

NEWSLETTER



Department of
Information Technology

Tech Talks-Insights of IT

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ANDHRA LOYOLA INSTITUTE OF
ENGINEERING AND
TECHNOLOGY

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MESSAGE FROM HOD DESK

It gives me immense pleasure to lead the Information Technology Department of this esteemed and prestigious Institution. We impart quality education in different disciplines of Information Technology.

The Department of Information Technology was formed in the year 2008. The department has started B.Tech program with an initial intake of 60. The department is well equipped with the latest computing labs & infrastructure, which includes latest and licensed software's and computers with high configuration

Our faculty members aim at delivering top class education blending their rich research experience with class room teaching. The entire faculty is involved in research activities and has published/presented papers in national and international journals and conferences.

The department offers various certification training programs to students like APSSDC Python and Advanced Python Program, Mobile App Development Program, AWS Certification and R-Programming Certification to make the students well prepared to face the industry. The department has also MoU's with different companies to encourage students with new technologies. Students are encouraged to do Internships at various companies to get an experience in the corporate sector. Students are encouraged to participate in various events in different colleges.

VISION:

To evolve as a center for quality engineers with academic excellence and social responsibility in ever changing IT field.

MISSION:

M1: To impart higher education with academic excellence to produce quality engineers.

M2: To instill values of quality learning among emerging technocrats to meet the needs of society.

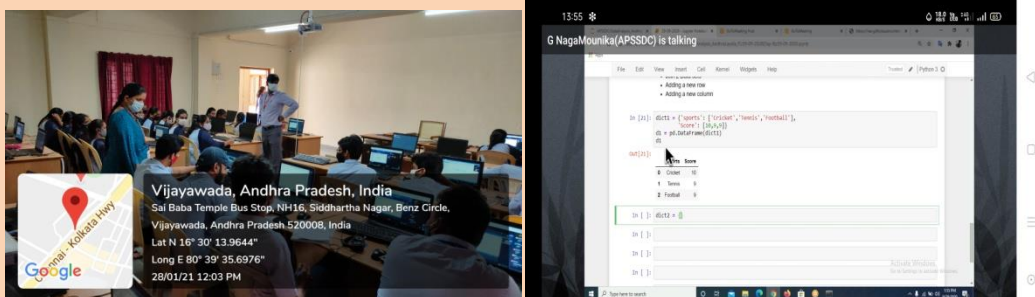
PEO's

- 1.To prepare the students as IT professionals with mathematical, scientific and technical skills.
- 2.To make the students practice effective soft skills for a successful career in IT industry.
- 3.To give student awareness on lifelong and cultivate professional ethics in the IT industry.

GUEST LECTURES / WORKSHOPS ORGANIZED

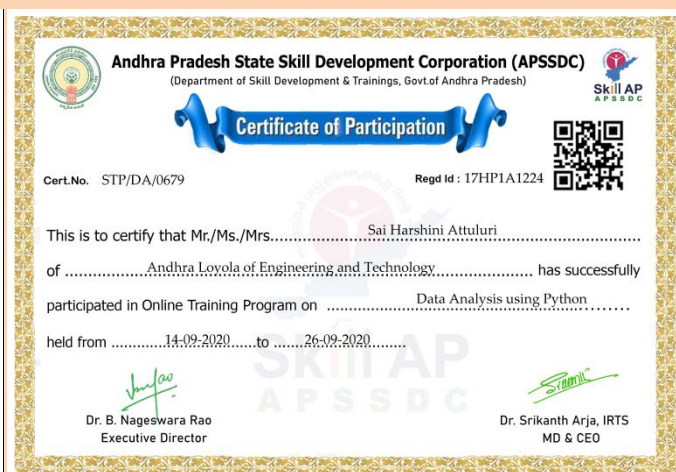
1.The Department of IT has organized 2-Week Student Training Program on “**Problem Solving Using Python**” in association with APSSDC from 14th to 26th Sep 2020. The trainers of the program are A.Niharica, G.Naga Mounika, P.Lavanya.

