



IT TECH TIMES

INFORMATION TECHNOLOGY, VCE

Volume 2 Issue 1

OUR VISION

To be a center of excellence in core Information Technology and multidisciplinary learning and research, where students get trained in latest technologies for professional and societal growth.

OUR MISSION

To enable the students acquire skills related to latest technologies in IT through practice oriented teaching and training.

Program Educational Objectives

The Programme will produce graduates:

1. With sound theoretical and practical knowledge to obtain employment or pursue advanced studies and solve problems in Information Technology.
2. With effective written and oral communication skills that will help them to work in a diversified and dynamic working environment.
3. With competence to succeed in their professional lives with ethical values.

PROGRAM SPECIFIC OUTCOME

The students will demonstrate:

1. Competency in programming using different programming languages to implement algorithms.
2. Competence in analysis and design of a software solution using different modelling tools
3. Competency in Electronic Design and Embedded System Design using different simulation tools.
3. With competence to succeed in their professional lives with ethical values.

Editorial Team

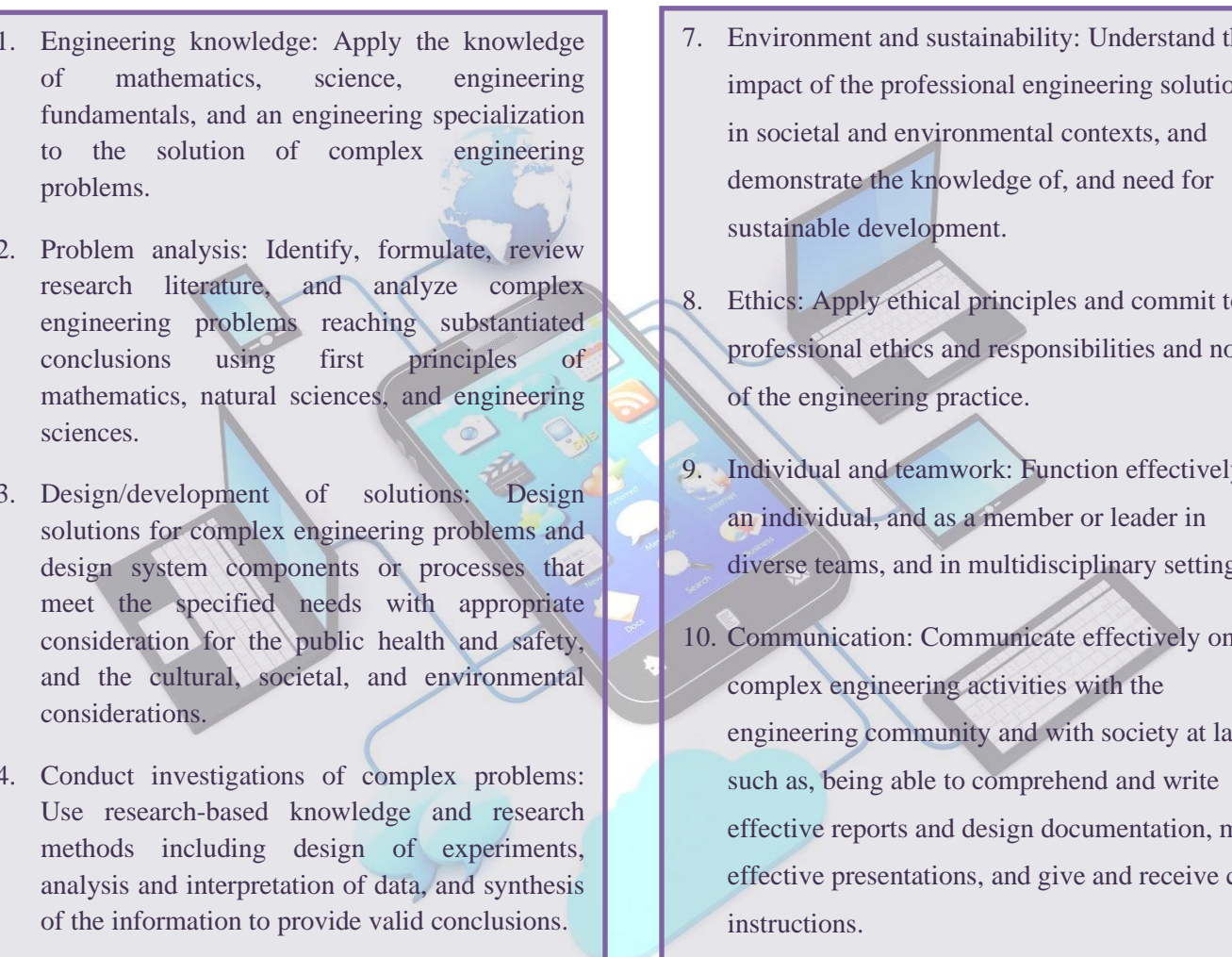
Staff: Leelavathy B, Asst. Prof.

