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### HOD's Message

Dear Readers....!

Wishing that, this e-newsletter finds all of you in a safe and secure condition, especially students along with your parents.

As the fight with Covid-19 pandemic is still ON, we are all circumspect and watchful in all our activities every day. This kind of prudent nature should become a part of our life throughout this season to safe guard us and our society from being hit by the Pandemic. This trimester also our academic operations were done on-line only, which doubled our confidence in content transfer even on this kind of digital platforms, indeed live mostly. Other than the regular teaching-learning we also accomplished our Professional Society Activities and successfully organized the 2-Day ACM Annual Tech-Event "Spardha-2020", digital mode, in which the objectives were achieved. The FDP's and EECSE-2020 e-Conference were also on their run as planned.

As I assured, I would like to explore the entire cutting-edge IT facets that are serving the mankind to fight CORONA Virus in this issue for the sake of IT students especially. Please do read and enjoy. That's all from my desk.

\*\*\* STAY HOME, STAY SAFE, STAY CONNECTED \*\*\*

### Two Day National e-Conference on EECSE-2020 AT VVIT during 20-21 July 2020

Vasireddy Venkatadri Institute of Technology, Nambur, organized a two-day National E-Conference on Electrical Electronics and Computing Systems in Engineering (EECSE-2020), sponsored by AICTE, under the theme "Application of Power Electronics in Renewable Energy Systems and Electrical Drives using IoT", scheduled during 20-21 July 2020 as informed by Sri Vasireddy Vidya Sagar, Chairman of VIVA-VVIT Institutions.

The e-Conference Chair Dr K.Giribabu, Professor in Electronics and Communication Engineering and Dean of Studies, VVIT, informed that this is the 2<sup>nd</sup> National e-Conference being organized by Vasireddy Venkatadri Institute of Technology. He added that this year due to the unprecedented outbreak of dangerous COIVD-19 Pandemic, we organized this EECSE-2020 as e-conference, on digital platform by taking in to account of several trade-offs and excessive safety measures as suggested by the AICTE.

Earlier, the chief guest and key-note address speaker of this e-conference Dr. Chinmoy Saha, Associate Professor, Department of Avionics, Indian Institute of Space Science & Technology, Trivandrum, Kerala, delivered his inspiring speech on this digital platform to all the registered delegates across the state. In his speech he emphasized on pervasive computing techniques in Electrical Electronics and CSE/IT engineering especially in Artificial Intelligence and Signal Processing using Internet of Things.

Later in the day-1 ECE stream of presentations, Sri Kota Nagar Srinivasa Rao Batta, Assistant Professor, Department of Electronics and Communication Engineering, National Institute of Technology, Warangal, Telangana, acted as the key note speaker and delivered latest trends and technologies and research progresses in Electronics and Communication Engineering, in a simple and illustrative manner for all the delegates.

On the same day-1 for EEE stream of presentations, Dr. T.Narasa Reddy and Sri Bhaskar, faculty of Indian Institute of Technology Mandi, Mandi district, Himachal Pradesh, acted as the guest speaker and enlightened the audience with the IoT augmentation of Electronic devices in Renewable energy with power electronics. The chief guest and key-note speaker of day-2 of conference Prof. Dr. R.Padmavathy, Associate Professor of NITW, Warangal, Telangana, overwhelmingly addressed the e-conference audience about the recent developments and ensemble

techniques which are fast growing in every domain of research especially in network security in cyber world with a comprehensive grass root level case study of analysis.

The Chairman of VIVA-VVIT Institutions, Sri Vasireddy Vidya Sagar, a silent visionary with a missionary zeal, in this regard stated that the institute is always ready to support and take up any challenging step forward in to the realization of its vision. The institute is fully equipped with all cutting-edge technological facilities including Siemens' CoE, GoogleCode

Labs, Dassault's Systems Lab and the intellectual scholarly research faculty, to inculcate the research spur in students from the very early stages of exploring core engineering concepts. He congratulated all the e-conference team and researchers for making constructive and successful utilization of lockdown period of educational institutions.

Dr. Y.Mallikarjuna Reddy, Principal of VVIT-the e-host Institute of this e-conference stated that they are proud to organize it on digital platform and added VVIT always motivates true researchers while showing extreme interest in joining hands with quality innovative research organizations and communities that provide ample platform for the true global recognition of every aspiring domestic researcher. He also added that VVIT is maintaining strong research groups and conducting research colloquia often for churning out the quality research. Dr Reddy also inspired the young researchers that the fruits of true research should help better the living standards of every citizen across the society.

Dean of Academics Prof. N.Kumara Swamy, of VVIT congratulated all the delegates and advised that presentation of once research work, of whatever quantity and quality it is, will help the scholar to right-tune thyself with the quality, novelty and ground breaking research techniques while defending their iota of work before the experts.

