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Engineering
College
Innovation . Creativity . Entrepreneurship

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NEWS LETTER

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Department of Computer Science and Engineering

VISION OF INSTITUTION

To be among the Top 20 Private Engineering Institutes in India by 2020

MISSION OF INSTITUTION

M1: Design and implement curriculum that equips students with professional and life skills.

M2: Recruit, develop and retain outstanding faculty to achieve academic excellence.

M3: Promote and undertake quality research in thrust areas of science and Technology.

M4: Collaborate with industry and academia to meet the changing needs of society. Foster innovation and cultivate the spirit of entrepreneurship among students.

Vision of the CSE Department

Be a leader in promoting Computer Science and Engineering education.

Mission of the CSE Department:

M1: Design and implement innovative courses to meet industrial needs.

M2: Provide innovative research solutions to address organizational and social needs

M3: Associate with knowledge hubs and professional bodies to share technological advancements.

M4: Establish network with organizations of national importance to inculcate the culture of entrepreneurship among students

PEO's of the CSE Department:

PEOs (Program Educational Objectives) relate to the career and professional accomplishments of students after they graduate from the program. Consequently, assessment and evaluation of the objectives requires assessment tools that can be applied after graduation.

PEO1: Ability to solve diverse and complex computer science and engineering problems across a broad range of domains

PEO2: Pursue a career in the field of computer science and engineering.

PEO3: Pursue higher education and/or professional development courses for life-long learning

PEO4: Support community building activities to improve the quality of life.



CUBESAT IMAGING RADAR FOR EARTH SCIENCES (CIRES):

The National Aeronautics and Space Administration recently developed a new satellite that can monitor seismic fluctuations on the planet.

In this technological age, a scientific development like this becomes extremely necessary. The satellite can track not only earthquakes but also alert the authorities in the event of an unexpected volcano eruption. The system is known as the CubeSat Imaging Radar for Earth Sciences (CIRES).

The satellite was first tested in July 2018 and was flown over the Kilauea Volcano in Hawaii. The findings of the radar allowed NASA researchers to come up with a detailed map of the island. They were also able to locate the minute changes that occurred in the land before the volcano erupted.

NASA Researchers have added that an intricate network of satellites similar to the CISER will be launched to track all sort of seismic activity on the planet. This will help NASA detect volcanoes and earthquakes at a much larger scale and with much more precision.

Apart from the probability of an imminent earthquake, the geo scientists at NASA can also approximate the magnitude of the disaster. NASA Researchers have added that an intricate network of satellites similar to the CISER will be launched to track all sort of seismic activity on the planet.

GOPIREDDY SURAJ
17K41A05C8

Department Activities:

• Conferences/Seminars/workshops/FDPs Conducted:

- A one Week FDP on "IVR" conducted from 04-01-2021 to 08-01-2021 organized by department of CSE
- A One Week Workshop on "Python Fundamentals" conducted from 10-02-2021 to 15-02-2021 organized by department of CSE
- A Two-Week Workshop on "Service Now -Application Developer" conducted from 09-03-2021 to 04-04-2021 organized by department of CSE.

• Conferences/Seminars/workshops/FDPs Attended:

- P. Kumaraswamy attended FDP on " Immersive Virtual Reality" from 4th-8th Jan, 2021.
- Harshavardhan attended FDP on " Immersive Virtual Reality" from 4th-8th Jan, 2021.
- Bhavana Jamalpur attended FDP on " Immersive Virtual Reality" from 4th-8th Jan, 2021.
- Syed Nawaz Pasha attended FDP on " Immersive Virtual Reality" from 4th-8th Jan, 2021.
- Dr. D. Kothandaraman attended FDP on " Immersive Virtual Reality" from 4th-8th Jan, 2021.
- Kanegonda Ravi Chythanya attended FDP on " Immersive Virtual Reality" from 4th-8th Jan, 2021.
- Yerrolla Chanti attended FDP on " Immersive Virtual Reality" from 4th-8th Jan, 2021.
- Dr. D. Kothandaraman attended FDP on " Robotics " from 18th-22nd Jan, 2021.
- Syed Nawaz Pasha attended FDP on "Cyber Security" from 29th-30th Jan, 2021.
- Kothakonda Chandhar attended FDP on "Cyber Security" from 29th-30th Jan, 2021.
- Bhavana Jamalpur attended FDP on " Data Sciences" from 15th-19th Feb 2021.
- P Anil Kishan attended FDP on " Immersive Virtual Reality" from 4th-8th Jan 2021.
- Kothakonda Chandhar attended FDP on " Data Sciences" from 15th-19th Feb 2021.