2.The Department of IT has organized 2-Week Student Training Program on “**Data Analysis using python**” APSSDC from 14-24 Sep 2020. Resource persons are A.Niharica, G.Naga Mounika, P.Lavanya



APSSDC has conducted a 2-Week Workshop on Problem solving Using Python For II Years and Data Analysis Using Python For III,IV Years . The workshop was delivered and executed by the resource persons for the IT students of ALIET.A total of 165 students attended in this workshop. This workshop aimed to cover the various topics such as

1. Python basics.
2. String slicing and functions with examples.
3. Python functions.
4. Conditional statements iterations and lists.
- 5.Tuples,Sets,Dictionaries,Packages,Modules and Regular Expressions.

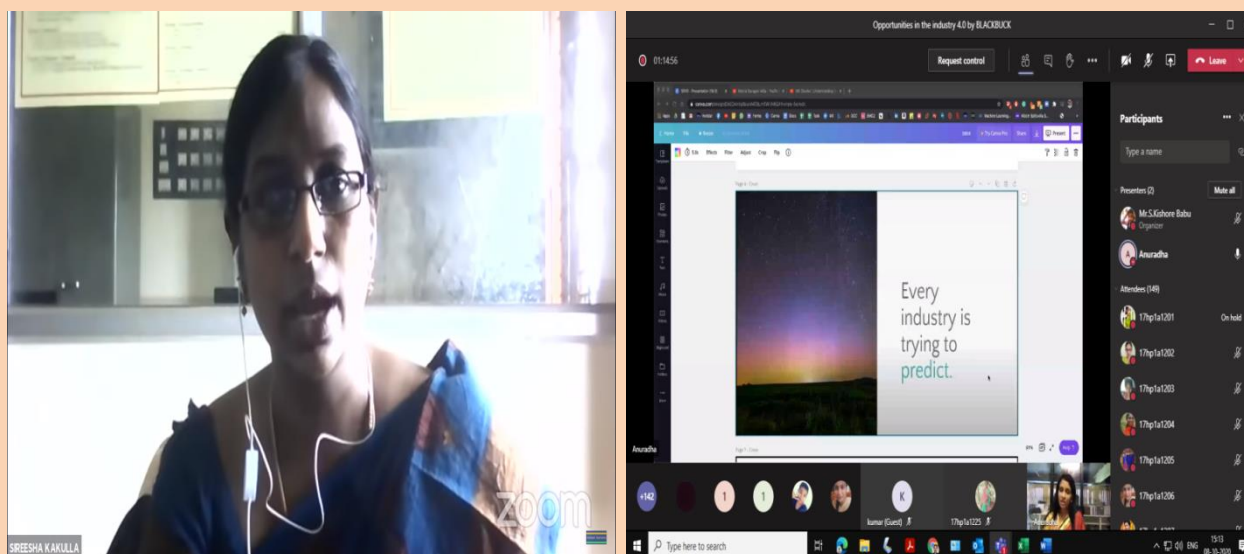


3.The Department of IT has organized a 1-Day Online Webinar on “Career Industry 4.0 “ on 08th OCT 2020.