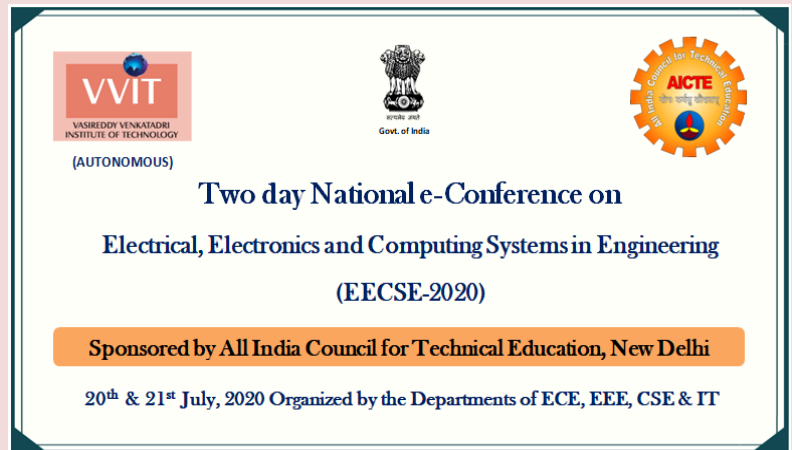
The Conference Convener Dr. Ch.V.Suresh informed that the aim of this e-conference has been achieved successfully by catering the acute research needs of aspiring research scholars. He revealed that nearly 85 manuscripts were short-listed for presentation in the e-conference after scrutinizing 159 manuscripts received during 1st Jun to 12th July 2020 in a qualitative careful double blind folded review by experts in the Conference Review Experts Panel.

Later, in four streams channeled in parallel for ECE, EEE, CSE and IT, the research paper presentations were conducted under the supervision of expert members from the Conference Review Experts Panel as Chairs.

On the valedictory the conference convener, Dr. Ch.V.Suresh, thanked all the Key Note Speakers, Special Guests, Chairman of VIVA-VVIT Institutions Sri Vasireddy Vidya Sagar , Secretary Sri S.Badari Prasad Joint Secretary Sri M.Sreekrishna, Principal Dr. Y.Mallikarjuna Reddy, Dean of Academics Prof. N.Kumara Swamy, Dean of Studies Dr. K.Giribabu and all Heads of Departments for extending their support in materializing this E-Conference.

He also congratulated all the members of advisory and organizing committees and Expert Review Panel of this distinguished e-conference, which is going to publish its proceedings in Emerging Sources Citation Index (ESCI) Journal WAFFEN-UND KOSTUMKUNDE (ISSN Online: 0042-9945), Denmark and index with a Digital Object Identifier (DOI) for all the accepted manuscripts in Web of Science data bases, a place where every research scholar always dream to.

A number of 85 research articles and 179 research scholars participated in this e-conference as informed by the Convener. E-certificates were processed to all the scholars for their digital participation in this national level e-conference.

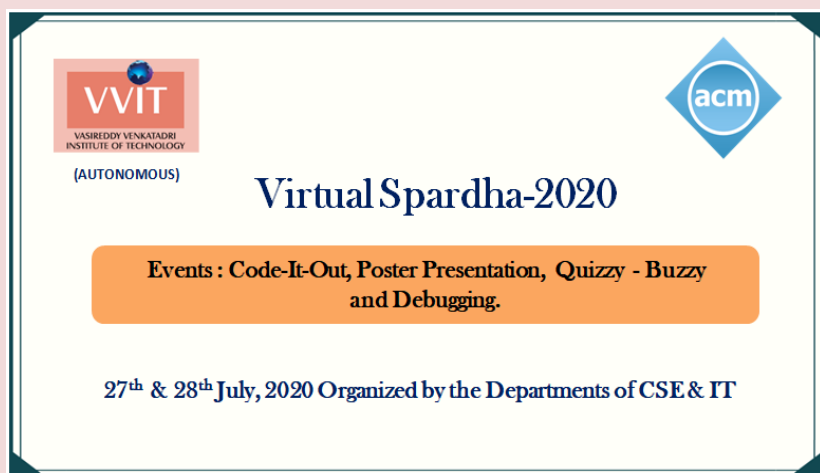


### 2-Day ACM Annual Tech-Event “Spardha-2020” concludes at VVIT on 28.07.2020

Sri Vasireddy Vidya Sagar, Chairman of VIVA-VVIT Institutions, informed that the 2-day National-level Technical fest SPARDHA-2020 under the aegis of ACM student chapters, held on digital platform during 27-28 July 2020, concluded today with fun, funda and fiesta in the student community participated from various institutions across Andhra, Telangana, Tamilnadu and Gujarat.

VVIT has been conducting this 2-day national-level technical fest every year as an annual technical event under Association for Computing Machinery (ACM), with an auspicious motive to provide platform for the all round development of students and to showcase their technical abilities.

Vasireddy Venkatadri Institute of Technology upholding its prophetic vision and regimental mission, always incites the activities of several Professional Societies like Association for Computing Machinery (ACM) and others in various engineering streams of students.