Students:

- **Y. Suhasini**
- **R. Sowmya**
- **Harsha Rao**

PROGRAM OUTCOMES (PO'S)

Engineering Graduates will be able to:

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1. Engineering knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
 2. Problem analysis: Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
 3. Design/development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
 4. Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
 5. Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
 6. The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
 7. Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
 8. Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
 9. Individual and teamwork: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
 10. Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
 11. Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
 12. Life-long learning: Recognize the need for and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

How Blockchain could change agri-business

Blockchain and distributed ledger technologies allow those involved in the food supply chain to closely monitor and track the journey of food, from seed to plate. With real-time analytics enabling a deeper understanding of how food moves through the food chain, and where wastage occurs, growers can make more informed decisions around what quantities should be planted, and distributors will know with more certainty where there are likely to be shortages and surpluses.

IBM's own **Food Trust** is one initiative being rolled out in this field – building a secure, tamper-proof and permanent record of transactions between growers, suppliers, distributors, and retailers. One way to picture the end goal of such a system is a network of sensor technology – beginning with capturing weights of food which is shipped from farms, and ending with an accurate record of the amount of goods which is disposed of by shops and supermarkets because it perishes before it can be sold. With this data, artificial intelligence systems can be developed to manage the distribution

of food resources to wherever it is needed.

Food traceability

More than ever, consumers are taking an interest in the origins and contents of their food. Demand for organic products, sustainably raised meat and locally farmed produce has grown substantially in the past few years. But when shoppers throw an item in their basket, can they trust the label to tell them what they're really getting? The evolution in consumer tastes has given rise to an important food fraud industry. Producers can easily sell mislabeled products, because the retailer or final buyer has no real way of verifying a product's origin.

Enter blockchain. Given the fact that it can record unalterable information at every step in the food supply chain, blockchain technology can provide reliable information regarding the origins of food items and the exact journey it took from farm to table. It could enable consumers to verify from which certified farm their strawberries were picked from or in which field their grass-fed beef was raised with a single screen tap.

British company Provenance has successfully experimented with this type of application. Through the use

of blockchain technology, the Provenance app successfully tracked sustainably-fished tuna from fishermen's boats in Indonesia to restaurants in Japan. The fish were tagged and entered into a blockchain system after they were caught. Subsequently, a new entry was made every time the fish changed hands, allowing the final buyer to know exactly where the fish came from. And this is just the beginning. Apps like Provenance have the potential to allow consumers to trace not only the origin of a single piece of meat or vegetable, but of every ingredient contained in a product.

