TECH -TALK

THE BIANNUAL MAGAZINE OF COMPUTER SCIENCE AND ENGINEERING

2021-22 ISSUE-II

DEPARTMENT VISION

"The Computer Science & Engineering aims at providing continuously stimulating educational environment to its students for attaining their professional goals and meet the global challenges."

DEPARTMENT MISSION

- *To develop a strong theoretical and practical background across the computer science discipline with an emphasis on problem solving.*
- *To inculcate professional behavior with strong ethical values, leadership qualities, innovative thinking, and analytical abilities into the student.*
- *Expose the students to cutting edge technologies which enhance their employability and knowledge.*
- *Facilitate the faculty to keep track of latest developments in their research areas and encourage the faculty to foster the healthy interaction with industry.*

About Department

The Department of Computer Science and Engineering at the LBRCE was established in 1998, offers Undergraduate Programs - B. Tech in CSE, CSE (AI&ML), and Post Graduate Program - M. Tech in CSE. The B. Tech (C S E) program was started in the year 1998 with an intake of 40 students and the intake was subsequently increased to 60 students in the year 1999, 90 students in the year 2008, 120 students in the year 2009 and 180 students in the year 2019. The B. Tech (CSE (AI&ML)) program was started in the year 2021 with an intake of 60 students. The M. Tech (Computer Science and Engineering) was started in the year 2008 with an intake of 18 students and present intake is 06 students. Currently, our institute enabled high speed Internet bandwidth of 1720 (1000 + 500 + 200 + 20) Mbps.

PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

UNDERGRADUATE

PEO-I: Pursue higher education, entrepreneurship, and research to compete at global level.

PEO-II: Design and develop products innovatively in the area of computer science and engineering and in other allied fields.

PEO-III: Function effectively as individuals and as members of a team in the conduct of interdisciplinary projects; and even at all the levels with ethics and necessary attitude.

PEO-IV: Serve ever-changing needs of the society with a pragmatic perception.

POSTGRADUATE

PEO-I: To inculcate the investigating and adaptability skills into the students to carryout research on recent trends in Computer Science and Engineering Technology.

PEO-II: To empower the student with the qualities of effective communication, technical document writing, teamwork, lifelong learning attitude, and leadership needed for a successful career.

PEO-III: Enlighten the students on analyzing engineering issues in a broader perspective with ethical responsibility towards sustainable development to satisfy the societal needs.

PEO-IV: Equip the students with all-round knowledge to adapt the evolving technical challenges and changing career opportunities in par with global competency.

Principal's Message

Department of Computer Science & Engineering involves researching, designing, developing in current trends of computing systems. It gave me great satisfaction to know that department has come up with its own magazine, "Tech-Talk". The way they presented it was unique, very creative and hope it will serve as a motivational and technological source for the students to exhibit their inherent talents and improve their skills. I would like to express my appreciation to whole team members of Tech-Talk including faculty coordinators who really made it possible.

Dr. K. Appa Rao
Principal & Professor.

HOD's Message

Dr. D. Veeraiah
Professor & HOD - CSE

I Congratulate the department of CSE, LBRCE for bringing out the prestigious bi-annual magazine, Tech-Talk. I am sure that the magazine will provide a platform for students and faculty members to expand their technical knowledge and sharpen their hidden literary talent and also strengthen all round development of the students. My congratulations to the editorial board who took the responsibility for the arduous task most effectively.

Faculty Research Publications

Efficiency Evaluation of HRF Mechanism on EDoS Attacks in Cloud Computing Services

Abstract:

The conventional DDoS assaults can be transformed into an economic denial of sustainability (EDoS) assaults because of elasticity in the cloud services. This EDoS attacks use the cloud assets for creating administration inaccessibility to the clients. There is a mandate to diminish EDoS assaults. HRF is the most suitable and an effective mechanism to identify and diminish such assaults, in which assailant requests are recognized and dropped preceding arriving at the web server. This paper assesses and examines the cost and performance sway using queuing theory and assess experimental model in terms of key performance metrics which incorporate QoS and cost metrics. Different scenarios appropriate to HRF mechanism are taken into consideration and examined. Performance is compared with existing approaches using game theoretical methodology. To get the systematic solution and calculation of game value, various probabilities of defending techniques and assaulting strategies through numerical outlines are done. Lastly conclusions are drawn.

Author:

Dr. D. Veeraiah,
Professor & HOD – CSE.

An Optimized Fuzzy-Based Resource Allocation for Cloud Using Secured Tabu Search Technique

Abstract:

Cloud computing provides on-demand storage and high-performance computing services. There are many other types of services that virtual machines (VMs) can provide for all your requests, depending on the service provider's request for resources. Increasing energy consumption in cloud data centers is a big problem today. Problems with blockchain technology have affected cloud performance. In this work, selective appropriate terms included using the clock scheduling-based stochastic diffusion search (SDS) and optimized fuzzy-based resource allocation are presented.

Author:

Dr. M Srinivasa Rao,
Professor & Dean.

Forecasting of COVID-19 Using Supervised Machine Learning Models

Abstract:

Machine learning (ML) models have proved significant in forecasting to improve decision-making. Various application domains, including the identification of adverse factors for a hazard, have long used machine learning models. To forecast the problems, several prediction approaches have been used. For a long time, machine learning algorithms have been used in a variety of applications, including detecting negative risk factors. This research demonstrates the ability of machine learning models to predict the number of patients who would be infected by COVID-19, a virus that may pose a danger to humanity. The three standard forecasting models used in this study were Linear Regression, Support Vector Machine (SVM), and Exponential Smoothing. In the next 20 days, each of these models has different types of forecasts, such as cases that are confirmed newly, new deaths, and new recoveries predictions. The results of the study suggest that these models are better used in the most recent COVID-19 analysis. ES performs better all other ones.

Author:

Dr. Y. Vijay Bhaskar Reddy
Associate Professor.

Machine Learning Techniques based Audio Player to Soothe Human Emotions

Abstract:

People in the current world are suffering from lot of stress related diseases due to various reasons. High stress levels may lead to various health hazards like high blood pressure, heart attack etc. One of the stress relief activities is listening to music. If the music played does not suit the current emotion of the listener, it may aggravate stress of the user further. Emotion based music player is a music player based on machine learning techniques which suggests the songs of the playlist based on person's emotions. This paper proposes an emotion-based music player, which suggests songs based on user's various emotions namely happy, sad, angry, and neutral. The application captures the user's photo through web camera and processes the facial image to identify user's emotion using machine learning techniques. Based on the emotion detected, it selects some song to play. The proposed application is more accurate in determining human emotion than existing techniques.

Author:

Dr. Kundeti Naga Prasanthi

Associate Professor.

Faculty Articles

Quantum Computing Makes Waves

Quantum computing is the use of quantum mechanics, such as entanglement and superposition, to perform computations. It uses quantum bits (qubits) in a similar way that regular computers use bits.

Quantum computers have the potential to solve problems that would take the world's most powerful supercomputers millions of years.
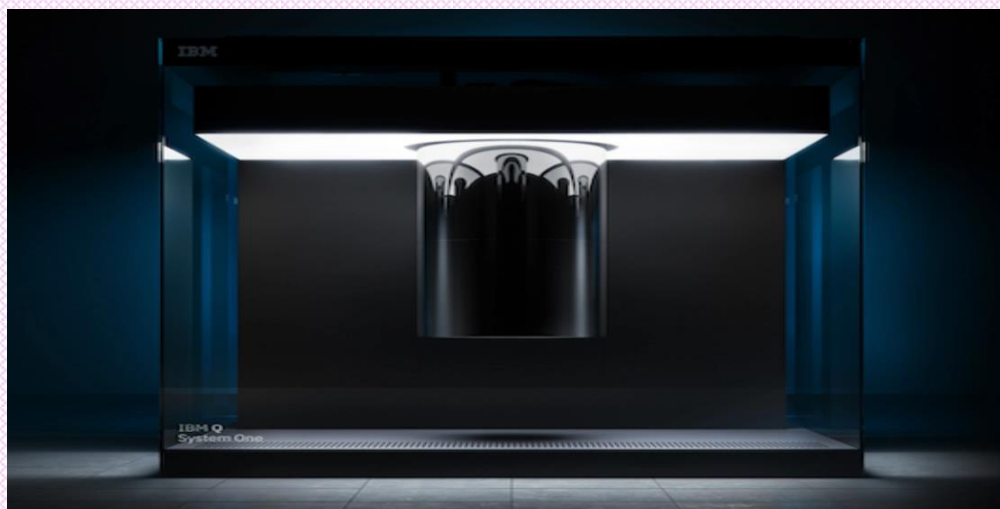
IBM's System One - the first-ever circuit-based commercial quantum computer.

Companies including IBM, Microsoft and Google are all in competition to build reliable quantum computers.

In fact, In September 2019, Google AI and NASA published a joint paper that claimed to have achieved "quantum supremacy".

This is when a quantum computer outperforms a traditional one at a task.

Quantum computers have the potential to completely transform data science.

They also have the potential to accelerate the development of artificial intelligence, virtual reality, big data, deep learning, encryption, medicine and more.

