



Editorial Board

Chief Patron:

Vasireddy Vidya Sagar – Chairman

Patron:

Dr. Y. Mallikarjuna Reddy – Principal

Chief Editor:

Dr. A. Kalavathi - Professor & HOD

Editorial Team:

1. Dr. V. Ramachandran - Professor - IT
2. Mr. Y. V. Narayana – Asst. Prof – IT
3. Ms. B. Padma Sree – Asst. Prof - S&H

HOD's Message

Dear Readers.....! Greetings.....!

During an entire semester, students gather the information from different resources like theory, labs of different natures. This is the right time to process, organize and settle that unstructured, multi-faceted, hierarchical data in to structured, reproducible, inter-related, augmented, associated, and fused and ensemble information. This process in human brain, cognitively referred as comprehension, which is the most wanted ability in every student. The remaining Question-Answering, Presentation, Application and all other Engineering abilities depend on this basic ability. This is the reason why students in the same class room, who get the same inputs from a teacher, may not get similar marks. By all means, I just wanted to suggest every student to improve their comprehensive abilities.

So my dear Readers before I conclude from my desk, I wish all the students to perform their gamut in the approaching End-Semester Examinations. I once again remind you all that department of IT is committed to serve all its stake-holders as assured in all the aspects including the quality of News Letter – **"ITsIT"**.

International Conference On Advances in Communications, Computer Vision and Electrical System Technologies (ICACCEST-2022), on 4th-5th March, 2022 Organized by Departments of IT

Vasireddy Venkatadri Institute of Technology, Nambur, organized a two-day International conference on Advances in Communications, Computer Vision and Electrical System Technologies (ICACCEST-2022), Organized by the Department of IT, scheduled during 4th -5th March 2022 as informed by Sri Vasireddy Vidya Sagar, Chairman of VIVA-VVIT Institutions.

This conference is conducted in online mode aims to bring together leading researchers, academic scientists, educators and research scholars to exchange their views, research results in the new era of technology and experiences on all aspects of current computing technologies in the engineering disciplines. The conference will present an interdisciplinary platform to discuss and present future trends, concerns and most recent innovations as well as its solutions adopted in the field of advanced technologies and practical challenges encountered.

The Conference Chair Dr Y Mallikarjuna Reddy, Professor in Electronics and Communication Engineering and Principal - VVIT, informed that this is the Inter-national Conference being organized by VASIREDDY VENKATADRI INSTITUTE OF TECHNOLOGY. He added that this year due to the unprecedented outbreak of dangerous COVID-19 Pandemic, we organized this ICACCEST-2022, on digital platform by taking in to account of several trade-offs and excessive safety measures as suggested by the Chairman of VVIT.

Later 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.

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, Google CodeLabs, 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 conference team and researchers for making constructive and successful utilization of lockdown period of educational institutions.



Dr. K. Giribabu, Professor in ECE & Dean of Academics of VVIT 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 K Giribabu 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 Studies 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.

