

NEWSLETTER

THE

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2021 VOL.1 ISSUE 10

LYCEUM

VOICE OF ECS



**STAY HOME
STAY SAFE**



LOCKDOWN

ABOUT THE DEPARTMENT

Electronics and Computer engineering [ECM] is a course that aims to combine two separate fields of engineering to meet demands made by electronics and computer industries. This program has been developed in response to the industry demands to develop students' hardware and software engineering skills in an integrated way. Our curriculum focuses on many real-time applications, which includes smart homes, smart city, smart traffic management, smart agriculture, healthcare applications, web designing, cyber security, automotive electronics, environmental monitoring etc.

The undergraduate course mainly focuses on electronics courses like analog electronics, digital electronics, embedded system, communication system and computer courses like logical thinking, data structures and algorithms, DBMS, Web development, computer network, software engineering, Internet of Things (IoT), Machine Learning, Artificial Intelligence, Deep Learning etc. Our department provides a specialization in Embedded Systems, Web Technologies, IoT (Internet of things), VLSI, Artificial Intelligence and Machine Learning etc. And department offering one Post Graduation programme, (Embedded Systems) which suits for industrial needs.

The Course helps the students to enter into various professions as Embedded Engineers, Firmware Engineers, Software Engineers, Software Developers, Web Application Developers, IoT Application Developers, Automobile Electronics Engineers, ICT (Information Communication Technology) Engineers, VLSI Engineers, Forensic Engineer etc. Many companies need engineers with hardware and software knowledge, and our students cater to their requirements. Our department provides proficiency in many aspects of the student's career like assistance for master degree program both in and out of the country through GATE, GRE, TOFEL, IELTS etc.

OUR VISION

To impart value-based, state-of-the-art education and motivate students to become socially committed professionals for their overall development

OUR MISSION

To promote innovation centric education and perform cutting edge research in interdisciplinary and multidisciplinary areas

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Dr.M. Siva Ganga Prasad
PROFESSOR & HOD

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COVID-19

CHAPTER 2: A CHAPTER TO REBUILD EARTH

The covid-19 pandemic has tested the limits of every nation. The virus which was first discovered in the year 2019 in China, has slowly spread throughout the world and has been causing chaos ever since. Scientists, doctors and many more frontline workers have put our lives before theirs, and are the only reason the world is still running. India was one of the first countries that went into lockdown in the year 2020, which really helped control the number of cases. We stayed home, every single day hoping that someone would find a cure for the virus. The lockdown in our country was slowly lifted in phases, trying to make the citizens learn to live with the virus. The number of cases gradually went down or stayed constant throughout the year 2020. But, some people started leading their normal lives, disregarding the presence of a worldwide pandemic among them, and out of nowhere, the second wave of covid-19 hit our country so hard and the virus spread like wildfire.

“India recorded the highest number of cases in the world” Many believe that vaccines are the cure for the virus, which is not entirely true. Vaccine strengthens our immune system, which helps our body fight the virus. It does not come into action immediately and awareness needs to spread among people on this topic. Till date, many people are confident that a single dose of vaccine can cure the infection and are not taking the required safety measures to keep them safe from the virus. This not only poses a threat to their own body, but also to the people around them. Moreover, India is a highly populated country. It is highly impossible to get everybody vaccinated in a short period of time. Until then, even the vaccinated people are capable of transmitting the virus to the people around them, and for that



reason, they still have to practice social distancing and take proper safety measures. People also need to be aware that it takes weeks for the vaccine to begin protecting our body against the virus. Until then, we need to stay safe and protect the people around us. It is a known fact that 3.17 million deaths from the virus have been recorded worldwide so far. People are losing their loved ones their jobs, businesses, houses and livelihoods because of this virus. This has to be taken seriously and every single citizen must act responsibly and sensibly during these times. The Covid vaccine has been the biggest breakthrough from the past two years and needs to be taken advantage of. People need to be educated on its importance and how millions of lives can be saved by it. They also need to understand that they are putting the lives of the people around them at risk too by refusing to get vaccinated. Everybody is tired. Everybody wants their lives to get back to normal. But only a few of us are willing to take the steps to make that happen. Think of the doctors and the frontline workers that haven't been able to live their lives from the past two years, think about the number of doctors and frontline workers that sacrificed their lives for us and still are. They still are working non-stop every single day to ensure that "WE" are safe. We need to live another day to begin again. So, let us all take this step together, get vaccinated and fight against the virus. Because, 'strength is in numbers'

