

Achievements

Staff Achievements:

From 1st March to 31st March 2022

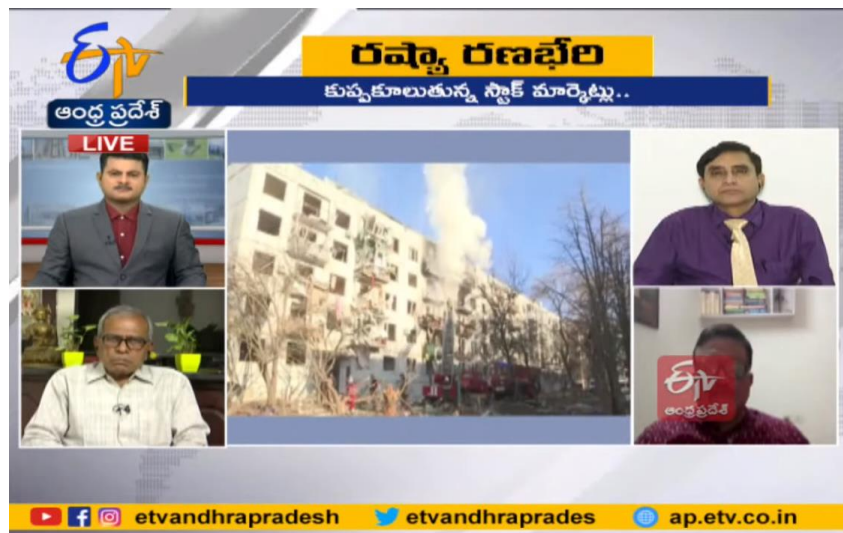
- Dr. G. N. R. Prasad has presented a short length paper with the title “**Applying Principle Component Analysis in the present Pandemic Situation**” in the International Conference on Communication, Computing and Data Security (IC-CCDS – 2022) organized during 25th & 26th February 2022 at Thakur College of Engineering and Technology, Kandivalli(E), Mumbai.
- Dr. G. N. R. Prasad has presented a short length paper with the title “**A Review on the various Technical Issues Involved in an Online Learning**” in the International Conference on Communication, Computing and Data Security (IC-CCDS – 2022) organized during 25th & 26th February 2022 at Thakur College of Engineering and Technology, Kandivalli(E), Mumbai.
- Dr. G. N. R. Prasad has presented a short length paper with the title “**Students Marks Prediction using Linear Regression Technique**” in the International Conference on Communication, Computing and Data Security (IC-CCDS – 2022) organized during 25th & 26th February 2022 at Thakur College of Engineering and Technology, Kandivalli(E), Mumbai.

From 1st January to 28th February 2022

- Dr. G. N. R. Prasad has presented a paper entitled “**X3DOM Framework for Rendering Techniques**” in the International E-Conference (CVRU-CON 2022) on the Ancient Indian Knowledge System for Holistic Development on 28th February 2022.
- Mr. Ramesh Ponnala has delivered a Session on “**Python Programming**” as part of Swecha Exam preparation classes and their efforts towards helping the students to clear their doubts in exam preparation in the month of February 2022.
- Mr. P. Krishna Prasad has delivered a Session on “**Computer Networks**” as part of Swecha Exam preparation classes and their efforts towards helping the

students to clear their doubts in exam preparation in the month of February 2022.

- Mr. B. Srinivasa S. P. Kumar has delivered a Session on “**Operating Systems**” as part of Swecha Exam preparation classes and their efforts towards helping the students to clear their doubts in exam preparation in the month of February 2022.
- Mr. C. N. V. B. R. Sri Gowrinath has delivered a Session on “**Object Oriented Programming using Java**” as part of Swecha Exam preparation classes and their efforts towards helping the students to clear their doubts in exam preparation in the month of February 2022.
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- Mr. M. Kalidas of MCA dept. participated in a **debate/guest lecture on Russia-Ukraine** issue in E-TV channel on 24th February 2022.



- Dr. G. N. R. Prasad has become **Life member of Computer Society of India** in the month of February 2022.
- Dr. G. N. R. Prasad was selected as a reviewer for the **Journal of Engineering Research and Sciences (JENRS)** under the interdisciplinary applications and Compute Science.
- An online alumni talk on “**The Power of you**” by Mr. Srikanth Gupta, MCA Alumni & functional expertize in cross platform & application connectivity in

REST/SOAP web service was organized by Dr. G. N. R. Prasad on 12th February 2022 for students and staff.

- Dr. G. N. R. Prasad was selected as an editorial board member for the **“International Journal of Progressive Research in Engineering and Management”**.
- Dr. B. Indira’s Research Scholar Dr. Arthi Kothari **has been awarded her Ph.D** in the month of January 2022.
- Dr. G. N. R. Prasad has published a text book entitled, **“Artificial Intelligence and Data Science Engineering”** with ISBN No: 978-93-92992-39-1 in the month of January 2022.