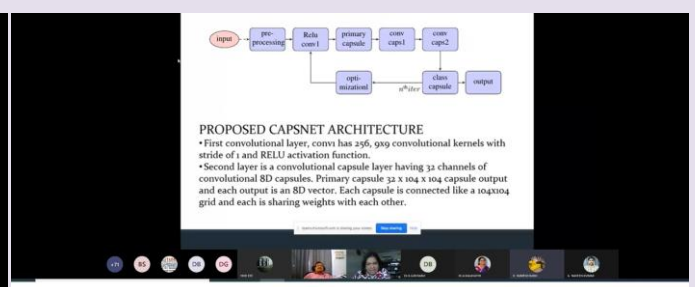
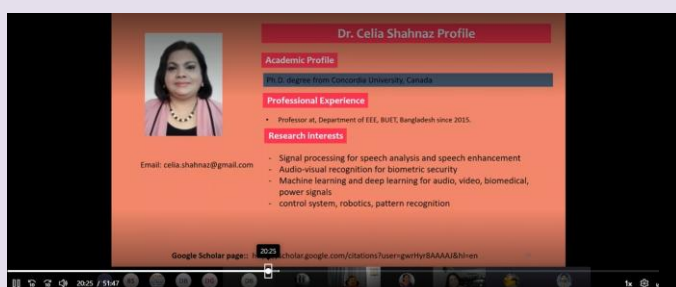
The Conference Conveners Dr. M.Y.Bhanu Murthy, Professor & HOD, ECE, Dr. R. Eswaraiiah, Professor & HOD, CSE, Dr. A.V. Naresh Babu, Professor & HOD, EEE, and Dr. A. Kalavathi, Professor & HOD, IT informed that the aim of this conference has been achieved successfully by catering the acute research needs of aspiring research scholars. He revealed that nearly 40 manuscripts were short-listed for presentation in the conference after scrutinizing 72 manuscripts received during 27th January, 2022 to 25th February, 2022 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.K.Giribabu, 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 conference, which is going to publish all the accepted papers in SCOPUS / WOS indexed journal of repute with additional fees after peer-review process of the journal

A total of 40 research articles from research scholars and faculty are shortlisted and presented in this conference as informed by the Convener. E-certificates were processed to all the scholars for their digital participation in this Inter-national Conference.



Ms. Nakirikanti Praneeta - University Gold Medal Winner – 15BQ1A1236

“When a kid graduates it’s not only that kid and his family that wins, but our Community also wins”. Ms. Nakirikanti Praneeta with Regd No. 15BQ1A1236 from the Department of Information Technology was awarded University Gold Medal from Jawaharlal Nehru Technological University Kakinada, in the Seventh Convocation conducted on 9th March 2022, held at JNTU Kakinada



Educator Training Program attended by faculty



Mr. MD Shakeel Ahamad, Assoc. Prof of IT Department has successfully completed the “**Celonis Academic Educator Training Program**” which was conducted by Celonis in association with EduSkills and presented a participation certificate on 16-02-2022

Student Internships – by IV B.Tech Students

Internships for professional careers are similar in some ways. It is a period of work experience offered by an organization for a limited period of time. It is used practice for a wide range of placements in businesses, non-profit organizations and government agencies. They are typically undertaken by students and graduates looking to gain relevant skills and experience in a particular field. Employers benefit from these placements because they often recruit employees from their best interns, who have known capabilities, thus saving time and money in the long run. VVIT provides an opportunity for their students earlier to get industry ready.

CTS(ELEVATE)						
S.No	Regd No	Name of the student	Duration		Stipend (In Rs)	Position / Designation
			From	To		
1	18BQ1A1204	Alamuri Jahnvi	17-03-2022	17-08-2022	12000	Programmer Analyst Trainee
2	18BQ1A1275	K V Teja Tirupathirao	17-03-2022	17-08-2022	12000	Programmer Analyst Trainee
3	18BQ1A1286	Manasa Koppuravuri	17-03-2022	17-08-2022	12000	Programmer Analyst Trainee
4	18BQ1A1287	Mandadapu Harika	17-03-2022	17-08-2022	12000	Programmer Analyst Trainee
5	18BQ1A12C4	Polaki Sai Kumar	17-03-2022	17-08-2022	12000	Programmer Analyst Trainee
6	18BQ1A12G0	Thota Charan	05-02-2022	31-08-2022	12000	Programmer Analyst Trainee

CTS(GENC-NEXT)						
S.No	Regd No	Name of the student	Duration		Stipend (In Rs)	Position / Designation
			From	To		
1	18BQ1A1255	Kambhampati Sahithi	05-02-2022	31-08-2022	12000/-	Programmer Analyst Trainee
2	18BQ1A12G1	Thota Sri Poojitha	05-02-2022	31-08-2022	12000	Programmer Analyst Trainee

