Nagarjuna College of Engineering and Technology, Bengaluru.

An Autonomous Institution under VTU, Accredited by NAAC with A+ Grade

Internal Quality Assurance Cell (IQAC)

REPORT ON COLLEGE ACTIVITIES – JUNE 2023.

June 1, 2023

- **Technical Talk on "Role of Engineers in Climate Resilient Action".**

Department of Civil Engineering in association with Association of Consulting Civil Engineers India, IIC, and IGBC organized Technical Talk on "Role of Engineers in Climate Resilient Action" by Prof. V. Jagannatha, Former Manager, Scientist/Engineer SF, ISRO India. Life Member/ Coordinator KRVP, PSF, Mysuru India.

June 2, 2023

- **Dr. Ajaykumar Dwivedi and Dr. Vivek Singh have published a Journal Paper.**

Dr. Ajaykumar Dwivedi and Dr. Vivek Singh, Associate Professors, Department of Electronics and Communication Engineering have published a Journal Paper Entitled "Dielectric Resonator Loaded Two Port Circularly Polarized MIMO Antenna for Sub 6 GHz Band Coverage" published in "2023 IEEE Open Conference of Electrical, Electronic and Information Sciences (eStream)", Vilnius, Lithuania. Publication Type: IEEE Xplore indexed in Scopus & Web of Science. Country: Vilnius, Lithuania.
DOI: https://doi.org/10.1109/eStream59056.2023.10134770

- **Dr. P S Ramesh participated as a Session Chair in Two Days National Conference.**

Dr. P S Ramesh, Professor, Department of Civil Engineering has participated as a Session Chair in two days National Conference on "Recent Multidisciplinary Research in Civil Engineering", NCRMRC-2023 organized by Department of Civil Engineering, Don Bosco Institute of Technology Bengaluru on 2nd June 2023.

- **Dr. Yogeesha H C has participated in "Stay Safe Online Campaign".**

Dr. Yogeesha H C, Professor and Head, Department of Mechanical Engineering has participated in online quiz on "Digital Financial Security" organized as part of "Stay Safe Online (SSO) Campaign" under India's G20 presidency. The Campaign is led by Ministry of Electronics & Information technology (MeitY), Government of India and implemented by C-DAC, Hyderabad as part of ISEA Project Phase-II. This quiz was organized from 1st May to 15th June 2023.

- **Dr. Rohith S has participated in E-Workshop.**

Dr. Rohith S, Associate Professor, Department of Electronics and Communication Engineering has participated in five days E-Workshop on "Scientific Communication for Researchers" conducted by Research and Development Centre, B.M.S College of Engineering, Bangalore during 29th May to 2nd June 2023.

- **Dr. Syed Naimathullah Hussain and Dr. Ajay Kumar Dwivedi have been recognized as Reviewers for IEEE International Conference.**

Dr. Syed Naimathullah Hussain, Professor and Head, Department of CSE (Data Science) and Dr. Ajay Kumar Dwivedi, Associate Professor, Department of Electronics and Communication Engineering have been recognized as the reviewers for AICTE Sponsored "IEEE International conference on Network, Multimedia and Information Technology (NMITCON)", organized by Nitte Meenakshi Institute of Technology, Bengaluru during 1st and 2nd June 2023 in association with IEEE Bangalore Section.

Nagarjuna College of Engineering and Technology, Bengaluru.
An Autonomous Institution under VTU, Accredited by NAAC with A+ Grade
Internal Quality Assurance Cell (IQAC)

June 3, 2023

- **Organized visit to GK Hill View Resort at Kaiwara.**

The institute has organized an Outing for Non- Teaching Staff to GK Hill View Resort at Kaiwara.

June 5, 2023

- **Talk on "Sustainability Solutions for Waste Management" on account of World Environment Day.**

Institution Innovation Cell in association with Internal Quality Assurance Cell (IQAC) has organized an Invited Talk on "Sustainability Solutions for Waste Management" on account of World Environment Day by Mr. Himanshu B, Founder: Everything Recycles Education Consultant, Mentor of Change: Atal Innovation Mission. More than 250 students along with the faculty members participated in the Session. Tree planting is also undertaken as part of the Environmental Day Celebration.