The downside is that quantum computers are currently incredibly difficult to build and sensitive to interference.
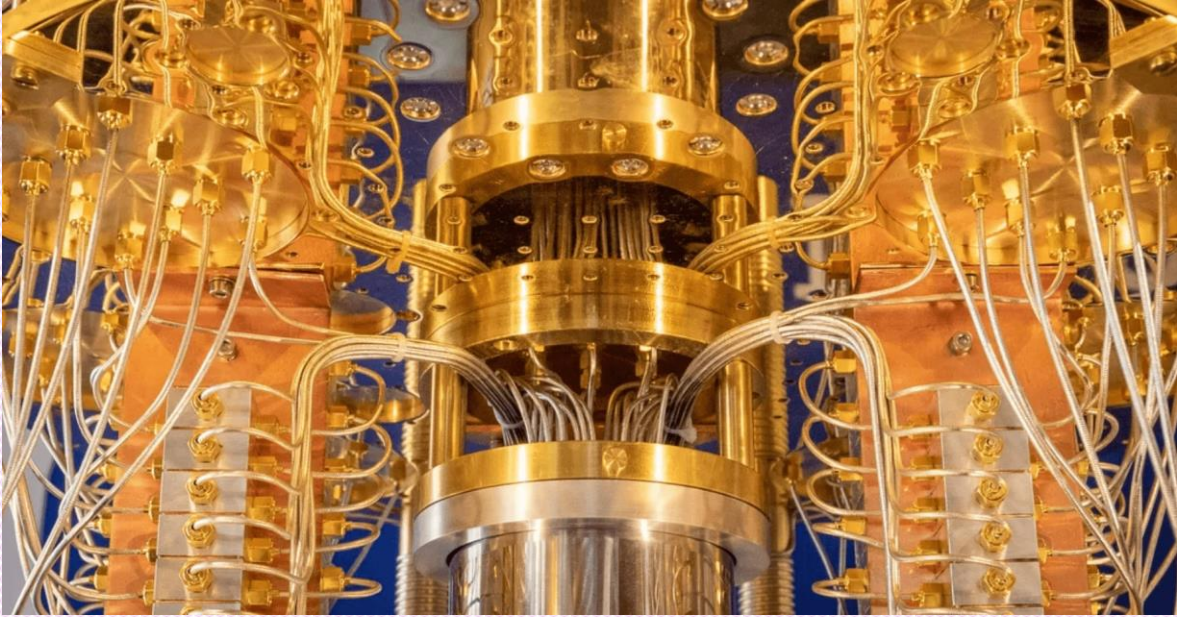
Quantum computers have enormous upside. But are also expensive and unstable.

Despite current limitations, it is fair to expect further advances from Google and others that will help make quantum computers practical to use.

Which would position quantum computing as one of the most important computer science trends in the coming years.
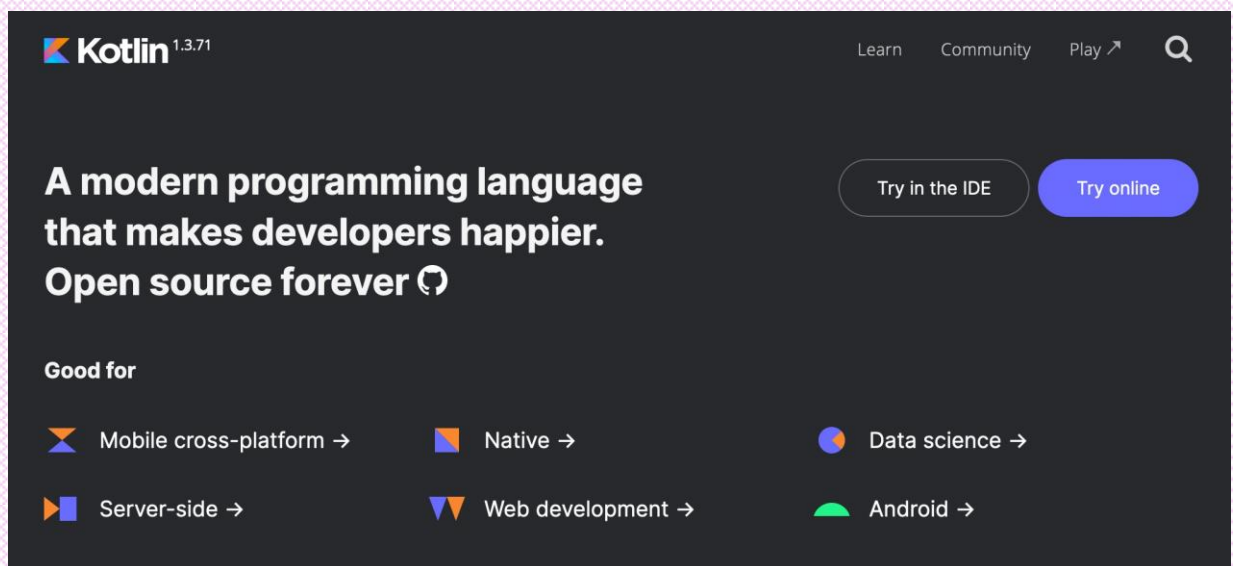
Dr. D Venkata Subbaiah

Professor - Dept. of CSE.

Kotlin Overtakes Java

Kotlin is a general-purpose programming language that first appeared in 2011.

It is designed specifically to be a more concise and streamlined version of Java.

And so, it works for both JVM (Java Virtual Machine) and Android development.

Kotlin is billed as a modern programming language that makes developers happier.

There are over 7 million Java programmers in the world right now.

Since Kotlin offers big advantages over Java, we can expect more and more programmers to make the switch between 2022 and 2025.

Google even made the announcement in 2019 that Kotlin is now its preferred language for Android app developers.

Mr. N Srinivasa Rao

Sr. Asst. Prof. - Dept. of CSE.

Demand for Cybersecurity Expertise Skyrockets

"Hack The Box" searches have increased by 320% over 5 years.

According to CNET, at least 7.9 billion records (including credit card numbers, home addresses and phone numbers) were exposed through data breaches in 2019 alone.

Consequently, large numbers of companies seek cybersecurity expertise to protect themselves.

"Hack The Box" is an online platform that has a wealth of educational information and hundreds of cybersecurity-themed challenges.

And they have 290,000 active users that test and improve their skills in penetration testing.

So, they have become the go-to place for companies to recruit new talent for their cybersecurity teams.

And software that helps people to identify if they have had their credentials compromised by data breaches will also trend.

One of the most well-known tools currently is Have I Been Pawned.

It allows you to search across multiple data breaches to see if your email address has been compromised.

Ms. P Jagadeeswara Rao

Asst. Prof. - Dept. of CSE.

Students Articles

ROBOTIC PROCESS AUTOMATION....

An invention that could make your work easier.

RPA is one of the branches of Artificial Intelligence where it is used extensively to automate the workflows for their legacy systems. RPA finds its use in many organizations that still rely on age-old legacy systems. Other than this, there are other opportunities where skilled labor is used, which could have been automated for efficient work completion.

In layman's terms, if we want to understand what RPA is, it can be broken down to three levels.

Robotic - Machines that can enact human actions on a business system (hence called a robot)

Process - A sequence of steps when followed completes an assigned business task

Automation - Something which can be done by a machine than an individual to save time and at the same time be effective and efficient.

Robotic Process Automation is the art by which a possibility of monotonous work done by an individual is replaced by an automated task performed by robots instead of skilled labor. In other words, enacting a series of steps to complete a meaningful task without any human interaction or supervision can be termed as Robotic Process Automation.

RPA Benefits

The following are the advantages of RPA:

- Building a unified customer view
- Increased employee productivity
- More accuracy and quality
- Increased customer satisfaction
- Cost-effective
- Up to 80% reduction in AHT (Average Handle Time)
- Up to 90% reduction in ART (Average Resolution Time)

Currently and in the future, there is a huge demand

It is believed that because of RPA, there are job losses, but that's not true. RPA creates around 58 million jobs. In the coming years, talented RPA experts will be more in demand. The salary package earned by 3 to 5 experienced RPA developers in this industry is around Rs. 1,200,000 per annum. Freshers can make around a yearly income of INR 4 lakhs, likely to rise as they gain more experience.

It has a wide range of applications

RPA is used in a variety of industries, including finance and insurance, healthcare, and telecommunications. This software is very helpful in businesses, like for processing applications, regulating billing systems, etc. RPA has become a well-recognized technology that a growing number of industries appreciate because of its success.

(Million Yen)

RPA Related Services RPA Tools Total
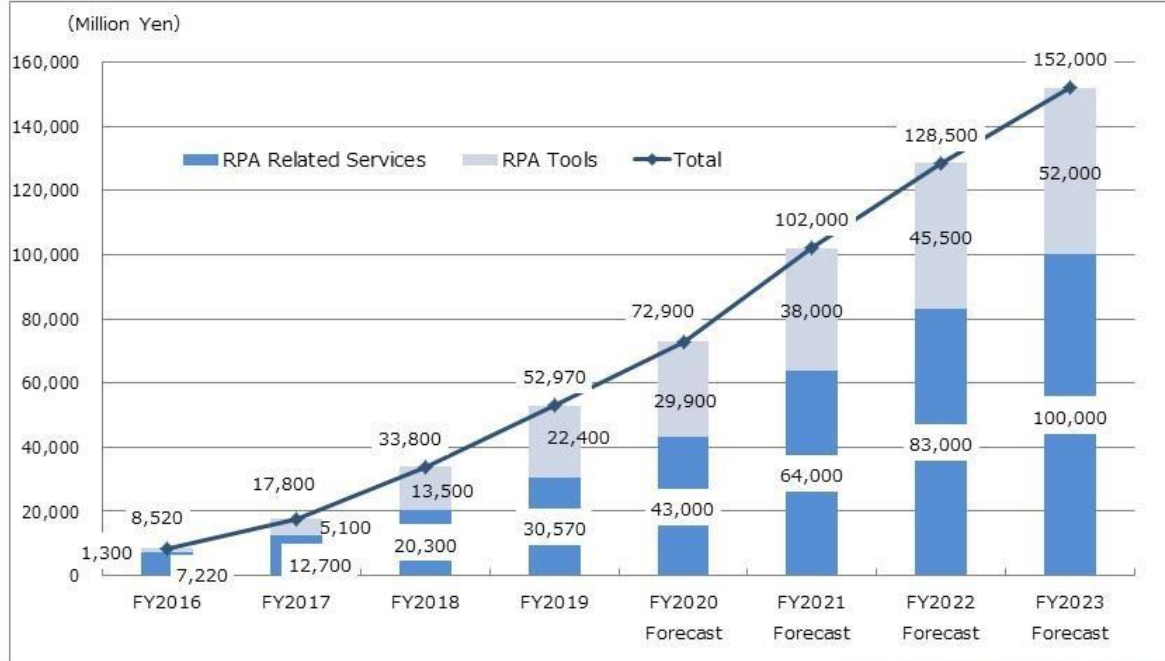
Survey by Yano Research Institute

Note 1. Based on the sales at businesses.
Note 2. FY2020 and beyond are forecasts.
Note 3. RPA tools include server type and client PC type. RPA related services include RPA diagnostics, RPA deployment support services, RPA business operation process automation services, consulting services using RPA for business process reengineering, and RPA operation maintenance services.