CTS(GENC)						
S.No	Regd No	Name of the student	Duration		Stipend (In Rs)	Position / Designation
			From	To		
1	18BQ1A12F7	Telaprolu Gayathri	18-02-2022	18-08-2022	12000	Programmer Analyst Trainee
2	18BQ1A12H3	Vineela Sheba Kondru	18-02-2022	18-08-2022	12000	Prorammer Analyst Trainee
3	18BQ1A1201	Adarsh Karuchola	05-02-2022	31-08-2022	12000	Program Analyst Trainee
4	18BQ1A1211	Atluri Sindhuja	05-02-2022	31-08-2022	12000	Prorammer Analyst Trainee
5	18BQ1A1219	B Tejaswini Mallika	05-02-2022	31-08-2022	12000	Prorammer Analyst Trainee
6	18BQ1A12C7	P Mallikharjuna	05-02-2022	31-08-2022	12000	Prorammer Analyst Trainee

CTS						
S.No	Regd No	Name of the student	Duration		Stipend (In Rs)	Position / Designation
			From	To		
1	18BQ1A1212	Balathoti Anu Priya	17-02-2022	16-07-2022	12000	Programmer Analyst Trainee
2	18BQ1A1214	Bathula John Sunil	18-02-2022	16-07-2022	12000	Programmer Analyst Trainee
3	18BQ1A1259	Katra Keerthana	18-02-2022	16-07-2022	12000	Prorammer Analyst Trainee
4	18BQ1A12A9	Nalamalapu Chandini	18-02-2022	16-07-2022	12000	Programmer Analyst Trainee
5	18BQ1A12B9	Pentela Mrudula	18-02-2022	16-07-2022	12000	Programmer Analyst Trainee
6	18BQ1A12E0	Seelam Mounica	18-02-2022	18-08-2022	12000	Prorammer Analyst Trainee
7	18BQ1A12D4	Ravi Venkata Sai Keerthi	26-02-2022	25-07-2022	12000	Prorammer Analyst Trainee
8	18BQ1A1298	Mohammad Afreed	18-02-2022	16-07-2022	12000	Prorammer Analyst Trainee
9	18BQ1A12H1	V Shree Durga Bhavani	18-02-2022	16-07-2022	12000	Programmer Analyst Trainee
10	18BQ1A1216	Bhimavarapu Nikhila	18-02-2022	16-07-2022	12000	Programmer Analyst Trainee
11	18BQ1A1229	Dhulipalla Srija	18-02-2022	16-07-2022	12000	Prorammer Analyst Trainee
12	18BQ1A1254	Kalluri Vamsi Krishna	18-02-2022	16-07-2022	12000	Prorammer Analyst Trainee
13	18BQ1A1269	Konduru Anusha	18-02-2022	16-07-2022	12000	Prorammer Analyst Trainee
14	18BQ1A12E3	Shaik Amisha	18-02-2022	16-07-2022	12000	Prorammer Analyst Trainee
15	18BQ1A12G2	Thota Thriveni	18-02-2022	16-07-2022	12000	Prorammer Analyst Trainee
16	18BQ1A12E5	Shaik Greeshma	18-02-2022	16-07-2022	12000	Prorammer Analyst Trainee
17	18BQ1A12F0	Sivathmika V	18-02-2022	16-07-2022	12000	Prorammer Analyst Trainee