June 6, 2023

- **The Department of ISE organized farewell function.**

The Department of Information Science and Engineering organized Farewell Function VIGAMA-2023 for the final year students - 2019-2023 batch on June 6th 2023.

June 7, 2023

- **Students Presentation on the Topic of Cloud Computing**

As a part of Teaching Learning Process, 6th semester CSE (Artificial Intelligence and Machine Learning) department organized student presentations on the topics of Cloud Computing.

Nagarjuna College of Engineering and Technology, Bengaluru.
An Autonomous Institution under VTU, Accredited by NAAC with A+ Grade
Internal Quality Assurance Cell (IQAC)

June 8, 2023

- ### Club Activities organized.

NCET has conducted various Club Activities such as Dance, Photography, Music and Sports Club activities on 8th June 2023.

- ### Dr. Sanjeevakumar M.Hatture has published a Journal Paper.

Dr. Sanjeevakumar M.Hatture, Professor and Head, Department of Information Science and Engineering has published Journal titled "Learning Polarity Embedding Attention for Aspect-based Sentiment Analysis" published in the International Journal on Artificial Intelligence Tools, World Scientific Publishers, an SCI Journal, Quartile Q3, indexed in Web of Science, DBLP and Scopus with Impact Factor: 1.059. DOI: https://doi.org/10.1142/S0218213023500549

- ### Dr. Amaresh Gunge has been recognized as Reviewer.

Dr. Amaresh Gunge, Associate Professor, Department of Mechanical Engineering has completed One Review(s) in 2023 for Journal of Polymers and the Environment.

June 9, 2023

- ### Ms. Ankita Shukla has participated in the Faculty Development Programme.

Ms. Ankita Shukla, Assistant Professor, Department of Information Science and Engineering has participated and Completed One Week AICTE–VTU Joint Teachers Training Programme on "Fundamentals of Data Science & Analytics" from 05th to 09th June 2023 organized by Visvesvaraya Technological University, Centre for PG Studies, VIAT, Muddenahalli, Chikkaballapur (Dist).

- ### Dr. Sarvesha M V and Mr. Ramesh Gowda have completed Faculty Development Programmes

Dr. Sarvesha M. V., COE & Prof. & Head and Dr. Roshini G R, Associate Professor, Department of Mathematics has participated and successfully completed One Week AICTE–VTU Joint Teachers Training Programme on "Fundamentals of Data Science and Analysis" from 6th to 9th June 2023 organized by Visvesvaraya Technological University, Centre for PG Studies, VIAT, Muddenahalli, Chikkaballapur (Dist).

Mr.Ramesh Gowda V B, Senior Assistant Professor, Department of Mathematics has completed "30 days Master Class on Python Programming" at Pantech e-Learning Pvt Ltd, Chennai from 10.05.2023 to 10.06.2023. Dr Roshini G R, Assistant Professor, Department of Mathematics has completed One Week AICTE–VTU Joint Teachers Training Programme on "Introduction to Cyber Security" from 22nd to 26th May 2023 organized by Visvesvaraya Technological University, Centre for PG Studies, VIAT, Muddenahalli, Chikkaballapur (Dist).

Nagarjuna College of Engineering and Technology, Bengaluru.
An Autonomous Institution under VTU, Accredited by NAAC with A+ Grade
Internal Quality Assurance Cell (IQAC)

June 10, 2023

- **Distinguished Alumni Talk on "Overview of the Data Visualization and its Applications & Recent trends in Cyber security and its Applications".**

