DO YOU KNOW what should medical students know about artificial intelligence in medicine .?

Artificial intelligence (AI) is expected to affect various fields of medicine substantially and has the potential to improve many aspects of healthcare. However, AI has been creating much hype, too. In applying AI technology to patients, medical professionals should be able to resolve any anxiety, confusion, and questions that patients and the public may have. Also, they are responsible for ensuring that AI becomes a technology beneficial for patient care. These make the acquisition of sound knowledge and experience about AI a task of high importance for medical students. Preparing for AI does not merely mean learning information technology such as computer programming. One should acquire sufficient knowledge of basic and clinical medicines, data science, biostatistics, and evidence-based medicine. As a medical student, one should not passively accept stories related to AI in medicine in the media and on the Internet. Medical students should try to develop abilities to distinguish correct information from hype and spin and even capabilities to create thoroughly validated, trustworthy information for patients and the public.

The use of artificial intelligence (AI) for medicine has recently drawn much attention due to the advances in machine learning techniques involving multiple layers of artificial neural networks trained on big data, i.e., deep learning. AI is expected to affect various fields of medicine substantially and has the potential to improve many aspects of healthcare. On the downside, AI has been creating much hype, too. It is not difficult to find on the Internet stories about how fast and accurately modern AI software programs can analyse the patient's medical information and automatically present diagnoses, even more precisely than human experts, with a nuance that AI will soon dominate the medical practice. However, these stories are mostly quite exaggerated or, at best, explain the matter only superficially. In reality, few AI techniques are currently used in medical practice.

Nevertheless, at the time when the current medical students will commence their career as medical professionals after completion of studies and training, various AI software tools will likely be used in clinical practice. In applying AI technology to patients, medical professionals are not ones who are in the backseat but should be in the driver's seat. They should be able to resolve any anxiety, confusion, and questions that patients and the public may have about applying AI to medicine. Medical professionals are also responsible for ensuring that AI becomes a technology beneficial for patient care.
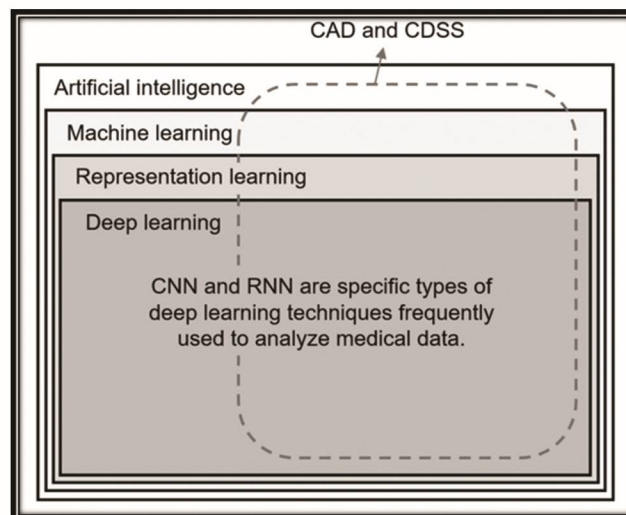
Hierarchy of artificial intelligence-related terms. CAD and CDSS are the most common types of software tools in the application of AI in medicine.
CAD, computer-aided detection/ diagnosis;
CDSS, clinical decision support system;
CNN, convolutional neural network;
RNN, recurrent neural network.

Department of Computer Science & Engineering

CSE Department organized an Entrepreneurship Awareness Camp-I(EAC-I) in association with Entrepreneurship Development Institute of India (EDII) from 10/01/2019 to 12/01/2019 and the resource persons are G.Sasidhar,Manager, Mittapalli Spinners Ltd.,S.Srinivas,Manager,Sangam Diary Ltd.,Ms.T.Ramya, ICICIBank,Asst.Manager,Narasaraopet,Mekala Ramarao, Dean R&D, LIMAT.
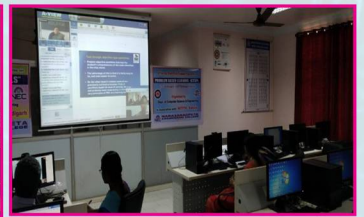

