# Vasireddy Venkatadri Institute of Technology

**(Autonomous)**

Approved by AICTE, Permanently Affiliated to JNTU Kakinada,

NAAC Accredited with "A" Grade, ISO 9001:2015 Certified,

NBA Accredited: B. Tech Programs – CE| CSE | ECE | EEE | ME | IT

DEPARTMENT OF COMPUTER SCIENCE ENGINEERING

## Volume-11, Issue-01 * The CSE Buzz * – (Quarterly News Letter) July – September 2020

### Editorial Board

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### HOD's Message

Dear Readers….!

One of the primary objectives of any department is to ensure that students across different programs achieve their respective Program Educational Objectives. Every course that students undertake should culminate in the attainment of all course outcomes. Course instructors are dedicated to delivering content to every student in the classroom ethically. As part of this process, various activities such as brainstorming exercises for advanced learners and makeup/remedial classes for those progressing at a slower pace are organized. When students avail themselves of these programs, they benefit to the fullest extent. Ultimately, the point where all these efforts are put to the test, for both students and instructors alike, is during the End-Semester Examinations

So, dear readers, before I conclude from my desk, I encourage all students to showcase their comprehensive understanding in the upcoming End-Semester Examinations.

## Faculty Achievements

Dr P Sudhakar, a faculty member of the Department of Computer Science and Engineering, has been awarded the Wipro Certified Faculty certificate by Talent Next and Wipro's Digital Skills Readiness Program. This certificate recognizes his expertise and mentorship in Project Based Learning (PBL) in Java J2EE, a popular programming language and platform for web development. Dr P Sudhakar has successfully passed the Talent Next certification assessment, which tests the knowledge and skills of the faculty members in the latest digital technologies. He is one of the few faculty members in the country who have achieved this prestigious certification. We congratulate Dr P Sudhakar for his remarkable achievement and wish him all the best for his future endeavours.

| SNo. | Faculty Name | Topic | Venue / Sponsored / Conducted |
|---|---|---|---|
| 1 | Dr Raya Choti Eswaraiah | Artificial Intelligence and Deep Learning | APSSDC |
| 2 | A Prashant | Artificial Intelligence &Deep Learning | APSSDC, 3600digitmg |
| 3 | Md Salma Sultana | AI&DP | APSSDC |
| 4 | Mandula China Pentu Saheb | Three Day Faculty Development program on "MICROSOFT AZURE CLOUD AWARENESS | RICE Krishna Sai Prakasam Group of Institutions, Ongole |
| 5 | Dr. Shaik Khaja Mohiddin | Microsoft Azure cloud awareness programme | Dept. of CSE RISE group of institutions, ONGOLE |
| 6 | Md Salma Sultana | Microsoft Azure cloud awareness programme | RISE Krishna Sai Group of Institutions, ONGOLE |
| 7 | Jeevan Babu | COVID-19 PANDEMIC AWARENESS | RISE KRISHNA SAI PRAKASAM GROUP OF INSTITUTIONS, ONGOLE |
| 8 | Dr. K. Lohitha Lakshmi | Microsoft Azure cloud awareness programme | Dept. of CSE RISE group of institutions, ONGOLE |
| 9 | Vijayananda Ratnam Ch | Four-day online FDP on "Block Chain Technology and Cyber Security" | VIKAS Group of Institutions, Vijayawada |
| 10 | V.S. Vaishnavi | Block Chain Technology and Cyber Security | Vikas group of institutions, Vijayawada |
| 11 | K Vikas | Block Chain Technology and Cyber Security | Vikas group of institutions, Vijayawada |
| 12 | Md Salma Sultana | BLOCK CHAIN & CYBER SECURITY | Vikas group of institutions, Vijayawada |
| 13 | Hari Prasad Chandrika | BLOCK CHAIN TECHNOLOGY AND CYBER SECURITY | TRYLOGIC |
| 14 | Rama Devi Gunnam | AWS CLOUD COMPUTING | APSSDC |
| 15 | Rama Devi Gunnam | BLOCK CHAIN TECHNOLOGY | APSSDC |
| 16 | Mandula China Pentu Saheb | Five-day online Faculty Development Program on "Block Chain Technology" | ANDHRA PRADESH STATE SKILL DEVELOPMENT CORPORATION |
| 17 | Mandula China Pentu Saheb | Block Chain Technologies | Skill AP APSSDC |
| 18 | Dr. Sanjay Gandhi Gundabatini | Five-day online FDP on "Blockchain Technology" | APSSDC |
| 19 | Dr Raya Choti Eswaraiah | Block Chain Technology | APSSDC |