From 1st December to 31st December 2021

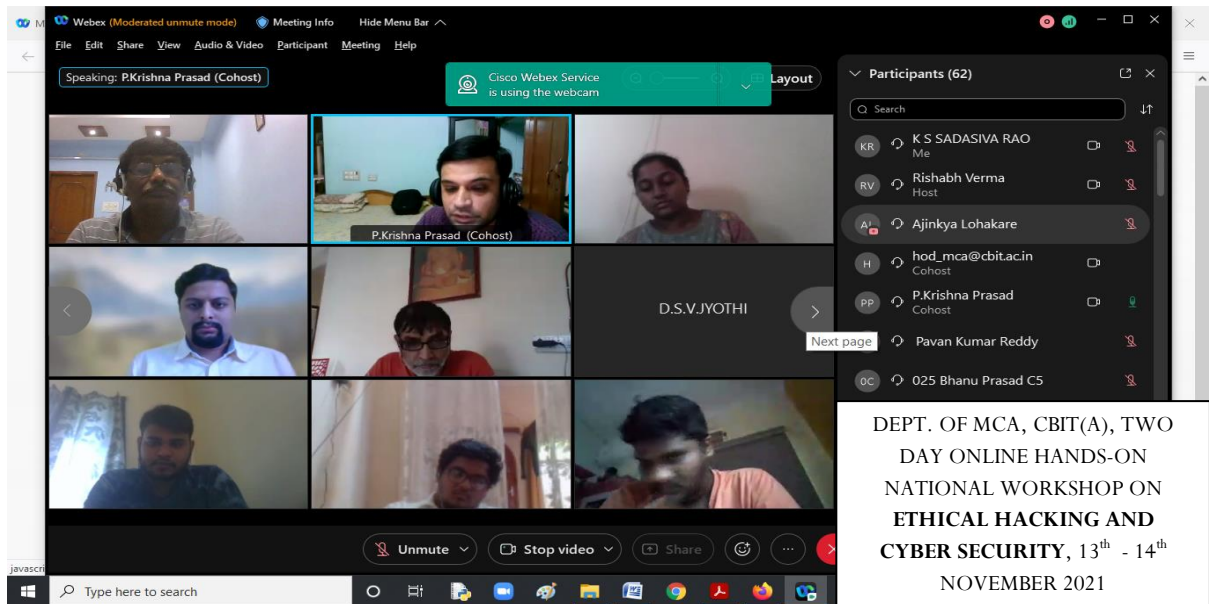
- T. Vamshi Mohana and Baddam Indira published a paper entitled **“Study and Analysis of Impact of Big data on Social Media”**, Journal of XIAN University of Architecture and Technology”, JXAT journal, ISSN 1006-7930, Volume XIII, Issue 12, December 2021, Impact factor 3.7, Page No: 154-168, <https://doi.org/10.37896/JXAT13.12/> (Scopus Indexed).
- Dr. G. N. R. Prasad worked as a Scientific Advisory Committee member for the **“International Conference on Advances in Science, Engineering and Technology (ICASET 2021)”**, organized by Institute For Engineering Research and Publication (IFERP) held on 29th to 30th December 2021.
- Dr. G. N. R. Prasad worked as a Primary Evaluator for **“Toycathon 2021”** conducted by Ministry of Education’s innovation cell, Government of India in the month of December 2021.
- Dr. B. Indira published a paper entitled **“Understanding The Social Media Marketing Strategies and Big Data”**, in Journal of Engineering, Computing & Architecture, ISSN NO:1934-7197, **impact factor 6.1**, VOLUME 11, ISSUE 12, December, 2021. PP 60-67. <http://journaleca.com/Volume-11-Issue-12-DECEMBER-2021/>
- Dr. B. Indira published a paper entitled **“Analysing Different Techniques of Analysing the Large Social Media Information through Big Data Analytics”**,

in GIS SCIENCE JOURNAL, ISSN: 1869-9391, VOLUME 8, ISSUE 12, December, 2021. PP 328-334. <http://www.gisscience.net/VOLUME-8-ISSUE-12-2021/>

- Dr. K. S. Sadasiva Rao et. al., published a paper entitled “**A Survey on Cloud Forensics Frameworks**” in International Journal of Research Culture Society, ISSN: 2456-6683, Vol. 5, Issue – 11, November 2021, pp. 48 – 51. <https://ijrcs.org/wp-content/uploads/IJRCS202111010.pdf>. doi:10.2017/IJRCS.2456.6683.
- Dr. K. S. Sadasiva Rao worked as Session Chair for “**2nd International Virtual Conference on Industry 4.0 (IVCI 4.0) 2021, VIT University – Chennai Campus**” during 09th to 10th December 2021.