CSE Department Organized an Entrepreneurship Awareness Camp-II(EAC-II) in association with Entrepreneurship Development Institute of India (EDII) from 22/01/2019 to 24/01/2019,and the resource persons are G.Sasidhar, Manager,Mittapalli Spinners Ltd.,S.Srinivas, Manager, Sangam Diary Ltd.,Ms. T.Ramya,ICICIBank,Asst.Manager,Narasaraopet,Mekala Ramarao, Dean R&D, LIMAT

Department of CSE Organized a Two-Day workshop on "Microsoft Azure Cloud" in association with Computer Society of India-CSI NEC Student Branch from 19/02/2019 to 20/02/2019.

Department of CSE Organized a 5-Day "Short Term Course on Communication Skills" in association with NITTTR-Chandigarh from 11/02/2019 to 15/02/2019.

Department of CSE Organized a 5-Day Short Term Training Program on "Problem Based Learning" in association with NITTTR-Kolkata from 11/02/2019 to 15/02/2019.

Department of CSE Organized a 2-Day Workshop on "Python Fundamentals and Implementation of Numerical methods" by Mr.T.V.Rao NEC College Advisor from 08/02/2019 to 09/02/2019.


92 students are doing Udacity Nano – Degree Certification Training from II & III B.Tech CSE students organized by APSSDC Trainers.
50 Students are doing Full Stack web Developer Nano – Degree Course.

CSE Department organized a one day workshop on MOODLE Learning Management System under Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) in association with IIT-Bombay on 15th March 2019
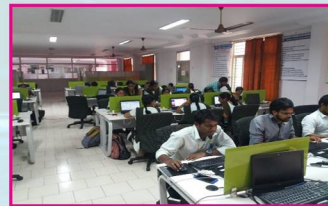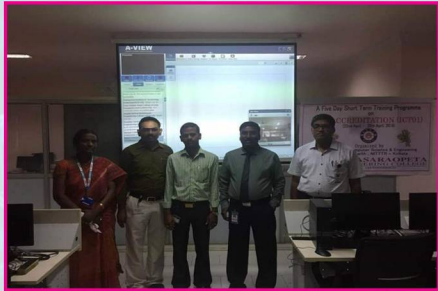

CSE Department organized a 5-Day Short Term Training Programme on NBA Accreditation (ICT01) in association with NITTTR-Kolkata from 22/4/2019 to 26/04/2019

Department of
Computer Science & Engineering

CSE Department organized a 5-Day FDP on "Data Science & Big Data Analytics" in association with ICT Academy by Mr. A. Ravi Chandaran, Manager IT, Research and Training Department, ICT Academy, Chennai from 23/04/2019 to 27/04/2019

CSE Department organized a 5-Day Faculty Development Program on Deep Learning and Application in association with MNIT-Jaipur from 27/05/2019 to 31/05/2019.

FACULTY FOCUS

Dr.S.V.N.Srinivasu, Professor, CSE department has applied a project entitled as "Digitation of smart cities" under common research grant to SERB (Science and Engineering research Board).

Entrepreneurship Awareness Camp (EAC) program of worth 20,000/- have been sanctioned for DR.K.Lakshminadh, Associate Professor, Department of CSE.

Entrepreneurship Awareness Camp (EAC) program of worth 20,000/- have been sanctioned for DR.K.UmaPavan Kumar, Associate Professor, Department of CSE.

Under the esteemed guidance of Dr.SVN Srinivasu Professor, CSE Department awarded Ph.D. degree in Computer Science to V.Adisubba Lakshmi V from RAYALASEEMA UNIVERSITY.

Dr.K.Uma Pavan Kumar, Associate Professor, had acted as a resource person for the 2- Day workshop on "Big Data and Machine Learning Use cases in real time" at Universal College of Engineering Snd Technology.