| 20 | Dr. Shaik Khaja Mohiddin | python programming | APSSDC |
|---|---|---|---|
| 21 | Dr. Shaik Khaja Mohiddin | AWS CLOUD COMPUTING | APSSDC |
| 22 | Syed Seema Anjum | Block Chain Technology | APSSDC |
| 23 | A Vishnuvardhan | Successful Research Papers: From Concept to Submission | KITS Warangal in association with GIST (New Delhi) |
| 24 | Md Salma Sultana | BLOCK CHAIN TECHNOLOGY | APSSDC |
| 25 | Jeevan Babu | BLOCK CHAIN TECHNOLOGY | APPSC |
| 26 | Hari Prasad Chandrika | BLOCK CHAIN TECHNOLOGIES | IDS Inc |
| 27 | Mandula China Pentu Saheb | Two- Day National Level Online Workshop on | VIKAS College of Engineering and Technology, Nunna, Vijayawada |
| 28 | Dr. T. Kameswara Rao | PYTHON NUMPY FOR BEGINNERS | Vikas College of Engineering and Technology, Nunna, Vijayawada |
| 29 | Jeevan Babu | PYTHON NUMPY FOR BEGINERS | Vikas College of Engineering and Technology, Nunna, Vijayawada |
| 30 | Hari Prasad Chandrika | PYTHON NUMPHY FOR BEGINERS | VIKAS GROUP OF EDUCATIONS, VIJAYAWADA |
| 31 | Mandula China Pentu Saheb | Three-Day Faculty Development Program on "ARTIFICIAL INTELLIGENCE, NEURAL NETWORKS & its Applications" | Tirumala Engineering College, Narasaraopet |
| 32 | Mandula China Pentu Saheb | Three Day Online Faculty Development Programme On "Demystifying AI, ML & Data Science" | Visvesvaraya College of Engineering & Technology, Ibrahim patnum |
| 33 | Byra Pardha Saradhi | Step Into RPA | UI Path, Bangalore |
| 34 | T Seshu Chakravarthy | Three-Day Faculty Development Program on "ARTIFICIAL INTELLIGENCE, NEURAL NETWORKS & its Applications" | Tirumala Engineering College, Narasaraopet |
| 35 | Dr. T. Kameswara Rao | A Survey on Detection of | VVIT |
| 36 | Md Salma Sultana | TIME COMPLEXITIY IN GENETIC ALGORITHM | VVIT |
| 37 | Byra Pardha Saradhi | Plagiarism Awareness - Research & Academic Ethics | Integral University, Lucknow |
| 38 | K Vikas | Machine learning with Dimentionality reduction | Vikas group of institutions, Vijayawada |