NCET Alumni Association and Department of DS, AIML, ISE and CSE in Association with IQAC & NCET-IIC organized Distinguished Alumni Talk on "Overview of the Data Visualization and its Applications & Recent trends in Cyber Security and its Applications" by Mrs. Sindhu Srinivas, Associate Director- Cognizant, Bengaluru, and Mr. Shivaprasad, Software Architect, Sense-ops Pvt. Ltd., Bangalore (2005 Batch CSE Alumni) on 10th June 2023 at NCET Auditorium.
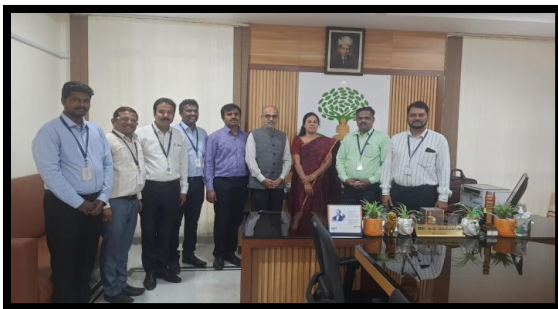
- **Farewell function for outgoing Final year students.**

The institution has organized a Farewell function for all the outgoing final year students of 2019-2023 batch. Kannada Film Star Mr. Karthik Jayaram, greeted the students on this occasion and promoted his upcoming film "IRAVAN" on 10th June 2023. Film Star Mr. Vivek and Director Ram Ranga were also present on the occasion. More than 500 students witnessed the event.

June 15, 2023

- **Club Activities organized.**

The institute has organized various Club Activities such as Dance, Photography, Music, Sports and Theatre club activities on 15th June 2023.
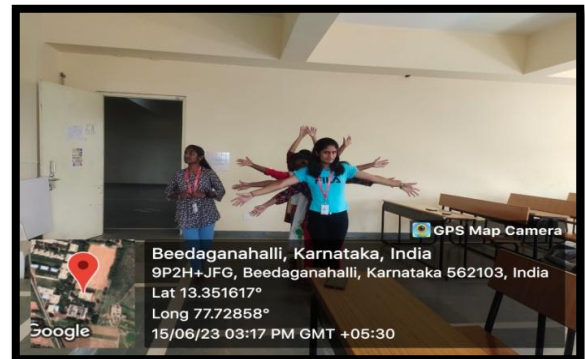
June 16, 2023

- **Dr. Syed Naimatullah Hussain and Team have published a patent.**

Dr. Syed Naimatullah Hussain, Professor and Head, Department of CSE (DS), Mr. Shubhakar M, Assistant Professor, Department of CSE (DS), Mrs. Bugide Sreevidya, Assistant Professor, Department of ECE, Ms. Nethra B R, Mrs. Veena S, Mrs. Sumitha B S, Mr. Mohan D N, Assistant Professors, Department of ISE and Mrs. Vidya,V Assistant Professor, Department of CSE have published a patent titled " Categorization of Infectious Plants Pathogens Severity Level

Nagarjuna College of Engineering and Technology, Bengaluru.
An Autonomous Institution under VTU, Accredited by NAAC with A+ Grade
Internal Quality Assurance Cell (IQAC)

with Supervised Learning Techniques", Application No-202341031767.

- ## Workshop on "IOT & Applications of Embedded Systems Using TI Microcontroller".

Department of Electronics and Communication Engineering in association with EdGate Technologies has organized a workshop on "IOT and Applications of Embedded System using TI Microcontroller" from 14th to 16th June 2023 for 4th semester ECE students at Centralized Computer Lab.

- ## Workshop on "Applications of Embedded Systems Using Ardunio Microcontroller".

Department of Electronics and Communication Engineering in association with DigiToad Technologies organized Workshop on "Applications of Embedded Systems using Ardunio Microcontroller" from 14th to 16th June 2023 for 4th semester ECE students at Language Lab.

- ## Students of CSE Department have won Second prize in Technical Event.

Mr. Madhu Sudhana Reddy, Mr. Puneeth Raj M R, and Mr. Tarun R, Students of CSE department has participated in the Technical Event "Pair Programming and "Tech Scavenger Hunt", Tech Fusion and won Second Prize organized by the Department of Electronics & Communication Engineering, Sri

Venkateshwara College of Engineering in association with IEEE student branch, IEE-EXTREME, IIC and technically sponsored by IEEE Bangalore section held on 16th June 2023.
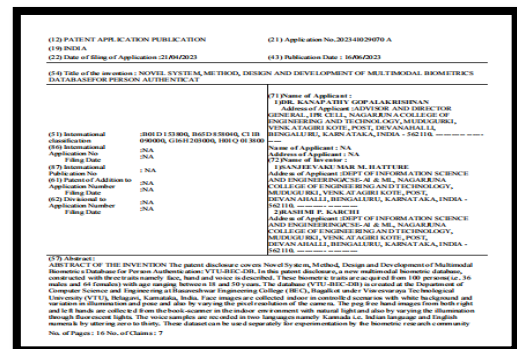

- ## Dr. R Vijayananda and Students of CSE (AIML) department have received "Best Paper Award".