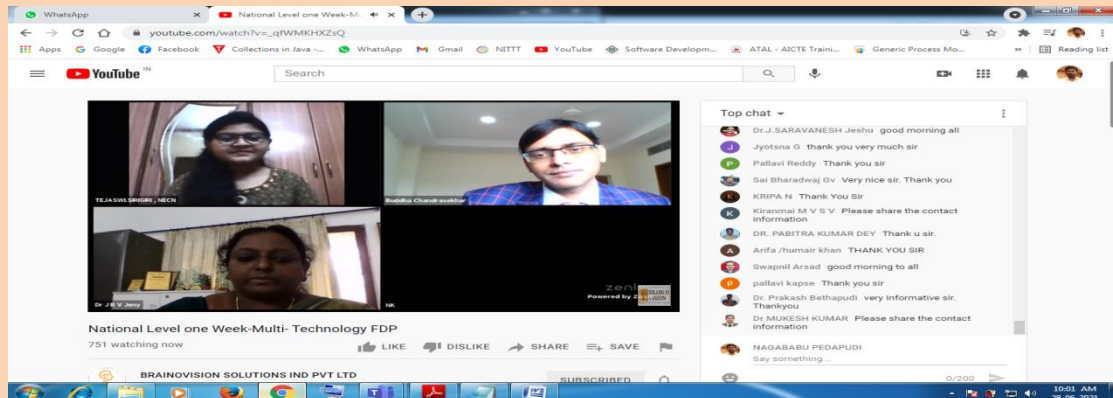
Webinar On “Career Industry 4.0 “ has been conducted on 08-10-2020 , at Andhra Loyola institute of Engineering and Technology, Vijayawada , Krishna District , Andhra Pradesh. The Resource Person of this Webinar was Ms Anuradha ,CEO, BLACKBUCK. The primary objective of the Webinar is to cover topics of Centre of Excellence is a program in which students get benefits of all recent trends in new Technologies such as Artificial intelligence, Machine Learning, Block chain etc.. The students experienced online on session on Career Industry 4.0. A Total of 130 students were participated in this webinar and gained the Knowledge on Career Industry 4.0

4.The Department of IT has organized a 2-Day Workshop on “DEEP LEARNING” in association with Indian Servers from 03rd to 04th August 2020.

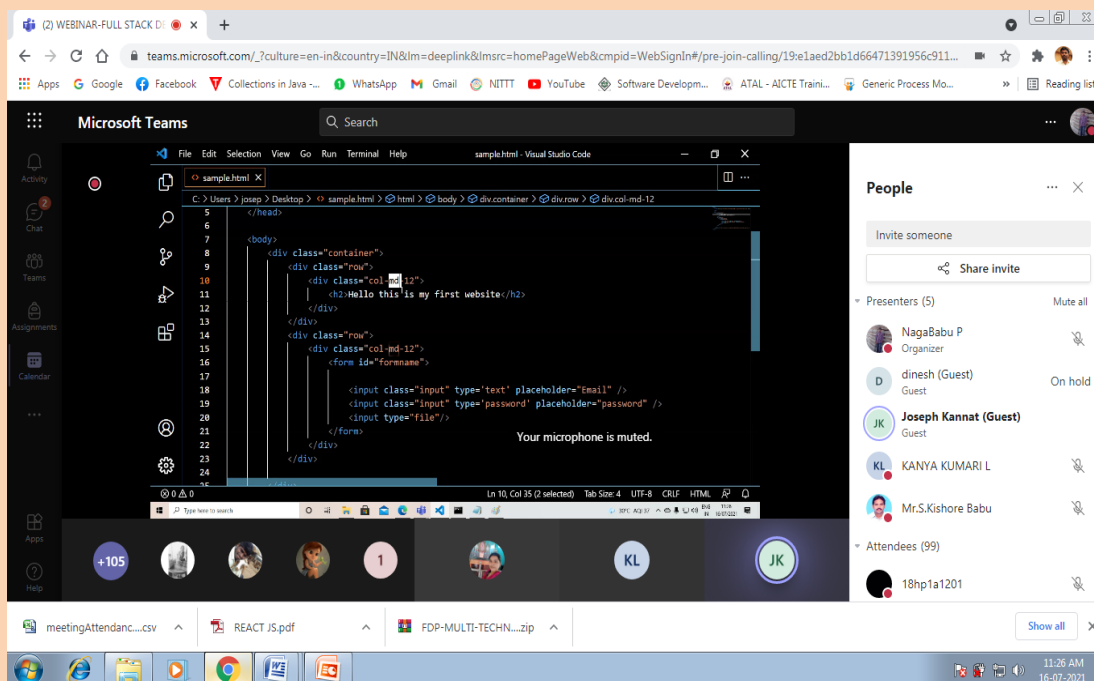
Workshop On “Deep Learning “ has been conducted from 03-08-2020 to 04-08-2020 , at Andhra Loyola institute of Engineering and Technology, Vijayawada , Krishna District , Andhra Pradesh.The Resource Person of this Workshop was Ms Sreesha Kakulla,Trainer, Indian Servers .The primary objective of the Workshop is to cover topics Machine learning vs. deep learning, Convolutional neural networks (CNNs).The students experienced online on session on Deep learning. A Total of 155 students were participated in this workshop and gained the Knowledge on Deep Learning.



