



# ANDHRA LOYOLA

## INSTITUTE OF ENGINEERING & TECHNOLOGY

Affiliated To JNTUK Kakinada, Approved By AICTE, New Delhi

# TECH TALKS – INSIGHTS OF IT

Department Newsletter, Volume 1 Issue 1, April, 2018



**DEPARTMENT OF  
INFORMATION TECHNOLOGY**

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## **VISION:**

**To evolve as a centre 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.**

## **HOD's MESSAGE ...**

It gives me a great pleasure to congratulate the staff and students of the department of IT for the first publication of the newsletter "Tech Talks- Insights of IT". This newsletter mirrors the professional and academic achievements of faculty and students which would lead them to the overall development of their personality in the globalised world. Our effort would definitely create an impact in the minds of readers, by providing larger visibility and dimension.

"Perseverance will always lead to diligence", with this in mind the department aims at quality teaching by exploring divergent events. The department motivates the students to improve their knowledge by organising events like "Technical Quiz", "Project Expo" etc.

This is only a small step towards a long journey to achieve progress. On our way towards reaching the objectives we may have face numerous milestones. I hope "Tech Talks- Insights of IT" would enlighten us with hope, confidence and faith in the journey ahead.....

I congratulate the editorial board for the publication of the newsletter.

Mr. S. Kishore Babu,  
HoD, IT



## FROM THE EDITOR'S DESK

*A thought that has been enduring in mind when it becomes real - is truly an interesting and exciting experience. Welcome to the maiden issue of "Tech Talks - Insights of IT" a Newsletter of the department of IT, one of the cherished works of the that had its roots in the persuasion.*

*It would be a snapshot of various activities and advancements of all associated offering an insight to the ongoings of the Department of IT. The newsletter outlines the events executed for students and faculty members, enlists diverse achievements of staff and students under numerous segments showcasing our continuous efforts for improvement.*

*We would like to thank each and every individual who extended their service and support in making our initiative a reality. We are very grateful to our Management, Rev. Fr. Dr. A. Francis Xavier, Director, Rev. Fr. M.L Thomas, Rev. Fr. Chiranjeevi, Assistant Directors, Dr.O.Mahesh, Principal, HoDs and teaching & supporting staff and students for their support. We acknowledge our special thanks to Mrs. VijayaSwapna of S&H Dept. for her invaluable contribution in bringing out this edition.*

*We look forward to refining the scope of "Tech Talks - Insights of IT".*

*Happy Reading!*

*Editorial Team*

*Mrs. K.Sowmya, Asst. Prof*

*Mrs. G. Maneesha, Asst. Prof.*

*J Nikhil (15HP1A1244)*

*S Alekhya (15HP1A1201)*

*P Lakshmi (16HP1a1218)*

*V Chaitanya(16HP1A1245)*

## PEO's of the department

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

PEO 2: To make the students practice effective soft skills for a successful career in IT industry.

PEO3: To give student awareness on lifelong and cultivate professional ethics in the IT industry.

## PSO's:

PSO1: Computing Skills: To excel problem solving and programming skills in various computing fields of IT industry.

PSO2: Evolutionary Skills: To create an ability to acquire the knowledge on emerging technologies with programming languages and open source platforms.

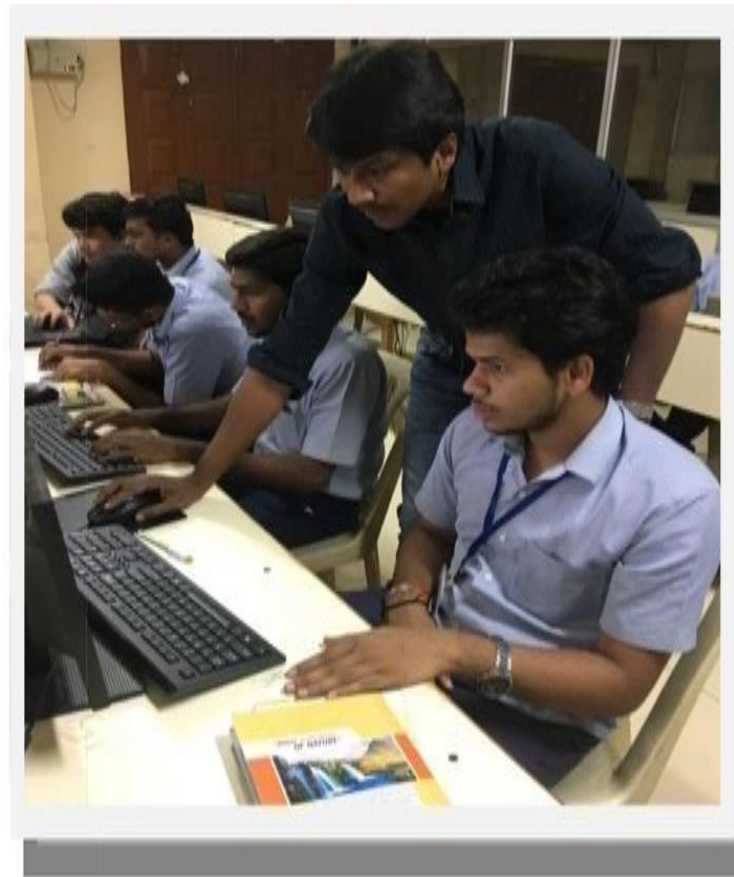
## STUDENT EVENTS IN THE DEPARTMENT :