Dr. R Vijayananda, Associate Professor and Head department of CSE (AIML) and Students Kasa Veda Samhitha, Tushar T S, Revanth Raj have participated in the Paper Presentation and won **Best Paper Award (GOLD)** for the Paper entitled "Predictions of Seat Occupancy using ensemble Stacked learning based on Genre of the Movie" at National Conference on Next Generation Intelligence in Electronics & Communication Engineering (NGIEC-2023) on 16th June 2023.

- ## Dr. Sanjeevkumar M Hatture, and Dr. Rashmi P Karachi have published a patent.

Dr. Sanjeevkumar M Hatture, Professor and Head, Department of Information Science and Engineering, and Dr. Rashmi P Karachi, Associate Professor Department of CSE (AIML) have published a patent titled "Novel System, Method, Design and Development Of Multimodal Biometrics Database for Person Authenticat" on 16th June 2023. Application No - 202341029070 A.

- ## Mrs. Jyothi K has published a patent.

Nagarjuna College of Engineering and Technology, Bengaluru.
An Autonomous Institution under VTU, Accredited by NAAC with A+ Grade
Internal Quality Assurance Cell (IQAC)

Mrs. Jyothi K, Assistant Professor, Department of Electronics and Computer Engineering has published a patent titled "System, Method, Design and Development of Advanced Arduino Based Digital Notice Board Using Atmega Microcontroller" on 16th June 2023. Application No- 202341036257

• **Dr. Ajay Kumar Dwivedi and Dr. Vivek Singh have participated in the Faculty Development Programme.**

Dr. Ajay Kumar Dwivedi and Dr. Vivek Singh, Associate Professors, Department of Electronics and Communication Engineering have participated and Completed in One Week AICTE–VTU Joint Teachers Training Programme on "Electronics Circuit design using Lab View" from 12th to 16th June 2023 organized by Visvesvaraya Technological University, Centre for PG Studies, VIAT, Muddenahalli, Chikkaballapur (Dist).

June 17, 2023

• **"Best Paper Presenter" award to Dr. Rohith S, Associate Professor, Department of ECE.**

Dr. Rohith S, Associate Professor, Department of ECE has received the 'Best Paper Presenter' award for paper entitled "Smart Vehicle Parking system on Fog Computing for effective Resource Management" at IEEE International Conference on Applied Intelligence and Sustainable Computing (ICAISC-2023) organized by Shri Dharmasthala Manjunatheshwara College of Engineering and Technology, Dharwad during 16th to 17th June 2023.
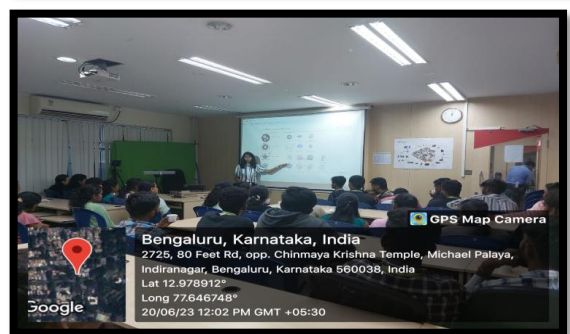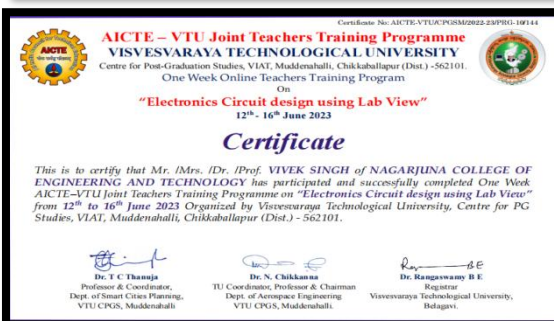

June 20, 2023

• **Industrial Visit to Entuple Technologies Private Limited, Bengaluru.**

Department of Electronics and Communication Engineering in association with NCET-IQAC and IIC organized Industrial visit to Entuple Technologies Private Limited, Bengaluru for 6th semester students on 20th June 2023. More than 45 students along with the faculty members Ms. Sunitha M, Mr. Mahesh M.R and Dr. Rohith S have participated.