5.The Faculty of IT Department undergone a FDP program on “**Multi Technology**” by Brain o vision team from **28-06-2021 to 03-07-2021**. The Resource person(s) gave guidance to the faculty about the updated Technology and how to choose the correct path in corporate world. He explained about the Artificial Intelligence and some Technologies like as Data Science, react Js , Machine learning, etc in corporate filed.



6.IT Department organized a Webinar on “**Full Stack Development**” on **16-07-2021** for 2nd year students of the department. Resource persons are Mr Joseph K Raj and Mr H .Dinesh . They explained the students about what is an React Js and MongoDb and what are the services provided. A Total of 64 students were participated in this webinar and gained the Knowledge on FULL STACK DEVELOPMENT



7. Final year students of the department had undergone a 1-Day workshop on **“ENTREPRENEURSHIP AWARENESS CAMP (EAC)”** by Mr T.GOWTHAM On 23rd January 2021. The program was an interactive session which gave enthusiasm to students. All the student ideas are taken by the resource person and are explained the advantages and disadvantages of the ideas. Different tasks are assigned to the students to give them an idea about the start up's. All the students are formed into small groups and a task is assigned for them to come up with new ideas. The idea was explained to the gathering by the team and the resource person gave some corrections to the ideas developed by the students. The final year students were happy to participate in this program and also learned how to start a STARTUP which will give employment to at least some people. They made awareness in the students to bring up new ideas. The following ideas were appreciated by the resource person: Garage on the way, online caretaker, spacex, online home food and etc.

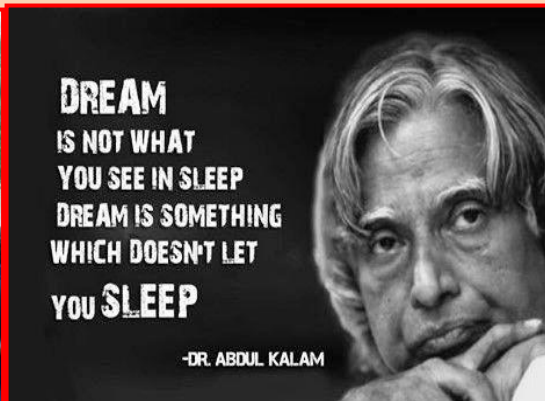


In the view of 5th death anniversary of the former President of India and Missile Man a programme was organized on 27th July 2020 to pay homage to Dr. A. P. J. Abdul Kalam. This programme was organized under the association of vibrant of Kalam an NGO which spreads Kalamism all over India. All the students are gathered and an opening ceremony was held by giving flowers to APJ Abdul Kalam photo frame. The Director, Assistant Directors and Heads of the Department, Faculty members and students pay tribute to APJ Abdul Kalam by remembering his hard work in all the fields.