### Workshops Conducted:

#### **Java Application Development:**

A three day workshop on “**Java Application Development**” was conducted from 27<sup>th</sup> to 29<sup>th</sup> July, 2017 by Mr. S. Naresh Kumar, Director, Access Software Solutions. Around 100 students attended the workshop. The workshop provided an over view of applications development using Java. It also illustrated the usage of Java to the students. Java provides GUI development through various means like Abstract Windowing Toolkit (AWT), Swing and JavaFX, Micro Edition (Java ME or J2ME) to build applications that run across all Java supported devices, including feature phones.





### R Programming

A workshop on “R-programming” was held to motivate the learners to advance in emerging technologies on analytics. **Mr. Intisar Menhdi, Trainer, BrainO vision India Pvt Ltd.**, was the resource person. He gave insights on **R Programming Language**, its features and job opportunities.

“Without continual growth and progress, such words as improvement, achievement, and success have no meaning”-Benjamin Franklin



## Google Android Developer Fundamentals

With the motto of encouraging the students to strive for excellence, a workshop on **Google Android Developer Fundamentals** was organized on 28, 29 & 30 August, 2017. Ms. P. Sandhya, the resource person and the team from APSSDC presented their insights on Google Android Developer Fundamentals, its features, job opportunities and executed their valuable experience in making the students design android apps.

*“The object of education is to prepare the young to educate themselves throughout their lives” –  
Robert M. Hutchins*



### Office 365

A One day Workshop was held for the students of IT on 14<sup>th</sup> September, 2017. The aim of the workshop was to encourage the students to adopt to new technologies and enhance their technical skills. **Mr. G. Gopinath, Territory Business Head, Dr. Computer, IT and ECOM services**, the resource person, demonstrated the key areas of the topic and guided the students in utilizing the services of “**Office 365**”- a group of software and services subscriptions offered by Microsoft.

*“New technology is not good or evil in and of itself. It’s all about how people choose to use it.” – David Wong*







### **Amazon Web Services Technical Essentials:**

Amazon Web Services play a vital role in trending businesses providing various opportunities not only for the skilled but also for the eager and dedicated learners. A two day workshop on **Amazon Web Services Technical Essentials** was organised on 23<sup>rd</sup> & 24<sup>th</sup> of November, 2017 by **Mr. S. Mohammad Ghouse, Manager Projects** and **Mr. Srikanth Goli, Associate Cloud System administrator**, trainers of APSSDC. APSSDC illustrated the benefits and subsidies for students in learning the latest tools of AWS and extending their help in making the students carry out the hands-on sessions.

*“The art challenges the technology, and the technology inspires the art” - John Lasseter*



### **Android App Phase-2 Development:**

A three-day workshop was conducted on “Android App Phase-2 Development” by **Mr. S. Naresh Kumar**, Technical Head and Managing Director, ACCESS Software Solutions, Rajahmundry. The students enthusiastically developed various Android Apps using Android studio in the workshop.

*“Every once in a while, a new technology, an old problem, and a big idea turn into an innovation” -  
-Dean Kamen*



*"Information technology is at core of how you do your business and how your business model itself evolves" –SatyaNadella.*



## Seminars Conducted:

### **Introduction To Machine Learning, Demo Of Amazon Echo Device & Washington Post Skill:**

Fuelled by inspiration and propelled by the burning desire to excel technically, a seminar was presented by **Mr. Siva Rama Krishna**, (Web And Mobile Application Developer, Washington post media, California, U.S.A and adjunct faculty at George Mason University) on **Introduction to machine learning Demo of Amazon Echo Device & Washington Post Skill** on 7<sup>th</sup> July 2017. It focussed on method of data analysis that automates analytical model building.



### **Advanced Networking Tools & Firewall:**

*“Technology is just a tool. In terms of getting the kids working together and motivating them, the teacher is the most important” –Bill Gates*



A seminar on “Advanced Networking Tools & Firewalls” was presented by **Mr. K. Kiran Kumar**, Dev Ops Engineer and Certified Network Administrator, on 20<sup>th</sup> of December, 2017. He focussed on various tools that are used in networking and highlighted the uses of firewall.



### **Database: Where does a business take it to?**

Database is an all-time technology in software industry which has many flavours but its basic nature never changes and is part and parcel of any business creating various jobs. A seminar on “Database: Where does a business take it to?”