Optimising the supply chain

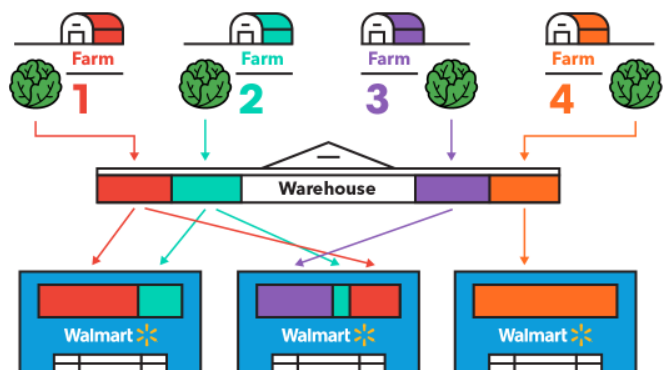
In addition to helping consumers make informed purchases, the improved supply chain transparency could also greatly benefit farmers. The agricultural sector's supply chain is notoriously complex and opaque, as shipments change hands multiple times before reaching their final destination. It is difficult for farmers to know where, for what price and how much of their products are ultimately sold. This lack of information leaves them vulnerable, and at the mercy of traders who can dictate order prices and quantities.

Blockchain technology can help rectify this imbalance by recording transactions in real time and providing up-to-date supply and demand information to participants. Having access to such information could allow farmers to properly set their own prices and optimize the quantities of products they put out on the market. Moreover, by keeping an ongoing record of participants' transaction histories, blockchain can make it much easier for parties all over the world to due diligence each other and confidently conclude transactions without the need for middlemen and agents.

Better pricing and payment options
 Finally, blockchain technology can provide lower cost and faster payment options to agri-commerce participants. In the current system, it often takes weeks for farmers to get paid for their goods, and traditional payment options such as wire

Walmart To Trace Produce With Blockchain

Typically, produce is harvested, sent to warehouses, then shipped to retailers. Without blockchain, tracing the source of goods can take days. With blockchain, the information is instantly available.



transfers can be quite costly. Blockchain can address some of these inefficiencies. Many developers have already designed blockchain-based apps that provide for cheap, secure and near-instantaneous peer-to-peer fund transfers. Some are even making use of “smart contracts” that trigger payments automatically as soon as the fulfilment of a certain condition (e.g. delivery of goods) is confirmed by the buyer. Recently, an Australian farmer became the first person to settle an agricultural transaction using this type of technology and more will surely follow in his footsteps.

-Y.Suhasini, IT –B(4/4)



AI Integrated Surveillance Systems (CCTV Security Cameras):

Electronic surveillance is the most reliable security systems. Most criminal and theft cases are solved based on **CCTV footages**. In offices, schools, streets, and malls our every move is recorded and

tracked. But, yet there are some limitations with traditional CCTV.

Conventional surveillance systems are not smart. They need human intervention and huge time consumptive while investigation.

But, **Artificial Intelligence (AI) integrated surveillance systems** are smart and intelligent. With the help of **big data and deep-learning algorithms** like *behavior and facial recognition* security cameras can predict potential vulnerabilities, menace and threats and alert police and other emergency agencies.

These intelligent machines work by their own self, without human intervention. They can analyze and track people faces and their every move. Then compare them to *the National Security Database* of suspected and wanted people.

Major companies [Hitachi](#) and [Nvidia](#) are reportedly working on AI surveillance systems.

Benefits of AI-powered security cameras:

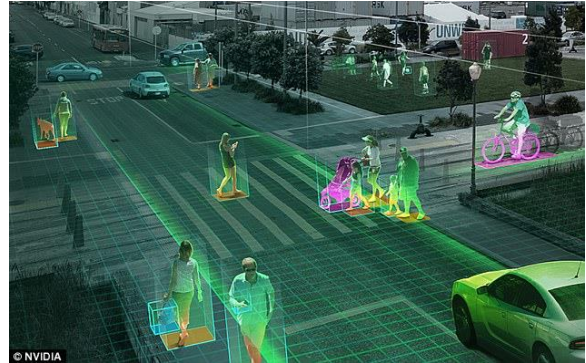
- Predicting vulnerabilities and menace
- Tracking missing children
- Identifying criminals and terrorists in the large crowd.
- Tracking theft vehicles
- Quick action
- Less human intervention

Artificial Intelligence can be a powerful and versatile new tool with huge potential to drive the public safety sector. The technology can be applied to the protection of life and property, as well as to the promotion of modern governance. Software Defined Camera by Huawei is the “first AI camera in the CCTV industry”, able to provide on-demand real-time definitions. “This allows for it to quickly adapt to the changes of multiple scenarios – where in the past a single camera did a single smart analysis, now a variety of different intelligent analysis functions are implemented at the same time in the same device,” according to the company’s statement.