Dr. A. P. J. Abdul Kalam was responsible for the development and operation of Agni and Prithvi missiles, which is why he is called the 'Missile Man'. For seven years (1992-1999) Kalam remained the Chief Scientific Adviser to the PM and Secretary of the DRDO. He received honorary Doctorates from 48 universities and institutions from India and abroad. . He spearheaded the Integrated Guided Missile Development Program and headed as DRDO Chief during 1992-1999. First scientist to hold the highest office as President of India inspiring millions. He inspired to think big in life. He penned nearly 25 books like India 2020, Vision for the new millennium, Mission of India: A Vision of Indian Youth. Kalam was awarded the coveted civilian awards - Padma Bhushan (1981), Padma Vibhushan (1990) and the highest civilian award in India- Bharat Ratna (1997).

Remembering Bharat Ratna Dr. APJ Abdul Kalam on his death anniversary ALIET conducted the plantation program, Rally and inaugurated 80mts length National Flag inside the Campus.





STUDENTS EVENTS ORGANIZED

SN	EVENT NAME	DATE OF EVENT	RESOURCE PERSON	NO.OF STUDENTS
1	Workshop On Problem Solving Using Python	2-Week 14 th Sep 2020 to 26 th Sep 2020	APSSDC	65
2	Workshop On Data Analysis Using Python	2Week (14 th Sep 2020 To 24 th Sep 2020)	APSSDC	100
3	Workshop On Deep Dive Uipath With Real Time Use Cases	5 days (25 th JAN 2021 To 29 th JAN 2021)	APSSDC	45
4	Webinar On Career Industry 4.0	1 Day (08 th Oct 2020)	BLACKBUCK	130
5	Webinar On Cyber Security And Ethical Hacking	1 Day (17 th Oct 2020)	Mr Ch Kartheek Director,ER Segment Solutions Pvt Ltd	101
6	Workshop On Deep Learning	2 Day (03 rd Aug 2020 To 04 th Aug 2020)	Indian Servers	155
7	Workshop On Entrepreneurship awareness camp(EAC)	1 Day (23 rd Jan 2021)	Mr T.GOWTHAM Foundar and CEO,Nentr Vijayawada.	45
8	Webinar On Hysea Eenadu Webinar On Ai	1 Day(09 th Oct 2020)	HYSEA Eenadu Team	160
9	Webinar On Essential Skills For Your Future	1 Day (11 th JAN 2021)	BLACKBUCK	135
10	Workshop On Microsoft AI Classroom Series for Students	3 Day (24 th Sep 2020 To 26 th Sep 2020)	Microsoft Team Members	100
11	Seminar On Tech Know-2021	1 Day (18 th FEB 2021)	JYESHTATECH-TEAM	80
12	Webinar On Toycation 2021	1 Day (18 th Jan 2021)	Prof. Manish Jain, IIT Gandhinagar	100
13	FDP On MULTI TECHNOLOGY	5 Day 28 th June 2021 To 03 rd July 2021	Brain o vision	70

14	APPTITUDE SKILL TEST	5 Day 26 th June 2021 To 30 th June 2021	Brain o vision	55
15	Webinar on AWS	1 Day 19 th July 2021	Mr .P.Abhilash TCS-HYD	100
16	Webinar on CURRENT JOB MARKET & ORIENTATION ON "YOURSKILL DOST"	1 Day 6 th May 2021	Mr.AVISHEK CHATTERJEE	45
17	Webinar on Build Your Career in Data Science	1 Day 30th April 2021	Mr. Abhishek Ahir	120
18	Webinar on FULL STACK DEVELOPMENT	1 Day 16th July 2021	Mr Joseph K Raj Mr H .Dinesh Vizag.	64
19	Workshop on IBM Cloud Code	1 Day 21st May 2021	APSSDC	120
20	Webinar on Improve memory & cognitive ability by embracing stress in a healthy way	1 Day 13th July 2021	Ms.S.N.Santhi Sri	130
21	Webinar on Machine Learning with Python	1 Day 30th April 2021	ATS Learning Solutions	64
22	Workshop on React Js	5 Day 05 th July 2021 to 10 th July 2021	Brain O Vision	100
23	Webinar on Road Safety Info	1 Day 16 th june 2021	Honda Motorcycle and Scooter Pvt Ltd	100
24	Webinar on Spring Frame work	1 Day 23-07-21	Mr .R.Reventh	64
25	Webinar on Career insight in media	1 Day 26-07-2021	Mr. S.Raghu vamsi Maya academy of Advanced cinematics	64
26	Webinar on Cross platform Mobile Application Development	1 Day 30-April-2021	ATS Learning Solutions	120

Faculty publications

1.