*“We are stuck with technology when what we really want is just stuff that works. -Douglas Adams*

by **Mr. Ramesh Vudata, Managing Director, AARWII Tech Solutions, Pvt. Ltd., Malaysia** on 14<sup>th</sup> Feb 2018.



### **Machine Learning & Neural Network:**

Machine learning is a field of technology that gives [computer systems](#) the ability to "learn". It progressively improves the performance of a specific task with [data](#), without being explicitly programmed. Neural network is a computing system inspired by the biological neural networks that constitute animal brains for Machine Learning. A Seminar on **Machine Learning & Neural Network** was presented by **Mr. Amit Patel, IIT Nuzividu** on 20<sup>th</sup> Feb 2018.



## Guest Lectures:

### Hacking:

Hacking has been a part of computing for almost five decades and it is a very broad discipline, which covers a wide range of topics. **Mr. J. Vamsidhar**, CTG Security Solutions, was present to deliver a lecture on 3<sup>rd</sup> of March 2018. The guest lecture on **Hacking** engrossed the students throughout the session.

*“Doing the right thing is more important than doing the thing right.”– Peter Drucker*





### **CORE JAVA:**

JAVA has never been out of limelight from the beginning of its impact till today and our students have immersed in yet another compact and highly stipulated guest lecture on **CORE JAVA** by practical experts – **Mr. Alla Hemanth**, Sun and Oracle Certified Professional of Naresh i Technologies on 13<sup>th</sup> of March, 2018.



*“Always be a first rate version of yourself and not a second rate version of someone else.”*

*– Judy Garland*

## Project Expo 2k18:

**Project Expo 2k18** holds a platform for our young engineers to limelight the technological advancements. The pre-final year engineering students and the juniors get an inspirational motivation as they go through the proceedings of the event. The projects exhibited by their seniors expand their knowledge.

This year our students are blessed with the presence of Prof. Dr. S. Vasavi, Dept. of CSE, VRSEC, Vijayawada, the chief guest of the day.



*“The real danger is not that computers will begin to think like men, but that men will begin to think like computers.” - Sydney Harris*



**Guest Lectures/Workshops conducted**

S No	Name of the topic	Event Date	Resource person
1	Expert lecture on Introduction to machine learning, Demo of Amazon Echo device	01 day (07/07/2017)	Mr.G.Siva Rama Krishna Director, Web and Mobile application Development. George Mason University,USA.
2	Workshop on Java Application Development	02 days (27/07/2017 to 28/07/2017)	S.Naresh Kumar Managing Director, ACCESS Software Solutions.
3	Workshop on R-Programming	02 days (22/08/2017 to 23/08/2017)	Mr.Intisar Menhdi Trainer, Braino Vision India pvt ltd
4	Hans-on workshop on Google Android Developers Fundamentals	03days (28/08/2017 to 30/08/2017)	Ms.P.Sandya and Team APSSDC Trainers
5	Expert Lecture on Microsoft Office 365 Tools	01day (14/09/2017)	Mr.G.Gopinath, Business Head Dr.Computer in IT and Ecom services
6	Seminar on IBM Bluemix	01day (16/09/2017)	Mr C.Yuktesh Technical Specialist and Community manager & Developer ecosystem &start-ups, IBM,India Pvt Ltd
7	Amazon Web Services(AWS)	02days (23/11/2017 to 24/11/2017)	Mr.G.Srikanth Associate Cloud System Administrator
8	Seminar on Advanced Networking Tools & Firewall.	01day (20/12/2017)	Mr.K.Kiran kumar Devops Enginner & Certified Network Administrator Devops Enginner, APSSDC
9	Workshop on Android App phase-2 Development	03days (03/01/2018 to 5/01/2018)	Mr.K.Krian Kumar Devops Engineer & Certified Network Administrator
10	Seminar on Database-Where	01day (14/02/2018)	Mr.S.Naresh Kumar Technical lead & Managing Director

	does business take it to?		ACCESS Software Solutions,Rajahmundry
11	Seminar on Machine Learning and Neural Networks	01day (20/02/2018)	Mr.V.Ramesh Managing Director, AARWII Tech Solutions Pvt Ltd,Malaysia
12	Session on Ethical Hacking	01day (03/03/2018)	Mr.Amit patel, Proffesor IIIT-Nuzvid
13	Project Expo-2K18	01day (10/03/2018)	Mr.J.vamsidhar CtG Security Solutions
14	Expert lecture on Java Programming	01days (13/03/2018)	Dr.S.Vasavi Proffesor,CSE Dept V.R.Siddartha Engineering College, Kanuru

### Industrial Visit:

An industrial visit has its own importance in the career of a student who is pursuing a professional degree. It provides a student with a practical perspective on the world of industry. The objectives of the industrial visit are to provide students an insight regarding internal working of companies. It's an excellent opportunity to interact with "Efftronics Systems Pvt. Ltd., Vijayawada to know more about their environment, work, products and career opportunities. The final year students visited the company on 17<sup>th</sup> of March 2018.