Crucial factors accountable for market growth are:

- Penetration of RPA to manage complicated unstructured data and automate any business operation
- IncreasingAdoption of Artificial Intelligence and Cloud-Based Solutions
- High demand for RPA services from BFSI sector
- The innovation and technological advancement
- The increasing focus on reducing the burden of medical professionals

G.Bhavana
20761A0521
III-CSE-A.

3D Visualization and Augmented Reality for Surgery

The healthcare industry has undergone a massive transformation with the advancement of technology. The imaging sector in particular has experienced remarkable changes at different times: first, X-ray images, then digital acquisition with CT and MRI cross-sectional studies, then advanced processing in 3D, and so on. This shift impacted greatly by technology is beginning to rub off on the surgery world with the introduction of 3D visualization and augmented reality (AR) for surgery.

AR uses technology to superimpose digital images in the real world. In the case of surgery, overlaying the diagnostic images directly on the patient acts as a sort of "GPS," which improves the surgeons' hand-to-eye coordination, helping them be more precise and accurate during surgery.

Surgeons' views about 3D visualization and augmented reality for surgery

With the AR headset, surgeons no longer need to look at multiple screens and take their eyes off the patient. All the information that they need is present in the superimposed diagnostic images, giving them a clear vision of operating. One of the vital benefits of augmented reality is that it uses radiological data to simulate the 3D reconstruction of organs, providing a more true-to-life view of a patient's appearance and anatomy when used as a diagnostic tool.

A Research Fellow for Robotic Surgery in the Department of Surgery and Cancer at Imperial College London, Dr. Philip Pratt, says, "This technology allows us to experience the data that we have collected from patients before their operation in the most realistic and natural way. You look at the leg and essentially see inside of it."

After performing the world's first AR-guided surgery at the Sant'Orsola hospital in Bologna, lead surgeon Giovanni Badiali said, "We are on the edge of a medical revolution in terms of surgical navigation. . . . We could be working seamlessly in the future. For surgeries, this means a great gain of time and a reduction of mental work to do the connections between the virtual and the real. All the information arrives in real-time. Time is the greatest beneficiary of this technology."

Benefits of 3D visualization and augmented reality for surgery

Precision is a critical element in AR because it guides surgeons to holographically visualize patient imaging, giving room for more skillful and expert precision and enabling decision-making in real time. Surgeons are privy to the whole immersive view of imaging using 3D visualization, which helps them do their jobs safely and accurately.

Another advantage of 3D visualization and AR for surgery is that it helps surgeons navigate the surgical site knowledgeably. They can successfully maneuver the surgical pathway using advanced real-time image guidance that enables clear-cut device placement in open and minimally invasive procedures.

The sustainability of technology in any industry is achieved by transferring information and knowledge to others. One exciting way to groom students in 3D visualization and AR for surgery is practical education.

OpenSight and VisAR

Keying into this ground-breaking technology, Novarad has launched OpenSight and VisAR for surgeons to eliminate distractions and increase accuracy and so they can perform less-invasive surgeries.

OpenSight

OpenSight is an FDA-cleared augmented reality surgical planning system that increases surgical accuracy and confidence. It helps surgeons visualize internal anatomy from cross-sectional imaging superimposed on a patient before surgery.

It also enables the surgeons to mark the exact location for placing any device, such as endoscope, needle, or pedicle screw, or extracting a foreign body. Its key features include:

> * First AR surgical system using Microsoft HoloLens to receive FDA clearance
> * Advanced 2D/3D/4D rendering without tethering
> * AI-enhanced advanced 3D image segmentation
> * Patented or patent-pending innovations
> * Optical Tag Registration
> * Surface Shell Registration

VisAR

Novarad's VisAR technology is for use during a surgery. It takes CT, MRI, PET, or other cross-sectional scans, renders them in real time, and showcases them with a heads-up display using an AR goggle system from Microsoft. Its other features include:

- ➢ Advanced 2D, 3D, and 4D real-time rendering without tethering
- ➢ Precise optical registration
- ➢ AI-enhanced segmentation
- ➢ Virtual tools and annotations
- ➢ Precise guidance system for accurate instrument placement during surgery
- ➢ Dynamic tracking of instruments and lesions during surgery
- ➢ Continuous registration
- ➢ Orthogonal views
- ➢ Tag learning and transfer
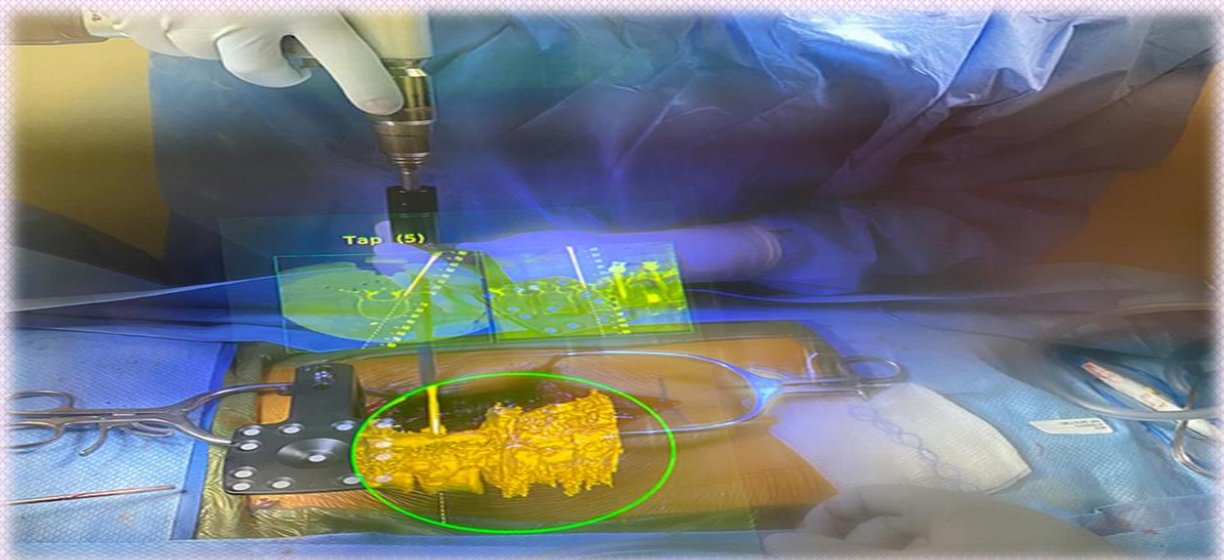
Conclusion

3D visualization and AR for surgery are among the best things to happen in the surgical world. Novarad's Open Sight enhances patient confidence in their surgeons once they understand the procedure, especially when viewing the annotated holographic images. This improves positive patient experience and increases the possibility of a better outcome.

G. Pavani
20761A0517
III-CSE-A.

Machine Learning Reimagines the Building Blocks of Computer

Traditional algorithms power complicated computational tools like machine learning. A new approach, called algorithms with predictions, uses the power of machine learning to improve algorithms. Algorithms — the chunks of code that allow programs to sort, filter and combine data, among other things — are the standard tools of modern computing. Like tiny gears inside a watch, algorithms execute well-defined tasks within more complicated programs.

They are ubiquitous, and in part because of this, they have been painstakingly optimized over time. When a programmer needs to sort a list, for example, they'll reach for a standard "sort" algorithm that's been used for decades.

Now researchers are taking a fresh look at traditional algorithms, using the branch of artificial intelligence known as machine learning. Their approach, called algorithms with predictions, takes advantage of the insights machine learning tools can provide into the data that traditional algorithms handle. These tools have, in a real way, rejuvenated research into basic algorithms.

Machine learning and traditional algorithms are "two substantially different ways of computing, and algorithms with predictions is a way to bridge the two," said Piotr Indyk, a computer scientist at the Massachusetts Institute of Technology. "It's a way to combine these two quite different threads."

A.Jai Krishna
20761A0505
III-CSE-A.

Newly Joined Faculty:

S. No	Id	Name	Designation	Highest Qualification	Date of Joining	PAN	Adhaar
1.	T893	CH. NagaMani	Asst. Professor	M. Tech	02-05-2022	BDUPC8097F	464143783281
2.	T895	D. Anil Kumar	Asst. Professor	M. Tech	01-06-2022	BINPD0322A	267760247511
3.	T897	P. Veera Swamy	Asst. Professor	M. Tech	14-06-2022	DGCPS7188Q	677753569235

Faculty Left:

S. No	Id	Name	Designation	Highest Qualification	Date of Joining
1.	T365	Ms. M. Sri Bala	Sr. Asst. Professor	M. Tech	01-07-2005
2.	T654	Mr. D. Srinivasa Rao	Sr. Asst. Professor	M. Tech	09-06-2014
3.	T607	Ms. G.V. Rajya Lakshmi	Sr. Asst. Professor	M. Tech	03-06-2013
4.	T682	Mr. L.V. Krishna Rao	Sr. Asst. Professor	M. Tech	15-06-2015
5.	T701	Mr. T. Udaya Kumar	Sr. Asst. Professor	M. Tech	15-06-2015

Faculty Recognitions and Achievements:

Name of the Faculty	Name of the Award/Recognition	Awarding Agency	Address	Date of recognition/ Award
Dr. P. Bhagath	Recognized as Senior Member	IEEE	IEEE	14 Feb 2022
Dr. K. Naga Prasanthi	NPTEL DISCIPLINE STAR	NPTEL	IIT Madras	April 2022

Workshops/Seminars/Certification programs/ In-House training conducted

Name of the Coordinators: Dr. P. Ashok Reddy & Dr. S. Jaya Pradha

Date: 06/12/2021 TO 24/12/2021   **Duration:**03 Weeks

Title of the Workshops/Seminars/Certification program	No. of Participants	Name of Resource Persons	Name of Organization/ Institute	Address
Wipro Talent Next 2023 - In-House Training Conducted	184	Dr.Naganganeyulu/NSR/SSR	LBRCE	Mylavaram

Photo- 1 with caption & Resource Person details	Photo- 1 with caption & Resource Person details

Faculty attended International/National Conferences (External)

