08<sup>th</sup> August, 2020.
- Dr. G. N. R. Prasad, presented a paper entitled "Forecasting in Microsoft Excel for Analyzing and Predicting future results" in the International Webinar on "The Role of Advance Mathematics in the Present Global crises", conducted by Department of Mathematics with Oceanology and Computer Programming, VidyaSagar Univesity, Midnapore, West Bengal during 5<sup>th</sup> - 7<sup>th</sup> August 2020.

# From 16<sup>th</sup> June 2020 to 31<sup>th</sup> July 2020

- Dr. B. Indira, delivered a guest lecture on "Data Structures Trees" on 27<sup>th</sup> July 2020 to the students of TS Social &Tribal Welfare Residential Degree College, Korutla, Jagtial.
- Dr. G. N. R. Prasad, presented a paper entitled "ROLE OF SOCIAL MEDIA DURING COVID-19 PANDEMIC" in the "International Online Conference "COVID-19: Emergence and Resurgence of Communicable Diseases from Social Sciences Perspectives" Organized by School of Social Sciences & Humanities, University of Science & Technology, Meghalaya, India in collaboration with Indian Institute of Technology, Guwahati on July 21<sup>st</sup> -22<sup>nd</sup>, 2020.
- Dr. G. N. R. Prasad, presented a paper entitled "FLIPPED CLASS APPROACH IN TEACHING OF CHEMISTRY USING MOODLE" in the "International Webinar on Recent Advances in Science and Technology During the Corona Virus Pandemic- 2020" organized by BIT Mesra Ranchi (India) on 18<sup>th</sup> -19<sup>th</sup> July 2020.
- Dr. G. N. R. Prasad, presented a paper entitled "REGRESSION ANALYSIS OF COVID 19 SPREAD IN INDIAN STATES" in the "International e-Conference on Information, Communication and Networking" organized by Easwari ENGINEERING COLLEGE, Ramapuram, Chennai on 10<sup>th</sup> -11<sup>th</sup> July 2020.
- Dr. G. N. R. Prasad, presented a paper entitled "CHALLENGES IN IMPLEMENTING CLOUD FOR DIGITAL TRANSFORMATION" in the "International Web Conference on Advances in Science, Engineering And Management (ICASEM - 2020)" organized by E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS) NAGAPATTINAM on 03<sup>rd</sup> July 2020.
- Dr. B. Indira, reviewed papers for IEEE Access, International Conference on Machine Learning and Data Analysis (ICMLDA 2020), IGI Global Journal.

- Dr. G. N. R. Prasad, presented a paper entitled "SPAM E- MAIL DETECTION MODEL USING LOGISTIC REGRESSION TECHNIQUE" in the "International Web Conference on Advances in Science, Engineering And Management (ICASEM - 2020)" organized by E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS) NAGAPATTINAM on 03<sup>rd</sup> July 2020.
- Dr. G. N. R. Prasad had reviewed the article entitled "A Smart Updater IT Governance Platform based on Artificial Intelligence" of Special Issue for Advances in Science, Technology and Engineering Systems Journal (Scopus Journal) during June-July 2020.
- Dr. B. Indira, reviewed papers for Springer 3rd International Conference on Soft Computing & Signal Processing ICSCSP 2020.
- Dr. G. N. R. Prasad's paper entitled "Challenges to Develop Mobile Apps for Farmers" is awarded as the best paper in the oral presentation category of Information and Communications Technologies in a Two day National level Webinar on "Motivational of youth towards Agri-Entrepreneurship and innovative farming" conducted by Jawaharlal Nehru Krushi Viswavidalaya, College of Agriculture, Madhya Pradesh held during 04<sup>th</sup> -05<sup>th</sup> July 2020.
- Mr. M. Kalidas's published a Text /Course material on "Software Engineering & Object Oriented System Development" for PG Diploma students by distance education department of Osmania University in July 2020.
- Mr. P. Krishna Prasad and Mr. M. Ramchander, published a paper entitled "Network Security Threat Models and Solutions towards Programmable Networks" in Alochana Chakra Journal. Impact Factor 6.5 ISSN NO:2231-3990 Volume 9 Issue 6 June 2020 UGC Care Group-1 Journal
- Mr. M. Ramchander and Mr. P. Krishna Prasad, published a paper entitled "Big Data Classification Approaches Towards Improving Traditional Classification algorithms" in Alochana Chakra Journal. Impact Factor 6.5 ISSN NO:2231-3990 Volume 9 Issue 6 June 2020 UGC Care Group-1 Journal.