***"I'd rather have a Vaccine
than a Virus .
What about you ?"***



Bhuvansai.K
190050027



PUBLICATIONS

1. BALDEV, S., RATHORE, P. K., PEESAPATI, R., & ANUMANDLA, K. K. (2021). A DIRECTIONAL AND SCALABLE STREAMING DEBLOCKING FILTER HARDWARE ARCHITECTURE FOR HEVC DECODER. MICROPROCESSORS AND MICROSYSTEMS, 84. [HTTPS://DOI.ORG/10.1016/J. MICPRO.2021.104029](https://doi.org/10.1016/j.micpro.2021.104029)
2. ANUMANDLA, K. K., MADDIPATI, K. K., TIRUMALA REDDY, Y., & SAI KIRAN, G. (2021). HARDWARE IMPLEMENTATION OF TLBO ALGORITHM FOR COGNITIVE RADIO NETWORKS . IN LECTURE NOTES IN ELECTRICAL ENGINEERING (VOL. 711, PP. 371-379). SPRINGER SCIENCE AND BUSINESS MEDIA DEUTSCHLAND GMBH. [HTTPS://DOI.ORG/10.1007/978-981-15-9019-1_33](https://doi.org/10.1007/978-981-15-9019-1_33)
3. GOPI, D., VADABOYINA, A. R., & DABBAKUTI, J. R. K. K. (2021). DGS BASED MONOPOLE CIRCULAR-SHAPED PATCH ANTENNA FOR UWB APPLICATIONS. SN APPLIED SCIENCES, 3(2). [HTTPS://DOI.ORG/10.1007/S42452-020-04123-W](https://doi.org/10.1007/s42452-020-04123-w)
4. PANDA, S. K., HARALAMBOUS, H., MOSES, M., DABBAKUTI, J. R. K. K., & TARIKU, Y. A. (2021). IONOSPHERIC AND PLASMASPHERIC ELECTRON CONTENTS FROM SPACE-TIME COLLOCATED DIGISONDE, COSMIC, AND GPS OBSERVATIONS AND MODEL ASSESSMENTS. ACTA ASTRONAUTICA, 179, 619-635. [HTTPS://DOI.ORG/10.1016/J.ACTAASTRO.2020.120055](https://doi.org/10.1016/j.actaastro.2020.120055). KUMAR DABBAKUTI, J. R. K., KOWSHIK CHANDU, Y., SAI KOUSHIK REDDY, A., & PRABU, A. V. (2021). RETRIEVE, PROCESSING AND ANALYSIS OF GLOBAL POSITIONING SYSTEM DERIVED IONOSPHERIC TOTAL ELECTRON CONTENT USING IGS PRODUCTS. IN LECTURE NOTES IN ELECTRICAL ENGINEERING (VOL. 711, PP. 719-726). SPRINGER SCIENCE AND BUSINESS MEDIA DEUTSCHLAND GMBH. [HTTPS://DOI.ORG/10.1007/978-981-15-9019-1_62](https://doi.org/10.1007/978-981-15-9019-1_62).

PUBLICATIONS





RESEARCH COLLABORATION

COLLABORATION

Certificate of Collaboration

This Certificate Expresses the Strategic Collaboration

between

Information Technology Department,
University of Technology and Applied Sciences
Muscat, Sultanate of Oman

&

KL Deemed To Be University
Andhra Pradesh, India

For the Research Collaboration



Dr. Huda Salim Al Shuaily, HOD
Information Technology Department

Signed on 22.02.2021



M. Siva Ganga Prasad

Dr. M. Siva Ganga Prasad, HOD
Electronics & Computer
Engineering Department



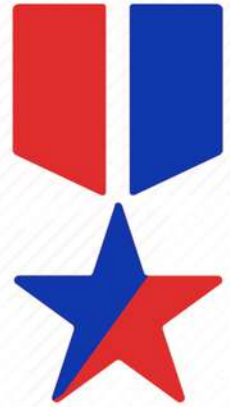
CEA ACTIVITIES

CENTRE FOR EXTENSION ACTIVITIES ORGANIZED EYE, BLOOD PRESSURE, SUGAR CHECK-UP PROGRAM.

CEA ACTIVITIES



STUDENT ACHIEVEMENT



STUDENT ACHIEVEMENTS



6th International Conference for
Convergence in Technology
(I2CT)

IEEE BOMBAY
SECTION

2nd – 4th April 2021

Certificate

This is to certify that Dr./Prof./Mr./Ms. J. Shivam Verma Affiliation KL University has participated in 6th International Conference for Convergence in Technology (I2CT) during 2nd to 4th April 2021.

He / She presented a technical paper titled Detection and Classification of COVID 19 using Convolutional Neural Network from Chest X-ray Images.

Dr. Chanakya Kumar Jha
General Chair -I2CT



6th International Conference for
Convergence in Technology
(I2CT)

IEEE BOMBAY
SECTION

2nd – 4th April 2021

Certificate

This is to certify that Dr./Prof./Mr./Ms. Vinay Kumar Addala Affiliation KL University has participated in 6th International Conference for Convergence in Technology (I2CT) during 2nd to 4th April 2021.