*"The art challenges the technology, and the technology inspires the art" - John Lasseter*



## Faculty Events In Department

### Faculty Orientation Program:

A “Faculty Orientation Program” was held on 8<sup>th</sup>&9<sup>th</sup>June -2017. This Program provided a platform to enhance research and Teaching skills of the Teaching Faculty. Dr. Ch. Rupa, Professor, Dept. of CSE ,VRSEC was the resource person for the **Faculty orientation Program**. She said that every Teaching Faculty must use the latest Technologies to deliver the lectures efficiently. She stated that technology makes the classroom instruction interesting and useful. She also explained about the outcome based education and its importance .She encouraged every faculty to update themselves by learning new Technologies, participating and presenting papers in various national and international conferences.

### Objectives:

1. Modern Teaching Methodologies and Handling diverse students in class
2. Focusing on Outcome Based Education in all aspects
3. Case studies of OBE.

4. Brief plan and handling techniques for efficient final year projects were also discussed
5. Focusing on Research ,Types of Research ,Research Methods & Methodologies
6. API index details, its importance for professional and organisational growth
7. Tips & Tricks to study a journal paper efficiently 8. Research steps and how to carry out an efficient research

### **Outcomes:**

1. Self-Motivation, Working in a better way towards efficient output, Handling stress.
2. OBE- various case studies of OBE, teaching techniques for different subjects from II, III & IV years were discussed.
3. Vision on Research and API Index.

### **Feedback From Staff:**

1. Excellent organization of topics by the speaker
2. Efficient delivery of concepts
3. In depth of knowledge and proper communication in every aspect discussed by the speaker



### **FDP on Cloud Computing Using IBM BlueMix:**

Faculty Development Program on “Cloud Computing using IBM Bluemix” was held during 23rd to 25th October, 2017 under the guidance of Andhra Pradesh Information Technology Academy(APITA). The trainers Shri.N.Vamsi and Shri.P.Bala Srinivasaraju from IBM Cloud trainers have executed hands-on training session for the faculty.



**Objectives:**

1. Introduction of cloud
2. IBM Blue Mix catalog 17. Languages supported by blue mix
3. Application on DevOps services.

**Outcomes:**

1. Deploying Application in Bluemix

**Feedback From Staff:**

1. Active practice
2. Good knowledge for career
3. Useful Projects
4. Real time working experience on Watson and Bluemix .





## STUDENT ACHIEVEMENTS:

Placement Details of the Students:

S No	Reg No	Student Name	Company Name
1	14HP1A1205	Ch Mounika	SkyOnn Technologies Pvt Ltd
2	14HP1A1210	Koduri Sai Sowjanya	PEOL Technologies
3	14HP1A1233	P S V S Vyjayanth	Snovasys Software Solutions Pvt Ltd

Students participations and winning

S.No.	Name of the Student	Event Name	Venue	Award
1	I Bhargavi	Paper presentation	Vijaya Institute of Technology for women, Vijayawada, AP	2 <sup>nd</sup>
2	I Bhargavi	Poster presentation	Vijaya Institute of Technology for women, Vijayawada	2 <sup>nd</sup>
3	T Bhargavi	Paper presentation	Vijaya Institute of Technology for women, Vijayawada	1 <sup>st</sup>
4	R Sai Haneesha	Paper presentation	Vijaya Institute of Technology for women, Vijayawada	2 <sup>nd</sup>
5	R Sai Harisha	Paper presentation	Vijaya Institute of Technology for women, Vijayawada	1 <sup>st</sup>



## Academic Achievements of Students:

### II-I Toppers:



C.Sravya Madhuri (16HPA1236) stood first– 8.50 CGPA



Second place is bagged by B. Mounica (16HP1A1220) – 8.23 CGPA



Third place is bagged by Harshita STewani (16HP1A1211) – 7.95

CGPA



Third place is bagged by C. Divya (16HP1A1207) – 7.95 CGPA

### III-I Toppers:



K.Neehar (15HP1A1246) secured first place with 84%



M. Sowjanya (15HP1A1225) secured second place with 77.3%



A.HemanthKumar(15HP1A1240) secured third place with 76.5%

## IV-I Toppers:



V.S.B. Tejaswi (14HP1A1218) stood first with 78.4%



A.SaiPrasanna (14HP1A1211) secured second place with 76.6%

*“Technology is nothing. What’s important is that you have a faith in people, that they’re basically good and smart, and if you give them tools, they’ll do wonderful things with them –Steve Jobs*



K. Sai Sowjanya (14HP1A1210) secured third place with 76.4%

## FACULTY CONTRIBUTIONS



Congratulations to **Mr. V. ShanmukhaRao** for the successful submission of **Ph.D. thesis in Computer Science and Engineering**, Rayalaseema University on **Security Aware Fuzzy C-Means Cluster Based Social Spider Elliptic Curve Cryptography Routing [FSER] Protocol in FSO MANET**.