| 39 | Vijayananda Ratnam Ch | Five-day online Faculty Development Program on "Cyber Security" | Gudlavalleru Engg. College, Gudlavalleru |
|---|---|---|---|
| 40 | Dr. Sanjay Gandhi Gundabatini | Five-day online Faculty Development Program on "Cyber Security" | Gudlavalleru Engg. College, Gudlavalleru |
| 41 | Byra Pardha Saradhi | Cyber Security | Gudlavalleru Engg. College, Gudlavalleru |
| 42 | Syed Seema Anjum | "Cyber Security" | Gudlavalleru Engg. College, Gudlavalleru |
| 43 | K Vikas | Cyber Security | Gudlavalleru Engg. College, Gudlavalleru |
| 44 | Narendra Sanam | Big Data Analytics | Malla Reddy Institute of Technology and Science |
| 45 | Mandula China Pentu Saheb | CLOUD COMPUTING AND MIGRATION | Lords institute of engineering and technology, Himayat Nagar |
| 46 | A Vishnuvardhan | Effective Article Writing | Research Brains |
| 47 | Md Salma Sultana | ETHICAL HACKING & DATA SECURITY | MAHATMA GANDHI INSTITUTE OF TECHNOLOGY, HYDERABAD |
| 48 | Dr. K. Lohitha Lakshmi | Data Science for All | NIT Warangal, IIITDM Jabalpur, NIT Patna |
| 49 | A Prashant | An Academic Perspective on Research | SRKR Engineering College |
| 50 | Dr. T. Kameswara Rao | RECENT TRENDS IN ARTIFICIAL INTELLIGENCE AND SOFT COMPUTING -II | R.M.D. ENGINEERING COLLEGE, Kavaraipettai, Tamil Nadu |
| 51 | Dr. Shaik Khaja Mohiddin | Verilog HDL based VLSI Design | APSSDC |
| 52 | Dr. T. Kameswara Rao | Application Of Data Science For Industries Problem Through Python | EXCELR |
| 53 | Dr. T. Kameswara Rao | Machine Learnings and its applications | GIET, Rajahmundry |
| 54 | Dr. K. Lohitha Lakshmi | Machine Learning and its Applications | Godavari Institute of Engineering and Technology |
| 55 | Narendra Sanam | Computer network simulation using NS2 | MGIT Hyderabad |
| 56 | Narendra Sanam | Application Of Data Science for Industries Problem | JNTUK Kakinada |
| 57 | Dr. Shaik Khaja Mohiddin | Top Trending Technologies in the world | Dept. pf IT, NIT Nagpur |
| 58 | Dr. Shaik Khaja Mohiddin | CYBER SECURITY AND EMERGING DATA PROTECTION REGULATION IN INDIA | KLE institute of technology, Hubli |

| 59 | A Prashant | High Quality Medical Diagnosis using Data Science for Societal Benefits | V R Siddhartha Engineering College |
|---|---|---|---|
| 60 | Dr. Sanjay Gandhi Gundabatini | 1 Week STTP on "Data Science for Social Good" | PVP SIT, Vijayawada |
| 61 | Dr. T. Kameswara Rao | Machine learning and computer vision | NIT Silchar, Assam; Gauhati university institute of sc. and tech., Gauhati, assam |
| 62 | Mandula China Pentu Saheb | Android Development with Kotlin | Google Developers |
| 63 | Dr. Sanjay Gandhi Gundabatini | One week FDP on "AI using Python" | GMR IT& NYCI, Rajam |
| 64 | Dr Raya Choti Eswaraiah | Data Science | APSSDC |
| 65 | T Seshu Chakravarthy | High quality medical diagnosis using data science for social benefits | VR Siddhartha college of engineering |

## CSE Expertise: Coursera's Accredited Achievement

| S. No | Name | Course Title | Date |
|---|---|---|---|
| 1 | A. Ahamad | Introduction to AI | aug/3/2020 |
| 2 | A. Nikhitha | Data collection and processing with python | July/3/2020 |
| 3 | A. Nikhitha | Introduction to AI | July/3/2020 |
| 4 | A.S. Lalitha | Design thinking for innovation | sep/13/2020 |
| 5 | B. Bhanu | Introduction to AI | aug/7/2020 |
| 6 | B. Bhanu | C for everyone | aug/6/2020 |
| 7 | B. Harshitha | AI for Everyone | aug/7/2020 |
| 8 | B. Jiswanthnaik | Data collection and processing with python | July/10/2020 |
| 9 | B.N. Kranthi Sri | AWS Fundamentals: going cloud native | July/29/2020 |
| 10 | B.N. Kranthi Sri | AWS Fundamentals: addressing security risk | aug/13/2020 |
| 11 | Boyapati Harshitha | Mathematics for Machine Learning: Linear Algebra | aug 14,2020 |
| 12 | G. Yeshwanth | AI for Everyone | July/31/2020 |

