MAHARAJA INSTITUITE OF TECHNOLOGY MYSORE

DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING
2018-19

Messages

By Principal,

"I am immensely pleased to provide my message to the Departmental newsletter that the department is bringing out. This department is enjoying the intake of 120 pick of the bunch of students each year and across 4 years of their engineering program they make a mammoth strength in excess of 600 students constituting nearly 30% of the entire student strength of the college. The presence of these students is found in every activity or events, be it academic or extracurricular or cultural or sports that take place in the college or in the VTU. Their strength in every sphere is molded by a strong team of highly qualified faculty and a department that has all the facilities for the all-round development of the students that renders them to accept responsibilities and carryout them successfully. Having such wonderful students is a pride to the college and when they do so many good things, we need to have a forerunner to tell about their achievements to the world. In view of this it is essential to bring out a newsletter and I am happy that it is happening, we all welcome whole heartedly the effort towards this. Let this newsletter and series of such letters shall keep us all continuously informed about all the developments of the department in the years to come. I wish the Head of the Department, all the staff and students of the department for having taken the best initiatives in bringing out this Newsletter. I wish the staff and students of the department the best."
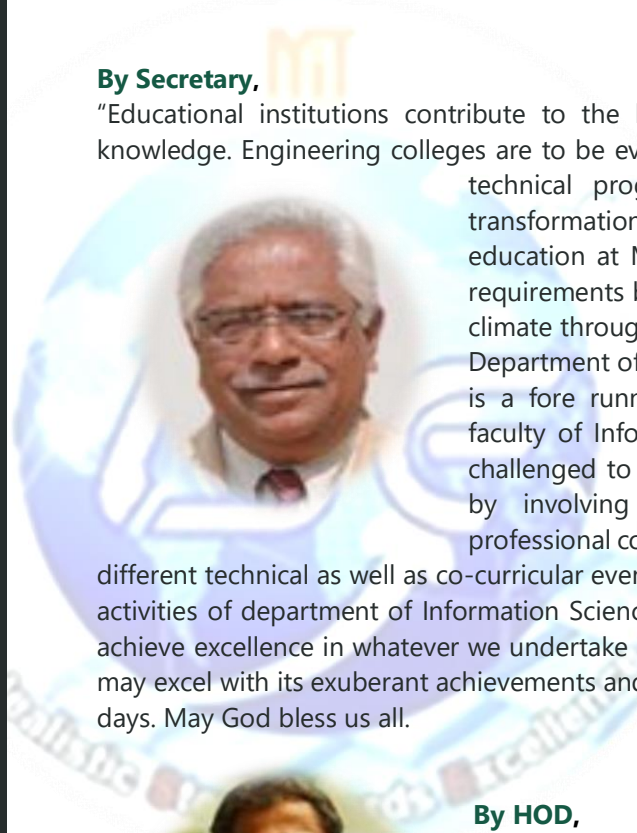
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By President,

"I am pleased to share with you the first E-newsletter from Information Science Department, MIT Mysore. You will be delighted to go through this first volume that will connect you to the many activities of this dynamic department. I thank the HOD, the Faculty, Staff and all Information Science Students for their tremendous enthusiasm, amazing involvement of academic interest that is shared in this issue of newsletter. My profound thanks to the editor and team of this newsletter for their initiative and interest in publishing it. I wish may the future issues grow with greater ideas through your appreciation and feedback."

By Secretary,

"Educational institutions contribute to the human progress through useful knowledge. Engineering colleges are to be even more effective instruments of technical progress. They also contribute to transformation of Society. Engineering education at Maharaja tries to fulfil the above requirements by creating learning and applying climate through its motto 'Service & Excellence'. Department of Information Science Engineering is a fore runner in this aspect. Students and faculty of Information Science Engineering are challenged to go beyond portals of classroom, by involving themselves in project work, professional conversation and by participating in different technical as well as co-curricular events. This newsletter records all the activities of department of Information Science Engineering. So let us strive to achieve excellence in whatever we undertake as professionals. The Department may excel with its exuberant achievements and research activities in the coming days. May God bless us all.

By HOD,

"As the saying goes by "Coming together is a beginning, keeping together is progress and working together is success", I congratulate the entire editorial team for their solidarity in bringing out successfully the first edition of e-NEWS, a Department newsletter for the academic year 2018-19. May God bless you."