From 1st October to 30th November 2021

- Mr. M. Kalidas has delivered his Guest Lecture on “**Software Engineering and UML**” for B.E. CSE and IT 3rd year students at SVIT Engineering College, Hyderabad on 24th November 2021.
- Dr. K. S. Sadasiva Rao participated in Second International Conference Series on “**3R’s Research & Progress – Advances in Animal Models and Cutting-Edge Research in Alternatives**”, organized by FABA during 18th to 19th November 2021.
- Mr. B. Srinivasa S. P. Kumar and Mr. Ramesh Ponnala published a paper entitled “**Analysis and Issues of Artificial Intelligence Ethics in the process of Recruitment**” in IEEE Xplore on 15th November 2021.
- A Two-day Online Hands-on National Workshop on “**Ethical Hacking and Cyber Security**” conducted by the department of MCA during 13th to 14th November 2021. The faculty coordinators for the workshop are Mr. M. Kalidas and Mr. P. Krishna Prasad. The student coordinators for the workshop are Rishab Verma and K. N. Manasa. The resource person for the workshop is Mr. Ajinkya Lohakare, CTO of Ditto Security. Entire department staff and students cooperated to conduct the workshop. Total number of participants registered for the workshop is 455.



- Mr. B. Srinivasa S. P. Kumar and Mr. Ramesh Ponnala participated and presented a paper entitled “**Analysis and Issues of Artificial Intelligence Ethics in the process of Recruitment**” at 2nd International conference on Smart Electronics and Communication (ICOSEC 2021), organized by Kongunadu College of Engineering and Technology, Trichy, India held on 07th to 09th October 2021.
- Dr. B. Indira published a paper entitled “**Organizing IoT Health Care Based On Fog Computing: Corona Tasks Scheduling Based On The Priority**”, in Advances and Applications in Mathematical Sciences Volume 20, Issue 12, October, 2021, Pages 3194-3204 © 2021 Mili Publications, India.

From 1st June to 30th September 2021

- Dr. K. S. Sadasiva Rao presented a paper entitled “**An Image Steganographic Technique using more cover images to Embed the Source Image Data at Random Locations**” in 3rd Research Day conducted by CBIT(A), Hyderabad on 28th August 2021.

- Dr. B. Indira as a faculty Coordinator for MCA conducted the “**Research Day**” (Online) on 28th August 2021. The program was conducted by CBIT(A), Hyderabad.
- Dr. G. N. R. Prasad has rendered his services as a coordinator on “**World Entrepreneurs Day**” held virtually during 21st to 24th August 2021, organized by IIC – CBIT(A) in association with EDC – CBIT(A), Hyderabad, Telangana.
- Dr. B. Indira has attended the International Conference & Symposium on “**Quality Education for Children and Students in Africa: Challenges and Opportunities**” organized by UniversitiGoGlobal(UGG) in partnership with Saint Francis De Sales College, Nagpur from 19th to 21st August 2021.
- Dr. G. N. R. Prasad has appointed as the prestigious editorial / Reviewer board member of “**International Journal of Advanced Research in Technology and Management Sciences (IJARTMS)**”.
- D. Jayaram and J. Shiva sai published a paper entitled “**A Novel Blood Group Detection using Deep Learning**” in Turkish Online Journal of Qualitative Inquiry (TOJQI) Volume 12, Issue 7, July 2021: 5268- 5272.
- Dr. B. Indira et. al., published a paper entitled “**Hydroponics Farming using IOT and Temperature Prediction**” in Pensee International Journal, Volume 51, Issue 7, July 2021, www.penseesearch.com ISSN 0031-477, impact factor 6.0, <https://penseeresearch.com/index.php/vol51issue7-1/>, PP 363-371.
- Dr. G. N. R. Prasad has supported as Session chair in the “**2nd International Conference on Engineering and Advancement in Technology – 2021**”, organized by Lords Institute of Engineering and Technology, Hyderabad in association with Organization of Science & Innovative Engineering and Technology (OSIET), Chennai held on 16th and 17th July, 2021.
- Mr. Ramesh Ponnala and K. Sai Sowjanya, “**Heart Disease Prediction using Machine Learning Techniques**”, International Journal of Scientific Research in Science and Technology (IJSRST), Online ISSN: 2395-602X, Print ISSN: 2395-6011, Volume 8 Issue 4, pp. 42-47, July-August 2021.
- Department of MCA organized a Two-day National Online Workshop on “**Python Programming**” from 16th to 17th July 2021. The resource person is Dr. B. Nagaraju, Asst. Prof., Dept. of CSE, NIT, Nagaland; Dr. B. Indira, Mr. C. N. V. B. R. Sri Gowrinath and Mr. Ramesh Ponnala are the faculty coordinators;

Rishab Verma, Mahesh Sharma and O. Meghana are the student coordinators for the workshop. Entire department staff and students actively participated in the workshop.



సిబిఐటి కళాశాలలో ఎంసీఐ విభాగం పైథాన్ ప్రోగ్రామింగ్ రెండు రోజుల ఆన్లైన్ కార్యక్రమం.