### Publications by Faculty:

SNO	Faculty Name	Number of Publications	Publication Titles
1	S.KishorBabu	2	<ol style="list-style-type: none"> <li>1. a paper with title “Predictive analytics and Framework using ensemble model”, IEEE conference in VNR VJIET, Hyderabad. January, 2017.</li> <li>2. "Predictive Analytic as a Service on Tax Evasion Using Gaussian Regression process” , Helix Vol. 7(5): 1988-1993.</li> </ol>
2.	Dr. V. Shanmukha Rao	3	<ol style="list-style-type: none"> <li>1 Implementation and Comparative Study of Pillar K-Means Ant lion Caesar Cipher Routing Protocol (PACR) with FSER Protocol in FSO MANET”, V. Shanmukha Rao, V. Srinivasa Rao, International Journal of Innovative Research in Computer and Communication Engineering, DOI: 10.15680/IJIRCCCE.2017. 0501077, ISSN(Online): 2320-9801, Vol. 5, Issue 1, January 2017.</li> <li>2 FSER and DSDV Performance in FSO Manet”, ISSN: 2321-5585, International Journal of Research</li> </ol>



			<p>in Computer Science &amp; Engineering, IJRCSE Vol-7, Issue-1, Jan - Feb, 2017,</p> <p>3 Developing an FSO MANET Application using FSER Protocol”, Sd.Shabana1  V.LakshmiSailaja2  S.Keerthana3  V.Shanmukha Rao International Journal for Modern Trends in Science and Technology, ISSN: 2455-3778, Volume: 03, Special Issue No: 02, March 2017.</p>
2.	TVM Sai Ram	1	<p>1 A Survey on advanced approaches of HER in Inter-Related data using Machine Learning”, in International Conference on Information Technology and Knowledge Management, 2017.</p>
3.	V.Vidya Sagar	1	<p>1. Secure Cloud through progressive Encryption and Decryption methods, 2 International Journal of Research e-ISSN: 2348-6848 p-ISSN: 2348-795X Volume 05 Issue 04 February 2018. 3 Flexible Replication Management for Frequently Accessed Data Files in HDFS Using Hadoop International Journal for Modern Trends in Science and Technology Volume: 03, Special Issue No: 02, March 2017 ISSN: 2455-3778</p>



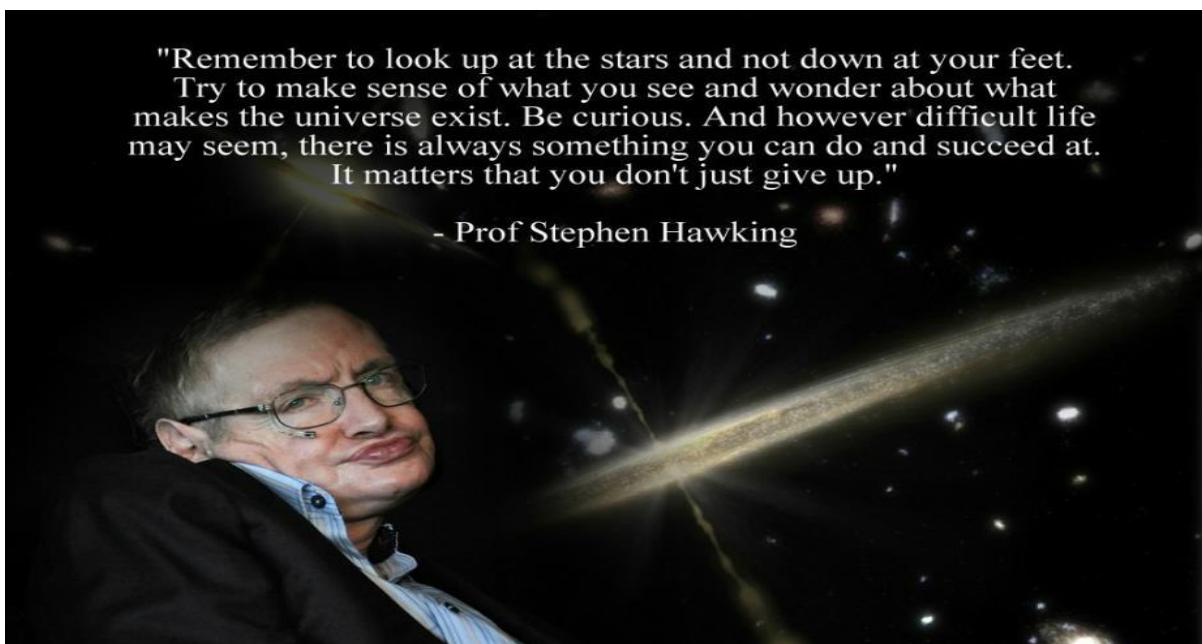
Faculty Conferences attended

SNO	Faculty Name	Number of conferences	Publication Titles
1.	V.Vidya Sagar	1	1. Flexible Replication Management for Frequently Accessed Data Files in HDFS Using Hadoop International Journal for Modern Trends in Science and Technology Volume: 03, Special Issue No: 02, March 2017 ISSN: 2455-3778

## MOTIVATIONAL STORY

### THE GUY WHO NEVER GAVE UP!

If you feel god did so bad to you & now you can't do anything, you are helpless then you must Google one name; the great Scientist Stephen Hawking. The biggest example of positive attitude, passion for life, passion for work and strong will power. The greatest example of Courage & Will power that can even beat death & any disability!