Under the Departments of CSE, IT & MCA, VVIT has two ACM chapters: VVIT-ACM-Women and VVIT ACM-Guntur. These chapters, in this year's event, designed four different Technical events Code-It-Out, Poster Presentation, Quizzzy-Buzzy and Debugging. For these events around 800 students from 39 institutions including Universities across the nation registered and participated. These events show up the technical skills in the youth, especially the swift coding, testing and presenting by applying gamut of their communication skills.

The VVIT-ACM student Chapter representatives informed that the prestigious Rolling Shield for this technical fest has been lifted successfully for the third time by the IT Department students of RVR & JC College of Engineering, Guntur, as the majority of their students topped in all the events.

The Chairman of VIVA-VVIT Institutions, Sri Vasireddy Vidya Sagar, a silent visionary with a missionary zeal, in this regard stated that the institute is always ready to support and take up any challenging step forward in to the realization of its vision.

The institute is fully equipped with all cutting-edge technological facilities including Siemens' CoE, GoogleCode Labs, Dassault's Systems Lab and the intellectual scholarly research faculty, to inculcate the research spur in students from the very early stages of exploring core engineering concepts.

Sri Sagar congratulated all the VVIT-ACM student and faculty members for designing, organizing and engaging the aspiring students across the states during this lockdown period of educational institutions, in an objective and constructive manner.

Principal Dr. Y.Mallikarjuna Reddy, during this valedictory event said that their ACM Guntur chapter functions satisfactorily, by involving and engaging its members in achieving the objectives of this professional society. Dr. Reddy also congratulated the Winners of various events. Dr. Reddy lauded the ACM Student chapters of VVIT, for their significant achievement in organizing the entire 2-day events on virtual platform with a nice coordination, conviction and courage even under this lockdown period.

Dean of Academics Prof. N.Kumara Swamy, of VVIT congratulated all the student participants from across the states and opined this kind of events is much needed for the benefit of student community. He commended the efforts of VVIT ACM student chapter representatives for organizing the entire 2-day events in a flamboyant manner.

Dr.K.Giribabu, Dean of Studies, congratulated all the participants and winners of Spardha-2020 and praised the efforts of VVIT-ACM students for making it a grand success.

HoD-CSE, Dr R.Eswariah, HoD-IT Dr.A.Kalavathi and HoD-MCA Dr.N.Koteswaramma along with ACM Faculty sponsors Dr.B.Sai Jyothi and Mrs. B.L.Praveena Lakshmi congratulated all the ACM student members of VVIT for successfully organizing this grand annual technical fest VVIT-Spardha-2020

### Conferences Attended by Faculty

S.No	Name of the Faculty	Title of the Paper	Name of the Conference	Host Institute
1	Dr. Kalavathi Alla (Professor)	A Novel Method to Detect Phishing URLs Using Deep Learning Algorithms	Two-day National E-Conference on Electrical Electronics and Computing Systems in Engineering (EECSE-2020) on 20-21 July 2020	VVIT, Nambur
2	Mr. MD.Shakeel Ahmad (Assoc. Professor)	Diabetic Disease Prediction System using Associative Classification with Improved Classifier Accuracy	Two-day National E-Conference on Electrical Electronics and Computing Systems in Engineering (EECSE-2020) on 20-21 July 2020	VVIT, Nambur
3	Ms. M Rajya Lakshmi (Assoc. Professor)	A Survey on Detection of Pancreatic Cancer using Deep Learning Techniques	Two-day National E-Conference on Electrical Electronics and Computing Systems in Engineering (EECSE-2020) on 20-21 July 2020	VVIT, Nambur
4	Dr. P. Lakshman Kishan Kumar Reddy (Assoc. Professor)	A Concurrency Monitoring and Controlling Approach for Distributed Heterogeneous Datasets using Link Adaptive Mechanism.	Two-day National E-Conference on Electrical Electronics and Computing Systems in Engineering (EECSE-2020) on 20-21 July 2020	VVIT, Nambur
	Mr. A. Sudarsan Reddy (Assoc. Professor)			
5	Mr Y Venkata Narayana (Asst. Professor)	Trigger word detection using Sequence Model	Two-day National E-Conference on Electrical Electronics and Computing Systems in Engineering (EECSE-2020) on 20-21 July 2020	VVIT, Nambur
	Mr. B. Chandra Sekhar (Asst. Professor)			
6	Ms.G.Sirisha (Asst. Professor)	Sentiment Analysis Using Image Processing :A Survey	Two-day National E-Conference on Electrical Electronics and Computing Systems in Engineering (EECSE-2020) on 20-21 July 2020	VVIT, Nambur
	Dr.Sai Jyothi Bolla (professor)			
	Ms.V.Jyothsna (Asst. Professor)			
	Ms.R.Mounica (Asst. Professor)			
7	Ms. Shaik Mulla Almas (Asst. Professor)	Relative Investigation on Exploring Enterprise Blockchain of Kaleido, Azure Clouds and Deployment of Smart Contract	Two-day National E-Conference on Electrical Electronics and Computing Systems in Engineering (EECSE-2020) on 20-21 July 2020	VVIT, Nambur
	Mr. Y. Rajesh (Asst. Professor)			
	Mr. B. Arun Kumar (Asst. Professor)			
8	Dr. V Ramachandran (Professor)	A real time framework for AI based Hand gesture recognition	Two-day National E-Conference on Electrical Electronics and Computing Systems in Engineering (EECSE-2020) on 20-21 July 2020	VVIT, Nambur
	Mr. Rekha Sudha Kishore (Assoc. Professor)			
	Mr. Barige Rajesh (Asst. Professor)			
	Mr. Mallela Narasima Rao (Professor)			
9	Ms. K.Thrilochana Devi (Asst. Professor)	Statistical Analysis of COVID-19 in India Using R	Two-day National E-Conference on Electrical Electronics and Computing Systems in Engineering (EECSE-2020) on 20-21 July 2020	VVIT, Nambur
	Ms. T.Lakshmi Praveena (Asst. Professor)			
10	Dr Kalavathi A (Professor)	An Efficient Malaria Parasite Detection Using Convolution Neural Networks	Two-day National E-Conference on Electrical Electronics and Computing Systems in Engineering (EECSE-2020) on 20-21 July 2020	VVIT, Nambur
	Mr. B. Ajay Kumar (Asst. Professor)			