• **Technical Talk on "Accelerated Discovery of Novel Materials using Machine Learning".**

Department of Electronics and Communication Engineering in association with R&D organized Technical Talk on "Accelerated Discovery of Novel Materials using Machine Learning" by Dr. Abhishek Kumar Singh, Professor, IISc, Bangalore on 20th June 2023 for 4th semester and 1st semester ECE students.

Nagarjuna College of Engineering and Technology, Bengaluru.
An Autonomous Institution under VTU, Accredited by NAAC with A+ Grade
Internal Quality Assurance Cell (IQAC)

June 21, 2023

- **NCET Celebrated International Yoga Day.**

NCET celebrated International Yoga Day on 21st June 2023 at NCET Campus. More than 400 students along with the faculty members participated in the event.

- **Dr. Nagesh K N has published a Journal Paper.**

Dr. Nagesh K N, Professor and Head, Department of Electronics and communication Engineering has published a Journal titled "4-Port MIMO antenna with novel isolator conducting structure for sub-1 GHz/sub-6 GHz and RF-energy harvesting applications" on 21th June 2023.Journal Name: Journal of Electromagnetic Waves and Applications, Taylor & Francis. Impact Factor: 1.438, Quartile: Q2, H Index: 53, DOI: https://doi.org/10.1080/09205071.2023.2224081.

- **Dr. Amaresh Gunge has completed a course on Sustainability Quotient.**

Dr. Amaresh Gunge, Assistant Professor, Department of Mechanical Engineering has completed course on Sustainability Quotient by Swiss Learning Exchange (SLX), collective for Sustainable Action on 21st June 2023.

June 24, 2023

- **Orientation Program on Innovation and Entrepreneurship.**

The Institution Innovation Council has organized Orientation Program on Innovation and Enterpreneurship under IIC Mentor-Mentee Programme on 24th June 2023 for all the Faculty members at Main Block Seminar Hall.

- **Mr. Ravi Y V has published a Journal Paper.**

Mr. Ravi Y V, Assistant Professor, Department of Mechanical Engineering has published a Journal paper titled "Physico-Mechanical Property Evaluation and Morphology Study of Moisture-Treated Hemp Banana Natural-Fiber-Reinforced Green Composites" on 24th June 2023. Journal Name: Journal of Composites Science, MDPI, Switzerland. DOI: 10.3390/jcs7070266, Journal Category- Q2.

June 25, 2023

- **Dr. Rohith S and Dr. Ajay Kumar Dwivedi have participated as Session Chairs in 3rd International Conference.**

Dr. Rohith S, and Dr. Ajay Kumar Dwivedi, Associate Professors, Department of Electronics and Communication Engineering have participated as Session Chairs in 3rd International Conference on Intelligence Technologies (CONIT-2023) organized by K.L.E Institute of Technology, Hubballi.

Nagarjuna College of Engineering and Technology, Bengaluru.
An Autonomous Institution under VTU, Accredited by NAAC with A+ Grade
Internal Quality Assurance Cell (IQAC)

NCET Alumni Student won Karnataka Glory Award.

ICONS OF INDIAN BUSINESS KARNATAKA GLORY AWARD 2023 received by our former student Mr. NEELAKANTA of Civil Engineering Department.

June 27, 2023

Placement team visited Clarivate and Crimsonlogic companies.

The Placement team visited Clarivate and Crimsonlogic Companies on 27th June 2023 at Whitefield and met Head HR of the great MNC's to discuss about 2024 Batch Campus hiring, Technical talk and Industrial visits. One student from 2023 batch has placed in Clarivate Company with package of Rs. 8.1 LPA and four students from 2023 batch have placed in Crimsonlogic Company with package of Rs. 5 LPA.