Dr.S.V.NSrinivasu Professor, CSE Department acted as a resource person and delivered the lecture on "Historical background-Indian values -entrepreneurship –present scenario" for EAC program inNarasaraopeta Engineering College.

LIST OF NATIONAL/INTERNATIONAL JOURNALS IN - 2019

Dr.K.LakshminadhAssoc.Profhas presented a paper entitled "SECURITY ENHANCEMENT FOR CLOUDLET BASED MEDICAL DATA SHARING", in International Journal of Management, Technology and Engineering, Volume IX, Issue I, JANUARY/2019, ISSN NO: 2249-7455.

Dr.S.SivaNageswararaoAssoc.Profhas presented a paper entitled "SECURITY ENHANCEMENT FOR CLOUDLET BASED MEDICAL DATA SHARING", in International Journal of Management, Technology and Engineering, Volume IX, Issue I, JANUARY/2019, ISSN NO: 2249-7455.

Dr.S.V.N.Srinivasuhas presented a paper entitled "Improved Fingerprint Image Segmentation Approaches", in International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-8 Issue-5 March, 2019.

Dr.S.V.N.Srinivasu ,professor has presented a paper entitled "Hadoop Cluster Performance with MapReduce and Pig Latin in the Big Data", in International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-8 Issue-7 May, 2019

S Siva Nageswararao, K Lakshminadhhas presented a paper entitled "DDSRC: Algorithm for improving QOS in VANET", in International Journal of Recent Technology and Engineering (IJRTE) ISSN: 2277-3878, Volume-7, Issue-6S5, April 2019.

STUDENT ACHIEVEMENTS

SNO	CERTIFICATION NAME	NO OF STUDENTS WHO DONE CERTIFICATIONS	CERTIFICATE MODEL
1	SOLOLEARN	496	
2	NPTEL	37	
3	MTA	101	
4	APSSDC	160	
5	RED HAT LINUX	42	

Department of
Computer Science & Engineering

ACADEMIC TOPPERS LIST

NARASARAOPETA ENGINEERING COLLEGE::NARASARAOPET (AUTONOMOUS)
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
Management, Principal, HOD & Faculty Express their Hearty Congratulations to Toppers in II B.Tech I Sem
ACADEMIC YEAR: 2018 - 19

P.AKHILA	M.G.A.PRATHYUSHA	M.NIHARIKA	K.S.L.PAVAN KUMAR	B.JAYA SRI
17471A0574	17471A0588	17471A05J8	17471A0575	17471A0581
SGPA: 9.45	SGPA: 9.45	SGPA: 9.36	SGPA: 9.32	SGPA: 9.32

M.N.S.L.P.AMULYA	K.MANASA	J.SOWMYA	G.N.MALLIKA
17471A0582	17471A0586	17471A0599	17471A05F1
SGPA: 9.32	SGPA: 9.32	SGPA: 9.32	SGPA: 9.32

NARASARAOPETA ENGINEERING COLLEGE::NARASARAOPET (AUTONOMOUS)
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
Management, Principal, HOD & Faculty Express their Hearty Congratulations to Toppers in II B.Tech II Sem
ACADEMIC YEAR: 2018 - 19

S.RAMYA	M.N.S.L.P.AMULYA	J.SOWMYA	P.ALEKHYA	T.A.LAVANYA
17471A0598	17471A0582	17471A0599	17471A05B6	17471A05B9
SGPA: 9.59	SGPA: 9.32	SGPA: 9.45	SGPA: 9.45	SGPA: 9.45

B.JAYA SRI	G.DIVYA	G.BHAVANA	P.RAGHUVEER
17471A0581	17471A0573	17471A0597	17471A0537
SGPA: 9.32	SGPA: 9.18	SGPA: 9.18	SGPA: 9.05

NARASARAOPETA ENGINEERING COLLEGE::NARASARAOPET (AUTONOMOUS)
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
Management, Principal, HOD & Faculty Express their Hearty Congratulations to Toppers in III B.Tech I Sem
ACADEMIC YEAR: 2018 - 19

