ATRIA INSTITUTE OF TECHNOLOGY
Department of Information Science & Enginering
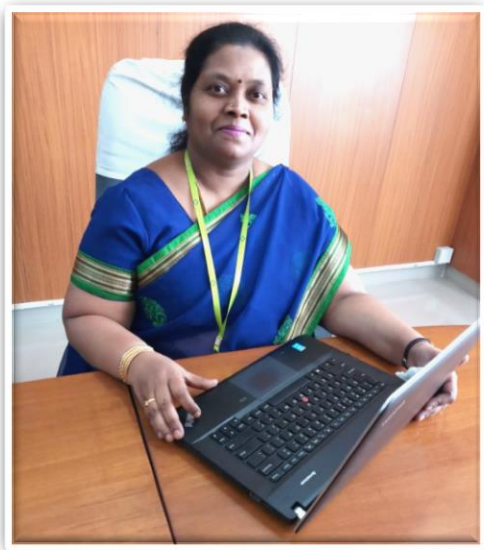
PRAPPTHI

2017-2018

DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

Department of Information Science and Engineering (ISE) at ATRIA was established in the year 2000. The department offers Bachelor of Engineering (B.E) programme through VTU scheme and MTech. programmes in Computer Networks and Engineering. The areas of specialization in the department are: Bioinformatics and Big Data, Internet of Things (IoT), Cloud Computing, Data Mining, Computer Networks, Big Data Analytics, Image Processing.

About the Department

From HoD's Desk – Dr. Shanthi Mahesh

The Department of Information Science and Engineering has 21 faculties with 2 Doctorates and 12 pursuing PhD in various universities. It hosts faculty who are involved in supporting funded research and guiding projects apart from training the students in academics. Faculties consulting for student internships and placements. Department houses facility for conducting various club activities, Infosys Campus Connect Foundation Program classes,

remedial classes, bridge courses and other student-oriented programs. Also, department facilitates industrial visit programs to gain the industry experience.

The Department also has a reputed research center recognized by VTU. Well qualified and eminent faculty members who are guiding Ph. D. scholars in advanced areas of Information Sciences. The research center is actively involved in current areas of information technology presenting papers at conferences. Faculty of the department have executed many research projects supported by KSCST, VGST. Regular technical talks and seminars/workshops are being conducted for both faculty and students.

The department has Memorandum of Understanding with Companies like Apex HiTech, Infosys, Jetking, Geek Technologies, Mindweaver. The faculty members are associated with Professional bodies such as IAENG, ICSES and EASTER. The industry relationship helps us frame the course curriculum in accordance with industry expectation and standards. Department publishes a newsletter by name PRAAPTHI, which showcases the activities on the department along with achievements of students and faculties.

The Department has an excellent placement track record with companies like MetorGraphics, Europhins, HPE, Infosys, Mindtree, Nineleaps, Theorax, Hashdin, Dell. Internship opportunities are provided for both final year and pre-final year students to carry out projects. The department has a prestigious alumni list who are excelling as software engineers and technical experts in various trending technologies. Secured admission in prestigious institutes of higher studies, as well as holding senior positions in reputed Private, Government and multinational corporations. A large number of alumni are pursuing higher studies/research in India as well as abroad in reputed universities like Carnegie Mellon, Georgia Technological University, Rochester State University, University of Southern California etc.,

Events Conducted in 2017-2018

Department of Information Science and Engineering conducts various technical and non-technical events every semester. The following are the events that were conducted between 2017-2018:

TECHNICAL EVENTS

1. Workshops Conducted:

1. Workshop on Internet of Things

Date: 11-08-2017

Title: Internet of Things

Speaker Name: Mr. Ramraj Srinvasan, CEO, Preva System Pvt. Ltd., Mrs. Shruthi S, Mr. Deepak.

Attended By: ISE, CSE 7th Semester Students and Faculties.

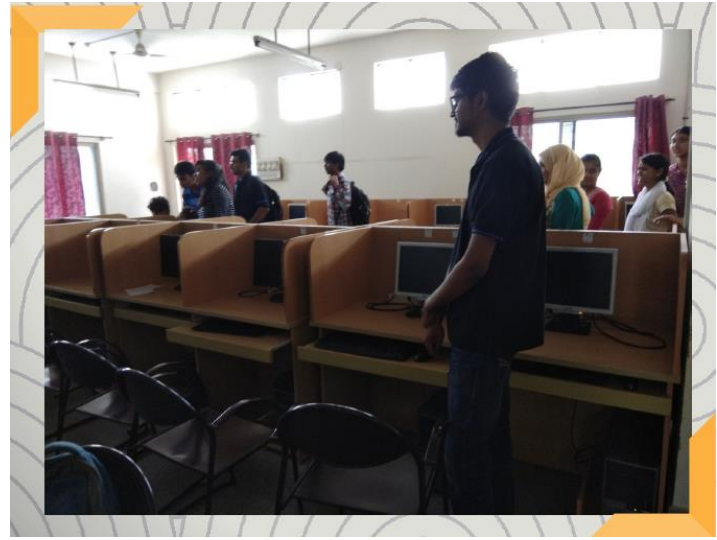2.