### <u>From Jan 2019 to 15<sup>th</sup> June 2020</u>

- Mr. D. Jayaram et al., submitted a paper and was accepted in the month of June to present in International Conference on Intelligent Computing in Control and Communication (ICCC 2020) during July 10-11, 2020 enentitled "Intelligent Liver Disease Prediction (ILDP) System using Machine Learning Models".
- Mr. D. Jayaram et al., published a paper entitled "AODV and AntHocNet for Mobile Ad Hoc Networks Performance Evaluation Analysis" in Mukt Shabd Journal (UGC care group-I journal) volume IX, Issue VI, June 2020, pg no:4725-4743.
- Dr. G. N. R. Prasad, published a paper entitled "Implementation of sigmoid function in Logistic Regression" in International Journal of Computer Engineering and Applications IJCEA, ISSN 2321-3469, Vol XIII, Special Issue, May, 2020.
- Dr. B. Indira, got merit certificate in a 5-day online Faculty Development programme on "Hands on FDP: Data Science Using Python", organized by Dept. of Information Technology of Jeppiaar Institute of Technology in the month of May 2020.
- Mr. M. Ramchander as one of the coordinators, organized a 5-day National level FDP program on "Artificial Intelligence", by departments of CSE, IT and MCA of CBIT in collaboration with Brain-O-Vision India Pvt. Ltd. During 22<sup>nd</sup> -26<sup>th</sup> May 2020.

- Mr. D. Jayaram etc., published a paper enentitled "Text Extraction from Hoardings by Hybrid Model" in International Journal of Engineering and Advanced Technology (IJEAT), ISSN: 2249-8958 (Online), Volume-9 Issue-4, April 2020, Page No. 73-80.
- Dr. G. N. R. Prasad, published a paper titled "Possible prevention of COVID-19 by behavioral change and hygienic habits of Indian population as well as its climate" in Adalya Journal – Web of Science Group and UGC Care Journal, volume 9, Issue 4, April 2020.
- Dr. D. Laxmi Sreenivasa Reddy, published a paper entitled "A mining framework of CO-PO attainment using deep learning techniques" in IJITEE, March 2020.
- Dr. D. Laxmi Sreenivasa Reddy, published a paper entitled "A systematic review on learners learning behavior" in the Journal Sustainable Humanosphere, Feb 2020.
- > Dr. G. N. R. Prasad has been nominated as a reviewer for the below three journals
  - International Journal of New Innovations in Engineering and Technology (UGC Approved Journal – 47645)
  - International Research journal of modernization in Engineering technology and Science.
  - o Advances in Science, Technology and Engineering Systems Journal
- Dr. B. Indira got membership in International Association of Engineers (IAENG) in February 2020.
- Dr. B. Indira, Ms. T.S. Praveena and team got runner up in Throwball Event Conducted in annual sports meet – SHRUTHI 2020 in Feb 2020.
- Dr. B. Indira completed and submitted UGC Minor Research Project worth Rs. 2,13,500 in January 2020.
- Dr. B. Inidra, got a patent with Application Number: 201911050942 and entitled "Medical Problems Detection Using Machine Learning Techniques", Publication Date 20<sup>th</sup> December 2019.
- Mr. M. Kalidas, published a paper entitled "Assessment of Optical Character Recognition Techniques for Hindi Language" in International Journal of Innovative Research in Science, Engineering and Technology. Vol. 8, Issue 12, December 2019 Peer Reviewed Journal-ISSN(Online): 2319-8753 ISSN (Print): 2347-6710.
- Dr.B.Indira and Dr. D. Lalitha Devi published a paper entitled "Students Response Towards ICT Based Education Among Various Schools and Colleges in Hyderabad-A Case Study" in International Journal of Scientific Research, Impact Factor 4.321, ISSN2277-8179,, pp. 184-187, Vol. 8, Special Issue 12, December, 2019.
- Dr G. N. R. Prasad prepared study material for the MBA IT Course of B. R. Ambedkar Open University.
- G.N.R. Prasad was awarded **Ph.D** in the month of November 2019.
- A.Jyothi and Dr. B. Indira Published a paper entitled "An Automated VM Security Framework for Live Migration" in International Journal of Innovative Technology and Exploring Engineering (IJITEE), Impact Factor 6.088, ISSN : 2278 -3075, pp. 2029-2037, Vol. 8, Issue 11, September, 2019 (Scopus Indexed).

