

**Toc H Institute of Science & Technology, Arakunnam**  
**Department of Information Technology**  
**Workshop & Seminar on 2019-2020**

*Technical Talk on “Trends in Data Science & Artificial Intelligence”*

As a part of IgnIT’20, the department conducted an interaction with chief guest Dr. Ebin Deni Raj and IT students on 11th February 2020.





*One day workshop, 03 February 2020*

Department of IT in association with ISTE TIST student Chapter organized a one day workshop to S2 IT and EEE students on “**Basic of Web Design-HTML5**”. The section handled by, Mrs. Benila Anoop, Lab Instructor of IT Department.



*One day workshop, 18 November 2019*

**Skill Planning and Acquisition Cell (SPAN)** under the ECE department conducted a one day value added program – **Arduino Micro controller Board and Applications** for Information Technology S7 (2016 admission) students on 18.11.2019



***Alumni Talk as a part of Induction Program, 30 July 2019***

Mr. Sleeba Kurian, Associate Consultant, Tata Consultancy Services, Kochi and Ms. Sanjana R S, Software Test Engineer, Testhouse India Pvt.Ltd., Trivandrum, Alumni of the Information Technology Department joined us on July 30, 2019, to share their career and campus life experiences as part of the first year induction program.



***Training Program to Women, 1-15 July 2019***

Department of Information Technology and Computer Science Engineering, TIST in association with CSI and NSS Unit TIST conducted a free House Wife Computer Training program from July 1 to July 15, 2019. The program received an overwhelming response as in past years. Few glimpses from the training program.



## ***Python Workshop, 22<sup>nd</sup> June 2019***

Department of Information Technology TIST in association with **IIT Bombay** has conducted a Python workshop on 22<sup>nd</sup> June 2019. The participants include faculty from our institute and teachers from nearby schools. The sessions were carried through Spoken Tutorials, designed and developed at IIT Bombay.

The topics covered in the workshop include

**Getting started:** Getting started with IPython, Using plot commands interactively, Embellishing a plot, Saving plots, Multiple plots, Subplots, Additional features of IPython, Loading data from files, Plotting data, Other types of plots, Plotting charts,

**Basic Level:** Getting started with lists, Getting started with for, Getting started with strings, Getting started with files, Parsing data, Statistics, Getting started with arrays, Accessing parts of arrays, Image manipulation using arrays, Basic matrix operations, Advanced matrix operations, Least square fit, Basic data types and operators, Sequence datatypes, Input-Output, Conditional statements, Loops, Manipulating lists, Manipulating strings, Getting started with tuples, Dictionaries, Sets, Getting started with functions.

**Intermediate Level:** Advanced Features of Functions, Using Python Modules, Writing Python Scripts, Testing and Debugging, Error and Exception Handling





***FDP on “BLOCKCHAIN TECHNOLOGY”, 20-21 June 2019***

Department of IT, CSE organised a two day FDP on Block-chain Technology on 20<sup>th</sup> and 21<sup>st</sup> June 2019. **Mr. Franklin John, Research Engineer, Kerala Blockchain Academy,IIITM-K, Mr. Nikhil V Chandran, Research Fellow, Kerala Blockchain Academy,IIITM-K, Mr. Sabir Aboobaker, Research Fellow, Kerala Block Chain Academy,IIITM-K** delivered technical sessions on Blockchain during FDP. The sessions included introduction to blockchain, features of blockchain, life cycle of transaction, consensus protocol, Ethereum world computer and various hands on sessions. Faculty members of various colleges and all staff of IT & CSE of TIST attended the same.