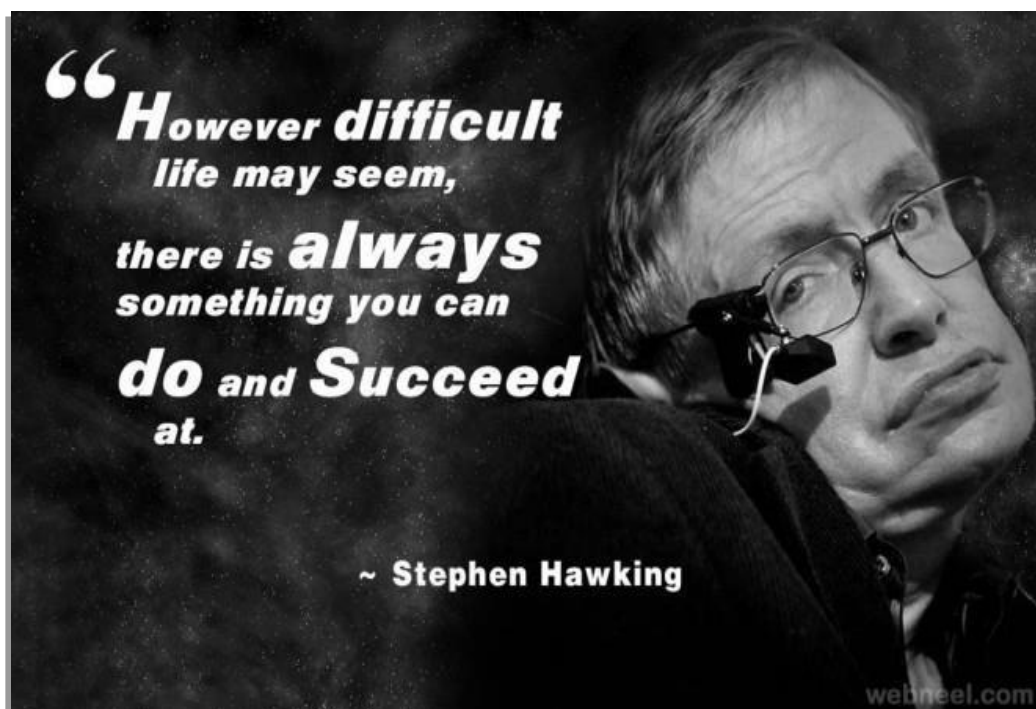


One of the greatest scientists the planet had ever seen, Stephen Hawking needs no introduction. With science geeks and the non-scientific population of the world, he is equally popular, widely known and often compared to scientists like Einstein and Galileo. A theoretical cosmologist and physicist, Stephen Hawking is the former director of research at the Centre for Theoretical Cosmology in the University of Cambridge.

Hawking was popular for his theories in the field of cosmology, in which he used Einstein's relativity theory and quantum mechanics. His book, "A brief history of Time" in which he explained his cosmology theories in a very simple manner understandable by the layman had been the bestseller for a really long time of 237 weeks. This book was what made him more reachable to the non-scientific masses along with the fact that he makes constant guest appearances on popular TV shows such as The Simpsons and Star Trek.

### Childhood

Stephen Hawking was born to the also-highly-educated Frank and Isobel Hawking both of them were the products of the Oxford University. His father Frank was specialized in Medicine and Isobel, in Philosophy and Economics. Stephen, who was one among four of kids of the Hawking couple was surprisingly not very good at academics as he was at learning things in general. Although teachers often dismissed him off for his poor performance in academics, they knew that there was a hidden genius in him, which is probably why he was nicknamed „Einstein“ while in school.



### Career

He was expected to take on the same path as his father in medicinal research but did not find biology interesting as he thought it was „too inexact“. Instead, he studied physics at University of Oxford and later, Astronomy and Cosmology at the Trinity Hall, Cambridge. During his days in Cambridge, Hawking was diagnosed with ALS (Amyotrophic lateral sclerosis) which would progress as he grew older. Still he could communicate effectively despite the disease using a system known as the equalizer.

Although he can only communicate with about 15 words per a minute because of his disease, he's authored books, given lectures and written a lot of scientific papers.