Name of the Faculty	Name of the Conference	Institute/ Organization	Address	Duration (From….to..)	Registration Amount
Mr. Shaik Johny Basha	2022 8th International Conference on Advanced Computing and Communication Systems (ICACCS)	Sri Eshwar College of Engineering	Coimbatore, Tamilnadu	25th to 26th March 2022	NIL
	2022 International Conference on Advanced Computing Technologies and Applications	Sri Krishna College of Engineering and Tech.	Coimbatore, Tamilnadu	04th to 5th March 2022	NIL
	2022 2nd International Conference on Artificial Intelligence and Signal Processing (AISP)	VIT-AP	Vijayawada, India	12th to 14th February 2022	NIL
Dr. M. Sitharam	12th International Conference on Cloud Computing, Data Science & Engineering(Confluence)	--	Nioda, India	March 2022	NIL
	International Conference on Smart Systems and Inventive Technology (ICSSIT)	--	Tirunelveli, India	20-22,jan-2022	NIL
Dr.M.Srinivasa Rao	Innovations in Computer Science and Engineering	--	--	March 2022	NIL
	2022 International Conference on Computer Communication and Informatics	--	TamilNadu	25-27,Jan,2022	NIL
Dr.D.Venkata Subbaiah	2nd International Conference on Innovative Practices in Technology and Management (ICIPTM)	--	Gautham Buddha Nagar,India	23rd-25th, February, 2022	NIL
Dr. K. Naga Prasanthi	Second International Conference on Sustainable Expert Systems	--	Singapore	Jan 2022	NIL
S.Govindu	ICT Systems and Sustainability. Lecture Notes in Networks and Systems	--	Goa	Jan-2022	NIL
Dr. K. Naga Prasanthi	2022 International Conference on Sustainable Computing and Data Communication Systems (ICSCDS)	---	Erode, Tamilnadu	07th to 09th April 2022	NIL
Dr. O. Rama Dev	2022 ECS - The Electrochemical Society	--	Vancouver, BC, Canada	May 29 – June 2, 2022	NIL
Ms. P. Sarala	2022 6th International Conference on Devices Circuits and Systems	--	Coimbatore, Tamilnadu	21st to 22nd April 2022	NIL

Online/ face-to-face FDPs attended (External)

Name of the Faculty	Name of the FDP	Institute/Organization	Address	Duration (From….to...)	Registration Amount
Dr. D. Venkata Subbiah	NPTEL- Compiler Design	IIT Kharagpur	Kharagpur	Jan – Apr 2022	NIL
Dr. Y. Vijay Bhaskar Reddy	Inculcating Universal Human Values in Technical Education	AICTE	New Delhi	03-01-2022 to 07-01-2022	NIL
Dr. M. Sitha Ram	ATAL Academy FDP on Machine Learning Applications for Autonomous Driving	KLE Technological University	Delhi	24-01-2022 to 28-01-2022	NIL
Dr. S. Jaya Prada	Inculcating Universal Human Values in Technical Education	AICTE	New Delhi	03-01-2022 to 07-01-2022	NIL
Dr. B.Manaswini	Advances in Artificial Intelligence	Siksha 'O' Anusandhan (Deemed to be University)	New Delhi	21/01/2022 to 25/01/2022	NIL
Mr. N. Srinvivasa Rao	TalentNext Project on Big Data	Wipro	Bangalore	Jan – Mar 2022	NIL
Dr. K. Devi Priya	Research Avenues in Machine Learning and AI for Societal Issues	National Institute of Technology Silchar	Assam	14-18, March 2022	NIL
Ms. P. Sarala	Research Applications In Machine Learning-2022	GMR Institute of Technology-Rajam and Department of Computer Science & Systems Engineering	Visakhapatnam	28th March to 1st April 2022	NIL
Mr. P. Jagadeeswara Rao	NPTEL - DBMS	IIT Kharagpur	Kharagpur	Jan – Mar 2022	NIL
Mr. P. Jagadeeswara Rao	Descriptive Analysis – Microsoft POWER BI	Efftronics PVT. Ltd	Mangalagiri	Apr – Aug 2022	NIL

Workshops attended (External)

Name of the Faculty	Name of the Workshop	Institute/Organization	Address	Duration (From….to.)	Registration Amount
Dr. K. Naga Prasanthi	Image Processing using python	NIT Karnataka	Karnataka	05-03-2022 to 06-03-2022	NIL

NPTEL Faculty Certifications:

S.No	Name of the Faculty	Name of the Course	Grade	Toppers
1	Dr. D. Venkata Subbaiah	Compiler Design	Elite	
2	Dr. K. Naga Prasanthi	Data Science for Engineers	Elite	
3	Mr. G.V. Suresh	Software Testing	Successfully completed	
4	Mr. S. Nagarjuna Reddy	Machine Learning	Elite	
5	Dr.K DeviPriya	NBA Accrediation and Teaching and Learning in Engineering (NATE)	Elite+Silver	
6	Mr. Ch. Srinivasa Rao	Cloud Computing	Successfully completed	
7	Mr.P.Jagadeeswara Rao	Programming in Java	Elite+Gold	Topper 5%
		DataBase Management System	Elite	
8	Mr.MD.Amanatulla	Problem Solving through Programming in C	Elite	
9	Mr.N.Srikanth	Cloud Computing	Successfully completed	
10	Mrs.G.V Rajya Lakshmi	Data Science for Engineers	Elite+Silver	
		Introduction to Research Online	Elite	
11	Mrs. Sri Bala Malladi	Accreditation and Outcome based Learning-Online	Elite	

Faculty Publications & Research Mobilization
Journal Publications

Title of paper	Name of the author/s	Name of journal	Year of publication	ISSN number	Link of the recognition in UGC enlistment of the Journal
Enhancement of Energy Efficiency and Network Lifetime Using Modified MPCT Algorithm in Wireless Sensor Networks	J. Nageswara Rao	Journal of Interconnection Networks	Jan-2022	1793-6713	https://www.worldscientific.com/doi/abs/10.1142/S0219265921440126
Product Review Analysis	L. V. Krishna Rao	Lecture Notes in Networks and Systems book series (LNNS, volume 321)	Jan-2022	978-981-16-5987-4	https://link.springer.com/chapter/10.1007/978-981-16-5987-4_67

Title of paper	Name of the author/s	Name of journal	Year of publication	ISSN number	Link of the recognition in UGC enlistment of the Journal
Driver Drowsiness Detection Using Eye Aspect Ratio (EAR), Mouth Aspect Ratio (MAR), and Driver Distraction Using Head Pose Estimationhy	S. Govindu	Lecture Notes in Networks and Systems book series (LNNS, volume 321)	Jan-2022	978-981-16-5987-4	https://link.springer.com/chapter/10.1007/978-981-16-5987-4_63
Forecasting of COVID-19 Using Supervised Machine Learning Models	Y. Vijay Bhaskar Reddy	International Conference on Soft Computing and Signal Processing	Jan-2022	978-981-16-7088-6-19	https://link.springer.com/chapter/10.1007/978-981-16-7088-6_19
Graph Eigenvalue based Structural Method towards Phonetic Boundary Detection	Dr.P.Bhagath	TENCON-2021	Feb-2022	978-1-6654-9532-5	https://ieeexplore.ieee.org/document/9707281/
R-Peak Detection from ECG Signals Using Fractal Based Mathematical Morphological Operators	Dr.P.Bhagath	TENCON-2021	Feb-2022	978-1-6654-9532-5	https://ieeexplore.ieee.org/document/9707247/
Sentimental Analysis through Speech and text for IMDB Dataset	Dr.M Sitha Ram	International Conference on Smart Systems and Inventive Technology (ICSSIT)	Feb-2022	978-1-6654-0118-0	https://ieeexplore.ieee.org/document/9716303
A Novel hybrid machine learning- based frequent item extraction for transactional database	D. Srinivasa Rao	International Journal of Modeling, Simulation, and Scientific Computing	Feb-2022	1793-9615	https://www.worldscientific.com/doi/abs/10.1142/S1793962323410064
Privacy Preserving with Modified Grey Wolf Optimization Over Big Data Using Optimal K Anonymization Approach	B. Sivarama Krishna	Journal of Interconnection Networks	Feb-2022	1793-6713	https://www.worldscientific.com/doi/10.1142/S0219265921410395
Charge the Missing Data with Synthesized Data by Using SN-Sync Technique	N.Srinivasa Rao	International Conference on Soft Computing and Signal Processing	Jan-2022	978-981-16-7088-6-13	https://link.springer.com/chapter/10.1007/978-981-16-7088-6_13
Sign Language Recognition Using Convolution Neural Network	Nagarjuna Reddy Seelam	International Conference on Soft Computing and Signal Processing	Jan-2022	978-981-16-7088-6-13	https://doi.org/10.1007/978-981-16-7088-6_59

Title of paper	Name of the author/s	Name of journal	Year of publication	ISSN number	Link of the recognition in UGC enlistment of the Journal
Efficiency Evaluation of HRF mechanism on EDoS attacks in Cloud Computing Services	Dr.Veeraiah .D	International Journal of Ad Hoc and Ubiquitous Computing	Jan-2022	1743-8233	https://www.inderscience.com/info/ingeneral/forthcoming.php?jcode=ijahuc
Energetic and Valuable Path Compendium Routing Using Frustration Free Communication Dimension Extension Algorithm in MANET	Dr.D.Veeraiah, J.Nageswara Rao	Wireless Communications and Mobile Computing	Mar-2022	Article ID 3685419 1530-8677	https://doi.org/10.1155/2022/3685419
Multiclass Classification for Large Medical Data using Adaptive Random Forest and Improved Feature Selection Methods	Dr.M.Sitaram	12th International Conference on Cloud Computing, Data Science & Engineering (Confluence)	Jan-2022	978-1-6654-3701-1	https://ieeexplore.ieee.org/document/9734140
A Comprehensive Assessment of Privacy Preserving Data Mining Techniques	K. Naga Prasanthi	Second International Conference on Sustainable Expert Systems	Jan-2022	978-981-16-7657-4	https://doi.org/10.1007/978-981-16-7657-4_67
HCUGAN: Hybrid Cyclic UNET GAN for Generating Augmented Synthetic Images of Chest X-Ray Images for Multi Classification of Lung Diseases	B.Swathi	International Journal of Engineering Trends and Technology	Feb-2022	2231 – 5381	doi:10.14445/22315381/IJETT-V70I2P227
An Optimized Fuzzy-Based Resource Allocation for Cloud Using Secured Tabu Search Technique	Dr.M.Srinivasa rao	Innovations in Computer Science and Engineering	Mar-2022	978-981-16-8987-1	https://link.springer.com/chapter/10.1007/978-981-16-8987-1_17
An Analytical Hierarchy Process Investigation on High Speed Data Implementations Using Big Data	Dr.M.Srinivasa rao	2022 International Conference on Computer Communication and Informatics	Mar-2022	978-1-6654-8035-2	https://ieeexplore.ieee.org/abstract/document/9741015
A Review on Imbalanced Data Classification Techniques	Shaik Johny Basha	2022 International Conference on Advanced Computing Technologies and Applications (ICACTA)	Mar-2022	978-1-6654-9515-8	https://ieeexplore.ieee.org/document/9753392

