

NEWSLETTER



Department of
Information Technology

Tech Talks-Insights of IT

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ANDHRA LOYOLA INSTITUTE OF
ENGINEERING AND
TECHNOLOGY

MESSAGE FROM HOD DESK

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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

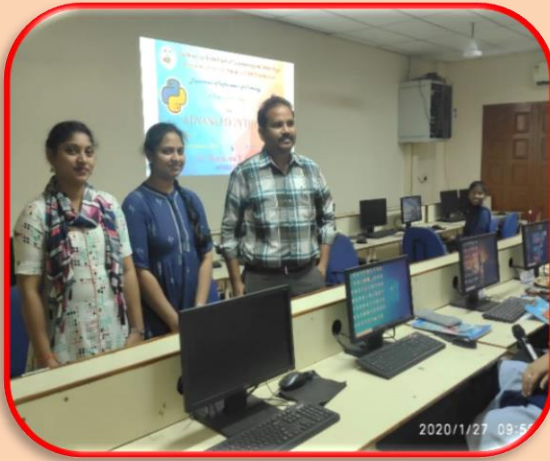
1.To prepare the students as IT professionals with mathematical, scientific and technical skills.

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 5-days Student Training Program on “**PYTHON PROGRAMMING (PHASE-1)**” in association with APSSDC from 26th to 30th August 2019. The trainers of the program are SINDHU and BHAVYA CHOWDARY.
2. The Department of IT has organized 5-days Student Training Program on “**PYTHON PROGRAMMING (PHASE-2)** APSSDC” from 27-31 January 2020. Resource persons are SINDHU and BHAVYA CHOWDARY.



APSSDC has conducted a Five Day Workshop on Problem solving and programming in Python and Advanced Python in two phases. The workshop was delivered and executed by the resource persons Sindhu and Bhavya for the IT students of ALIET. A total of 114 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 5-Days Hands on Workshop on **“ASSOCIATE CLOUD ARCHITECT CERTIFICATION BY AWS”** from 19th to 24th AUGUST 2019.
4. The Department of IT has organized a 3-Days Workshop on **“AMAZON WEB SERVICES (AWS)”** in association with APSSDC from 15th to 17th JULY 2019



AWS (Amazon Web Services) is a comprehensive, evolving cloud computing platform provided by Amazon that includes a mixture of infrastructure as a service (IaaS), platform as a service (PaaS) and packaged software as a service (SaaS) offering. AWS services can offer an organization tools such as compute power, database storage and content delivery services. AWS launched in 2006 from the internal infrastructure that Amazon.com built to handle its online retail operations. The AWS Mobile Hub offers a collection of tools and services for mobile app developers, including the AWS Mobile SDK, which provides code samples and libraries. A mobile app developer can also use Amazon Cognito to manage user access to mobile apps, as well as Amazon Pinpoint to send push notifications to application end users and then analyze the effectiveness of those communications



5. The final year students of IT Department undergone a program on “**How to Build the Career**” by G. Suresh Kumar on **27-01-2020**. The Resource person gave guidance to the students about the Career and how to choose the correct path in corporate world. He explained about the Pros and cons of some technical areas like Networking, Programming, Developer, Testing and Security etc in corporate filed.

6. Department organized a seminar on “**Internet of Things**” on **26-2-2020** for 3rd year students of the department. Resource persons are Varun and Chidvilas. They explained the students about what is an IOT and what are the services provided. They discussed about the new wave of app development. It interweaves sensors, connected devices, networking, and analytics elements can be combined to form a new application.



7. Final year students of the department had undergone a 3-Day workshop on **“ENTREPRENEURSHIP AWARENESS CAMP (EAC)”** by **M VISHNU VARDHAN** from 5th February to 7th February 2020. 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.