## TOP INDIAN-ORIGIN CEOS RULING THE TECHNOLOGY INDUSTRY

Indians for decades have been playing an important role in global technology landscape. Indian IT pros have been an important cog in the machinery running technology behemoths across the world. In fact, two of the world's biggest technology companies -- Google and Microsoft -- are led by Indian-origin CEOs. Other than these two, there are many others who have made an incredible mark on the world of technology.



India-born **Sundar Pichai** was named as Google CEO on August 10, 2015. The 44-year-old head of Google was born in Chennai, Tamil Nadu and pursued education at IIT Kharagpur (B Tech), Stanford (MS) and Wharton (MBA); at Wharton, he was named a Siebel Scholar and Palmer Scholar. He is responsible for the launch of the dominant Chrome web browser, and was previously the product head for Android, Chrome, Maps,

and other popular Google products.

After a 22-year stint with Microsoft, **Nadella** was appointed as the chief executive officer of the company in February 2014. He previously held the position of executive vice president of Microsoft's Cloud and Enterprise group. The Hyderabad-born 47-year-old has a BE from Manipal Institute of Technology, MS from University of Wisconsin-Milwaukee, and MBA from University of Chicago Booth School of Business.





**Rajeev Suri** joined Nokia in 1995 and held various positions before being appointed as president and CEO in April 2014. Suri's ascendency to Nokia CEO's position came after Microsoft acquired Nokia's mobile phone business. Previously, he was the head of the services, Nokia Siemens Networks 2007-2009. Born in India, Suri also holds a B-Tech from Manipal Institute of Technology, but holds no post graduate degrees.



Born in Hyderabad, **Shantanu Narayen** joined Adobe in 1998 as the senior vice president of worldwide product research and became the COO in 2005 and CEO in 2007. He holds a Bachelor in Science from Osmania University, an MBA from University of California, Berkley, and an MS from Bowling Green State University. Narayen held product development roles at Apple and Silicon Graphics before cofounding photo-sharing startup Pictra. A chance encounter between Adobe and Pictra led to Narayen joining Adobe, where he rose swiftly through the product ranks. He was named among the **world's best CEOs** by Barron's Magazine in 2016.



**Sanjay Jha** took over as CEO of Global Foundries, a semiconductor foundry that produces chips for giants like AMD, Broadcom, Qualcomm, and ST Micro electronics, in January 2014; before that he has served as the CEO of Motorola Mobility and COO of Qualcomm. He joined Motorola as co-CEO in 2008, while serving simultaneously as CEO of Motorola's Mobile Devices Business. Prior to Motorola, Sanjay held multiple senior engineering and executive positions during his 14 years with Qualcomm, ultimately serving as Executive Vice President and Chief Operating Officer (COO) of Qualcomm Inc. from 2006 to 2008. Jha



was born in Bhagalpur, Bihar and holds a BS from University of Liverpool and PhD from University of Strathclyde.

**George Kurian** became the CEO and president of storage and data management company NetApp in June 2015, after serving as its executive vice president of product operations for nearly two years. Prior to joining NetApp, George was the vice president and general manager of the Application Networking and Switching Technology Group at Cisco Systems. His diverse background also includes the role of vice president at Akamai

Technologies, management consulting at McKinsey & Company, and leading Software Engineering and Product Management teams at Oracle Corporation. Born in Kottayam district, Kerala, he pursued engineering at IIT-Madras, but left six months later to join

Princeton University; he also holds an MBA degree from Stanford.



Among the youngest CEOs in the software services sector, **D'Souza** is Cognizant's



CEO and a member of the company's board of directors.

D'Souza joined Cognizant as a cofounder in 1994 and went on to become its CEO in the year 2007. During his tenure as CEO, Cognizant's employee base has grown from 55,000 to over 230,000. The son of an Indian diplomat, D'Souza was born in Kenya. He holds a BBA from University of East Asia, Macau and an MBA from Carnegie

Mellon University, Pittsburgh; D'Souza also serves on the board of General Electric as an independent director.



**Dinesh Paliwal** is the president and CEO of Harman International, a premium audio gear brand that owns the likes of JBL, Becker, dbx, among others. Born in Agra, Uttar Pradesh, Paliwal holds a BE from IIT Roorkee, and MS and MBA from Miami University.

Prior to joining Harman, he spent 22 years with ABB Group, where he last held the dual role of President of ABB Group with responsibility for the company's global P&L, and

Chairman/CEO - ABB North America.

He serves on the board of Bristol-Myers Squibb, and previously served as the economic advisor to the governor of China's Guangdong province for three years.



**Ashok Vemuri** is the CEO of ConduentInc, the Xerox's sibling business services unit



that spun off into a separate company recently. In June 2016, the 110-year-old document technology company Xerox named former iGate CEO Ashok Vemuri as the new CEO of its back-office outsourcing company. A former Infosys veteran, Vemuri became CEO of Xerox's business process outsourcing company after Xerox's split into two separate entities -- one focusing on document technology, which includes Xerox's traditional printer and copier businesses; while the second

company focuses on back-office outsourcing, payment processing and other technology-related services.