Virtusa						
S.No	Regd No	Name of the student	Duration		Stipend (In Rs)	Position / Designation
			From	To		
1	18BQ1A1260	Kesani Manasa	10-01-2022	10-04-2022	6500	Full Stack developer
2	18BQ1A12E2	Shaik Aatira	10-01-2022	15-04-2022	6500	Full Stack developer
3	18BQ1A12E8	Shaik Shajia Farheen	10-01-2022	15-04-2022	6500	Full Stack developer
4	18BQ1A12B7	Pachipulusu Prudhvi	17-01-2022	15-04-2022	6500	Full Stack developer
5	18BQ1A12B4	Noorbasha Sharmila	21-01-2022	21-04-2022	6500	Full Stack developer
6	18BQ1A1266	Kommineni Madhuri	10-02-2022	31-03-2022	6500	Full Stack developer
7	18BQ1A1270	Kopparapu Manikanta	10-02-2022	15-05-2022	6500	Full Stack developer
8	18BQ1A1209	Arimanda Bhumika	10-01-2022	31-03-2022	6500	Full Stack developer
9	18BQ1A1231	Dogiparthi Harshitha	10-01-2022	31-03-2022	6500	Full Stack developer
10	18BQ1A1267	K Yeshwanth Kumar	10-01-2022	31-03-2022	6500	Full Stack developer
11	18BQ1A1274	Koutharapu Mohana	10-01-2022	31-03-2022	6500	Full Stack developer
12	18BQ1A1295	Meka Tarun Sai Reddy	10-01-2022	31-03-2022	6500	Full Stack developer
13	18BQ1A12B2	Nelakurthi Sri Lakshmi	10-01-2022	31-03-2022	6500	Full Stack developer
14	18BQ1A12B6	Pachabotla Anuhya	10-01-2022	31-03-2022	6500	Full Stack developer
15	18BQ1A12C6	Ponnaganti Swarna	10-01-2022	31-03-2022	6500	Full Stack developer
16	18BQ1A12D0	Ramireddy Vennela	10-01-2022	31-03-2022	6500	Full Stack developer
17	18BQ1A12D1	Rapaka Anusha	10-01-2022	31-03-2022	6500	Full Stack developer
18	18BQ1A12D3	Rathamsetty Haritha	10-01-2022	31-03-2022	6500	Full Stack developer
19	18BQ1A12E1	Shabuddin Shaik	10-01-2022	31-03-2022	6500	Full Stack developer
20	18BQ1A12F3	Talluri Nandini	10-01-2022	31-03-2022	6500	Full Stack developer
21	18BQ1A12G3	Thummapudi Rohini Sai	10-01-2022	31-03-2022	6500	Full Stack developer
22	18BQ1A12H2	Vidhyamini Routhu	10-01-2022	31-03-2022	6500	Full Stack developer
23	18BQ1A12A0	Mopidevi Madhushalini	10-01-2022	31-03-2022	6500	Full Stack developer
24	18BQ1A12D2	Rapolu Pavan Kumar	10-01-2022	31-03-2022	6500	Full Stack developer
25	18BQ1A12F1	S Narasimha Rao	10-01-2022	31-03-2022	6500	Full Stack developer

Technovert						
S.No	Regd No	Name of the student	Duration		Stipend (In Rs)	Position / Designation
			From	To		
1	18BQ1A1273	Koteswara Sharma M	10 Months(upto JULY)		15020/-	Intern

TCS (Digital)					
S.No	Regd No	Name of the student	Duration	Stipend (In Rs)	Position / Designation
1	18BQ1A12B8	P Narendra Reddy	4 Months	unpaid	Asst system Engineer-Trainee
2	18BQ1A1294	Marapmadhurilatha	6 Months	unpaid	Asst system Engineer-Trainee

HARMAN

S.No	Regd No	Name of the student	Duration	Stipend (In Rs)	Position / Designation
1	18BQ1A1263	K Saraswathi	7months	25000	Associate Enineer

Data Economy Private limited

S.No	Regd No	Name Of The Student	Duration	Stipend (In Rs)	Position / Designation
1	18BQ1A1228	Devarakonda Akshaya	3months	15000/-	intern

Exposys Data Labs

S.No	Regd No	Name Of The Student	Duration	Stipend (In Rs)	Position / Designation
1	18BQ1A12G8	VAMSI CHINTALA	35 days	UNPAID	Full Stack Developer of a website