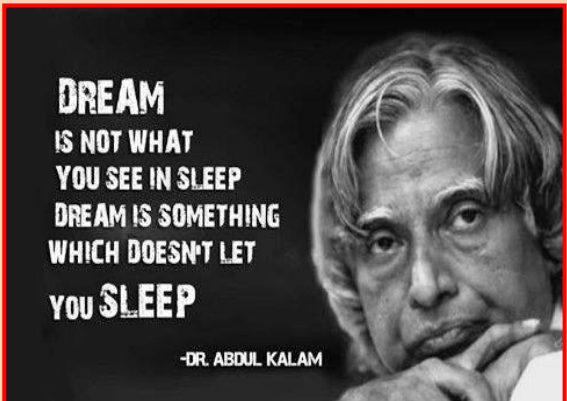


In the view of **4th death anniversary** of the former President of India and Missile Man a programme was organized on **27th July 2019** to pay homage to **Dr. A. P. J. Abdul Kalam**. This programme was organized under the association of vibrant of Kalam an NGO which spreads Kalamism all over India. 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	Name of the topic	Date-month-year	Resource person with destination	No.of students
1	Workshop on Amazon Web Services (AWS)	03days (15/07/2019 to 17/07/2019)	Mr R. Ramadeep, Associative Cloud Engineer, APSSDC	55
2	Workshop on Associate Cloud Architect Certification By AWS	06 days (19/08/2019 to 24/08/2019)	Mr R. Ramadeep, Associative Cloud Engineer, APSSDC	46
3	Seminar on Systems, Applications & Products	01 day (31/08/2019)	Mr SK.Azaz Mohammad, System Engineer, TCS, Hyderabad	40
4	Problem Solving and Programming using Python Programming (Phase-1&2)	5days (03/09/2019 To 07/09/2019)	Mrs M. Bhavya Lakshmi, Trainer cum Developer, APSSDC Ms P. Sindhu, Trainer, APSSDC	55
5	Advanced Python Programming	5days (27/01/2020)	Mrs M. Bhavya Lakshmi, Trainer cum Developer, APSSDC Ms P. Sindhu, Trainer,	51

		to 31/01/2020)	APSSDC	
6	Seminar on Ethical Hacking	01 day (09/01/2020)	Mr Ch. Santosh, Founder & CEO, Supraja Technologies	53
7	Expert talk on Career Guidance	27/01/2020	Mr G. Suresh Kumar, Sr Counselor, ACE Engineering Academy, Vijayawada	52
8	Seminar IOT	01day (26/02/2020)	Mr Varun & Mr Chidvilas, Sr IT, IT Technologies, Vijayawada	50
9	Introduction to Ruby	01 day (12/03/2020)	Mr G.Gopinadh, Managing Partner, Dr.Computers IT&Ecom Services	53
10	Project Expo on Academic Projects	01 day (18/03/2020)	Mr G.Gopinadh, Managing Partner, Dr.Computers IT&Ecom Services, vijayawada	53
11	Entrepreneurship Awareness Camp (EAC)	03 days (05/02/2020 to 07/02/2020)	Mr. M Vishnu Vardhan, ILO Trainer	98

Faculty publications

1.

SNO	Faculty Name	Number of Publications	Publication Titles
1.	G.Durvasi	2	<ol style="list-style-type: none">1. Secure Data Sharing in Cluod Computing Using Revocable Storage Identity based Encryption-International Research Journal of Engineering and Technology(IRJET),Published in our Journal volume 7 3rd March 2020.2. Smart Drainage Management System-International Research Journal of Engineering and Technology (IRJET), Published in our Journal volume 7 3rd March 2020.
2.	N.Mrinalini	2	<ol style="list-style-type: none">1. FARM DIRECT MARKETING-International Research Journal of Engineering and Technology (IRJET), Published in our Journal volume 7 3rd March 2020.2. FACULTY LEAVE MANAGEMENT SYSTEM International Research Journal of Engineering and Technology (IRJET) Volume: 07 Issue: 03 March 2020
3.	V.Vidya Sagar	1	<ol style="list-style-type: none">1. Detecting Spiteful Accounts in Social Network-International Research Journal of Engineering and Technology (IRJET), Published in our Journal volume 7 4th April 2020.

Faculty achievements

The Department is pleased to announce, 2 Faculty Members were registered into the PhD program.

1. Mrs. G. Durvasi, Registered as Research Scholar in Koneru Lakshmaiah Education Foundation

The Department encourages all the Faculty Members to learn upcoming Technologies through different modes of learning. The following Faculty Members received certifications on completion of the course.

Placements

S NO	REGD NO	NAME	COMPANY NAME
1	16HP1A1217	V Kavya	Miracle Software Solutions
2	16HP1A1236	Sravya Madhuri	Multiplier IT Solutions
3	16HP1A1202	Sk Ashmatunnisa	Rising Star Mobile India Pvt Ltd
4	16HP1A1223	M Naga Anusha	Rising Star Mobile India Pvt Ltd
5	16HP1A1225	P priyanka	Rising Star Mobile India Pvt Ltd
6	16HP1A1206	K Divya	Rising Star Mobile India Pvt Ltd
7	16HP1A1212	G Hema latha	Rising Star Mobile India Pvt Ltd
8	16HP1A1218	P Lakshmi	TCS
9	16HP1A1214	A Jahnavi	TCS
10	16HP1A1211	Harshitha S Tewani	TCS
11	16HP1A1245	V Chaitanya Sai	TCS
12	16H71A0230	P Sai Sindhura	Tech Mahindra
13	16HP1A1234	M Sowmya	Tech Mahindra
14	16HP1A1228	K Radhika	Tech Mahindra
15	16HP1A1215	Gopiseti Keerthi	E Noah iSolutions India Pvt Ltd
16	16HP1A1233	Putchakayala Siva Ranjani	Sutherland Global Solutions
17	16HP1A1220	B Mounica	Wipro