Further, with the improvement of the camera’s own computing power, the intelligence becomes more precise via being hierarchical in nature, allowing the coordinated working between cameras and the cloud nodes.

This also enables the continuous evolution of algorithms and applications on the camera evolved iteratively, with advanced features such as health state self-detection, self-perception and scene adaptive learning, which in all enables visual

management of an entire network, the statement explains.



-R. Sowmya, IT-B(4/4)

DNA Storage

But, now scientists have gone much further by developing *DNA storage capabilities* by 100 times. A group of researchers from Columbia University and the New York Genome Center (NYGC) has invented a new coding strategy, named *DNA fountain*. DNA fountain is a customized version of the video streaming algorithm on a mobile phone.

With this new coding system scientist stuffed 215 petabytes of data on to a single gram of DNA strand.

The major perceived advantages of DNA data storage over digital storage are:

- DNAs can remain stable for very long (10,000s of years) without any special care which makes it a safer place to store digital information. Magnetic tapes used to archive digital data degrade after some years.
- DNA can maintain its integrity without any power supply. Also, its small size and weight make it easy to store and transport.
- DNA is less susceptible to technical failures.
- Digital storage media will soon become obsolete. The different storage media as we know—floppy disks, CDs, DVDs, portable hard drives, thumb drives, and cloud storage all have limited span of life. But as long as living things and biologists exist, someone shall be there to read DNA data.

The team succeeded in encoding some common digital format data byte-by-byte as DNA molecules. They shipped the molecules to Germany without any special packaging. The molecules were later decoded back into their respective electronic formats. The team convincingly states that the storage capacity can be scaled to create storage capacity beyond all known digital storage capacity of today (around 1 zettabyte).



While DNA storage is not re-writable, and not intended to replace your hard drive, the idea of long-term storage of large amounts of data in a very small space has advantages for archiving records and data. In contrast to a flat disc like a CD, with data only inscribed on the surface, a sheet of DNA has data stored throughout its thickness. The major challenge that remains, however, is the cost and efficiency of today's synthesizing and sequencing technologies, which currently make this system impractical for regular use. As sequencing costs continue to drop and technologies continue to advance, however, such DNA storage strategies may soon become much more practical.

-Harsha Rao, IT-B (2/4)

Alumni Activity:

- Mr. Akhil Rao Software Engineer, CDK Global, Hyderabad who is an alumnus of passed out in the year of 201 who visited the department to conduct the alumni activity handling the technical talk on the topic “Full Stack Development” for BE IV-Sem. IT-A Students on 25th January 2019.
- Mr. Sai Akhilesh, Software Engineer, Hexagon who is an alumnus of passed out in the year of 201 who visited the department to conduct the alumni activity handling a “Technical Talk on Concepts in DBMS” for BE IV-Sem IT-B student on 23rd February 2019.