Title of paper	Name of the author/s	Name of journal	Year of publication	ISSN number	Link of the recognition in UGC enlistment of the Journal
Leveraging Ensemble Time-series Forecasting Model to Predict the amount of Rainfall in Andhra Pradesh	Shaik Johny Basha	2022 2nd International Conference on Artificial Intelligence and Signal Processing (AISP)	Mar-2022	978-1-6654-4290-9	https://ieeexplore.ieee.org/document/9760553
Sign Language Recognition Using Convolution Neural Network	S.Nagarjuna Reddy	International Conference on Soft Computing and Signal Processing, Advances in Intelligent Systems and Computing book series	Jan-2022	978-981-16-7088-6_59	https://doi.org/10.1007/978-981-16-7088-6_59
Change detection of pulmonary embolism using isomeric cluster and computer vision	Dr. M. Srinivasa rao	IAES International Journal of Artificial Intelligence	Jun-2022	2252-8938	DOI: 10.11591/ijai.v11.i2.pp 787-798
Automated Registration of Multiangle SAR Images Using Artificial Intelligence	Mr. G.V.Suresh	Mobile Information Systems	May-2022	Article ID 4545139 1875905X	https://www.hindawi.com/journals/misy/2022/4545139
Determination of Project Variables Using Fuzzy Decision Tree For Effort Estimations	Dr. M. SithaRam	Journal of Theoretical and Applied Information Technology	May-2022	1992-4625	http://www.jatit.org/volumes/onehundred10.php
How Volkswagen Used Marketing to Regain Its Brand Image After the Cheating Emission Scandal: A Case Study	Dr. O. Rama Devi	2022 ECS - The Electrochemical Society	May-2022	0013-4651	https://iopscience.iop.org/article/10.1149/10701.12985ecst
Permissioned Blockchain-based Collaborative Intrusion Detection System to Secure Internet of Things Against DDoS Attacks	Dr. M. Srinivasa rao	Journal of Information Assurance and Security	May-2022	1554-1010	,https://mjl.clarivate.com:/search-results?issn=1554
Instinctive Music Genre Detection And Categorization Of Audio Data Using Machine Learning	Dr. D. Venkata Subbaiah	Journal of Harbin Institute of Technology	May-2022	0367-6234	http://hebgydxxb.periodicales.com/index.php/JHIT/article/view/987

Title of paper	Name of the author/s	Name of journal	Year of publication	ISSN number	Link of the recognition in UGC enlistment of the Journal
Machine Learning Techniques based Audio Player to soothe Human Emotions.	Dr. Naga Prasanthi.K	International Conference on Sustainable Computing and Data Communication Systems	Apr-2022	978-1-6654-7884-7	10.1109/ICSCDS53736.2022.9760912
Comparative Analysis of Time Series Forecasting Models to Predict Amount of Rainfall in Telangana	Mr. Shaik Johny Basha	2022 8th International Conference on Advanced Computing and Communication Systems (ICACCS)	Apr-2022	978-1-6654-0816-5	https://ieeexplore.ieee.org/document/9785216
An Effective Hybrid Threefold Encrypted and Double Protected Cryptographic Technique in Wireless Sensor Networks	Ms. Sarala.P	2022 6th International Conference on Devices, Circuits and Systems (ICDCS)	Apr-2022	978-1-6654-8095-6	10.1109/ICDCS54290.2022.9780761
Secure Exchange and effectual verification of educational academic records using Hyperledger fabric blockchain system	Dr. M. Srinivasa rao	International Journal of Ad Hoc and Ubiquitous Computing,	Jun-2022	1743-8225	https://www.inderscienceonline.com/doi/abs/10.1504/IJAHUC.2022.123540
Smart Home system using voice command with Integration of ESP8266	Dr. M. Sitharam	2022 International Conference on Applied Artificial Intelligence and Computing (ICAAIC)	Jun-2022	978-1-6654-9710-7	https://ieeexplore.ieee.org/document/9793317
Mixed Breed Ensemble Method for Mushroom Classification	Dr. Nagarjuna Reddy S	2022 International Conference on Applied Artificial Intelligence and Computing (ICAAIC)	Jun-2022	978-1-6654-9710-7	https://ieeexplore.ieee.org/document/9793221
Hybrid Classification Model by Using CNN to Detect COVID-19 and Chest Related Problems	Mr. N. Srinivasa Rao	International Conference on Intelligent Computing and Control Sys.	Jun-2022	978-1-6654-1035-9	https://ieeexplore.ieee.org/document/9788327
A Machine Intelligence Model to Detect Drowsiness for Preventing Road Accidents	Dr. J. Nageswara Rao	2022 International Conference on Applied Artificial Intelligence and Computing	Jun-2022	978-1-6654-9710-7	https://ieeexplore.ieee.org/abstract/document/9793256

Title of paper	Name of the author/s	Name of journal	Year of publication	ISSN number	Link of the recognition in UGC enlistment of the Journal
Regression Based Price Prediction of Staple Food Materials Using Multivariate Models	Dr. D. Venkata Subbaiah	Scientific Programming	Jun-2022	1875-919X	https://www.hindawi.com/journals/sp/2022/4572064
Additive Penalized based Quantile Regression (APQR) for Predictive Analytics for Pandemic Data	Mr. Gopi Suresh .A	Mathematical Statistician and Engineering Applications	Jun-2022	2094-0343	https://www.philstat.org.ph/index.php/MSEA/article/view/218

Books and chapters

Name of the teacher	Title of the book/chapters published	Title of the paper	Year of publication	ISBN/ISSN number of the proceeding	Affiliating Institute at the time of publication	Name of the publisher
B. Swathi	Implementation of Multi Disciplinary Attributes for Generative Adversarial Networks		Feb-2022	978-93-5607-149-0	LBRCE	Immortal publications
Dr. D.Venkata Subbaiah	Information Security		Mar-2022	97893-93-93694-57-7	LBRCE	Nitya Publications
P.Sarala	Concepts of Cloud Computing Essentials		Mar-2022		LBRCE	Walnut Publication

List of Patents

Sl. No.	Title of Patent	Name of The Faculty	Patent Id
1	Cloud Computing and Iot Based Smart Ecommerce Platform Method Thereof	Dr. D. Veeraiah Dr.S.Ravi Raja Mr.D. Saravanan Dr.G.Arun Kumar Dr.D Stalin David Dr.U.Palani Dr.Safdar Tanweer Mr.Syed Sibtain Khalid Mr.Kolli Srinivas Dr.Shashi Kant Gupta	202241028031
2	CNN algorithm based self driving car for future smart city road method and thereof	Dr. A. Sudhir Babu Dr. Mekala Srinivasa Rao Mr. Sunil Chandolu Mrs. Prathyusha Kapa Dr. K. Rubenraju	202241025730

Sl. No.	Title of Patent	Name of The Faculty	Patent Id
3	Virtual Doctor to detect Patient heart beat and Body temperature	Mrs. G. Jaya Lakshmi T.Sai Venkat raman Dr.O.RamaDevi D.Saravanan Dr. Anjali Suresh Dr. Prasanna Mohan Dr. Jadeesan Alagesan Fathima m Inmamdar Dr. Durga charan Arun Bhagawat Anitha Padigapati Dr.D.Stalin David	202141057189A
4	An Artificial Intelligence to Identify Heart valves and Targetted Delivery of 5nanoparticles	Dr. V. Venkata Subbaiah	202241018235
5	Iot Based Smart Surgery Management System For Hospitals	Dr. N. Senthil Madasamy Dr. R. Manikandan Dr. K. Devipriya Dr. Anita Harsoor Dr Bhadrappa Haralayya Nitesh S Vibhute. Shafee S. M. Dr Harishchander Anandaram Dr. R. Thiagarajan	202241025898
6.	Deep Learning Model for Prediction of Cancer with stage level Varying Parameters and Analysis of Gen	Dr.G SharaabasappaDr. W Vaishali Dr. R Puviarasi Dr. S Madhurika D Srinivasarao	202241008120
7.	Computer Implemented Method For Cryptocurrency Price Prediction Using Artificial Intelligence And Machine Learning	Dr. Ihtiram Raza Khan Dr. Radhika H Ms.Rajendran Jayashree Ms.Kavitha Shanmugam Mayur Ravindra Narkhede Dr.Mukta Jagdish Chirag Salwan ShaikJohnyBasha Naheed Sultana Dr.Punit Kumar Dwivedi	202211013416
8.	Assisting The Dyslexia Children By Training Their Mind For Adaptability	Babu Chinta Dr. R. Reshma Dr. S. Sasikala Dr. Asif Jamal G.A Dr. D. A .ShahiraBanu Ch. Srinivasa Rao Dr. Sheshang Degadwala G. Balu Narasimha Rao Dr.A.Elaiyaraja	202241016927

Sl. No.	Title of Patent	Name of The Faculty	Patent Id
9.	New Computing Paradigm For Communications Through Edge Computing	Dr. Ankush Jain Ms. Deepa Nair Dr.Priyanka Mrs.A.Praneetha Dr. Bhasker Pant Mr.Rajeev Agarwal Ms.Sudha R V	202211031844 A
10.	Smart Iot Based System For Home Automation System	Dr.P. Lalitha Kumari Ms. Nimisha Bhatt Dr. M. Kameswari Ms. J. Sridevi Dr. G. Naga Rama Devi Ms.Bajjuri Usha Rani Dr.Lokesh Gagnani	202241032949