## Paper Publications by Faculty

S.No	Name of the Faculty	Title of the Paper	Journal Name	Vol, Issue, Month & Year	ISSN Number
1	Dr. Kalavathi Alla (Professor)	A Novel Method to Detect Phishing URLs Using Deep Learning Algorithms	IJGDC	Vol.13 Issue. 01 Aug, 2020	2005-4262
2	Mr. MD.Shakeel Ahmad (Assoc. Professor)	Diabetic Disease Prediction System using Associative Classification with Improved Classifier Accuracy	IJGDC	Vol.13 Issue. 01 Aug, 2020	2005-4262
3	R. Sudha Kishore (Assoc. Professor)	Cyber Casing: Challenges and Taxonomy to Address the Problems in Cloud System through GMSP	IJCSIS	Vol.18 Issue. 8 SEP 2020	1947-5500
4	Dr. P. Lakshman Kishan Kumar Reddy (Assoc. Professor)	A Concurrency Monitoring and Controlling Approach for Distributed Heterogeneous Datasets using Link Adaptive Mechanism.	IJGDC	Vol.13 Issue. 01 Aug, 2020	2005-4262
	Mr. A. Sudarsan Reddy (Assoc. Professor)				
5	Ms. M Rajya Lakshmi (Assoc. Professor)	A Survey on Detection of Pancreatic Cancer using Deep Learning Techniques	IJGDC	Vol.13 Issue. 01 Aug, 2020	2005-4262
6	Mr Y Venkata Narayana (Asst. Professor)	Trigger word detection using Sequence Model	IJGDC	Vol.13 Issue. 01 Aug, 2020	2005-4262
	Mr. B. Chandra Sekhar (Asst. Professor)				
7	Ms.G.Sirisha (Asst. Professor)	Sentiment Analysis Using Image Processing :A Survey	IJGDC	Vol.13 Issue. 01 Aug, 2020	2005-4262
	Dr.Sai Jyothi Bolla (Professor)				
	Ms.V.Jyothsna (Asst. Professor)				
	Ms.R.Mounica (Asst. Professor)				
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	Mr. Rekha Sudha Kishore (Asst. Professor)				
	Dr.V Ramachandran (Professor)				
	Mr. M Narasima Rao (Asst. Professor)				
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	Ms. T.Lakshmi Praveena (Asst. Professor)				
11	Dr Kalavathi A (Professor)	An Efficient Malaria Parasite Detection Using Convolution Neural Networks	IJGDC	Vol.13 Issue. 01 Aug, 2020	2005-4262
	Mr. B. Ajay Kumar (Asst. Professor)				

### Courses Completion by Faculty

SNO	Name of the Faculty	Course Name	Month and Year	Sponsoring Agencies
1	Dr.V Ramachandran (Professor)	Structuring Machine Learning Projects	July 2020	Coursera
2	Dr.V Ramachandran (Professor)	Intro to internet of things and embedded systems	July 2020	Coursera
3	Dr.V Ramachandran (Professor)	Machine learning – H2O Flow	July 2020	Coursera
4	Dr.V Ramachandran (Professor)	User experience Design –creating user profiles	July 2020	Coursera
5	Dr.V Ramachandran (Professor)	Intro to bash scripting	August 2020	Coursera
6	Dr.V Ramachandran (Professor)	Neural Networks and Deep Learning	August 2020	Coursera
7	Ms. M. Rajya Lakshmi (Assoc. Professor)	Android Application Programming	July, 2020	Udemy
8	Ms. M. Rajya Lakshmi (Assoc. Professor)	Crash Course on Python	September, 2020	Coursera
9	K.Thrilochana Devi (Asst. Professor)	Learning How to learn	August 2020	Coursera
10	Mr. B Ajay Kumar (Asst. Professor)	Introduction to Flutter	August 2020	The App Brewery