V.HEMA VARALAKSHMI	K.NAGA MOUNIKA	B.BHAVANI	B.SRAVANI	K.A.V.NAVYASRI
16471A0594	16471A0591	16471A0523	16471A05A8	16471A05E7
SGPA: 9.74	SGPA: 9.61	SGPA: 9.48	SGPA: 9.48	SGPA: 9.48

P.B.VENKATA DIVYA	A.MAHESWARI	M.KOUSALYA	C.GOUTHAM	M.JUHI MUSKAAN
16471A05F0	16471A05I1	16471A05I6	16471A05M2	16471A05M7
SGPA: 9.48	SGPA: 9.48	SGPA: 9.48	SGPA: 9.48	SGPA: 9.48

NARASARAOPETA ENGINEERING COLLEGE::NARASARAOPET (AUTONOMOUS)
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
Management, Principal, HOD & Faculty Express their Hearty Congratulations to Toppers in III B.Tech II Sem
ACADEMIC YEAR: 2018 - 19

A.MAHESWARI	B.BHAVANI	CH.N.RAMPRAKASH	M.CHANDRANI	K.RAJASEKHAR
16471A05I1	16471A0523	16471A0536	16471A05B9	16471A0587
SGPA: 9.61	SGPA: 9.48	SGPA: 9.48	SGPA: 9.48	SGPA: 9.35

V.HEMA VARA LAKSHMI	B.SRAVANI	G.PRIYANKA	P.B.VENKATA DIVYA	M.KOUSALYA
16471A0594	16471A05A8	16471A05C0	16471A05F0	16471A05I6
SGPA: 9.35	SGPA: 9.35	SGPA: 9.35	SGPA: 9.35	SGPA: 9.35

NARASARAOPETA ENGINEERING COLLEGE::NARASARAOPET (AUTONOMOUS)
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
Management, Principal, HOD & Faculty Express their Hearty Congratulations to Toppers in IV B.Tech I Sem
ACADEMIC YEAR: 2018 - 19

G. SAI SRAVANI	K.B.N.S. KAVYA SRI	SK. NASREEN	I. KASTURI NAIDU	K.CHANDRA SHEKAR
15471A0557	15471A05A4	15471A05L8	15471A05B4	15471A05H8
PERCENTAGE: 87.00%	PERCENTAGE: 86.00%	PERCENTAGE: 85.63%	PERCENTAGE: 84.25%	PERCENTAGE: 82.88%

V.PADMAVATHI	N. SAROJA	G. ANUSHA	G. LAKSHMI PRIYANKA	P. SUDARSHAN REDDY
15471A0543	15471A0546	15471A05L2	15471A0572	15471A0568
PERCENTAGE: 82.50%	PERCENTAGE: 81.75%	PERCENTAGE: 81.75%	PERCENTAGE: 81.38%	PERCENTAGE: 81.25%

NARASARAOPETA ENGINEERING COLLEGE::NARASARAOPET (AUTONOMOUS)
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
Management, Principal, HOD & Faculty Express their Hearty Congratulations to Toppers in IV B.Tech II Sem
ACADEMIC YEAR: 2018 - 19

G. SAI SRAVANI	CH.RAMYA	N. SAROJA	B.VAMSI KRISHNA	N.Y.N.S.VYSHNAVI
15471A0557	15471A0565	15471A0546	15471A05J9	15471A0548
PERCENTAGE: 87.50%	PERCENTAGE: 85.33%	PERCENTAGE: 82.67%	PERCENTAGE: 82.67%	PERCENTAGE: 82.17%

A.N.S.LALITHA	D.ANUJA	K.C.SHEKAR	G.SAI SOUMYA	SHAIK NASREEN
15471A0511	15471A0523	15471A05H8	15471A0510	15471A05L8
PERCENTAGE: 81.83%	PERCENTAGE: 81.67%	PERCENTAGE: 81.50%	PERCENTAGE: 81.33%	PERCENTAGE: 81.17%

A 6-Day STTP on "STATISTICS WITH R PROGRAMMING" SPONSORED BY AICTE, NEW DELHI FROM 24-6-2019 TO 29-06-2019

CSE Department organized a 6-Day Short Term Training Programme (STTP) on "Statistics with R Programming" sponsored by AICTE, New Delhi, during 24/6/2019 to 29/06/2019. Coordinator of this STTP is Dr. S.N. Tirumala Rao, Professor & Head, Dept. of CSE. Resource persons from various reputed Universities / Colleges delivered their Lectures for this workshop.