- Bhavana Jamalpur attended FDP(STTP) on "Digital Skill Development for Professionals" from 22nd-27th Feb, 2021.
- P. Pramod Kumar attended FDP on "Artificial Intelligence, machine Learning and Deep Learning" from 1st-5th Feb, 2021
- S Naresh Kumar attended FDP on "Artificial Intelligence, machine Learning and Deep Learning" from 1st-5th Feb, 2021
- S. Tharun Reddy attended FDP on "AI and ML Applications in Data Science" from 22nd -26th Feb, 2021
- Dr. D. Kothandaraman attended FDP on " MATLAB and LABVIEW Programming" from 22nd Feb to 3rd Mar, 2021
- S. Shivaprasad attended FDP on " MATLAB and LABVIEW Programming" from 22nd Feb to 3rd Mar, 2021
- Kanegonda Ravi Chythanya attended in AICTE Sponsored STTP on "IoT Simulation by Fog Computing and Edge Computing using Open-source Tools" from 15th to 20th Feb 2021.
- Dr. Seena Naik Korra attended FDP on " Immersive Virtual Reality" from 4th-10th Mar, 2021.
- Kanegonda Ravi Chythanya participated in NPTEL-AICTE A Two-Week Faculty Development Program on "The Joy of Computing using Python".
- Dr. Kirankumar Eranki attended FDP on "Artificial Intelligence and its Societal Applications" from 22nd -27th Mar, 2021.
- P. Pramod Kumar attended FDP on "DevOps Workshop on Automating Software Lifecycle in E-Comm" from 3rd-4th Apr, 2021.
- Kanegonda Ravi Chythanya participated in ATAL Academy sponsored online FDP on "Blended Learning and Flipped Classroom" at National Institute of Technical Teachers Training & Research, Chandigarh from 8th – 12th Feb 2021.
- Bhavana Jamalpur attended FDP on "Data Science for All" from 12th-23rd April, 2021
- S. Tharun Reddy attended FDP on "Medical Image Processing & It's Applications in Automated Disease Detection" from 19th -24th Apr, 2021

Needle-Free Syringes:

Needle-free Injectors deliver the vaccine using a narrow stream of fluid to penetrate the skin and deliver the vaccine to proper tissue depth. The drug delivery system constitutes of forces such as Lorentz, shock waves or pressure by electrophoresis. Interestingly, unlike hypodermic needles, NFI can be re-used.

These systems are virtually painless because they avoid the use of conventional needles. There is a positive impact on adopting NFI technology. It results in mass immunisation and vaccination programs and gives no way of being prone to transmitted infections.

Almost 500 million used needles are added to trash dumps annually. It is estimated that 75 million out of those could be infected with blood-borne infections.

Needle-stick injuries can expose healthcare workers to around 20 different bloodborne pathogens like HIV, Hepatitis B and Hepatitis C. The only way to reduce the rising illnesses is to eliminate older means of vaccination.

As there will be no re-use of needles, it will reduce the problems and improve the patient's experience.

Powder Injection: A pre-measured powdered medication is put in a drug cassette.

Liquid Injections: The liquefied injectors punch a hole into the skin and deliver the drug in the tissue under the skin.

Depot or Projectile Injections: they are designed for administration of a drug into muscles.

**SIVARAMA KRISHNA
KONERU
18K41A05G9**



- **Faculty Publications:**

- **International Conferences:**

- Rajesh Mothe, S. Tharun Reddy, B. Vijay Kumar, A. Rajeshwar Rao, Kanegonda Ravi Chythanya, "A Review on Big Data Analytics in Internet of Things (IoT) and Its Roles, Applications and Challenges" in 2nd International Conference on Data Science, Machine Learning and Applications and part of Lecture Notes in Electrical Engineering book series (LNEE, volume 783).
 - Bhavana Jamalpur, Kafila, Kanegonda Ravi Chythanya, Komuravelly Sudheer Kumar, "A comprehensive overview of online education – Impact on engineering students during COVID-19", in Materials Today.
 - Dr. P.Kumaraswamy Asst Prof published a paper entitled "Public key authentication schemes in Assymetric key cryptography Architecture for Smart Manufacturing", Materials Today: Proceedings (ELSEVIER), Feb 2021.
 - Dr. D. Kothandarama Asst Prof published a paper entitled "Sequence number based secure routing algorithm for IoT networks", Materials Today: Proceedings (ELSEVIER), Feb 2021.
 - Dr. D. Kothandarama Asst Prof published a paper entitled "BLE in IoT: Improved Link Stability and Energy Conservation using Fuzzy Approach for Smart Homes Automation", Materials Today: Proceedings (ELSEVIER), Feb 2021.