### Certifications by Faculty

S.No	Faculty Name	Assessment Certification	Organization	Date
1	Ms. M. Rajya Lakshmi (Assoc. Professor)	Python(Basic)	Hacker Rank	09-09-2020
2	Ms. M. Rajya Lakshmi (Assoc. Professor)	Python(Intermediate)	Hacker Rank	11-09-2020

### Conferences Attended by Students

S.No	Name of the Student	Title of the Paper	Name of the Conference	Host Institute
1	Mr. Danda Lingaiah (16BQ1A1210)	An Efficient Malaria Parasite Detection Using Convolution Neural Networks	Two-day National E-Conference on Electrical Electronics and Computing Systems in Engineering (EECSE-2020) on 20-21 July 2020	VVIT, Nambur
2	Mr. Natukula Sai Kumar (16BQ1A1237)	A Novel Method to Detect Phishing URLs Using Deep Learning Algorithms	Two-day National E-Conference on Electrical Electronics and Computing Systems in Engineering (EECSE-2020) on 20-21 July 2020	VVIT, Nambur

## FDP/Seminars/Workshops attended by Faculty

SNO	Name of the Faculty	Title	Organized by	Duration
1	Dr. Kalavathi Alla (Professor)	1 Week Instructor Led Live Online Faculty Development Program On Blockchain Technology	Finland Labs (A Unit of Revert Technology Pvt. Ltd.) In Association with National Social Summit, IIT Roorkee	03-08-2020 to 07-08-2020
2	Dr.V Ramachandran (Professor)	3day online FDP on SCILAB-A practical Approach	Sasi Institute of Engineering and Technology, Tadepalligudem	23-07-2020 to 25-07-2020
3	Dr.V Ramachandran (Professor)	1-Week National Level online FDP on An academic Perspective on Research	SRKR Engineering College, Bhimavaram,	03-08-2020 to 07-08-2020
4	Dr.V Ramachandran (Professor)	1-week FDP on Computer Science and Engineering and their Applications	Nawab Shah Alam Khan College of Engineering & Technology & C-DAC Bangalore. Sponsored by ISEA and CDAC	05-08-2020 to 09-08-2020
5	Dr.V Ramachandran (Professor)	AICTE sponsored 3rd international web conference on Computational Intelligence and Data Engineering(ICCID-2020)	Vasavi College Of Engineering, Tpgudem, In Association With Aicte And Springer	08-08-2020 to 09-08-2020
6	Dr.V Ramachandran (Professor)	A National Level Webinar on “Intellectual Property Rights & Patents - A View”	IQAC, Gudlavalluru Engineering College, Gudlavalluru	10-08-2020 to 12-08-2020
7	Dr.V Ramachandran (Professor)	International Conclave on Recent Advances in Computer Science -2020	Anurag University,Hyderabad	21-09-2020 to 25-09-2020
8	Dr. P. L. Kishan Kumar Reddy (Assoc. Professor)	A Three--Day Faculty Development Program On “Artificial Intelligence ,Neural Networks & Its Applications	Tirumala Engineering College, Narasaraopet, Guntur	17-07-2020 to 19-07-2020
9	Dr. P. L. Kishan Kumar Reddy (Assoc. Professor)	Three Day Online Faculty Development Program on “Machine Learning with Dimensionality Reduction”	Department of Computer Science and Engineering , VIKAS Group of Institutions	21-07-2020 to 23-07-2020
10	Dr. P. L. Kishan Kumar Reddy (Assoc. Professor)	National Level Online FDP on “Cyber Security”	Dept. of CSE & IT in association with CyberPsy, GEC, Gudlavalluru	22-07-2020 to 26-07-2020
11	Dr. P. L. Kishan Kumar Reddy (Assoc. Professor)	A National Level Webinar on “Text Summarization using Python and Different datasets to be used in Applications” conducted by	Department of CSE & IT, MRIET(W9) Hyderabad	23-07-2020 to 25-07-2020.
12	Mr. Md Shakeel Ahmed (Assoc. Professor)	FEP on “Database Management System through INFYTQ Platform”	Infosys Limited	03-08-2020 to 07-08-2020
13	Mr. Md Shakeel Ahmed (Assoc. Professor)	Basics of Artificial Intelligence	Dept.of ECE, MNR CET, Hyderabad	23-08-2020
14	Mr. Md Shakeel Ahmed (Assoc. Professor)	International Workshop on Deep Learning-IWDL	CIIE BITS Pilani, Hyderabad	22-08-2020 to 26-08-2020