Resource Persons:

Dr. V. V. HaraGopal Prof. of Statistics, Dept. of Mathematics BITS Pilani, Hyderabad,

Dr. N. B. Venkateswarlu M.Tech (IIT Kanpur)., Ph.D (BITS, Pilani) Professor, G.V.P College of Engineering for Women.

Mr.T.Venkateswara Rao ,Former Adviser of APSSDC

Dr. S.Sagar Imambi ,Professor , KL University

Participants from various Engineering Colleges across pan India have participated in this STTP.

Department of
Computer Science & Engineering

The Department of CSE organized a 5 - Day Faculty Develoment Programme (FDP) on "Introduction to Programming:A Pedagogical Approach" during 17th- 21st June, 2019, in association with MNIT, Jaipur. 30 Faculty members attended to this programme. The coordinator to this programme is Dr. S.V. N. Srinivasu, Professor, Dept. of CSE.

A ONE DAY WORKSHOP ON "PYTHON PROGRAMMING : IIT BOMBAY" on 22nd June, 2019

• CSE Department organized a One Day workshop on Python Programming in association with IIT Bombay under "Pandit Madan Mohan Malavia National Mission on Teachers and Teaching (PMMMNMTT)" on 22nd June 2019.

Student Contribution(s)

69 Students Completed "Front End Web Developer" Nano Degree Udacity Certification Course organised by APSSDC .

7 Students Completed "Android Web Developer" Nano Degree Udacity Certification Course organised by APSSDC. Overall 43 Students Completed the Course.

ALUMNI VOICE

I can proudly say that, I'm the alumni of this college .4 years of wonderful journey in NEC really taught me how to be and how not. I always bow my head to each and every one who made me identical. Without them, today i was nothing....I earned good friends (Indeed Awesome) and good mentors who can guide me through life's journey.

Sai Teja Kurapati
Company:Infosys Ltd.
Role: Systems Eng.

STUDENT VOICE

I am very glad to be a student of this college, faculty supported well for getting job in MNC company like TCS they provide us good training in the areas of requirement of TCS. I feel proud to be student of this college.

K. Chandrashekar
15471A05H8
IV-II semester
2018 TCS Selects

I would like to share my views as a fresher in narasaraopeta engineering college. Till now I have completed a semester and participated in many competitions and our college have conducted workshops to improve our skills. Faculty support us and help us to learn new skills. Our seniors also worked as a mentors to improve our skills in coding. In the first year itself we get training regarding our job. Mock interviews are being conducted. Teachers encourage us to learn new things by making us to register for NPTEL courses. Our college have some student clubs like CSI, EDC.CSI help students to increase their knowledge in programming by conducting various coding competitions, quizzes and power point presentations to eliminate stage fear. EDC club helps students to implement their ideas as an entrepreneur.

D.CHAKRI VENKATA SAI TEJA
18471A0510

The days when I was in final year of my graduation my college helped me to get a job by giving appropriate training. Our faculty worked hard to help students in every possible way to get job. My college gave me a platform to know about my skills and my hidden potentials. Other than job and studies I had made a lot of new friends who supported me every time. I was happy that my classmates cooperate to maintain good communication skills. The mentorship program offered by student support permitted further guidance in completing my degree.I thank every faculty who are working and worked in college for supporting me and helping me to learn new things. Finally I have place in Accenture with a package of 4.5LPA.

KALLAGUNTA KALYANI
15471A0552