శంషాబాద్:(ఆసుదిన వార్త వికేషిలలో సమగ్ర తెలుగు దిన పత్రిక). రాజ్ కేంపస్ లో నియోజకవర్గం గండిపేట మండల పరిధిలోని సిబిఐటి కళాశాలలో శుక్రవారం రోజు ఎంసీఐ విభాగం లో పైథాన్ ప్రోగ్రామింగ్ పై రెండు రోజుల ఆన్లైన్ కార్యక్రమంను ప్రారంభించారు. ఈ కార్యక్రమానికి ముఖ్యఅతిథిగా నాగలాండ్ ఎన్ఐఐటీ డాక్టర్ నాగ రాజు ముఖ్యఅతిథి గా పాల్గొని పైథాన్ ప్రోగ్రామింగ్ యొక్క ప్రాముఖ్యతను వివరించారు. ఈ కార్యక్రమం మొత్తం కోవిడ్ కారణంగా వర్చువల్ విధానంలో నిర్వహించారు. ఆసంతకం ముఖ్య అతిథి నాగ రాజు



మాట్లాడుతూ పైథాన్ ప్రోగ్రామింగ్ నేర్చుకోవడం చాలా సులభమని వివిధ డేటా నిర్వహణ పద్ధతులకు ఇది ఎంతగానో మద్దతునిస్తుందని తెలిపారు. ప్రస్తుతం పైథాన్ ప్రోగ్రామింగ్ చాలా పరిశోధన సంస్థల లో అందనా కోసం ఉపయోగిస్తున్నారని ప్రముఖంగా కరోనా కేసులు అంచనా మరణాల సంఖ్య ఎన్ని కేసులు పెరుగుతున్నాయి వీరిం అధారిత కరోనా కేసుల విశ్లేషణకు పైథాన్ ను ఉపయోగిస్తున్నారని తెలిపారు. కళాశాల పురోగతి అభివృద్ధి గురించి సిబిఐటి కళాశాల ప్రస్తుత పీఠవీధి రెడ్డి, ఎంసీఐ విభాగం అధికారి డాక్టర్ డి ఎల్ ఎస్ రెడ్డి ఈ కార్యక్రమంలో పాల్గొని విద్యార్థులకు అధ్యాపకులకు తెలియజేశారు. 2 రోజులు జరగనున్న కార్యక్రమంలో భారతదేశం నలుమూలల నుండి దాదాపు తొమ్మిది వందల మంది పాల్గొనున్నారు. ఈ కార్యక్రమంలో వర్చువల్ కోఆర్డినేటర్ డాక్టర్ ఇందిరా, విద్యార్థులు ఇతర సిబ్బంది పాల్గొన్నారు.

The Principal - CBIT, HOD of MCA, Resource Person, Faculty and Participants at the Inaugural(Online) of the Workshop

- Department of MCA in association with R&D, R&E Hub, CBIT(A), Hyderabad organized an Online Technical Quiz **“Techwizz-2021”** on 10th July 2021. The program organizers were Prof. K. S. Sadasiva Rao and Dr. B. Indira.
- Mr. M. Kalidas has invited as technical Speaker on two TV channel debate shows on **“Recent Drone attack on Air force Station Jammu”** in 1st week of July 2021.

- Dr. G. N. R. Prasad published a paper entitled “**Identification of Bloom’s Taxonomy level for the given Question paper using NLP Tokenization technique**” in the Turkish Journal of Mathematics and Computer Education (Scopus), June 2021.
- Dr. G. N. R. Prasad contributed in the peer review process and Member of the Technical Program Committee (TPC) of Springer 9th International Conference on “**Frontiers of Intelligent Computing: Theory and Applications (FICTA 2021)**” , jointly organized by the Departments of Computer Science & Engineering and Electronics & Communication Engineering ,National Institute of Technology Mizoram, India from 25th to 26th June 2021.
- Mr. C. N. V. B. R. Sri Gowrinath et. al., participated and presented a paper entitled “**Triple Authentication approach for accurate Voting system**” in an International Conference on “Innovations in Computers Networks, Computational Intelligence and IoT” (ICICCI-21)” (Online Mode), organized by Department of Computer Science and Engineering, St. Martin’s Engineering College, Secunderabad, Telangana, India on 25th and 26th June, 2021.
- Mr. C. N. V. B. R. Sri Gowrinath et. al., published a paper entitled “**Evaluating Frequency of words and Word Cloud from Astrological sentiments using NLP**” in an International Journal of Scientific Research in Science and Technology, Volume 8, Issue 3, pp: 920-928, Print ISSN: 2395-6011 | Online ISSN: 2395-602X (www.ijrst.com) doi : <https://doi.org/10.32628/IJSRST2183196>.
- Dr. G. N. R. Prasad presented a paper entitled “**A Study on Data Mining Applications in Healthcare Sector**” in the “International Conference on Recent Emerging Science, Engineering & Advanced Research in Communication and Healthcare-2021” (ICRESEARCH-2021), Organized by the Department of Electronics and Communication Engineering & Department of Biomedical Engineering on 4th and 5th June 2021 at Aarupadai Veedu Institute of Technology (AVIT) of Vinayaka Mission’s Research Foundation (VMRF), Paiyanoor, Chennai, India.