- **Achievements:**

- Mr. P. Kumara Swamy Asst Prof was awarded by the degree of Ph.D. from Department of CSE, JNTUH Hyderabad on 16-10-2020.
 - Mr. G. Sunil Asst Prof, qualified UGC-NET in Dec-2020
 - Mr. Rajesh Mothe Asst Prof, qualified UGC-NET in Dec-2020

- **Patents Published:**

- Sallauddin Md, Asst Prof, Dr. R. Vijayaprakash, Dadi Ramesh, Dr. P. Praveen and Mohammed Ali Shaik got a patent entitled "Covering Means For Outdoor Arenas"
 - Dr. P. Kumaraswamy and Dr. C. V. Guru Rao got a patent entitled "An Authentication Scheme Using Public Key Cryptography".



One week online
Faculty Development Program
on
**IMMERSIVE VIRTUAL
REALITY**



SR
Engineering College
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Resource Persons

ABOUT THE PROGRAM
The program is a one-week online Faculty Development Program on Immersive Virtual Reality. It is designed to provide faculty members with the knowledge and skills required to develop and deliver immersive virtual reality content. The program is organized by the SR Engineering College, Hyderabad, in collaboration with the All India Council of Technical Education (AICTE) and the Atal Bihari Vajpayee Technological Education Institutions (ATEI) Scheme.

AIMS AND OBJECTIVES
The program aims to provide faculty members with the knowledge and skills required to develop and deliver immersive virtual reality content. The objectives of the program are to:

- Provide faculty members with the knowledge and skills required to develop and deliver immersive virtual reality content.
- Provide faculty members with the knowledge and skills required to develop and deliver immersive virtual reality content.
- Provide faculty members with the knowledge and skills required to develop and deliver immersive virtual reality content.

PROGRAM STRUCTURE
The program is organized into four modules, each covering a different aspect of immersive virtual reality. The modules are:

- Module 1: Introduction to Immersive Virtual Reality
- Module 2: Development of Immersive Virtual Reality Content
- Module 3: Delivery of Immersive Virtual Reality Content
- Module 4: Evaluation of Immersive Virtual Reality Content

PROGRAM OUTCOMES
The program is designed to achieve the following outcomes:

- Faculty members will be able to develop and deliver immersive virtual reality content.
- Faculty members will be able to evaluate the effectiveness of immersive virtual reality content.
- Faculty members will be able to use immersive virtual reality content in their teaching and learning activities.

PROGRAM FACILITATORS
The program is facilitated by a team of experts in the field of immersive virtual reality. The facilitators are:

- Dr. Rajiv Mishra, IIT, Patna
- Dr. Lalith Kavati, NIT Warangal
- Prof. P.V. Sudha, Osmania University
- Prof. K. Shyamala, Osmania University
- Dr. Rajeev Agarwal, MNIT, Jaipur
- Prof. Sanjeev Sofat, PEC, Chandigarh
- Dr. Sachin Chaudhary, PEC, Chandigarh
- Dr. K. Sagar, CBIT, Hyderabad
- Vidya Choudhary, CEO, Avidialabs, Bengaluru

 Dr. Rajiv Mishra, IIT, Patna	 Dr. Lalith Kavati, NIT Warangal	 Prof. P.V. Sudha, Osmania University
 Prof. K. Shyamala, Osmania University	 Dr. Rajeev Agarwal, MNIT, Jaipur	 Prof. Sanjeev Sofat, PEC, Chandigarh
 Dr. Sachin Chaudhary, PEC, Chandigarh	 Dr. K. Sagar, CBIT, Hyderabad	 Vidya Choudhary, CEO, Avidialabs, Bengaluru

Invitation - v0221@vaidia... SOCIETY OF CIVIL ENGINEERS 2 invitation 19.pdf SR University - Calendar - Week 1 Meet - ATAL Sponsored 5 Days FDP on "I... meet.google.com/jm-enev-9a?authuser=0

ATAL Sponsored 5 Days FDP on "I..."