June 30, 2023

Expert Talk on "Antenna Optimization using Machine Learning Concepts".

Department of Electronics and Communication Engineering has organized an Expert Talk on "Antenna Optimization using Machine Learning Concepts" by Dr. Pinku Ranjan, Associate Professor, Department of Electricals and Electronics, Atal Bihari Vajpayee-Indian Institute of Information Technology Management (ABV-IIITM) Gwalior on 30th June 2023. More than 150 students participated in the Talk.

Following Students of Second Semester BE CSE have successfully completed their Course from Infosys Springboard and received the course completion certificates.

Sl. No.	Name of the Student	Course Name
1.	Jhosna A	Basics of Python
2.	K Sai Ram	Basics of Python
3.	K Siddesha	Basics of Python
4.	Kantesh M H	Basics of Python
5.	Kavana G P	Basics of Python
6.	Kavana S	Basics of Python
7.	Keerthana G V	Basics of Python
8.	Keerthana Onkarappa	Basics of Python

Nagarjuna College of Engineering and Technology, Bengaluru.
An Autonomous Institution under VTU, Accredited by NAAC with A+ Grade
Internal Quality Assurance Cell (IQAC)

9.	Kranti Shantveer	Basics of Python
10.	Lavanya N K	Basics of Python
11.	Madan G Moger	Basics of Python
12.	Maulya Naik	Basics of Python
13.	MEGHANATH Y M	Basics of Python
14.	Megharaj T S	Basics of Python
15.	Minchana PD	Basics of Python
16.	Nayana Nayak	Basics of Python
17.	Niranjan Swamy H M	Basics of Python
18.	Niveditha H M	Basics of Python
19.	Paruchuri Khyathi	Basics of Python
20.	Pavani C P	Basics of Python
21.	Pavitra Dugani	Basics of Python
22.	Pooja Jayamurthy	Basics of Python
23.	POORNIMA G	Basics of Python
24.	Prajwal Pandit	Basics of Python
25.	Preetham Gowda	Basics of Python
26.	Preksha Gowda	Basics of Python
27.	Priyanka Chaurasiya	Basics of Python
28.	Priyanka Saloni	Basics of Python
29.	PRIYANSHU Soni	Basics of Python
30.	Rahul S B	Basics of Python
31.	Raja N	Basics of Python
32.	Rajesh N	Basics of Python
33.	Rangaswami	Basics of Python
34.	Rohith P	Basics of Python
35.	Shabaaz Khan	Basics of Python

- **Following Students have successfully completed Online Courses from Great Learning and received the course completion certificates.**

Sl.NO	NAME	COURSE NAME
1.	Jagadeshan V	Data Visualization With Power BI
2.	Rashmi M	Data Science with Python
3.	Rashmi M	Python for Machine Learning
4.	Marineni Niharika	Probability for Data Science
5.	Pavan Kalyan G M	Time Series Analysis Stock Market Prediction Python
6.	Puneeth M G	Data Science Foundations
7.	Chintalaya Gari Chinmai	Data Science Foundations
8.	M Sai Sony	Python for Data Science
9.	Kethe Bharath Kumar	Probability for Data Science
10.	Chaithanya Kumar Reddy	Data Science Foundations
11.	Noorain Saba	Introduction to Data Science
12.	Lalithya Kasireddy	Popular Applications of Data Science
13.	Elluru Sai Mahendra	Data Science Foundations
14.	Subhash C S	Python for Data Science
15.	Y S Manoj Kumar	Network Security
16.	Akshata Gani	Data Science Foundations
17.	Muppalla Mohitha	Data Science Foundations
18.	Sumanth R	Predictive Modeling and Analytics - Regression
19.	Kiran Kumar C H	Artificial Intelligence and Machine Learning Projects
20.	Pooja T V	Introduction to Cyber Crime
21.	Sujitha K	Introduction to Artificial Intelligence
22.	Ramana Gokul K V	Introduction to Data Analytics
23.	Pamisetty Jayavardhan	Data Science Foundations
24.	Aishwarya S	Introduction to Data Science