From 1st April to 31st May 2021

- Mr. Ramesh Ponnala et. al., “**Software Defect Prediction using Machine Learning Algorithms: Current State of the Art**”, Journal of Solid State Technology (**SCOPUS**), Volume 64, Number 2, pp: 6541-6556, ISSN: 0038-111X (Citation Score 0.3), May 2021.
- Dr. G. N. R. Prasad has delivered a guest lecture in Loyola College on “**An introduction to NLP through Python**” 08th May 2021.
- Dr. G. N. R. Prasad has chaired a Session on the track 3 in the 11th International conference on “**SCIENCE AND INNOVATIVE ENGINEERING 2021 (ICSIE)**”, organized by Organization of science and innovative engineering and technology (OSIET), Chennai in association with prince Jawahar Engg engineering college, Chennai on 02nd May 2021.
- Dr. G. N. R. Prasad presented a paper on “**Analysis of student performance using Bloom’s Taxonomy**” in the National Symposium on the “**Enhancing Quality & Driving Change in Higher & Technical education through NEP-2020**”, conducted by Thakur College of Engg. and Technology, Maharashtra on 27th April 2021.
- Dr. B .Indira has successfully completed participatoin in “**The Guinness World Record Event – Most users to take an online computer programming lesson in 24 hours**” on 24th April 6PM to 25th April 6PM.
- Dr. D. Lakshmi Sreenivasa Reddy et. al., organized an Online Webinar on “**Challenges and Benefits of Artificial Intelligence**”, conducted by the department of IT, CBIT(A), Hyderabad on 24th April 2021. MCA department faculty and students participated in this Webinar.
- Dr. G. N. R. Prasad has nominated as a Scientific Advisory committee member for the **International Conference on Advances in Science, Engineering and Technology (ICASET-2021)** which is going to be conducted during 21st to 22nd May 2021 at KSRM College of Engineering, Andhra Pradesh in Association with Institute For Engineering Research and Publication (IFERP).
- Dr. B. Indira became an **I2OR Ed-Tech** community member with effect from April 2021.

- Dr. G. N. R. Prasad has chaired a Session on the track “**Computing**” in the 9th International Conference on Contemporary Engineering and Technology organized by Organization of Science and Innovative Engineering and Technology (OSIET), Chennai in association with prince Shri Venkateshwara Padmavathy engineering college, prince K. Vasudevan College of Engineering and Technology (Affiliated to Anna University) held during 10th and 11th April 2021.
- Dr. G. N. R. Prasad presented a paper entitled “**Identification of Bloom’s Taxonomy level for the given Question paper using NLP Tokenization technique**” in the 2nd International conference on “**Information , Communication and Networking (eICICN21)**” conducted by Department of Information Technology , Easwari Engineering College, Ramapuram, Chennai during 09th to 10th April 2021.
- An International Conference on “**Emerging Trends in Circuit-branch Technologies and Applications (ETCTA-2021)**” was conducted by five branches of CBIT(A), Hyderabad during 03rd and 04th April 2021. Dr. K. S. Sadasiva Rao and Dr. G. N. R. Prasad worked as organizers for the conference from the department of MCA and entire department faculty participated in this conference.
- Dr. D. Lakshmi Sreenivasa Reddy et. al., presented a paper entitled “**Implementation of a Privacy based Deep Learning Algorithm for Medical Data Analytics**” in the International Conference on “**Emerging Trends in Circuit-branch Technologies and Applications (ETCTA-2021)**”, conducted by CBIT(A), Hyderabad during 03rd and 04th April 2021.
- Dr. D. Lakshmi Sreenivasa Reddy et. al., presented a paper entitled “**The Deep Learning Algorithm for Animal Detection**” in the International Conference on “**Emerging Trends in Circuit-branch Technologies and Applications (ETCTA-2021)**”, conducted by CBIT(A), Hyderabad during 03rd and 04th April 2021.
- Dr. G. N. R. Prasad et. al., presented a paper entitled “**Intelligent Analysis Tool for Examination Questions according to Bloom’s Taxonomy**” in the International Conference on “**Emerging Trends in Circuit-branch**

Technologies and Applications (ETCTA-2021)", conducted by CBIT(A), Hyderabad during 03rd and 04th April 2021.

- Dr. B. Indira attended and acted as Co-Chairperson for a session on "**Artificial Intelligence and Deep Learning**" in the International Conference on "**Emerging Trends in Circuit-branch Technologies and Applications (ETCTA-2021)**", conducted by CBIT(A), Hyderabad during 03rd and 04th April 2021.
- Dr. B. Indira et. al., presented a paper entitled "**Smart Farming using IoT and Machine Learning**" in the International Conference on "**Emerging Trends in Circuit-branch Technologies and Applications (ETCTA-2021)**", conducted by CBIT(A), Hyderabad during 03rd and 04th April 2021.
- Mr. M. Kalidas et. al., presented a paper entitled "**A Survey on Speaker Diarization Techniques**" in the International Conference on "**Emerging Trends in Circuit-branch Technologies and Applications (ETCTA-2021)**", conducted by CBIT(A), Hyderabad during 03rd and 04th April 2021.