Workshop on Web Designing

Date: 05-09-2017

Title: Web Design

Speaker Name: Mr. Anand, QuickStep Learning Pvt. Ltd.

Attended By: ISE 7th Semester Students

3. <u>Workshop on Cloud Computing</u>

Date: 01-10-2017

Title: Cloud Computing

Speaker Name: Mr. Siddam Hussain, Jetking with IBM Association.

Attended By: ISE 5th Semester Students

4. <u>Workshop on Android App Development:</u>

The Objective of this workshop is learning to make basic apps within two days by demonstrating development of various Android apps. The outcome of this program is, students learn how to develop Android app using java programming, students were showcased to various career opportunities in the field of app development.

Date: 07-11-2017 to 08-11-2017

Title: Mobile App Development

Speaker Name: Mr. Rahul Raina, Arc Technologies in association with IIT Bombay.

Attended By: ISE 3rd Semester Students

4. Workshop on Check Security and Ethical Hacking

The objective of this workshop is to, provide the basic knowledge on Ethical Hacking. Live demonstrations of various hacking tricks and how to protect against them. The outcome was, students learnt how to create worms and viruses, they were able to find out if a website is being hacked or not, different career opportunities in the field of being a White Hat hacker.

Date: 30-10-2017 to 31-10-2017

Title: Cyber Security and Ethical Hacking

Speaker Name: Mr. Samarth B Bhat, Indian Cyber Army.

Attended By: ISE 5th Semester Students

2. Technical Seminars:

1. <u>Training and Placements:</u>

The outcome of this Tech-Talk is to understand various training solutions, competitive examinations, and learning solutions.

Date: 09-08-2017

Title: Training and Placement

Speaker name: Mr. Vijay Unki, Jetking, Mrs. Vandana, Jetking.

Attended By: ISE 7th Semester Students

2. Career Guidance

The outcome of this Tech-Talk is to develop awareness, understanding and capacity in the specific roles and responsibilities of a student in their subject specialization.

Date: 31-08-2017
Title: Career Guidance
Speaker name: Mr. Jaiprakash Rau, Vani Institute
Attended By: ISE 7th Semester Students

3. Higher Education in India and Abroad

The outcome of this Tech-talk is to learn with engaging videos from India's best teachers and practice to perfection with chapter-wise tests with feedback and analysis. Master concepts through customized adaptive. Learning modules and challenging peers over Quizzo (India's largest Math & Science Quiz App), compete nationally with the National School.

Date: 26-09-2017

Title: Higher Education

Speaker Name: Mr. Sathya Raj N, Manhattan Review Organization

Attended By: ISE 5th Semester Students

4. Empowerment through Global Education

The talk involved on an idea to prepare for IAS/KAS. Crack technical interviews in competitive examinations, introduction of new teaching technologies and how to prepare and apply for GRE and IELTS.

Date: 27-09-2017

Title: Empowerment Through Global Education

Speaker Name: Mr. Karan Jain, through HDFC Crdila, Edu Services

Attended By: ISE 5th Semester and 7th Semester Students

5. Xcelerator Program

the Xcelerator Training Program is part of Atria Institute of Technology, pipeline that cultivates creators and entrepreneurs who can turn ideas into successful commercial products. The training prepares innovators to address the complexities of implementing new technologies in the developing world.

Date: 16-10-2017

Title: Xcelerator Progeam

Speaker Name: Mr. Narayana Reddy, Xcelerator

Attended By: ISE 7th Semester Students

6. Hadoop with Map Reduce Model Concept

The outcome of the Tech-Talk is to create a BigData awareness program in the organization for developing skill sets to deal with problem of BigData using Hadoop. To support faculty and students for participation in global academic conferences for presenting papers on BigData, Cloud Computing. Students can able to build the projects related to real world problems on Cloud Computing.

Date: 10-10-2017 to 12-10-2017

TITLE: Hadoop with Map Reduce Model Concept

Speaker Name: Mr. RajDeep Das, Atria Institue of Technolgoy

Attended By: ISE 5th Semester Students

NON-TECHNICAL EVENTS

1. Quizotics

Date: 14-09-2017

Event Name: Quizotics

Judged By: Dr. Rajashekar Patil, HOD, Dept. of ME

Attended By: All Branches

2. FirstFrontier:

Date: 02-11-2017

EVENT NAME FirstFrontier: Poster Making & Collage Making

JUDGED By: Mr. Shashtri, Ms. Arpitha, Mrs. Archana, Mrs. Kamala Suganthi

ATTEND BY 1st Semester Students, All Branches