| 13 | I. Deepthi | Problem solving through programming in C | sep to dec 2020 |
|----|------------|------------------------------------------|------------------|
| 14 | I.Sai.Deepika | Mathematical thinking in computer science | aug/13/2020 |
| 15 | Immadisetty Sai Deepika | AI for everyone | July 4,2020 |
| 16 | K. Amitha | Java tutorial course | sep/11/2020 |
| 17 | K.M. Sai Lakshmi | Introduction to electronics | July/5/2020 |
| 18 | K.M. Sai Lakshmi | Interview research and preparation | aug/8/2020 |
| 19 | K.M. Sai Lakshmi | Basic Mobile Ethical Hacking Course | aug/6/2020 |
| 20 | K.V.S.S.S. Lekha Likitha | Git&Github crash course | July/29/2020 |
| 21 | K.V.S.S.S. Lekha Likitha | Java course | aug/15/2020 |
| 22 | K.V.S.S.S. Lekha Likitha | Python course | aug/9/2020 |
| 23 | Lokeswa Reddy Gujavarthi | Python Programming Essentials | aug 1,2020 |
| 24 | M.S. Swaroop | Introduction to AI | July/11/2020 |
| 25 | M.V. Suchitra | Python functions, files and dictionaries | July/22/2020 |
| 26 | N.L. Tejaswini | Data collection and processing with python | July/13/2020 |
| 27 | N. Sai Harshitha | Python basics | July/18/2020 |
| 28 | Nitya kranthi | Java tutorial course | aug/11/2020 |
| 29 | Nitya kranthi | Java script tutorial course | aug/3/2020 |
| 30 | P. Charithasri | python basics | July/27/2020 |
| 31 | S.V. Manoj Kumar | Video basics with OpenCV and python | sep/7/2020 |
| 32 | S.V. Naazleen | Java Programming | sep/4/2020 |
| 33 | T. Anirudh | Python classes and inheritance | sep/17/2020 |
| 34 | V.Bhanu Prakash | Attempted quiz in python | sep/11/2020 |

**Generic Preventive Measures / COVID – 19 Appropriate Behavior.**

The following public health measures are to be followed to reduce the risk of COVID-19 by all (faculty members, employees, students and visitors) in these places at all times:

i. Physical distancing of at least 6 feet to be followed as far as feasible.

ii. Use of face covers/masks to be made mandatory.

iii. Frequent hand washing with soap (for at least 40-60 seconds) even when hands are not visibly dirty. Use of alcohol-based hand sanitizers (for at least 20 seconds) can be done wherever feasible.

iv. Respiratory etiquettes to be strictly followed. This involves strict practice of covering one's mouth and nose while coughing/sneezing with a tissue/handkerchief/flexed elbow and disposing of used tissues properly.

v. Self-monitoring of health by all and reporting any illness at the earliest.

vi. Spitting shall be strictly prohibited.

vii. Installation & use of Aarogya Setu App shall be advised wherever feasible.

**All the students are advised to maintains the S|M|S instructions as the fight with COVID-19 is still ON**

# Sanitizer | Mask | Social Distance

## Department Vision:

Providing quality education to enable the generation of socially conscious software engineers who can contribute to the advancement in the field of computer science and engineering.

## Department Mission:

1. To equip the graduates with the knowledge and skills required to enable them to be industry ready.
2. To train socially responsible, disciplined engineers who work with good leadership skills and can contribute for nation building.
3. To make our graduates proficient in cutting edge technologies through student centric teaching-learning process and empower them to contribute significantly to the software industry
4. To shape the department into a Centre of academic and research excellence

## Program Educational Objectives (PEO"S):

### PEO-1:

To provide the graduates with solid foundation in Computer Science and Engineering along with the fundamentals of Mathematics and Sciences with a view to impart in them high quality technical skills like modeling, analyzing, designing, programming and implementation with global competence and helps the graduates for life-long learning.

### PEO-2:

To prepare and motivate graduates with recent technological developments related to core subjects like Programming, Databases, Design of Compilers and Network Security aspects and future technologies so as to contribute effectively for Research & Development by participating in professional activities like publishing and seeking copy rights.

### PEO-3:

To train graduates to choose a decent career option either in high degree of employability/Entrepreneur or, in higher education  by empowering students with ethical administrative acumen, ability to handle critical situations and training to excel in competitive examinations

### PEO-4:

To train the graduates to have basic interpersonal skills and sense of social responsibility that paves them a way to become good team members and leaders.