From 1st March to 31st March 2021

- Dr. G. N. R. Prasad has reviewed a paper entitled "**Social Distance Detection with AI (An Android Mobile Application)**" in the International Research Journal of Modernization in Engineering Technology and Science for the volume 3 Issue 3 March 2021.
- Dr. G. N. R. Prasad reviewed a paper entitled "**Automatic News Headlines Generator Using Python**" in the International Research Journal of Modernization in Engineering Technology and Science for the volume 3 Issue 3 March 2021.
- Dr. G. N. R. Prasad reviewed a paper entitled "**Traffic Sign Recognition Using Le-Net Classification**" in the International Research Journal of Modernization in Engineering Technology and Science for the volume 3 Issue 3 March 2021.
- Dr. G. N. R. Prasad has become a member of the **International Association of Engineers**.
- Dr. G. N. R. Prasad has become an Editorial board member for **International Journal of Advanced Engineering and Nano Technology (IJAENT)**, a

periodical journal publishing by the Blue Eyes Intelligence Engineering and Sciences Publication (BEIESP).

- Dr. G. N. R. Prasad received a certificate of appreciation from the journal **International Research Journal of Modernization in Engineering Technology and Science (IRJETS)** for the successful completion of **4 high-quality peer reviews** of research articles in the month of January-February 2021 for the journal International Research Journal of Modernization in Engineering Technology and Science.
- Mr. M. Kalidas conducted a One-day Hands on workshop on **“Implementation of UML Diagrams”** for a case study **“Railway Reservation System”** for MCA second and final year students of MCA, Loyola Academy, Secunderabad on 07th March, 2021.

From 1st January to 28th February 2021

- Mr. D. Jayaram and Mr. M. Ramchander organized an Online Webinar on **“Handling Big Data with Deep Learning”** in the department of MCA, CBIT(A), Hyderabad on 27th February, 2021.
- Dr. G. N. R. Prasad reviewed a paper titled **“Recommendation System for Movies using Knowledge Base”** in the International Research Journal of Modernization in Engineering Technology and Science for the volume 3 Issue 2 in the month of February 2021.
- Mr. M. Kalidas delivered an Online Guest Lecture on the subject **“Object Oriented Analysis and Design”** for MCA second and final year students of MCA, Loyola Academy, Secunderabad on 07th February, 2021.
- Dr. G. N. R. Prasad reviewed a paper entitled **“Performance Analysis of Machine Learning Algorithms for Chronic Kidney Disease”** in the **International Research Journal of Modernization in Engineering Technology and Science** for the Volume 3, Issue 2, in the month of February 2021.
- Dr. G. N. R. Prasad has delivered an Online Guest Lecture on **“Natural Language Processing”** for K.G. Reddy students on 19th January 2021.

- Mr. D. Jayaram and et. al., published a paper entitled “**Intelligent Liver Disease Prediction (ILDLP) System Using Machine Learning Models**”, in Springer, Page no 609 to 625, on 5th January, 2021.
- Mr. D. Jayaram and et. al., published a paper entitled “**Probabilistic Neural Network-based Model for Identification of Parkinson’s Disease by using Voice Profile and Personal Data**”, in the **Arabian Journal for Science and Engineering** (i.e in Scoups & Web of Science (SCI)) on 03rd January, 2021.
- Dr. G. N. R. Prasad published an article entitled “**A Review of Predictive and Descriptive Data Mining Techniques in Higher Education Domain**” in the **International Journal of Computer Engineering and Applications**, Volume XIII, Issue VI, ISSN 2321-3469 January 2021, www.ijcea.com .

From 1st November to 31st December 2020

- Dr. B. Indira participated in an International Conference **CHSN2020** and presented a paper entitled “**Organizing IOT Health Care Based on FOG Computing: Corona Tasks Scheduling Based on the Priority**”, organized by JNTU, Kakinada, AP, India, during 28th to 29th December, 2020.
- Dr. G. N. R. Prasad published an article entitled “**FARMER SAATHI**”, in the **International Journal of Computer Engineering and Applications**, Volume XIII, Issue VI, ISSN 2321-3469, December 2020, www.ijcea.com .
- Mr. B. Srinivasa S. P. Kumar et. al., published a paper entitled “**Aspects of Machine Learning: Concept Learning, Support Vector Machines, and Graphical Models**” in the **International Journal of Analytical and Experimental Modal Analysis**, ISSN No: 0886-9367, Volume XII, Issue XII, December 2020.
- Dr. G. N. R. Prasad participated and presented a paper entitled “**Towards a cloud based knowledge management system for online learning**”, in the **4th National online conference on “ Advances in Information technology and computing**”, conducted by Sreenidhi Institute of science and technology during 22nd to 23rd December, 2020.
- Dr. G. N. R. Prasad published an article entitled “**Visualizing Network Path and Data Link Activity in Mobile Adhoc Network by using Inet**”, in the

International Journal of Computer Engineering and Applications, Volume XIII, Issue VI, ISSN 2321-3469, December, 2020, www.ijcea.com .