Faculty Seminars/Workshops/ Guest Lectures/ Personality Development Programmes/ Conferences National / International Staff Development Programmes organized in the Department:

Staff Participation / Attended:

Sl. No	Name of the Staff Member, Designation	Title of the event (Seminar/Workshops etc.) attended & Venue	Date (s) of event	Details of experts Addressed
<i>January -2019</i>				
1	Ms. DRLPrasanna, Asst. Prof. Ms. L Divya, Asst. Prof.	Microsoft WISE Session at Microsoft Office	10.01.2019	Microsoft WISE Team
2	Mrs. S. Aruna, Assoc. Prof.	Meeting of the Virtual Lab Nodal Coordinators at Virtual Labs Digital Class room, IIIT Hyderabad, Gachibowli.	11.01.2019	Prof. Ravi Shankar, IIIT, Hyderabad
3	Mr. N. David Raju, Asst. Prof.	E-Summit-2019 as part of SWAYAM – The Entrepreneurship Development Cell of VCE at Tagore Auditorium, OU	19-20 January, 2019	<ol style="list-style-type: none"> 1. Dr. Jaya Prakash Narayana, Retd. IAS Officer 2. Mr. Arjun Rao, Founder & CEO, Value Labs 3. Mr. Sahith Gummadi, Alumnus-VCE, VP, Products at Zagg Protocol 4. Mr. Sricharan Lakkaraju, Founder, Stumagz 5. Mr. Raj Neravati, Founder & CEO of HUG Innovations Corp. 6. Ms. Vaishali Neotia, Alumni-Alumnus, VCE, Co-founder & CEO, Merxius

February - 2019

4	Dr. K. Ram Mohan Rao, Assoc. Prof. & HOD, IT	Infosys Summit, 2019 at Mysuru Campus	14-16 February, 2019	<ol style="list-style-type: none"> 1. UB Pravin Rao, Chief Operating Officer, Infosys 2. Binod Hampapur, Executive Vice President, Infosys, Hon. Chairman, Board of Governors at Rangadore Memorial Hospital 3. Thirumala Arohi, Vice President at Infosys Rajesh Ahuja, Greater New York City Area, Human Resources, Head Talent Acquisition - EMEA
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March- 2019

5	Dr. K. Ram Mohan Rao, Assoc. Prof. & HOD	International Conference on Emerging Trends in Engineering (ICETE) at UCE, OU held during 22- 23 March, 2019	22.03.2019	Attended as Session Chair
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April-2019

6	Mrs. B. Leelavathy, Asst. Prof.	6 days Short term course on Engineering Research Methodology, organized by Mechanical Engineering, UCE, OU	15.04.2019 to 20.04.2019	<ol style="list-style-type: none"> 1. Prof. P. Laxminarayana, MED, UCE, OU 2. Prof. C. Beena, UCS&AA, OU 3. Prof. M. Kumar, CED, UCE, OU 4. Prof. K. Stevenson, Communication & Journalism, OU 5. Prof. J. Hayawadana, UCT, OU 6. Prof. K. Shyama,a, CSE, UCE, OU 7. Prof. G. Mallesham, EED, UCE, OU 8. Prof. P. Ramesh Babu, MED, UCE, OU
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May -2019

1	Mr. M. Vishnu Chaitanya, Asst. Prof.	Pega Awareness Workshop for Professors at PEGA Systems facility at Hyderabad. 28-29 May, 2019	28-29 May, 2019	<ol style="list-style-type: none"> 1. Mr. Kris S V, Sr. Director, Industry Apps, PEGA Systems 2. Mr. Sarada Prasanna Satapathy, PEGA Systems 3. Mr. Suman Bhowmick, PEGA Systems 4. Ms. Sindhu Tiwari, PEGA Systems 5. Mr. Rajesh Sivakoti, PEGA Systems 6. Ms. Pratika Panda, PEGA Systems 7. Ms. Chaitra Kamaraju, PEGA Systems 8. Mr. Pranab Paul & Team, PEGA Systems
2	DRL Prasanna, Asst. Prof.	Webinar based Foundation Program using InfyTQ (Infosys Technology Quotient) Campus Connect Readiness Workshop conducted by Infosys and attended at CISCO Lab, VCE.	6-11 May, 2019	<ol style="list-style-type: none"> 1. Mr. Sunder KS, Associate Vice President, Education, Training and Assessment (ETA) and Head-Campus Connect, Infosys, Mysore. 2. Ms. Kamaljeet Kaur, Infosys 3. Mr. Anuj Jajoog, Infosys 4. Mr. Muralidharan Prabhakaran, Infosys

