TECH MARVELS NEWSLETTERS

Department Of
Computer Science & Engineering

October 2019-Januvary 2020   Vol-II

ADITYA
ENLIGHTENS THE NESCIENCE
COLLEGE OF ENGINEERING AND TECHNOLOGY

INDEX

4 ALLA SRIKANYA   16P31A0564

ABOUT DEPARTMENT:

COMPUTER SCIENCE & ENGINNERING

Computer Science Engineering is a course that focuses on the design, development, and management of software and hardware-based information systems. A computer scientist is an expert in computing theory and computational system design. Electrical and electronics engineering, information technology, software engineering, and other areas benefit from computer science engineering.

B.Tech, and M.Tech degree programmes in Computer Science Engineering are available at both the undergraduate and postgraduate levels. At the undergraduate level, B.Tech in computer science is popular, while M.Tech in computer science is popular at the graduate level. Candidates can obtain numerous entry-level positions in the IT industry or related fields after completing a degree programme in computer science, provided they meet the requisite skill set, such as understanding of programming languages.

ADITYA COLLEGE OF ENGINEERING & TECHNOLOGY

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

COMPUTER SCIENCE & ENGINEERING   NEWSLETTER

Student Zone:

Department of Computer Science & Engineering Organized Engineering /Technical Events Such as seminars, guest Lectures and Workshops. Department of CSE Students are Participated all This Events.

S.No	Date	Name of the event	Name of the coordinator/s	Resource person details	No of participants
1	17-09-2019	One Day Guest Leature on Nano Technology	J.Divya Lalitha Sri	Dr.L Lal Kishore Former Vice-Chancellor of JNTUA,Ananthapuram.ISTE Section Chairmen,AP	71
2	20-09-2019	A Seminar on Significance of Patents and Policy Of Intellectuval Property Rights	J.Divya Lalitha Sri	Dr.P.S.Ranjit ,Ph.D Professor-Dept. of Mechnical Engg, Aditya Engineering College (Autonomous)	100
3	26-12-2019 to 28-12-2019	Three Day Workshop on AWS Essentials	N.Madhuri	APSSDC, Andhra Pradesh	61

Placements:

Department of CSE Students Selected in different Companies

DATE	COMPANY NAME	PACKAGE	ROLL.NO	STUDENT NAME
12-10-2019 13-10-2019	HEXAWARE TECHNOLOGIES	3.00 LPA	16P31A0570	BOLLA ALEKYA DEVI
12-10-2019 13-10-2019	HEXAWARE TECHNOLOGIES	3.00 LPA	16P31A0539	PAKKI SIVA SAI PRASANTHI
03-10-2019 04-10-2019	AMAZON AWS	19.00 LPA	16P31A0584	SUNANDA KANAMATHA REDDY
15-11-2019 16-11-2019	VAISHNAVI INFORMATION TECHNOLOGIES	4.00 LPA	16P31A05B0	SHUBHAM KUMAR GUPTA
15-11-2019 16-11-2019	VAISHNAVI INFORMATION TECHNOLOGIES	4.00 LPA	16P31A05B8	MUKESH KUMAR
11/20/2019	FULL CREATIVE TECHNOLOGIES	2.75 To 3.00 LPA	16P31A0593	MANCHINISETTI PRAVALLIKA
26/11/2019	INFOSYS	3.50 LPA	16P31A0596	DIVYA SRI MEDAPATI
26/11/2019	INFOSYS	3.50 LPA	16P31A0510	HAARIKA CHODISETTI
26/11/2019	INFOSYS	3.50 LPA	16P31A05B9	GARAPATI VASAVI
26/11/2019	INFOSYS	3.50 LPA	16P31A0574	CHILUKURI VAISHNAVI
18-10-2019 19-10-2019	WIPRO	3.50 LPA	16541A0509	DWARAMPUDI SRI LAKSHMI PRASANNA
18-10-2019 19-10-2019	WIPRO	3.50 LPA	16P31A0557	ASHISH KUMAR
18-10-2019 19-10-2019	WIPRO	3.50 LPA	16P31A0530	KUMPATLA SWARNAMBIKA
18-10-2019 19-10-2019	WIPRO	3.50 LPA	16P31A0533	MALNEEDI SAI SATYA SRI MEGHANA
18-10-2019 19-10-2019	WIPRO	3.50 LPA	16P31A0570	BOLLA ALEKYADEVI
18-10-2019 19-10-2019	WIPRO	3.50 LPA	16P31A0587	KOKA SINDHUSHA
12/20/2019	WEB SYNERGIES	3 to 3.2 LPA	16P31A0522	KALTURI SATYA DEVI