SNO	Faculty Name	Number of Publications	Publication Titles
1.	Dr.V. Shanmukha Rao	2	<ol style="list-style-type: none">1. The Probability of Microblog Forwarding using Multi-Message Interaction-Driving Mechanism",Dr B V Subba Rao¹, Mr. Raja Kondaveeti², Mr.Y.Ramu³, Dr V. Shanmukha Rao⁴, Dr G.SivaNageswara Rao⁵, Turkish Journal of Computer and Mathematics Education Vol.12 No.9 (2021), 434-437.2. "Automated exam paper process based on schedule and authenticity", 1st Dr.V.Shanmukha Rao,2nd V.Chaitanya Sai,3rd S.Sai Sandeep, 4th M.V.Jayadeep International Conference of Advance Research and Innovation (ICARI-2020).
2.	Ms . L.Kanya Kumari	2	<ol style="list-style-type: none">1. A GLCM based Feature Extraction in Mammogram Images using Machine Learning Algorithms International Journal of Current Research and Review Research Article DOI:http://dx.doi.org/10.31782/IJCRR.2021.13503.2. Mammogram Classification with Forest Optimization using Machine Learning Algorithms International Journal of Current Research and Review Research Article DOI: http://dx.doi.org/10.31782/IJCRR.2021.13904.

Faculty achievements :

Sl.No	Faculty Name	Award	Issue Date
1	V. Shanmukha Rao	Distinguished Faculty in Computer Science and Engineering	30-01-2021
2	L.Kanya Kumari	I2OR NATIONAL EMINENT YOUNG RESEARCHER AWARD 2020	10-09-2020
3	S.Kishore babu	Ap set Qualified	20-12-2020

Placements:

S.NO	Roll No	Name of the Student	Company
1	17HP1A1201	Akula Bhagyasri	AllSec Technologies, ASC Pvt Ltd, Cognizant, RK INFO SYSTEMS
2	17HP1A1203	N.G.L.Prasanna	ASC Pvt Ltd, RK INFO SYSTEMS
3	17HP1A1206	JAHNAVI	AllSec Technologies, REFINEDGE, ASC Pvt Ltd
4	17HP1A1207	M.Kavya	ASC Pvt Ltd, FACE Prep, INFOSYS, JMan, MAVENTIC, QSPIDERS, WIPRO
5	17HP1A1208	Lavanya Bandi	INFOSYS
6	17HP1A1210	Dasari Leela Bhavani	AllSec Technologies
7	17HP1A1215	Nandini Maruthaiveeran	AllSec Technologies, QSPIDERS, Tech Mahindra
8	17HP1A1219	Bellamkonda Prasanthi	AllSec Technologies, ASC Pvt Ltd, Cognizant
9	17HP1A1220	Rajeswari M	Cognizant
10	17HP1A1222	Shaik Reshma	AllSec Technologies, FACE Prep
11	17HP1A1232	Sruthi Veerepalli	INFOSYS
12	17HP1A1234	Sai Nikitha V SSD Nelanuthala	AllSec Technologies, ASC Pvt Ltd
13	17HP1A1238	CHANDRA VAMSI SURAPANENI	ACCENTURE, AllSec Technologies, ASC Pvt Ltd, Cognizant, MINDTREE, INFOSYS, JIVA Infotech, REFINEDGE, FACE Prep