- Dr. D. Laxmi Sreenivasa Reddy "Fuzzy Neural Network Based PID Control System and Method Thereof for Industrial Process Control", Indian Patent application number – 201941024479 (Date of filing : 20-06-2019).
- Arati Kothari and Dr. B. Indira published a paper entitled "A Unique Six Sigma Based Segmentation technique for Brain Tumor Detection and Classification using Hybrid CNN-SVM Model" in International Journal of Recent Technology and Engineering (IJRTE), Impact Factor 5.92, pp 35-40, ISSN. 2282-2287, Vol. 8, Issue 2, July, 2019. (Scopus Indexed).
- Total 22 number of Research Papers Published by various Faculty members in National & International Journals since Jan 2019.

### **Student Achievements:**

#### From 1<sup>st</sup> October to 31<sup>st</sup> October 2020

Ankitha Samineni is certified by KaaShiv has done Data Science Internship for 20 days and completed the training successfully with the Grade 'A' in the month of October, 2020.

### From 1<sup>st</sup> August to 31<sup>st</sup> August 2020

- Mahesh Baswaraj has completed Internship programme from Exposys Data Labs on "Data Science" from 26<sup>th</sup> June to 26<sup>th</sup> July, 2020.
- Baswaraj Mahesh has successfully undergone a summer training & Internship of 6 Weeks on "Machine Learning with AI using Python" along with project on "Restaurant Reviews" from 27<sup>th</sup> April to 08<sup>th</sup> June, 2020 with Knowledge Solutions India.

# From 16<sup>th</sup> June 2020 to 31<sup>th</sup> July 2020

- Priyanka Kuntala has successfully completed "Data Analytics Consulting Virtual Internship" on 21<sup>st</sup> July 2020, the course offered by InsideSherpa in association with KPMG.
- Deepthi Pinnamreddy has successfully completed "Cyber@ANZ Program" on 07<sup>th</sup> July 2020. It was offered by InsideSherpa in association with ANZ.
- Pasala Divya Jyothi has successfully completed her internship with the CodeQuest and has worked on TIC-TAC-TOE project using Python development during 1<sup>st</sup> June 2020 to 30<sup>th</sup> June 2020.
- Dhanush Reddy has completed "Software Engineering Virtual Experience" on 26<sup>th</sup> June 2020, offered by InsideSherpa in association with JP Morgan Chase & Co.
- Rushikeswara Rao Tulala has completed the course "Software Engineering Virtual Experience" on 24<sup>th</sup> June 2020, offered by InsideSherpa in association with JP Morgan Chase & Co.
- Appidi Sanjay has completed the course "Software Engineering Virtual Experience" on 24<sup>th</sup> June 2020, offered by InsideSherpa in association with JP Morgan Chase & Co.