People (71) Chat

Let everyone send messages

Ravi Chyanya 10:04 AM
Good morning all

Mohun Ashwale 10:05 AM
Good Morning all

Udit Handa 10:05 AM
Good morning to all

Naresh Sripada 10:05 AM
good morning all

Pramod Paladi CSE 10:06 AM
Good morning all, we are waiting for the chief guest to join...he will join in 2 mins.... Thank you...

Iyed nawaz 10:08 AM
ok sir

Chanti Y CSE 10:09 AM
Good morning all

Praaneeth D 10:09 AM
ok

ravi kumar 10:10 AM
Good morning All

vijay kumar J 10:10 AM
GOOD MORNING

Send a message to everyone

REC

Dean School of Engineering

Sanjeev Sofat

Nabeer Fatima

sheshi kala

Pramod Paladi CSE

Praaneeth D

CV

Rajesh Mothe has left the meeting

Ms.Meera S

cv gururao

Shamikha Sree

Type here to search

10:20 04-07-2021



A Two-Week Student Development Programme on ServiceNow



- Students Placement

S. No.	Name of the Company	No. of Students Placed
1	Accenture	60
2	Acel Alpha	1
3	BYJUS	2
4	Capgemini	2
5	Cloudthat (Intern)	1
6	CTS	14
7	DBS	2
8	DXC	16
9	E-Abyaas	1
10	Eros Inc	1
11	HCL	1
12	Infosys	6
13	L & T	2
14	Mindtree	2
15	NIIT	1
16	Purple talk	1
17	TCS Digital	1
18	TCS Ninja	4
19	Tvarana Software Solutions	3
20	Wipro	1
21	Wipro Turbo	1

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CONSULTANCY
SERVICES

DXC
TECHNOLOGY

HCL

wipro

tvarana



S. No.	HTNO	Student Name	Branch	Company Name	Package
1	17K41A05A4	KATAKAM ROHAN	CSE	BYJUS	10
2	17K41A0535	CHOLLETI PRATHYUUSHA	CSE	DBS	7.86
3	17K41A05A5	KRISHNA TEJA JILLELAMUDI	CSE	TCS Digital	7
4	17K41A0538	JAMPALA REETHI	CSE	Accenture	6.5
5	17K41A0585	REVURI VEENU AMRAPALI	CSE	Accenture	6.5
6	17K41A0588	YASHWANTH REDDY ALETI	CSE	Accenture	6.5
7	17K41A0550	RUDROJU VISHWAK SENA PRIYA	CSE	Byjus	4.75
8	17K41A0502	BOMMINENI ALEKHYA	CSE	Accenture	4.5
9	17K41A0505	CHENNA ANVESH	CSE	Accenture	4.5
10	17K41A0506	CHIRRA SAI RAHUL	CSE	Accenture	4.5
11	17K41A0507	DORI RAMYASREE	CSE	Accenture	4.5
12	17K41A0514	MATLA RAJKUMAR	CSE	Accenture	4.5
13	17K41A0518	MUDIKE DEEPAK YADAV	CSE	Accenture	4.5
14	17K41A0522	PANDARKAR SHIVANI	CSE	Accenture	4.5
15	17K41A0526	SANDASANI MANSI	CSE	Accenture	4.5
16	17K41A0539	KAMPELLI SRICHARITHA	CSE	Accenture	4.5
17	17K41A0540	KANDAKATLA LOHITH	CSE	Accenture	4.5
18	17K41A0543	KOKKULA SHRAVYA	CSE	Accenture	4.5
19	17K41A0546	MALLURU VENKATA SRAVYA	CSE	Accenture	4.5
20	17K41A0550	RUDROJU VISHWAK SENA PRIYA	CSE	Accenture	4.5
21	17K41A0551	SAI KRISHNA PERUKA	CSE	Accenture	4.5
22	17K41A0552	SEETHA SATHISH	CSE	Accenture	4.5
23	17K41A0558	YERRA NITIN	CSE	Accenture	4.5
24	17K41A0559	ABHISHEK NAMANY	CSE	Accenture	4.5
25	17K41A0566	GARIMILLA PRATHYUSHA	CSE	Accenture	4.5
26	17K41A0567	GUDIMALLA JEEVANA	CSE	Accenture	4.5
27	17K41A0570	KURAPATI SAI KIRAN	CSE	Accenture	4.5
28	17K41A0571	LOKE BHAVIKA	CSE	Accenture	4.5
29	17K41A0578	PALLERLA SHRAVYA	CSE	Accenture	4.5
30	17K41A0584	RAPALA NIKITHA	CSE	Accenture	4.5
31	17k41A0596	GONE SHIRINI	CSE	Accenture	4.5
32	17K41A0597	GUDIKANDULA KAVYA	CSE	Accenture	4.5
33	17K41A0599	JAMALPUR AKHILA	CSE	Accenture	4.5
34	17K41A05A2	KAMARAPU SHARANYA	CSE	Accenture	4.5
35	17K41A05A3	KASAGANI SRAVANI	CSE	Accenture	4.5
36	17k41a05a9	NETHETLA KEERTHANA	CSE	Accenture	4.5
37	17K41A05B6	SEETHAMSETTY HIMASREE	CSE	Accenture	4.5
38	17K41A05B7	THAKKALAPPELLY GEETHANJALI	CSE	Accenture	4.5
39	17K41A05C1	BHANDARI ANJALI	CSE	Accenture	4.5
40	17K41A05C5	DEVERA PRANEETHA	CSE	Accenture	4.5