21-12-2019 22-12-2019	RAYBIZ TECHNOLOGIES	2.40 LPA	16P31A0520	KALIDINDI RAHUL VENKATA BABA
12/26/2019	SAVANTIS SOLUTIONS	3.50 LPA	16P31A0512	DEBOLINA PAUL
12/26/2019	SAVANTIS SOLUTIONS	3.50 LPA	16P31A0595	MAVURI SAI SUSMITHA
10-01-2020	TECH MAHINDRA	2.6 To 3.25 LPA	16P31A0512	DEBOLINA PAUL
10-01-2020	TECH MAHINDRA	2.6 To 3.25 LPA	16P31A0593	PRAVALLIKA MANCHINISETTI
10-01-2020	TECH MAHINDRA	2.6 To 3.25 LPA	16P31A0561	NINEESHA BHAVANI ADIREDDY
10-01-2020	TECH MAHINDRA	2.6 To 3.25 LPA	16P31A05B5	YAMINIMANI DEEPIKA YARRA
10-01-2020	TECH MAHINDRA	2.6 To 3.25 LPA	16P31A0538	PRAVALLIKA SATYASRISAI NIMMAGADDA
10-01-2020	TECH MAHINDRA	2.6 To 3.25 LPA	16P31A0516	SAI CHANDANA GUTTULA
10-01-2020	TECH MAHINDRA	2.6 To 3.25 LPA	16P31A0537	NAVIN KUMAR SINGH

Technology Trends:

'Internet of Things':

The 'Internet of Things' (IoT), the most important component of all technologies and innovation, is at the top of the list. The way it has evolved over time, even while various technology and IT solutions have come and gone, demonstrates its potential for the future. The year 2018 witnessed the evolution of the Internet of Items from a collection of "connected things" to "how we may use its data for our benefit." That's how the three most crucial technologies, data analytics, edge computing, and 5G, came to be.

Data Analytics

Every industry's operation revolves around data analytics. This data aids us in making sound business decisions and reaching out to the appropriate audience. Large data processing has become easier and more precise thanks to data analytics technology such as Big Data, Data Science, Deep Learning, and Machine Learning.

Edge Computing

Just as businesses began to believe that cloud computing was the 'need of the hour,' rapid digital change introduced the concept of the 'Intelligent Edge' to the fore. Because of the volume of data and speed required by IoT, it is impossible to keep information in the cloud, necessitating the use of Edge computing. This technology has the ability to reduce reliance on the cloud, reduce instances of lag, and improve the handling of vast data generated by connected items.

Instead of sending data to a data Centre, edge computing allows data to be processed on the source device. "By 2020, IT spending on Edge Infrastructure will account for up to 18% of total IoT Infrastructure spending," International Data Corporation projects.

5G Mobile Network:

When discussions about 5G first appeared, we had barely begun to see the replacement of 3G with 4G. This technology breed was built to manage IoT and digital reality gadgets that are hyper-connected.

It has a high data rate, low latency, energy efficiency, cost savings, increased system capacity, and flawless device communication.

"The 2G networks were created for voice, the 3G networks for voice and data, and the 4G networks for high-speed internet." "With 5G, we'll see computing capabilities fusing with communications everywhere," says Asha Keddy, Mobile Standards for Advance Tech Department, Intel. "Trillions of things like wearable gadgets won't have to worry about computer power because the network can handle any processing needed."

Faculty Zone

Department of CSE Faculty International Journals (SCOPUS):

1. Mounika, R., Kavitha, K., Lalitha, R.V.S., An effective system to detect fake research, International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-9, Issue-1, November 2019,pp 2971-2975.