SNO	Name of the Faculty	Title	Organized by	Duration
15	Mr. Md Shakeel Ahmed (Assoc. Professor)	High Quality Medical Diagnosis using Data Science for Societal Benefits	Dept. of IT, VRSEC, Vijayavada	21-09-2020 to 25-09-2020
16	Ms. M. Rajya Lakshmi (Assoc. Professor)	Recent Trends In Artificial Intelligence And Soft Computing -Ii	RMD Engineering College, Tamilnadu	03-08-2020 To 08-08-2020
17	Ms. M. Rajya Lakshmi (Assoc. Professor)	Machine Learning and its Applications	Godavari Institute of Engineering and Technology, Rajahmundry	10-08-2020 To 13-08-2020
18	Ms. M. Rajya Lakshmi (Assoc. Professor)	Cognitive Computing	RMK College of Engineering and Technology	17-08-2020 To 22-08-2020
19	Mr Y Venkata Narayana (Asst. Professor)	Two Days Online National Workshop on Recent Trends In Data Analytics & Machine Learning	Dept. of CS Rayalaseema University, Kurnool.	04-08-2020 to 05-08-2020
20	Mr Y Venkata Narayana (Asst. Professor)	Faculty Innovation Through Advanced Technologies - Blockchain: Solution to Multidisciplinary Problems of Society	Dept. of IT, VR Siddhartha Engineering College, VJA under AICTE Margadarshan	on 21 <sup>st</sup> & 28 <sup>th</sup> August, 4 <sup>th</sup> , 11 <sup>th</sup> & 18 <sup>th</sup> Sept, 2020 (5 days)
21	Mr Y Venkata Narayana (Asst. Professor)	One Week Faculty Development Program on "High Quality Medical Diagnosis using Data Science for Societal Benefits"	Dept. of IT, VR Siddhartha Engineering College, VJA under AICTE Margadarshan	21-09-2020 to 25-09-2020
22	Mr. Y Rajesh (Asst. Professor)	FDP on Blockchain Technology	APSSDC	13-07-2020 to 17-07-2020
23	K.Thrilochana Devi (Asst. Professor)	Webinar on "Hands on Modern Cryptography Algorithms"	Loyola Institute of Technology & Science	1 day(09-07-20)
24	K.Thrilochana Devi (Asst. Professor)	Webinar on" Introduction to Data Science"	Loyola Institute of Technology & Science	1 day (10-07-20)
25	K.Thrilochana Devi (Asst. Professor)	Webinar on" Wireless Sensor Networks and IOT"	Loyola Institute of Technology & Science	1 day(11-07-20)
26	K.Thrilochana Devi (Asst. Professor)	Webinar on "Future of Blockchain Technology"	Vikas Group Of Institutions	1 day (18-07-20)
27	K.Thrilochana Devi (Asst. Professor)	Webinar on "Big data & Hadoop"	Oriental Institute of Science & Technology	1 day (25-07-20)
28	K.Thrilochana Devi (Asst. Professor)	FDP on "Machine Learning with Dimensionality Reduction"	Vikas Group Of Institutions	3 days(21-07-20 to 23-07-20)
29	K.Thrilochana Devi (Asst. Professor)	Workshop on "Python Data Analysis and Data Visualization for Beginners"	Vikas Group Of Institutions	1 day(09-08-20)
30	G.Shireesha (Asst. Professor)	Python Numpy For Beginners	VIKAS College Of Engineering and Technology	15-07-2020 to 16-07-2020