- Alekhya Rumandla has completed the course "Software Engineering Virtual Experience" on 24<sup>th</sup> June 2020, offered by InsideSherpa in association with JP Morgan Chase & Co.
- Alekhya Rumandla has successfully completed an Internship programme on "Web Developer" in Exposys Data Labs from 26<sup>th</sup> May 2020 to 24<sup>th</sup> June 2020.
- Deepali Deherial has completed "Accenture Discovery Program" on 21<sup>st</sup> June 2020, offered by InsideSherpa in association with Accenture.
- Deepali Deherial has completed "Technology Consulting Virtual Internship" on 21<sup>st</sup> June 2020, offered by InsideSherpa in association with Deloitte.
- Ankit Kumar Pradhan has successfully completed internship programme on "Web Developer" in Exposys Data Labs from 20<sup>th</sup> May 2020 to 20<sup>th</sup> June 2020.
- Deepali Deherai has successfully completed internship programme on "Web Developer" in Exposys Data Labs during 20<sup>th</sup> May 2020 to 20<sup>th</sup> June 2020.
- Anjali Kumari has successfully completed internship programme on "Web Developer" in Exposys Data Labs from 20<sup>th</sup> May 2020 to 20<sup>th</sup> June 2020.
- Lohit Kumar Roy has successfully completed internship programme on "Web Developer" in Exposys Data Labs during 20<sup>th</sup> May 2020 to 20<sup>th</sup> June 2020.
- Ankit Pradhan has completed "Technology Consulting Virtual Internship" on 20<sup>th</sup> June 2020 from InsideSherpa in association with Deloitte.

# From Jan 2019 to 15<sup>th</sup> June 2020

- Mahesh Baswaraj, completed "Software Engineering Virtual Experience" on 14<sup>th</sup> June 2020 and offered by InsideSherpa in association with JPMorgan Chase & Co.
- B. Karthik SaiKumar Reddy, successfully completed Accenture Discovery Program, conducted by InsideSherpa on 12<sup>th</sup> June 2020.
- ➢ B. Karthik SaiKumar Reddy, successfully completed Software Engineering Virtual Experience, conducted by InsideSherpa on 12<sup>th</sup> June 2020.
- Dhanush Reddy, completed "Accenture Discovery Program" on 06<sup>th</sup> June 2020. This was offered by InsideSherpa in association with Accenture.
- Dhanush Reddy has completed "Technology Consulting Virtual Internship" on 06<sup>th</sup> June 2020. The course was offered by InsideSherpa in association with Deloitte.
- Appidi Sanjay has completed "Technology Consulting Virtual Internship" on 29<sup>th</sup> May 2020. The course offered by InsideSherpa in association with Deloitte.
- Alekhya Rumandla has completed "Technology Consulting Virtual Internship" on 30<sup>th</sup> May 2020. The course offered by InsideSherpa in association with Deloitte.
- Appidi Sanjay has completed "Accenture Discovery Program" on 30<sup>th</sup> May 2020. The course offered by InsideSherpa in association with Accenture.
- Priyanka Kuntala has completed the course "Software Engineering Virtual Experience" on 13<sup>th</sup> May 2020, offered by InsideSherpa in association with JP Morgan Chase & Co.
- > 8 MCA second year students doing internships in JP Morgan Chase & Co., Kernel Sphere, Abhyasana IT Solutions etc., as a part of summer interships.

- P. Divya Jyothi got second place in "Shotpot" at Annual Sports meet SHRUTHI-2020 in February 2020.
- S. Sai Charan has won 2<sup>nd</sup> Prize in the event "Chitram Bhalare Vichitram", held as a part of Literati 10.0 during 27<sup>th</sup> and 28<sup>th</sup> February 2020 at Chaitanya Bharathi Institute of Technology.
- 24 MCA final year students got placements till February 2020 in Accenture, Infosys, TCS, J K Technosoft, Ginger Board etc.
- ▶ 03 MCA students secured Internships in Spyry Company.
- > 02 MCA students secured Internships in Infosys.
- MCA students visited National Remote Sensing Agency (NRSA) outreach Jeedimetla, Hyderabad on 23<sup>rd</sup> April 2019.