S. No.	HTNO	Student Name	Branch	Company Name	Package
41	17K41A05C8	GOPIREDDY SURAJ	CSE	Accenture	4.5
42	17K41A05D3	KUNDURU NIKHITHA	CSE	Accenture	4.5
43	17K41A05D7	PULUMATI SINDHUJA	CSE	Accenture	4.5
44	17K41A05E5	YAMSANI SHASHANK	CSE	Accenture	4.5
45	17K41A05E9	CHIDURALA NAMRATHA	CSE	Accenture	4.5
46	17K41A05F2	GADDALA DEEPTHI	CSE	Accenture	4.5
47	17K41A05F9	LEDALLA SHIVANI	CSE	Accenture	4.5
48	17K41A05G4	NOOTHI SNEHA	CSE	Accenture	4.5
49	17K41A05H3	VAKULABHARANAM SAI SREE	CSE	Accenture	4.5
50	17K41A05H4	VANAMA SHRUTHI	CSE	Accenture	4.5
51	17K41A0536	GADDAM CHANDANA	CSE	Keste	4.5
52	17K41A0511	MADIREDDY SREEJA	CSE	Accenture	4.5
53	17K41A0524	PENDLI SHIVANI	CSE	Accenture	4.5
54	17K41A0533	BOMMAGANI SATHYASREE	CSE	Accenture	4.5
55	17K41A0544	MADARAPU SHREYA	CSE	Accenture	4.5
56	17K41A0562	BAYYA RAHUL	CSE	Accenture	4.5
57	17K41A0592	BANOTHU ANILKUMAR	CSE	Accenture	4.5
58	17K41A05B9	ANUMANDLA AKASH	CSE	Accenture	4.5
59	17K41A05C7	GAJULA PRASANNA	CSE	Accenture	4.5
60	17K41A05E7	KONDURI SINDHU	CSE	Accenture	4.5
61	17K41A05H0	THATIPAMULA CHAKRAVARTHI	CSE	Accenture	4.5
62	17K41A0542	KODIPAKA NIKITHA	CSE	Accenture	4.5
63	17K41A0569	KARRA JAYANTH REDDY	CSE	Accenture	4.5
64	18K45A0502	VYDYA ABHIRAM	CSE	Accenture	4.5
65	17K41A0544	MADARAPU SRIYA	CSE	Cloudthat (Intern)	4.1
66	17K41A0424	PULYALA LAXMI PRASANNA	CSE	Cloudthat (Intern)	4.1
67	17K41A0511	MADIREDDY SREEJA	CSE	CTS	4
68	17K41A0522	PANDARKAR SHIVANI	CSE	CTS	4
69	17K41A0529	YERRA NIMISHA	CSE	CTS	4
70	17K41A0549	PALLE ANUDEEP REDDY	CSE	CTS	4
71	17K41A0562	BAYYA RAHUL	CSE	CTS	4
72	17K41A0566	GARIMILLA PRATHYUSHA	CSE	CTS	4
73	17K41A0569	KARRA JAYANTH REDDY	CSE	CTS	4
74	17K41A0583	NELLUTLA RAKSHITH	CSE	CTS	4
75	17K41A05A3	KASAGANI SRAVANI	CSE	CTS	4
76	17K41A05A4	KATAKAM ROHAN	CSE	CTS	4
77	17K41A05B7	THAKKALAPALLY GEETHANJALI	CSE	CTS	4
78	17K41A05C7	GAJULA PRASANNA	CSE	CTS	4
79	17K41A05C8	GOPIREDDY SURAJ	CSE	CTS	4
80	17K41A05C9	GUNDA PREETHI	CSE	CTS	4