Publications (Conferences, Journals, Books):

S No	List of Authors	Title of the paper	Name of the Journal / Conference (with volume, pg nos & year)
1	T. Satyasavithri, S.K. Chaya Devi	RIB Suppression and Nodule Detection from Posterior and Anterior Chest Radiographs	International Conference on Sustainable Computing in Science, Technology & Management (SUSCOM-2019) organized at Amity University, Rajasthan, Jaipur, India held during February 26-28, 2019 pp2521-2527.
2	K. Shyam Sunder Reddy, C. Shoba Bindu	StreamSW: A density-based approach for clustering data streams over sliding windows	Published in Measurement Elsevier publishers. https://doi.org/10.1016/j.measurement.2018.11.041 0263-2241/© 2018 Elsevier Ltd.

Students Participation/ Achievements (Co-curricular / Extracurricular/ Other):

Co –curricular/Professional body Events organized for students in the Department for the month of February 2019:

Sl. No	Date	Details of Seminar / workshop / Guest Lecture etc.	Name of the Eminent Person and organization who have addressed	Target Audience
1	2 nd February 2019	One Day Workshop on Advanced Python: Module 2 under Computer Society of India Student's Chapter Activities	Mr Amar Sharma-Adjunct Faculty, Founder & CEO, WOIR Software India Pvt Ltd	IV-Sem IT A&B Students
2	2 nd February 2019	Lecture on Machine Learning & Project Discussion	Dr. Raghavendra Kune-Adjunct Faculty, Scientist/Engineer 'SF', Advanced Data Processing Research Institute (ADRIN), Dept. of Space, Indian Space Research Organization (ISRO)	IV Yr. II-Sem IT-A&B Students
3	15-16 February, 2019	Two Day Guest Lecture on Design & Analysis of Algorithms	Mr. Ravi Kumar Peddapu, Faculty, MADE EASY Educational Institute	IV-Sem IT A&B Students

Co –curricular/Professional body Events organized for students in the Department for the month of March 2019 :

Sl. No	Date	Details of Seminar / workshop /Guest Lecture etc.	Name of the Eminent Person and organization who have addressed	Target Audience
1	05.03.2019	Awareness program on Importance of Casting of Vote	Mr. Ravi Kiran, IFS, Additional Chief Election Officer	10 students from each section
2	09-10 March, 2019	Acuthon a 24 hour Hackathon as part of Acumen IT 2K19		Registered students Total 130 students participated from our college and other colleges.
3	09.03.2019	Projects for students	Dr. K. Raghavendra Kune, Adjunct Faculty-IT-VCE & Scientist/Engineer S/F, ADRIN, ISRO, Hyderabad.	IV Yr. II-Sem IT A&B students
4	23.03.2019	Lecture on Machine Learning	Dr. K. Raghavendra Kune, Adjunct Faculty-IT-VCE & Scientist/Engineer S/F, ADRIN, ISRO, Hyderabad.	IV Yr. II-Sem IT A&B students

Co –curricular/Professional body Events organized for students in the Department for the month of April 2019 :

Sl. No	Date	Details of Seminar / workshop /Guest Lecture etc.	Name of the Eminent Person and organization who have addressed	Target Audience
1	13.04.2019	Guest Lecture on Design & Analysis of Algorithms in R-Block Seminar Hall under Professional Body Activity	Mr. Naveen, Global Head, Research & Training, Campus Corporate Connect	IV-Sem IT A&B students
2	17.04.2019	Lecture on Embedded Systems	Dr. K. Raghavendra Kune, Adjunct Faculty-IT-VCE & Scientist/Engineer S/F, ADRIN, ISRO, Hyderabad.	VI-Sem IT A&B Students
3	22.04.2019	Workshop on Introduction to Python	Mr Amar Sharma, Adjunct Faculty-IT-VCE, Founder & CEO, WOIR Software India Pvt Ltd.	I -Year (IT-A&B) Students

Student Achievements:

- About 24 BE students from all the years i.e., I, II, III and IV years have secured Merit Awards- Attendance, Marks & Best Project, & Topper in Passed out students for the academic year 2017-18 in the month of January 2019.
- The Below mentioned students have attended the **Professional Certificate Program in 'Artificial Intelligence and Emerging Technologies'** at **IIT Hyderabad in association with Talent Sprint** 5-week full time program started from 27th May 2019 to 29th June 2019.