MINDTREE

S.No	Regd No	Name Of The Student	Duration	Stipend (In Rs)	Position / Designation
1	18BQ1A12D5	REGULA HARIKA	6 months	10000	Intern

Supraja Technologies

S.No	Regd No	Name Of The Student	Duration	Stipend (In Rs)	Position / Designation
1	18BQ1A1283	Male Bhanuprakash	2 Months	unpaid	Security Analyst Intern

Tann Mann Gaadi Foundation

S.No	Regd No	Name Of The Student	Duration	Stipend (In Rs)	Position / Designation
1	18BQ1A1288	MANDALAPU SRUTHI	45 Days	unpaid	Python Core Development

Wipro

S.No	Regd No	Name of the student	Duration		Stipend (In Rs)	Position / Designation
			From	To		
1	18BQ1A1271	Korlakunta Pavan Kumar	21-02-2022	30-02-2022	unpaid	Intern at wipro
2	18BQ1A12B5	Omkari Lokesh	21-02-2022	30-02-2022	unpaid	Intern at wipro
3	18BQ1A12D9	Sattenpalli Srinivasa Rao	21-02-2022	30-2-2022	unpaid	Intern at wipro
4	18BQ1A12G6	Vaddimukkala Srisai Charitha	21-02-2022	30-02-2022	unpaid	Intern at wipro
5	18BQ1A1278	Lam Jahnvi	21-02-2022	30-02-2022	unpaid	Intern at wipro
6	18BQ1A1290	Mandava Yuktha Sri	21-02-2022	30-02-2022	unpaid	Intern at wipro

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 for pdf Steganography in Justified Texts	ICACCES-2022	VVIT, Nambur
	Dr. Sai Jyothi Bolla - Professor			
2	Dr.Sai Jyothi Bolla - Professor	An Interactive Method to Predict Thyroid Disease	ICACCES-2022	VVIT, Nambur
	Dr. Kalavathi Alla - Professor			
3	Dr. V Ramachandran - Professor	Heart Disorder Prediction using 1D Convolutional Neural Network	ICACCES-2022	VVIT, Nambur
	Mr. R.Sudha Kishore - Assoc. Professor			
	Mr. Y. V. Narayana - Asst. Professor			
	Mr. P. Sathish Kumar - Asst Professor			
4	Dr.P.L Kishan Kumar Reddy- Prof	A Link Adaptive Approach For Monitoring And Controlling Co-Occurrence In Distributed Heterogeneous Data Sets	ICACCES-2022	VVIT, Nambur
5	Md.Shakeel Ahamad - Assoc. Professor	An Efficient Prediction System for Diabetic Disease based on Associative Classification	ICACCES-2022	VVIT, Nambur
6	Dr CM Suvarna Varma - Assoc. Professor	Density based scanning to provide effective medical emergency system	ICACCES-2022	VVIT, Nambur
	Dr Sai jyothi Bolla - Professor			
	Mrs. G. Shireesha - Asst Professor			
7	Dr CM Suvarna Varma - Assoc. Professor	Classified Fuzzy Heigh utility Itemset Mining on Medical Datasets	ICACCES-2022	VVIT, Nambur
	K. Vineela - Asst Professor			
8	N. Ashok Kumar - Asst. Professor	Lung cancer detection using Computer-Aided Diagnosis (CAD)	ICACCES-2022	VVIT, Nambur
9	K.Trilochana Devi -Asst. Professor	Sign Language Recognition System	ICACCES-2022	VVIT, Nambur
	B.L. Praveena - Asst. Professor			
10	Mr. Y Suresh - Asst. Professor	New Data Representation And Simulate Over Social Media Using Bays Classifier Of Machine Learning	ICACCES-2022	VVIT, Nambur
	Mr. B.Avinash - Asst Profesor			
	Sk. Mulla Almas - Asst Professor			

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:

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.