# Department In NEWS

## స్కార్టఫోన్లలో ఆండ్రాయిడ్ యాప్స్ కీలకం

**భారతీనగర్ (కరెన్సీనగర్), న్యూఢిల్లీ:** ఆండ్రాయిడ్ లయోల ఇంజనీరింగ్ కళాశాల ఐటీ విభాగం ఆధ్వర్యంలో 'ఆండ్రాయిడ్ అప్లికేషన్స్ డెవలప్‌మెంట్' అంశంపై మూడు రోజుల కార్యశాల బుధవారం కళాశాలలో ప్రారంభమైంది. యాక్సెస్ సాఫ్ట్‌వేర్ సొల్యూషన్స్ టెక్నికల్ లీడ్ మేనేజింగ్ డైరెక్టర్ ఎస్.నరేష్ కుమార్ ముఖ్యఅతిథిగా విచ్చేసి మాట్లాడారు. విద్యార్థి దశలోనే ఇటువంటి యాప్స్ తయారీ విధానాన్ని నేర్చుకోవడం ఎంతో అవసరమన్నారు. డైరెక్టర్ ఫాదర్ ప్రాన్సిస్ జేవియర్, ఐటీ విభాగాధిపతి ఎస్.కిషోర్ బాబు ఆండ్రాయిడ్ యాప్స్‌ను రూపొందించి ఫ్లెక్సిబిల్ హార్డ్వేర్ చేయాలని విద్యార్థులకు సూచించారు.

## సమగ్రాభివృద్ధికి సాంకేతిక పాఠాలు

● లయోల ఇంజనీరింగ్ కళాశాల డైరెక్ట్ ఫాదర్ జేవియర్  
● రెవెన్యూ, పబ్లిక్ వర్క్స్, పారిశుధ్యం, విద్యుత్ సరఫరా

అంధ్రప్రదేశ్ విభజనానంతరం సాంకేతిక విద్యను పునాదిగా మూల్యాంకనం చేసినందువల్ల ఈ విద్యను అభివృద్ధి చేయాలి అనే దృఢ నిశ్చయం ప్రభుత్వం వారు చేసింది. అందుకు అనుగుణంగా సాంకేతిక విద్యను అభివృద్ధి చేయాలి అనే దృఢ నిశ్చయం ప్రభుత్వం వారు చేసింది. అందుకు అనుగుణంగా సాంకేతిక విద్యను అభివృద్ధి చేయాలి అనే దృఢ నిశ్చయం ప్రభుత్వం వారు చేసింది. అందుకు అనుగుణంగా సాంకేతిక విద్యను అభివృద్ధి చేయాలి అనే దృఢ నిశ్చయం ప్రభుత్వం వారు చేసింది.

## నూతన ఆవిష్కరణలపై దృష్టి పెట్టాలి

**భారతీనగర్ (కరెన్సీనగర్), న్యూఢిల్లీ:** ఇంజనీరింగ్ కళాశాల డైరెక్టర్ ఫాదర్ ప్రాన్సిస్ జేవియర్, విద్యార్థులు ఆధునిక పరిజ్ఞానంతో నూతన ఆవిష్కరణలపై దృష్టి పెట్టాలి అని కోరారు. ఆన్లైన్ డైరెక్టర్ ఫాదర్ ప్రాన్సిస్ జేవియర్ యాక్సెస్ సాఫ్ట్‌వేర్ సొల్యూషన్స్ ఫాదర్ డామస్, ప్రెసిడెంట్ మహేష్ ఫాల్గూని.

విద్యార్థులకు సూచనలు చేస్తున్న రమేష్ కుమార్

## ఐటీ రంగంలో ఎన్నో ఆవిష్కరణలు

**భారతీనగర్ (కరెన్సీనగర్), న్యూఢిల్లీ:** ఆంధ్ర లయోల ఇంజనీరింగ్ కళాశాల ఐటీ విభాగం ఆధ్వర్యంలో గురువారం 'మైక్రోసాఫ్ట్ ఆఫీస్ 365 టూల్స్' అంశంపై సదస్సు జరిగింది. ముఖ్యఅతిథిగా కంప్యూటర్ రంగ నిపుణులు జి.గోపీనాథ్ విచ్చేసి మాట్లాడుతూ ప్రస్తుత ఐటీ రంగ పరిశ్రమలో వినియోగిస్తున్న నూతన సాంకేతిక పరిజ్ఞానంపై విద్యార్థులు అవగాహన పెంచుకోవాలన్నారు. సదస్సును కళాశాల డైరెక్టర్ ఫాదర్ ప్రాన్సిస్ జేవియర్, ఆన్లైన్ డైరెక్టర్ ఫాదర్ డామస్, ప్రెసిడెంట్ డా. మహేష్ ఫాల్గూని ప్రారంభించారు.