S. No.	Year / Semester	H.T. No.	Student Name
1	B.E. IT V-Sem.	1602-17-737-014	Lahari
2		1602-17-737-024	Praneeth
3		1602-17-737-055	Varun Reddy
4		1602-17-737-077	Jatin
5		1602-17-737-099	Ramana
6	B.E. IT VII-Sem	1602-16-737-078	Kiranmayi Anupindi

- Mr. Abhijith Reddy [1602-15-737-061] participated in Sports Bout – Badminton conducted by CVSR Campus held during 04-05 January 2019.
- The following students secured First & Second Prizes in Virtual Labs Remote Internship held from June -December 2018.
 - Gowtham [1602-16-737-074]– 3rd yr. IT-B Student secured First Prize (cash prize of Rs. 1250/-).
 - Devika [1602-16-737-071] 3rd Yr. IT-B student secured Second Prize (Cash prize Rs. 1000/-).
- Ms. Dara Yamini [1602-15-737-059] got Harsha Vardhan Podipireddy Memorial Young Leader award-2019.
- Ms. Sreeja (1602-16-737-107) participated & **secured 2nd Place** in the event of Hackathon (24 hour) in Technovanza 2K19 on March 11th & 12th 2019 by IEEE MVSR Student branch.
- Ms. Lahari Pokala (1602-17-737-014) was awarded **Certificate of Merit by Vasavi 1991 Alumni** for being topper in the batch till second year first semester. This award presented in Euphoria 2019 conducted on 16.03.2019.
- Following students participated in 15-hour Hackathon – 'MJ Hack Revolution' powered by XIT solutions and Bothook & organized under CSI in collaboration with Entrepreneurship Cell, MJCET on 27.01.2019. **Team 3 created an App on 'Hospital Finder' and their work has been highlighted in the Newspaper.**

Team1	Team2	Team3
1. Sarika[1602-16-737-102], 2. Lahari [1602-16-737-020], 3. Kiranmayi[1602-16-737-078],	Sai Charan[1602-16-737-095] Shiva [1602-16-737-104] Praneet G[1602-16-737-037]	Abhishek [1602-15-737-002] Sravya[1602-15-737-047], Abhijith[1602-15-737-001]

Best Projects 2017-18

Sl. No.	HT.No.	Name of the Student	Project Title	Nature of the Prize for their project
1	1602-14-737-015	BODLA NIKHILESH KUMAR	Design Development and Customization Tracker	I BEST
2	1602-14-737-033	PULUGAM SAI KRUPA		
3	1602-14-737-043	D SHANTHI SREE		
4	1602-14-737-060	CHANDEL YOGESH SINGH	Primavera-Gateway (Oracle)	II BEST

- The following IV-Semester A&B section students are attended 'Image Hack' organized by Muffakham Jah College of Engineering & Technology (MJCET) during 23-24 February, 2019.

S. No.	H.T. No.	Student Name
1	1602-17-737-004	Y. Abhiram
2	1602-17-737-014	Lahari P

S. No.	H.T. No.	Student Name
7	1602-17-737-061	A.K. Arbaz
8	1602-17-737-064	R. Akhila Reddy

3	1602-17-737-032	K. Saheeshna
4	1602-17-737-052	P. Suraj
5	1602-17-737-053	G. Varun Dev
6	1602-17-737-054	G. Varun

9	1602-17-737-071	P. Bhargav Reddy
10	1602-17-737-085	K. Nava Prashanth
11	1602-17-737-087	A.Nikitha Reddy
12	1602-17-737-099	A.Sai Ramana

- The following teams were selected for Smart Rice Hackathon organized by ICAR-IIRR held on 9-10 February, 2019.