Students publications

Batch No.	Roll no.	Name of The Student	Paper Title	Name of the Conference/ Publication	Date	Organized Institution
BATCH -3	18761A0546	1.Pullagura Meghana	TELUGU ANKELU: A Telugu Spoken Digits Corpora for Mobile Speech Recognition	12th International Conferenc e on Pattern Recognition Systems(IC PRS)	14th march 2022	École Nationale Supérieure des Mines de Saint-Étienne - France
	19765A0506	2.Thetla Santhi Sri				
	18761A0558	3.Y V K Ravindra Bhupathi				
	18761A0521	4.Gudala V.S.Suresh				

Students publications

Batch No.	Roll no.	Name of The Student	Paper Title	Name of the Conference/ Publication	Date	Organized Institution
BATCH -1	18761A0542	1.Nagavarapu Naga Jyothi	Instinctive Music Genre Detection and Categorization of Audio Data UsingMachine Learning	Harbin Gongye Daxue Xuebao/Jour nal of Harbin Institute of Technology	21st April, 2022	Harbin Instituteof Technology
	19765A0501	2.Kunduru Lokesh				
	18761A0534	3.Kothagundla Sai Anusha				
	17761A0523	4.Kandragunta Sai Kumar				
BATCH	18761A0543	1. Madhuri	Second Sale CarPrice Prediction	6th ICCES 2022	5th may, 2022	IEEE xplore
	18761A0503	2.Atmakuri Naga Sindhu				

-2	18761A0538	3.Mulupuri Aksha	Using Machine Learning Algorithms			
	18761A0513	4.Chalavadi Naveen				
BATCH -4	18761A0555	1.Vudari Rahul Krishna	Insect Detectionin Chilli/Cotton crop using Convolutional Neural Network (CNN)	IOP Conferenc e Series: Materials Science and Engineerin g	9th may 2022	IOP Conference Series
	18761A0505	2.Battula Venkata Anusha				
	18761A0501	3.Akiti Ajay				
	18761A0530	4.Kola Yohan Siddhartha				
BATCH -5	18761A0526	1.Javvaji Sravani	A hydrid technique towardsMRS with CF based on machine learning	Cyber psycholog y behaviour and social networking	8th May 2022	Elsevier Scopus
	18761A0522	2.Gurram S V V Lakshmi Sri				
	18761A0502	3.Annapureddy Rishitha				
	18761A0540	4.Musunur HariKrishna				
BATCH -6	18761A0523	1.Hemasriya Dhamara	Speech Emotion Recognition usingMfcc and Cnn	Cyber psycholog y behavior and social	8th May 2022	Elsevier Scopus
	18761A0539	2.M Manoj Kumar Reddy				
	18761A0536	3.Madduluri Narasimha Yadav				
	18761A0550	4.Tiruvaipati Sai Mukesh				

SECTION-B

Batch. No	Title of The Paper	Name of The Guide	Name of The Confernce/Journal
BATCH-1	Stock Prediction System using an Integrated Fine Tune Stacked and Ensembled Activation LSTM Network	Ms. B. Swathi	ICSCS2022,SPRINGER
BATCH-2	An efficient Deep Learning Approach for Recognizing and Detecting Humans	Dr. Y. Vijay Bhaskar Reddy	MICRO2022,SPRINGER

Batch. No	Title of The Paper	Name of The Guide	Name of The Confernce/Journal
BATCH-3	Emotion based musicplayer using MachineLearning.	Dr. K. Naga Prasanthi	ICSCDS2022,IEEE
BATCH-4	Pneumonia Detection and Classification Using Deep Learning	Mr. A. Raja Gopal	MICRO2022,SPRINGER
BATCH-5	Mixed Breed Ensemble Method for Mushroom	Mr. S. Nagarjuna Reddy	ICAAIC-2022
BATCH-6	An Efficient Deep Learning Approach toDetect the Road Accident.	Mr. N.V. Naik	MICRO2022, SPRINGER.
BATCH-7	Hybrid classification model by using CNN to detect covid-19 andchest related problems	Mr. N. Srinivasa Rao	ICCES2022, IEEE.
BATCH-8	Hate Speech detection on social media usingDeep Learning.	Mr. A. Sudhakar	MICRO2022,SPRINGER
BATCH-9	Automatic numberPlate Recognition	Ms.K.Devi Priya	IOP CONFERENCE SERIES,MATERIAL SCIENCE ENGG
BATCH-10	Smart voting System through FaceRecognition.	Dr. S.Jayaprada	IOP CONFERENCE SERIES,MATERIAL SCIENCE ENGG
BATCH-11	Comparative Analysis Of CNN Based framew Handwritten Arabic Numerals Recognition	Mr. Sk. Johny Basha	ICCES2022,IEEE
BATCH-12	Crop Deisease Detection using superresolution CNN.	Dr. M. Sitha Ram	ICCES2022,IEEE
BATCH-13	Monitoring Social Distancing using DeepLearning.	Mr. S. Govindu	MICRO2022,SPRINGER
BATCH-14	An Efficient Deep Learning Approach toClassify A kidney with A Tumor or A Stone using CT images.	Mr. P. Sarala	MICRO2022,SPRINGER
BATCH-15	Predicting Cardiovascular disease using combination of deep learning and machine learning techniques.	Mr. T.N.V.S. Praveen	Cyber psychology, behaviour,and Socialnetworking,20022,ELSEIVER
BATCH-16	An efficient machinelearning approach topredict Lung cancer.	Ms. A. Praneetha	Cyber psychology, behaviour, and Social networking,20022,ELSEIVER

Students participated in NCC

Sl. No.	Name of The Event	Roll Number	Name of The Student	Place	Date
1.		19761A05C7	Vummadi Nitya Sree		
2.		20761A0540	Parasa Pravallika		
3.		19761A0594	Kothamiddela Lahari		
4.		20761A05C0	Shaik Nandini		
5.		20761A0528	Kondreddy Krishnaveni		
6.		19761A0582	Dulla Krishna Kavya		
7.		20761A05G7	Malavathu Lakshmi Prasanna		
8.		20761A0523	Illuru Hepsebha		
9.	National Youth Day	20761A05B6	Puthi Gnana Nagasri	Online	12-01-2022 to 16-01-2022
10.		19761A0566	Addanki Sasi Samyogitha		
11.		19761A05C4	Uravakonda Mayuri		
12.		19761A0577	Chandana Madhuri		
13.		19761A05E0	Chilakala Geetha Reddy		
14.		19761A05G3	Mangunuru Amulya Reddy		
15.		19761A05B3	Seelam Vasavi		
16.		19761A0578	Chevineedi Haritha		
17.		20761A0588	Jami Bhavya Sri		
18.		20761A05E3	Chaturvedula Sri		

			Lakshmi Hymavathi		
19.		20761A0568	Bathula Sushma		
20.		20761A05H3	Pulavai Bhavana		
21.		20761A0521	Guthikonda Bhavana		
22.		19761A05C7	Vummadi Nitya Sree		
23.		20761A0540	Parasa Pravallika		
24.		19761A0594	Kothamiddela Lahari		
25.		20761A05C0	Shaik Nandini		
26.		20761A0528	Kondreddy Krishnaveni		
27.		19761A0582	Dulla Krishna Kavya		
28.		20761A05G7	Malavathu Lakshmi Prasanna		
29.		20761A0523	Illuru Hepsebha		
30.	Republic Day	20761A05B6	Puthi Gnana Nagasri	LBRCE	26/01/2022
31.		19761A0566	Addanki Sasi Samyogitha		
32.		19761A05C4	Uravakonda Mayuri		
33.		19761A0577	Chandana Madhuri		
34.		19761A05E0	Chilakala Geetha Reddy		
35.		19761A05G3	Mangunuru Amulya Reddy		
36.		19761A05B3	Seelam Vasavi		
37.		19761A0578	Chevineedi Haritha		

38.		20761A0588	Jami Bhavya Sri		
39.		20761A05E3	Chaturvedula Sri Lakshmi Hymavathi		
40.		20761A0568	Bathula Sushma		
41.		20761A05H3	Pulavai Bhavana		
42.		20761A0521	Guthikonda Bhavana		
43.		19761A05C7	Vummadi Nitya Sree		
44.		20761A0540	Parasa Pravallika		
45.		19761A0594	Kothamiddela Lahari		
46.		20761A05C0	Shaik Nandini		
47.		20761A0528	Kondreddy Krishnaveni		
48.	B-Certificate Exam	19761A0582	Dulla Krishna Kavya		
49.		20761A05G7	Malavathu Lakshmi Prasanna		
50.		20761A0523	Illuru Hepsebha	Vijayawada	20/02/22
51.		20761A05B6	Puthi Gnana Nagasri		
52.		19761A0566	Addanki Sasi Samyogitha		
53.		19761A05C4	Uravakonda Mayuri		
54.		19761A0577	Chandana Madhuri		
55.		19761A05E0	Chilakala Geetha Reddy		
56.		19761A05G3	Mangunuru Amulya Reddy		
57.		19761A05B3	Seelam Vasavi		

Sl. No.	Name of The Event	Roll Number	Name of The Student	Place	Date
58.		19761A0578	Chevineedi Haritha		
59.		20761A0588	Jami Bhavya Sri		
60.		20761A05E3	Chaturvedula Sri Lakshmi Hymavathi		
61.		20761A0568	Bathula Sushma		
62.		20761A05H3	Pulavai Bhavana		
63.		20761A0521	Guthikonda Bhavana		
64.	C-Certificate Exam	18761A0572	D Sowmya Sai	Vijayawada	06/03/22

Students participated in NCC

Sl. No.	Name of The Event	Roll Number	Name of The Student	Place	Date
1.	World Environment Day Celebrations	20761A0521	G.Bhavana	LBRCE	05-06-2022
		20761A0523	I.Hebsebha		
2.	International Yoga Day	19761A05C7	Vummadi Nitya Sree	LBRCE	02/10/2022
3.		20761A0540	Parasa Pravallika		
4.		19761A0594	Kothamiddela Lahari		
5.		20761A05C0	Shaik Nandini		
6.		20761A0528	Kondreddy Krishnaveni		
7.		19761A0582	Dulla Krishna Kavya		
8.		20761A05G7	Malavathu Lakshmi Prasanna		