2. Abhishek Reddy, B., Kavitha, K., Manukonda, A.D., Lalitha, R.V.S., Krishna Rao, N.V., Semi-equalizing load in multi-hop wireless networks, **International Journal of Innovative Technology and Exploring Engineering (IJITEE)ISSN: 2278-3075, Volume-9, Issue-1, November 2019,** 3047-3051.

3. Kavitha, K., Lalitha, R.V.S., Suneetha, T.V., Usha Sree, Counterfeiting threats in IoT**International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-9, Issue-1, November 2019,pp 2990-92.**

4. Kavitha, K., Lalitha, R.V.S., Lalitha, J.B., Suneetha, T.V., Data offloading for effective rescue operations during fire disaster management, **International Journal of Engineering and Advanced Technology (IJEAT) ISSN: 2249 – 8958, Volume-9 Issue-1, October 2019,**5319-5321. https://www.ijeat.org/wp-content/uploads/papers/v9i1/A2965109119.pdf

Faculty FDP/webinars/Seminars:

1	Mrs.K S B AMBIKA	FDP - Object Oriented Analysis and Design	NPTEL	Online	Aug-Oct 2019/56
2	Mr Chakka SVVSN Murthy	Workshop-NIRF	Aditya College of Engineering & Technology	Surampalem	17-10-2019/1
3	Mr Chakka SVVSN Murthy	Workshop- Quality enhancements measures in higher, technical, professional and management educational institutions with special focus on NIRF rankings	JNTU	Hyderabad	18-10-2019 to 19-10-2019/2
4	Mrs.K S B AMBIKA	FDP - Object Oriented Analysis and Design	NPTEL	Online	Aug-Oct 2019/56
5	N.Madhuri	Workshop - Engineering Exploration Project	JNTUK	Kakinada	10-11 Oct 2019/2days

NSS Activities;

Blood Donation Camp	28-01-2020	323
Awareness Rally on AIDS at Peddapuram	30-11-2019	256
Essay Writing on National Unity Day for Aditya Degree College	31-10-2019	124

Department Of Computer Science & Engineering Students are Participated in NSS Camp Activities

On the 30th November 2019, the programme was held to raise student awareness and sensitivity about the current HIV/AIDS situation in the country, as well as to demonstrate health education to the general public about HIV/AIDS through various channels such as posters, slogans, rallies, and street-play by students. The activities for World AIDS Day 2019 were centred on the subject "Ending the HIV/AIDS Epidemic- Community by Community." A rally was held in the surrounding village of Peddapuram, as well as on campus. Around 250 second-year volunteers/students educated the community about health through encounters, slogans, banners, and other means. At the conclusion of the session, students and professors took an oath to promote a caring attitude and non-discriminatory behaviour toward those living with HIV/AIDS.

Students from ACET and Aditya Degree College came together to celebrate Rashtriya Ekta Diwas, which commemorates Sardar Vallabh Bhai Patel's birth anniversary. The students took a special oath led by NSS PO, promising to dedicate themselves to preserving the country's unity, integrity, and security. The children also participated in an essay writing competition on the theme of Sardar Vallabh Bhai Patel, which focused on the importance of people working together for a better society.

Our NSS unit, in partnership with GOVERNMENT GENERAL HOSPITAL, KAKINADA, held a blood donation camp, during which 283 units of blood were donated by students and staff members of our ADITYA COLLEGE OF ENGINEERING AND TECHNOLOGY. It is a gesture by Aditya College of Engineering and Technology, Surampalem to bring a glimmer of hope to the urgent concerns of acute blood shortages. Every year, our college organises blood donation camps. Students and faculty members volunteer to donate blood on their own time. Medical personnel informed the pupils about the importance of blood donation and the benefits of doing so. The camp would cost Rs 1500 in total.

Cultural Events :

Aditya College of engineering & Technology, Department of Computer Science and Engineering Students and Other Department Students are celebrated Christmas and Pongal Cultural Events, Students are Participated in different Cultural events

Christmas Event Celebrations

Sankranti(Pongal) Celebrations