1. Team Name: GothamRogue

S. No.	Student Roll No.	Name	Prize Details
1	1602-16-737-001	T.K.AISHWARYA	Participation Certificate
2	1602-16-737-044	KV SHIVANI	Participation Certificate
3	1602-16-737-055	KABIR VARSHA	Participation Certificate
4	1602-16-737-027	NAVYA MATTA	Participation Certificate

2. Team Name: Genetic Coders – 3rd Prize (Rs. 2500/- Cash Prize)

S. No.	Student Roll No.	Name	Prize Details
1	1602-16-737-095	K. SAI CHARAN	3rd prize (Rs. 2500/- Cash Prize) & Participation Certificates
2	1602-16-737-117	T. VARUN TEJA	
3	1602-16-737-104	K. SHIVA KUMAR	
4	1602-16-737-081	LOKESH KUMAR	

- Following 4 students from VI-Sem (1) & IV-Sem (3) students respectively selected for Talent Sprint WE (Women Engineers) Cohort-2019 Program supported by Google. They are attending TalentSprint WE Program first Bootcamp at Hyderabad on May 31, 2019 supported by Google at TalentSprint.

S. No.	Year / Semester	H.T. No.	Student Name
1	B.E. IT VI-Sem	1602-16-737-006	Akshitha Gajawada
2	B.E. IT IV-Sem.	1602-17-737-073	Divya Varshini Moturi
3		1602-17-737-048	Srihitha
4		1602-17-737-087	Nikhitha

Other important events, if any:

- Ms. DRL Prasanna, Asst. Prof. received Certificate of Appreciation in recognition of her contribution as coordinator for organizing E&ICT Academy-NIT Warangal funded FDP on Machine learning using Python from 29-11-18 to 05-12-2018 at VCE sponsored by Ministry of Electronics and Information Technology (MeitY, GOI).
- The college was awarded 'Half Yearly Best Performance Nodal Center Award' from Virtual Labs, IIIT, Hyderabad for the period June-December 2018 for consistent effort and dedication to spread the usage of labs which has exceeded the target. Dr. K. Ram Mohan Rao, Assoc. Prof. & HoD, IT (The Nodal Coordinator) was congratulated for his efforts for coordinating and ensuring good use of Virtual Labs in the college.

- Proposal submitted by Dr. K. Ram Mohan Rao, Assoc. Prof. & HoD, IT for establishing Deep Learning Lab in IT Department with a budget of Rs. 20,00,000/- (Rupees Twenty Lakhs only) under MODROBS has been evaluated and provisionally recommended by AICTE.
- Dr. V. Venkata Krishna Attended his Scholar student Mr. A. Mallikarjuna Reddy, Ph.D. Viva Voce in CSE Discipline on 28.02.2019 at JNTU, Kakinada
- Dr. V. Venkata Krishna Scholar Mr. A.Mallikarjuna Reddy has been provisionally declared qualified for the award of degree of Doctor of Philosophy on 07.03.2019 and the thesis entitled 'Region based Methods on Facial Images for Effective Face Recognition and Age Classification' in thesis faculty of CSE. Viva Voce held on 28.02.2019 at JNTU, Kakinada.
- Mr. P. Jithendra Srinivas Kumar Research Scholar under Dr. V. Venkata Krishna, Prof. awarded Ph.D. degree for thesis entitled 'Age Classification Based on Local Features' in Computer Science (CSE) Department, Krishna University, Machilipatnam.
- Dr. K. Ram Mohan Rao, Professor & Head is the Convener for CYBER-OPS Bootcamp organized by CISCO during 07-14 June, 2019.