9.		20761A0523	Illuru Hepsebha		
10.		20761A05B6	Puthi Gnana Nagasri		
11.		19761A0566	Addanki Sasi Samyogitha		
12.		19761A05C4	Uravakonda Mayuri		

SAHELI- Girls Club

S.NO	Name of the Event	Resource person	Period/Date	No of participants	
				Faculty	Student
1	Sankranthi-Rangoli	Conducted by Saheli Girls Club LBRCE	12-01-2022	Women Teaching & Non Teaching staff	CSE,CSM Girl students 28slots
2	National Girl Child Day	Dr.A.Amrutha valli Associate Prof Dept of Microbiology,ANU,AP	24-01-2022	Women Teaching & Non Teaching staff	III sem CSE,CSM Girl students

STUDENT PLACEMENT DETAILS

S.No.	Roll Number	Name of the Student	Company	Package
1	18761A0504	Ayyagari Sai Saketh	M/S TCS Digital	7
2	18761A0518	Gandham Venkata Ravi Teja	M/S TCS Digital	7
3	18761A0543	Nukathoti Ooha Gnana Madhuri	M/S TCS Digital	7
4	18761A0569	Rishie Chandan Bollepalli	M/S TCS Digital	7
5	18761A0510	Boddu Sindhu Priya	M/S TCS Ninja	3.36
6	18761A0514	Chandana Dinesh	M/S TCS Ninja	3.36
7	18761A0523	Hema Sriya Dhmara	M/S TCS Ninja	3.36
8	18761A0532	Kotagiri Prasanthi	M/S TCS Ninja	3.36
9	18761A0534	Kothagundla Sai Anusha	M/S TCS Ninja	3.36
10	18761A0537	Mandava Sai	M/S TCS Ninja	3.36
11	18761A0538	Mulupuri Aksha	M/S TCS Ninja	3.36
12	18761A0546	Pullagura Meghana	M/S TCS Ninja	3.36
13	18761A0551	Vaddi Madhav Sai Vishnu Teja	M/S TCS Ninja	3.36
14	18761A0553	Vemana Ajith Rahul	M/S TCS Ninja	3.36
15	18761A0558	Y Vikram Kumar Ravindra Bhupathi	M/S TCS Ninja	3.36
16	18761A0565	Bezawada Vamsi Krishna	M/S TCS Ninja	3.36
17	18761A0568	Bhupathi Mohan Sai Krishna	M/S TCS Ninja	3.36
18	18761A0575	Durga Vasanthi Korrapolu	M/S TCS Ninja	3.36
19	18761A0579	G Sindhu Sri Venkata Sai Tejaswi	M/S TCS Ninja	3.36
20	18761A0583	Ijju Bhargav	M/S TCS Ninja	3.36
21	18761A0587	Katuri Nanda Kumar	M/S TCS Ninja	3.36
22	18761A0592	Kotagiri Roshini	M/S TCS Ninja	3.36
23	18761A0598	Metla Jaswanth Sai	M/S TCS Ninja	3.36
24	18761A05A1	N.Krishna Priya	M/S TCS Ninja	3.36
25	18761A05A6	Pasumarthi Jagadeesh Kumar	M/S TCS Ninja	3.36
26	18761A05B1	Sahu Ranjith Kumar	M/S TCS Ninja	3.36
27	18761A05B8	Vadlamudi Charithasri	M/S TCS Ninja	3.36
28	19765A0509	Killamsetti Suguna	M/S TCS Ninja	3.36
29	19765A0512	Y Venkata Anjaneya Vamsi Krishna	M/S TCS Ninja	3.36
30	18761A0555	Vudari Rahul Krishna	M/S CTS GenC Next	6.75
31	18761A0569	Rishie Chandan Bollepalli	M/S CTS GenC Next	6.75
32	19765A0508	Gowrisetti Ashok Kumar	M/S CTS GenC Next	6.75
33	18761A0542	Nagavarapu Naga Jyothi	M/S CTS GenC Elevate	4
34	18761A0543	Nukathoti Ooha Gnana Madhuri	M/S CTS GenC Elevate	4
35	18761A0551	Vaddi Madhav Sai Vishnu Teja	M/S CTS GenC Elevate	4

36	18761A0579	G Sindhu Sri Venkata Sai Tejaswi	M/S CTS GenC Elevate	4
37	18761A0583	Ijju Bhargav	M/S CTS GenC Elevate	4
38	18761A0592	Kotagiri Roshini	M/S CTS GenC Elevate	4
39	18761A05A6	Pasumarthi Jagadeesh Kumar	M/S CTS GenC Elevate	4
40	18761A05A9	Rapolu Narayana	M/S CTS GenC Elevate	4
41	18761A05B4	Sunkara Geetha Ramya Sri	M/S CTS GenC Elevate	4
42	18761A0501	Akiti Ajay	M/S CTS GenC	4
43	18761A0512	Boska Ramya Latha	M/S CTS GenC	4
44	18761A0515	Chukka Saidarao	M/S CTS GenC	4
45	18761A0517	Gnaneswar Gaddam	M/S CTS GenC	4
46	18761A0518	Gandham Venkata Ravi Teja	M/S CTS GenC	4
47	18761A0520	Gopisetti Venkata Narendra Babu	M/S CTS GenC	4
48	18761A0522	Gurram S V V Lakshmi Sri	M/S CTS GenC	4
49	18761A0523	Hema Sriya Dhmara	M/S CTS GenC	4
50	18761A0524	Jagathi Sai Krishna	M/S CTS GenC	4
51	18761A0528	Hemanth Kumar Kandula	M/S CTS GenC	4
52	18761A0532	Kotagiri Prasanthi	M/S CTS GenC	4
53	18761A0533	K.Yogi Nikhileswara Reddy	M/S CTS GenC	4
54	18761A0534	Kothagundla Sai Anusha	M/S CTS GenC	4
55	18761A0535	Lingareddy Himaja	M/S CTS GenC	4
56	18761A0537	Mandava Sai	M/S CTS GenC	4
57	18761A0546	Pullagura Meghana	M/S CTS GenC	4
58	18761A0562	A Venkata Sai Pavan Kumar	M/S CTS GenC	4
59	18761A0565	Bezawada Vamsi Krishna	M/S CTS GenC	4
60	18761A0570	Prasanth Chavala	M/S CTS GenC	4
61	18761A0575	Durga Vasanthi Korrapolu	M/S CTS GenC	4
62	18761A0577	Gayam Mallikarjuna Reddy	M/S CTS GenC	4
63	18761A0585	Jami Pavan Kumar	M/S CTS GenC	4
64	18761A0587	Katuri Nanda Kumar	M/S CTS GenC	4
65	18761A0590	Korampalli Sirisha	M/S CTS GenC	4
66	18761A0596	Priyanka Martha	M/S CTS GenC	4
67	18761A0597	Medarametla Pavan Kumar	M/S CTS GenC	4
68	18761A05A0	Mutina Anusha Sai	M/S CTS GenC	4
69	18761A05A1	N.Krishna Priya	M/S CTS GenC	4
70	18761A05A4	Pamarthi Ruchitha Sri	M/S CTS GenC	4
71	18761A05B3	Shaik Sajid Basha	M/S CTS GenC	4
72	18761A05B8	Vadlamudi Charithasri	M/S CTS GenC	4
73	18761A05C0	Raghava Veeragandham	M/S CTS GenC	4
74	18761A0528	Hemanth Kumar Kandula	M/S Accenture Adv.ASE	6.5
75	18761A0543	Nukathoti Ooha Gnana Madhuri	M/S Accenture Adv.ASE	6.5

76	18761A0546	Pullagura Meghana	M/S Accenture Adv.ASE	6.5
77	18761A0505	Battula Venkata Anusha	M/S Accenture ASE	4.5
78	18761A0507	Bevara Venkata Gowthami	M/S Accenture ASE	4.5
79	18761A0510	Boddu Sindhu Priya	M/S Accenture ASE	4.5
80	18761A0518	Gandham Venkata Ravi Teja	M/S Accenture ASE	4.5
81	18761A0522	Gurram S V V Lakshmi Sri	M/S Accenture ASE	4.5
82	18761A0526	Javvaji. Sravani	M/S Accenture ASE	4.5
83	18761A0533	K.Yogi Nikhileswara Reddy	M/S Accenture ASE	4.5
84	18761A0535	Lingareddy Himaja	M/S Accenture ASE	4.5
85	18761A0538	Mulupuri Aksha	M/S Accenture ASE	4.5
86	18761A0541	Mutyala Sai Supritha	M/S Accenture ASE	4.5
87	18761A0548	Shaik Resham	M/S Accenture ASE	4.5
88	18761A0555	Vudari Rahul Krishna	M/S Accenture ASE	4.5
89	18761A0560	Yenikapati Sravan Kumar	M/S Accenture ASE	4.5
90	18761A0561	Akunuru Hema Navya	M/S Accenture ASE	4.5
91	18761A0571	Chintala Maanvithaa	M/S Accenture ASE	4.5
92	18761A0577	Gayam Mallikarjuna Reddy	M/S Accenture ASE	4.5
93	18761A0579	G Sindhu Sri Venkata Sai Tejaswi	M/S Accenture ASE	4.5
94	18761A0589	Kokkiligadda Pushpa Latha	M/S Accenture ASE	4.5
95	18761A0590	Korampalli Sirisha	M/S Accenture ASE	4.5
96	18761A0592	Kotagiri Roshini	M/S Accenture ASE	4.5
97	18761A0596	Priyanka Martha	M/S Accenture ASE	4.5
98	18761A05A2	Nallamothu Kavyasri	M/S Accenture ASE	4.5
99	18761A05A4	Pamarthi Ruchitha Sri	M/S Accenture ASE	4.5
100	18761A05B1	Sahu Ranjith Kumar	M/S Accenture ASE	4.5
101	18761A05B8	Vadlamudi Charithasri	M/S Accenture ASE	4.5
102	18761A0537	Mandava Sai	M/S Latent view	6.5
103	18761A0542	Nagavarapu Naga Jyothi	M/S HackWithInfy	5
104	18761A0555	Vudari Rahul Krishna	M/S	5