SNO	Name of the Faculty	Title	Organized by	Duration
31	G.Shireesha (Asst. Professor)	Recent Trends in Artificial Intelligence and Soft Computing	R.M.D.Engineering College	03-08-2020 to 08-08-2020
32	Mr. N.Ashok (Asst. Professor)	Wipro Certified Faculty in Java-J2EE	Wipro Talent Next	03-08-2020 to 21-08-2020
33	Mr. B Ajay Kumar (Asst. Professor)	UiPath DevCon	UiPath	02-09-2020 to 03-09-2020
35	Mr. B Ajay Kumar (Asst. Professor)	EPAM – Session of VCS & Git	EPAM	15-09-2020
36	Mr. B Ajay Kumar (Asst. Professor)	UiPath & Udacity’s RPA Insiders Virtual Conference	UiPath & Udacity	15-09-2020 to 16-09-2020
37	Mr. B Ajay Kumar (Asst. Professor)	Supporting Class of 2020	UiPath	16-09-2020
38	Mr. B Ajay Kumar (Asst. Professor)	EPAM-Session on Java Fundamentals	EPAM	22-09-2020
39	Mr. B Ajay Kumar (Asst. Professor)	Microsoft AI Classroom series	Microsoft Azure	24-09-2020 to 26-09-2020
40	Ms. B. Lakshmi Praveena (Asst. Professor)	Workshop on “Advanced Deep Learning”,	Bennet University	20-07-20 to 24-07-20
41	Ms. B. Lakshmi Praveena (Asst. Professor)	FDP on “Data Science for All”	EICT-MEIT	27-07-2020 to 3-08-2020
42	Ms. B. Lakshmi Praveena (Asst. Professor)	FDP on “ Machine Learning and its Applications”	GIET, Rajahmundry	10-08-2020 to 13-08-2020
43	Ms. B. Lakshmi Praveena (Asst. Professor)	FDP on “Data Science Applications Using Python”	JNTUK	10-08-2020 to 30-08-2020
44	Ms. B. Lakshmi Praveena (Asst. Professor)	Workshop on “ Deep Learning for Computer Vision	EICT, IIITDM, Jabalpur	17-08-20 to 22-08-20
45	Ms. B. Lakshmi Praveena (Asst. Professor)	Train the Trainer program on “Android Development with Kotlin”	Google Developers	31-08-20 to 05-09-2020
46	Shaik Mulla Almas (Assistant Professor)	Two day National Level Online Workshop on Python Numpy for Beginners	VIKAS College of engineering and Technology, Nunna, Vijayawada	15-7-2020 to 16-7-2020
47	Shaik Mulla Almas (Assistant Professor)	Blockchain Technology	APSSDC	13-7-2020 to 17-7-2020
48	Shaik Mulla Almas (Assistant Professor)	FEP on “Database Management System through INFYTQ Platform”	Infosys Limited	03-08-2020 to 07-08-2020

## Faculty Achievement – Wipro Certification



Mr. N. Ashok, Assistant Professor, of IT has been certified as “Wipro Certified Faculty”, through Digital Skills Readiness Program, and successfully passed the TalentNext certification assessment and is recognized as a mentor for project-based learning (PBL) in Java J2EE.

## VVIT Student Earns Udacity And AWS Machine Learning Scholarship Program



Mr Rapolu Pavan Kumar (18BQ1A12D2), a student of III year IT got selected for Udacity Nanodegree program in the AWS Machine Learning Engineer Scholarship worth Rs 58257/-, as informed by Sri Vasireddy Vidya Sagar, Chairman VIVA-VVIT Institutions.

Out of thousands of students in the AWS ML Scholarship Foundations Course, Mr Rapolu Pavan Kumar performance in the course and quiz really stood out. The organizers were impressed and excited to continue their journey with selected students. As a scholarship student, he was

automatically enrolled into the Machine Learning Engineer Nanodegree program in his chosen track and will be able to access his nanodegree program directly in his classroom

In this scholarship program, all the eligible students will complete the free AWS Machine Learning Foundations course earn a course completion certificate from Udacity. Based on the scores from this test, the top 325 developers receive full scholarships to the Machine Learning Engineer Nanodegree program.

Mr.Pavan, on his achievement loyally stated that, he has been entitled to undergo several projects on sentimental analysis, Plagiarism Detection and Dog-Breed Classification etc., empowered by Machine Learning Algorithms under the Amazon Web Services Environment. He is very much longing to get absorbed by Top Tier Multinational Companies including Google, Amazon etc.

Sri V. Vidya Sagar appreciated the efforts of Mr Rapolu Pavan Kumar for achieving this scholarship and making VVIT proud.

Dr. Y. Mallikarjuna Reddy, Principal; Dr K.Giri Babu, Dean of Studies; Dr N.Kumara Swamy, Dean of Academics; Dr A.Kalavathi, HOD, IT; Sri. T. Srinivasa Rao, Placement Officer and Sri K. Suresh, Training Officer congratulated the selected student. Mr Pavan expressed his delight that he was very much thankful to the Management, T&P Cell and Faculty for providing the required resources for attaining success in the scholarship.

## Industry Ready Training to Final Year Students

Any engineering college performance is calibrated through its placements. VVIT from its inception to now has grown exponentially both in the terms of the branches it offers and as well its placements in phenomenal way. The training and placement cell of VVIT has played a major role in its journey.

VVIT has been the first college in this region to offer exclusive training for placements to students through its training and placement cell. It also has incorporated placement training into its academic schedule so as to make the students understand the importance of job preparedness. The training department has faculty picked up exclusively from competitive training arena by which the students had an advantage in receiving systemic training and upping the selection numbers in premium companies.

In this regard, for Infosys Campus placements through InfyTQ platform, training was given to students from 06-03-2020 to 21-03-2020 and for HackWithInfy placement 21-05-2020 to 28-05-2020. Also, for the placement in the prestigious multinational information technology services in India is Tata Consultancy Services Limited. To get an offer in this company student has to be qualified in TCS CODEVITA program, which was designed by the company itself. In this regard, training was given to students from 03-08-2020 to 07-08-2020.