- Mr. B. Srinivasa S. P. Kumar published a paper entitled “**A Review towards Evaluating Spectrum Resources to Satisfy IoT needs**” in the International Journal of Analytical and Experimental Modal Analysis, ISSN No: 0886-9367, Volume XII, Issue XII, December 2020.
- Dr. G. N. R. Prasad delivered an Expert Lecture on the topic “**Trends and Methods of Deep Learning**” in the AICTE Training And Learning (ATAL) Academy Online FDP on “**Internet of Things (IoT)**” held during 07th to 11th December 2020 at Sridevi Women’s Engineering College, Hyderabad.
- Dr. G. N. R. Prasad published a paper entitled “**The COVID-19 Pandemic’s Impact on Cloud Storage**” in the **International Journal of Computer Engineering and Applications**, UGC Approved journal Volume XIII, Issue VI, November - 2020 ISSN 2321-3469.
- 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 4th International Conference on Electronics, Communications and Aerospace Technology (ICECA – 2020), organized by RVS Technical campus, Coimbatore, India on 05th to 07th 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 1st October to 31st October 2020

- Mr. M. Kalidas has presented paper with title “**Edge Computing**”, in a Two-day session virtual conference from 17th to 18th October, 2020 on **International Conference on Emerging Trends in Information Technology**, organized by ILS & ICJEA.
- Dr. G. N. R. Prasad has 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^h to 18th 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 17th to 18th 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^h to 18th 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 09th to 10th 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 08th to 09th 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)**.

From 1st September to 30th 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 1st August to 31st 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 22nd – 23rd 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 3rd 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 08th – 09th 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 07th - 08th 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 5th - 7th August 2020.

From 16th June 2020 to 31th July 2020

- Dr. B. Indira, delivered a guest lecture on “**Data Structures – Trees**” on 27th 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 21st -22nd, 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 18th -19th 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 10th -11th 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 03rd 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 03rd 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 04th -05th 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.

From Jan 2019 to 15th June 2020

- 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 entitled “**Intelligent Liver Disease Prediction (ILDPA) 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 Mukta 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.
- Mr. B. Srinivasa S. P. Kumar et. al., published a paper entitled “**A Conceptual Model of Hybrid Recommender using Big Data and Machine Learning Approach**” in International Journal of Scientific Research in Science and Technology (IJSRST), ISSN 2395-6011, Volume 7, Issue 3, pp. 97-102, May-June 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 22nd -26th May 2020.
- Mr. D. Jayaram etc., published a paper entitled “**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.
 - 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. Indira, got a patent with Application Number: 201911050942 and entitled “**Medical Problems Detection Using Machine Learning Techniques**”, Publication Date 20th 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 :

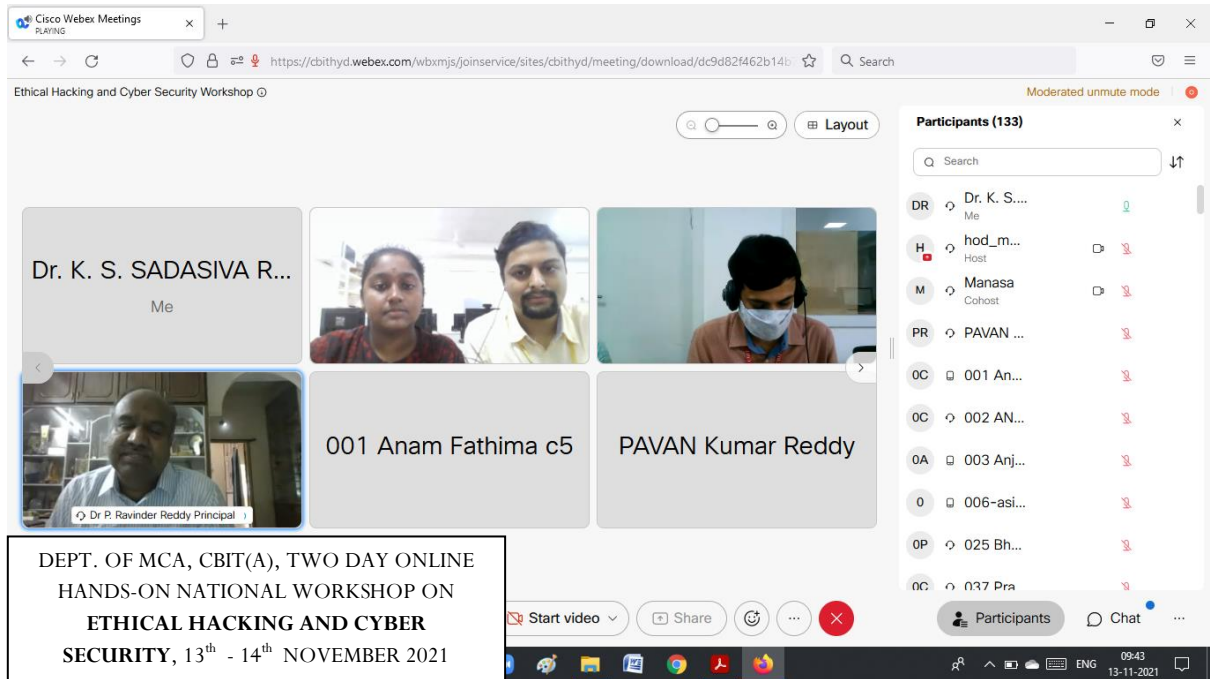
2278 -3075, pp. 2029-2037, Vol. 8, Issue 11, September, 2019 (Scopus Indexed).