			HackWithInfy	
105	18761A0583	Ijju Bhargav	M/S HackWithInfy	5
106	18761A0528	Hemanth Kumar Kandula	M/S Infosys InfyTQ	3.6
107	18761A0525	Jangam Naveen	M/S Infosys	3
108	18761A0545	Potluri Sai Sandeep	M/S Infosys	3
109	18761A05B7	Uppalapu Naveen	M/S Infosys	3
110	18761A0507	Bevara Venkata Gowthami	M/S Technovert	5
111	18761A0528	Hemanth Kumar Kandula	M/S Technovert	5
112	18761A0555	Vudari Rahul Krishna	M/S Technovert	5
113	18761A0569	Rishie Chandan Bollepalli	M/S Technovert	5
114	18761A0583	Ijju Bhargav	M/S Technovert	5
115	18761A0542	Nagavarapu Naga Jyothi	M/S TATAELXI	5
116	18761A05B9	Vanjarapu Mahesh Kumar	M/S TATAELXI	5
117	18761A0537	Mandava Sai	M/S Value Labs	4.5
118	18761A0542	Nagavarapu Naga Jyothi	M/S DELOITE	4.5
119	18761A05B9	Vanjarapu Mahesh Kumar	M/S VISTEX	4.5
120	18761A0501	Akiti Ajay	M/S Capgemini	4
121	18761A0503	Atmakuri Naga Sindhu	M/S Capgemini	4
122	18761A0522	Gurram S V V Lakshmi Sri	M/S Capgemini	4
123	18761A0542	Nagavarapu Naga Jyothi	M/S Capgemini	4
124	18761A0580	Gudipudi Naga Lakshmi	M/S Capgemini	4
125	18761A05A1	N.Krishna Priya	M/S Capgemini	4
126	18761A05B6	Uppalapati Naga Venkata Sai	M/S Capgemini	4
127	19765A0501	Kunduru. Lokesh	M/S Capgemini	4
128	19765A0512	Y Venkata Anjaneya Vamsi Krishna	M/S Capgemini	4
129	18761A0508	Bezawada Divyasri	M/S ZENSAR	4
130	18761A0531	Kopuri Sailesh	M/S ZENSAR	4
131	18761A0549	Thota Sahithi	M/S ZENSAR	4
132	18761A0557	Yadavalli Teja	M/S ZENSAR	4
133	18761A0574	Dosapati Lokesh Gupta	M/S ZENSAR	4
134	18761A0599	Sujith Mondithoka	M/S ZENSAR	4
135	18761A05A5	Parasa Thanuja	M/S ZENSAR	4
136	19765A0503	Sanagiri Pradeep	M/S ZENSAR	4
137	19765A0506	Santhi Sri.Thetla	M/S ZENSAR	4
138	18761A0511	Bojja Hema	M/S HEXAWARE	4
139	18761A0548	Shaik Resham	M/S HEXAWARE	4
140	18761A0549	Thota Sahithi	M/S HEXAWARE	4
141	18761A0597	Medarametla Pavan Kumar	M/S HEXAWARE	4
142	18761A0519	Garika Lalitha	M/S KELLTON TECH	4
143	18761A0536	Narasimha Yadav Madduluri	M/S KELLTON	4

			TECH	
144	18761A0572	Sowmya Sai Daddanala	M/S KELLTON TECH	4
145	19765A0501	Kunduru. Lokesh	M/S KELLTON TECH	4
146	18761A0503	Atmakuri Naga Sindhu	M/S HCL	3.65
147	18761A0506	B Meghana Preethi	M/S HCL	3.65
148	18761A0511	Bojja Hema	M/S HCL	3.65
149	18761A0519	Garika Lalitha	M/S HCL	3.65
150	18761A0549	Thota Sahithi	M/S HCL	3.65
151	18761A0559	Y Sai Sankeerth Reddy	M/S HCL	3.65
152	18761A0574	Dosapati Lokesh Gupta	M/S HCL	3.65
153	18761A0586	Kasireddy Avinash	M/S HCL	3.65
154	18761A05B5	Tiyyagura Chandra Reddy	M/S HCL	3.65
155	18761A0505	Battula Venkata Anusha	M/S Wipro Elite	3.5
156	18761A0507	Bevara Venkata Gowthami	M/S Wipro Elite	3.5
157	18761A0510	Boddu Sindhu Priya	M/S Wipro Elite	3.5
158	18761A0515	Chukka Saidarao	M/S Wipro Elite	3.5
159	18761A0516	Eeda Sahitya	M/S Wipro Elite	3.5
160	18761A0517	Gnaneswar Gaddam	M/S Wipro Elite	3.5
161	18761A0518	Gandham Venkata Ravi Teja	M/S Wipro Elite	3.5
162	18761A0523	Hema Sriya Dhmara	M/S Wipro Elite	3.5
163	18761A0532	Kotagiri Prasanthi	M/S Wipro Elite	3.5
164	18761A0535	Lingareddy Himaja	M/S Wipro Elite	3.5
165	18761A0537	Mandava Sai	M/S Wipro Elite	3.5
166	18761A0541	Mutyala Sai Supritha	M/S Wipro Elite	3.5
167	18761A0543	Nukathoti Ooha Gnana Madhuri	M/S Wipro Elite	3.5
168	18761A0546	Pullagura Meghana	M/S Wipro Elite	3.5
169	18761A0548	Shaik Resham	M/S Wipro Elite	3.5
170	18761A0551	Vaddi Madhav Sai Vishnu Teja	M/S Wipro Elite	3.5
171	18761A0558	Y Vikram Kumar Ravindra Bhupathi	M/S Wipro Elite	3.5
172	18761A0565	Bezawada Vamsi Krishna	M/S Wipro Elite	3.5
173	18761A0569	Rishie Chandan Bollepalli	M/S Wipro Elite	3.5
174	18761A0571	Chintala Maanvithaa	M/S Wipro Elite	3.5
175	18761A0579	G Sindhu Sri Venkata Sai Tejaswi	M/S Wipro Elite	3.5
176	18761A0583	Ijju Bhargav	M/S Wipro Elite	3.5
177	18761A0592	Kotagiri Roshini	M/S Wipro Elite	3.5
178	18761A0593	K Naga Pravallika Reddy	M/S Wipro Elite	3.5
179	18761A0596	Priyanka Martha	M/S Wipro Elite	3.5
180	18761A0597	Medarametla Pavan Kumar	M/S Wipro Elite	3.5
181	18761A05A0	Mutina Anusha Sai	M/S Wipro Elite	3.5
182	18761A05A1	N.Krishna Priya	M/S Wipro Elite	3.5
183	18761A05A6	Pasumarthi Jagadeesh Kumar	M/S Wipro Elite	3.5
184	18761A05A7	P.Vijay Kalyan	M/S Wipro Elite	3.5

185	18761A05B1	Sahu Ranjith Kumar	M/S Wipro Elite	3.5
186	18761A05B4	Sunkara Geetha Ramya Sri	M/S Wipro Elite	3.5
187	18761A05B8	Vadlamudi Charithasri	M/S Wipro Elite	3.5
188	19765A0512	Y Venkata Anjaneya Vamsi Krishna	M/S Wipro Elite	3.5
189	18761A0502	Annapureddy.Rishitha	M/S Wipro NLTH	3.5
190	18761A0503	Atmakuri Naga Sindhu	M/S Wipro NLTH	3.5
191	18761A0552	Vaddi Vinay Kumar	M/S Wipro NLTH	3.5
192	18761A0556	Vuyyuru Venu Madhav Reddy	M/S Wipro NLTH	3.5
193	18761A0560	Yenikapati Sravan Kumar	M/S Wipro NLTH	3.5
194	18761A05A9	Rapolu Narayana	M/S Wipro NLTH	3.5
195	18761A05C0	Raghava Veeragandham	M/S Wipro NLTH	3.5
196	19765A0508	Gowrisetti Ashok Kumar	M/S Wipro NLTH	3.5
197	19765A0509	Killamsetti Suguna	M/S Wipro NLTH	3.5
198	19765A0511	Sandipamu Chaitanya	M/S Wipro NLTH	3.5
199	18761A0542	Nagavarapu Naga Jyothi	M/S Wipro TURBO	5
200	18761A0577	Gayam Mallikarjuna Reddy	M/S Wipro TURBO	5
201	18761A0590	Korampalli Sirisha	M/S Wipro TURBO	5
202	19765A0507	Gampa Jayasree	M/S Wipro TURBO	5
203	18761A0537	Mandava Sai	M/S IBM	3.5
204	18761A0566	Bhimavarapu Bhavana Reddy	M/S IBM	3.5
205	18761A0579	G Sindhu Sri Venkata Sai Tejaswi	M/S IBM	3.5
206	18761A05A1	N.Krishna Priya	M/S IBM	3.5
207	18761A0503	Atmakuri Naga Sindhu	M/S Tech Mahendra	3.25
208	19765A0505	Simgamsetty Sindhu	M/S Tech Mahendra	3.25
209	18761A0518	Gandham Venkata Ravi Teja	M/S Quest Global	3.25
210	18761A0585	Jami Pavan Kumar	M/S Quest Global	3.25
211	18761A0589	Kokkiligadda Pushpa Latha	M/S Quest Global	3.25
212	18761A05B1	Sahu Ranjith Kumar	M/S Quest Global	3.25
213	18761A0563	Attaluri Jahnavi	M/S CSS CORP	3.2
214	18761A0526	Javvaji. Sravani	M/S MIND TREE	3.12
215	**18761A0502**	**Annapureddy.Rishitha**	**M/S ZENQ**	**3.6**

Editorial Board

Acknowledgements

**LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING**

(AUTONOMOUS)

Accredited by NAAC & NBA (Under Tier - I) and ISO 9001:2015 Certified Institution

Approved by AICTE, New Delhi and Affiliated to JNTUK, Kakinada

Website: http://www.lbrce.ac.in

L.B.REDDY NAGAR, MYLAVARAM, KRISHNA DIST., A.P.-521 230.

TECH-TALK

Biannual Magazine

" Education is a social process. Education is growth. Education is not a preparation for life; education is life itself "

COMPUTER SCIENCE ENGINEERING