The efforts from Training and Placement Cell and faculty from CSE & IT, we have been the number one in India in terms of selections for Infosys InfyTQ 2019 as well as in 2020. We were also placed all India second in season 8 2020. These rankings are only a tip of the iceberg. Our students have been placed in Amazon, Wipro, CTS, IBM Open Text etc. It gives us a lot of pride to say that as a young college (2012) it has grown to top the selection process of a number of reputed companies.

### Journey of COVID'19

A corona virus gets its name from the way it looks under a microscope. The word corona means “crown.” When examined closely, the round virus has a “crown” of proteins called peplomers jutting out from its center in every direction. These proteins help the virus identify whether it can infect its host. The condition known as SARS was also linked to a highly infectious corona virus back in the early 2000s.

This isn't the first time a corona virus has made news. The 2003 SARS outbreak was also caused by a corona virus. As with the 2019 virus, the SARS virus was first found in animals before it was transmitted to humans. The SARS virus is thought to have come from bats and was transferred to another animal and then to humans. Once transmitted to humans, the SARS virus began spreading quickly among people. However, unlike the new corona virus, the SARS virus was eventually contained and eradicated.

Its origins have been traced to a food market in Wuhan, China, in December 2019. From there, it's reached countries as distant as the United States and the Philippines. The virus (officially named SARS-CoV-2) has been responsible for tens of millions of infections globally, causing over 1.5 million deaths. The United States is the country most affected. The disease caused by an infection with SARS-CoV-2 is called COVID-19, which stands for corona virus disease 2019.

COVID-19 can be diagnosed similarly to other conditions caused by viral infections: using a blood, saliva, or tissue sample. However, most tests use a cotton swab to retrieve a sample from the inside of your nostrils.

The Food and Drug Administration (FDA) Trusted Source issued its first emergency use authorization (EUA) for a COVID-19 self-testing kit. The EUA specifies that the test kit is authorized for use by people ages 14 years and older whom healthcare professionals have identified as having suspected COVID-19. The test kit is available by prescription only and promises results within 30 minutes.

On April 21, 2020, the FDA Trusted Source authorized the use of the first COVID-19 home collection kit. It's produced by Pixel by LabCorp. It's authorized for use by people ages 18 years and older. Later on, the FDA Trusted Source approved its first COVID-19 treatment, the medication remdesivir (Veklury). It's available by prescription for people ages 12 years and older who've been hospitalized. It's administered as an intravenous (IV) infusion. The FDA also granted EUAs to monoclonal antibody medications. Monoclonal antibodies are human-made proteins that help to fight off foreign-made substances, such as viruses.

Like remdesivir, they're also administered by IV infusion and intended for people ages 12 years and older. These medications are used for outpatient therapy. The FDA has also issued EUAs to a few other treatments, such as convalescent plasma, that are intended for people who are hospitalized or at high risk for hospitalization.

Also, the FDA Trusted Source granted its first EUA for a vaccine. This vaccine was developed by Pfizer and BioNTech. It can be given to people ages 16 years and older. On December 18, the FDA Trusted Source granted an EUA to a vaccine developed by Moderna. The Moderna vaccine can be given to people ages 18 years and older.

The best way to prevent the transmission of the virus is by **SMS** (Sanitization, Mask, Social Distance)



### **Department Vision:**

To produce IT professionals who can develop globally competitive and socially useful information technology enabled solutions and products that offer cost effective solutions, for organizations, in particular and society in general, through their innovative ideas, and to create a knowledge pool through research in this field.

### **Department Mission:**

1. Producing information technology professionals for the Global IT industry.
2. Developing student centric and qualitative teaching-learning practices.
3. Establishing infrastructure that endows cutting edge technology requirements of the industry.
4. To extend service to the public, the state and the nation at large by building quality engineers.
5. To carve disciplined and socially, technologically better responsible citizens.
6. To make the students pursuing information technology the technological ambassadors of VVIT in whatever part of the world they find themselves in their future careers.

### **Program Educational Objectives (PEO'S):**

#### **PEO-1: Solid Foundation and Core Competence**

To provide the graduates with concrete base in Information Technology, to pursue higher studies and to succeed in industry / technical profession with global competence by imparting acute technical skills like designing, modelling, analyzing and problem-solving on top of solid foundation in mathematical, scientific, computing and engineering fundamentals.

#### **PEO-2: Employability & Research Spur**

To train the graduates for a higher degree of employability in both public and private sector industries at national and international level by imparting ability to Re-learn and innovate in ever-changing global economic and technological environments and to contribute effectively in research and development.

#### **PEO-3: Professional Skills and Societal Contribution**

To inculcate the graduates to have basic interpersonal skills, effective communication skills to teamwork/ lead in multidisciplinary approach, under diverse professional environments by handling critical situations through lifelong learning with an ethical attitude( administrative acumen) and an ability to relate engineering issues to broader social context.

#### **PEO-4: Real World Competency & Innovation**

To enable students with good scientific and engineering breadth and technology skills so as to comprehend, analyze, design, and create novel products and solutions for the real life problems to emerge as researchers, experts, educators & entrepreneurs.