- 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 1st January 2021 to 31st October 2021

- Ch. Sathish got **Gold medal** in the **Kumite Event** in 12th Dhammika Kai Cup Karate Championship at Shri Ram Dharmasala, Rohtak, Haryana, organized by All India Dhammika Kai Karate Federation affiliated with Karate Association of India from 23rd to 24th October 2021.
- A Two-day Online Hands-on National Workshop on “**Ethical Hacking and Cyber Security**” conducted by the department of MCA during 13th to 14th November 2021. The student coordinators for the workshop are Rishab Verma and K. N. Manasa. The resource person for the workshop is Mr. Ajinkya Lohakare, CTO of Ditto Security.



- Gaddameedi Vishwakumar has successfully completed the requirements to be recognized as a **Microsoft Technology Associate** for “**Introduction to Programming using JavaScript**”, on 09th July 2021
- Rishab Verma has successfully completed with an exceptional performance in the program “T-Tribe LaunchPad Program 2019-20” in the month of July 2021, organized by T-Tribe, A T-Hub Initiative.
- Rishab Verma has completed an Internship programme on “**Web Developer**”, organized by Exposys Labs from 31st May to 30th June 2021.
- U. Bhavani et. al., presented a paper entitled “**Intelligent Analysis Tool for Examination Questions according to Bloom’s Taxonomy**” in the International Conference on “**Emerging Trends in Circuit-branch Technologies and Applications (ETCTA-2021)**”, conducted by CBIT(A), Hyderabad during 03rd and 04th April 2021.
- K. Sandeep et. al., presented a paper entitled “**Smart Farming using IoT and Machine Learning**” in the International Conference on “**Emerging Trends in Circuit-branch Technologies and Applications (ETCTA-2021)**”, conducted by CBIT(A), Hyderabad during 03rd and 04th April 2021.
- Ch. Satish has participated in the **Individual Kumite** event in **18-20 Years (Black) “A” group** and has won the 1st place in the “**NIJI SHOTOKAN National**

Open Karate Championship-2021", conducted at Swarna Bharathi Stadium, Visakhapatnam and organized by Naidu's Self Defence Academy during 12th to 14th February, 2021.

- Ch. Satish has participated in the **Individual Kata** event in **18-20 Years (Black Belt) group** and has won the IIIrd place in the "**NIJI SHOTOKAN National Open Karate Championship-2021**", conducted at Swarna Bharathi Stadium, Visakhapatnam and organized by Naidu's Self Defence Academy during 12th to 14th February, 2021.

From 1st August to 31st December 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.
- Mahesh Baswaraj has completed Internship programme from Exposys Data Labs on "**Data Science**" from 26th June to 26th July, 2020.

From 16th June 2020 to 31th July 2020

- Priyanka Kuntala has successfully completed "Data Analytics Consulting Virtual Internship" on 21st July 2020, the course offered by InsideSherpa in association with KPMG.
- Deepthi Pinnamreddy has successfully completed "Cyber@ANZ Program" on 07th 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 1st June 2020 to 30th June 2020.
- Dhanush Reddy has completed "Software Engineering Virtual Experience" on 26th June 2020, offered by InsideSherpa in association with JP Morgan Chase & Co.

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

From Jan 2019 to 15th June 2020

- Mahesh Baswaraj, completed “Software Engineering Virtual Experience” on 14th 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 12th June 2020.

- B. Karthik SaiKumar Reddy, successfully completed Software Engineering Virtual Experience, conducted by InsideSherpa on 12th June 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 27th April to 08th June, 2020 with Knowledge Solutions India.
- Dhanush Reddy, completed “Accenture Discovery Program” on 06th June 2020. This was offered by InsideSherpa in association with Accenture.
- Dhanush Reddy has completed “Technology Consulting Virtual Internship” on 06th June 2020. The course was offered by InsideSherpa in association with Deloitte.
- Appidi Sanjay has completed “Technology Consulting Virtual Internship” on 29th May 2020. The course offered by InsideSherpa in association with Deloitte.
- Alekhya Rumandla has completed “Technology Consulting Virtual Internship” on 30th May 2020. The course offered by InsideSherpa in association with Deloitte.
- Appidi Sanjay has completed “Accenture Discovery Program” on 30th May 2020. The course offered by InsideSherpa in association with Accenture.
- Priyanka Kuntala has completed the course “Software Engineering Virtual Experience” on 13th 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 2nd Prize in the event “Chitram Bhalare Vichitram”, held as a part of Literati 10.0 during 27th and 28th 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 23rd April 2019.