He / She presented a technical paper titled Detection and Classification of COVID 19 using Convolutional Neural Network from Chest X-ray Images.

Dr. Chanakya Kumar Jha
General Chair -I2CT

PLACEMENTS

	Name of the Student	University ID Number	Name of the Company to which he/she selected	CTC (Rs) per Annum
1	KOTHA BINDU MEGHANA	170050062	TCS, WIPRO	3.6
2	INDUGULA SANJANA	170050045	Infosys, TCS, WIPRO	4
3	TULASI KAVYA TEJASWY	170050130	WIPRO	4
4	GUNTI SAI DURGA	170050042	WIPRO	4
5	THIRLUKA MOHANA SAI KRISHNA	170050126	WIPRO	4
6	CHAVALA LALITHYA RAO	170050015	TCS, CTS, MIND TREE	4
7	TONDAPU SIVA SAI BHARGAV	170050128	TCS (NINJA), CTS	4
8	LALITHA SAI JASTI	170050048	TCS (NINJA), CTS	4
9	SHIZA ARMAN ANJUM	170050116	TCS (NINJA), CTS Gen C Next, Capgemini	5
10	KRISHNAM RAJU KOKKERLAPATI	170050057	TCS (NINJA)	4
11	VELUTHURLA MAHAMMAD MOBIN BAJI	170050136	TCS (NINJA)	4
12	NANDURI LAKSHMI PRAVALLIKA	170050083	TCS (NINJA)	4
13	JOGI SANKEERTH	170050049	TCS (NINJA)	4
14	PADAVALA YATHISH CHANDRA	170050092	TCS (NINJA)	4
15	MALLADI KRISHNA PRASAD	170050159	CTS, CAPGEMINI	5
16	LAXMIKANTH CHINTALA	170050020	CTS, MIND TREE	5
17	VANAPALLI GEETHIKA	170050132	CTS, Infosys	4
18	NALLURI ASWIN KUMAR	170050082	CTS	3.6

PLACEMENTS

19	SINDHU PERLA	170050117	CTS	3.6
20	ATLURI BHAVYA	170050007	CTS	3.6
21	JAHNAVI PACHALA	170050091	CTS	3.6
22	ARIKATLA DHURVA TEJA VEERA BRAHMAM	170050006	CTS	3.6
23	SAINATH RAJU KURAPATI	170050109	CTS	3.6
24	BOYAPATI VYSHNAVI	170050013	CTS	3.6
25	REDDY SRILAXMI SIRISHA	170050105	CTS	3.6
26	KAVULURI SAI SIDDHARDHA	170050056	CTS	3.6
27	TANGIRALA VENKATA SUBRAHMANYA SRIVATSA	170050119	CTS	3.6
28	PARASA SAI SHYAM SANTHOSH KAUSHIK	170050094	ADP LTD,Infosys Phase-2 (2)-SE	5
29	RITIKA ALLA	170050106	My Captain (Climber)	5
30	MITTAPALLI PAVAN KUMAR	170050077	TCS	4
31	SREE VARSHA KODURE	170050050	Infosys Phase-1	4
32	VENKAMSETTY ROOP KAMAL TEJ	170050138	QSPIDER	2.4
33	SHAIK SADIQ	170050115	Value Momentum,PROKARMA	4
34	LOKESH GOVVALA	170050038	Vitinfotech	4
35	MUDE PRANATHI	170050080	Vitinfotech	4
36	NIKHILESH SUBBA RAO TADIKONDA	170050087	Value Momentum	4
37	RAVURI MADHURI	170050103	SUTHERLAND	3
38	VINUTHNA MUVVALA	170050149	Value Momentum	4
39	TANMAYI BOLLINEDI	170050121	Value Momentum	4
40	KOTHAMASU LAVANYA	170050063	Value Momentum	4
41	KOSANA ADITHYA SRINIVAS	170050156	ALTIMETRIK INDIA	5
42	G.SHESHANK MOULI		BYJUS	10



HOMAGE



KL University, Team Essence & its entire fraternity expresses their heartfelt condolences on the sad demise of our Hon'ble Vice-Chancellor Dr. L.S.S.Reddy Garu on 27th April 2021.



Dr.L.S.S.Reddy Garu

27-04-____ TO 29-04-2021

Dr. L.S.S.Reddy Garu was a great visionary and an able administrator who has served the Institution since 1995 and rendered excellent services in various capacities. The void created by the demise of Dr.L.S.S. Reddy Garu cannot be filled. MAY HIS SOUL REST IN PEACE.

-TEAM ESSENCE

STUDENT COORDINATORS

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K.CHANDRA BHANU
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M MANASA LAKSHMI
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KLEF

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