Vision & Mission

College vision
"To be recognized as a premier technical and management institution promoting extensive education fostering research, innovation and entrepreneurial attitude."

College Mission
- o To empower students with indispensable knowledge through dedicated teaching and collaborative learning.
- o To advance extensive research in science, engineering and management disciplines.
- o To facilitate entrepreneurial skills through effective institute-industry collaboration and interaction with alumni.
- o To instill the need to uphold ethics in every aspect.
- o To mould holistic individuals capable of contributing to the advancement of the society.

Vision of the Department
To be recognized as the best Centre for technical education and research in the field of information science and engineering.

Mission of the Department
- o To facilitate adequate transformation in students through a proficient teaching learning process with the guidance of mentors and all-inclusive professional activities.
- o To infuse students with professional, ethical and leadership attributes through industry collaboration and alumni affiliation.
- o To enhance research and entrepreneurship in associated domains and to facilitate real time problem solving.

About Department

DR. SHARATH KUMAR. Y.H MTech, Ph.D.

Associate Professor & Head of The Department

Ajay Kumar M.Tech
Assistant Professor

Ashwath Kumar M.Tech
Assistant Professor

ChaithraShree M.Tech
Assistant Professor

Chitra.C M.Tech
Assistant Professor

Hemavathi.H.N M.Tech
Assistant Professor

Puneeth.P M.Tech
Assistant Professor

Dr.Pushpa.D M.Tech,ph.D
Assistant Professor

Nikitha Manjunath
Murthy M.Tech
Assistant Professor

Ramya.S M.Tech
Assistant Professor

Saraswathi.D M.Tech
Assistant Professor

Siddara M G   M.Tech
Assistant Professor

Sharath Kumar H A
M.Tech
Assistant Professor

Shwetha Shetty M.Tech
Assistant Professor

Smithashree K P
M.Tech
Assistant Professor

SomaShekar.B.M M.Tech
Assistant Professor

Amruth.V M.Tech
Assistant Professor

Article by,

Pavan vishnu k s

InVia Robotics Inc. recently released its Dynamic Automated Storage and Retrieval System, which is designed to efficiently deliver goods to people within warehouses. The new offering is built around InVia's existing mobile robot pickers. The warehouse automation system also intended to quickly scale to meet the needs of the logistics and supply chain market.

Traditional automated storage and retrieval systems (AS/RS) are a major investment, requiring a large amount of dedicated floor space and a redesign of the warehouse workflow.

In addition, an AS/RS can be hard to scale or, more typically, are initially built with a maximum warehouse throughput in mind. This large upfront investment of capital and space restricts the deployment of classic warehouse automation systems to only the largest logistics providers.

The average warehouse operation may find traditional automation to be limited in usefulness. The capital expense also stretches out the return on investment (ROI) for the system.

Agoura, Calif.-based inVia said that it has brought a fresh perspective and a competitive business model to the warehouse automation market with its Dynamic AS/RS system. The new product should help both large and small logistics operations, according to the company.

Department Activities

Technical Seminar on "IOT & its Application"

The technical talk "IOT & its applications "was held on 12th February 2019 for the Final year students of Information Science and Engineering Department. "Internet of Things (IOT)" theory got introduced for the final year students, so to make the students to know the practical

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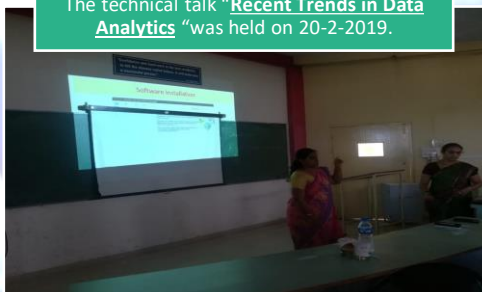
implementation of IOT this talk was organized along with practical demonstration of hardware devices so that the concept of IOT reaching the students in all aspects of their requirement of subject.

Student Discussing Regarding Hardware Device and Implementation of IOT

The technical talk "**Recent Trends in Data Analytics** "was held on 20-2-2019.

Technical Talk on "Recent Trends in Data Analytics"

The technical talk "Recent Trends in Data Analytics "was held on 20th February 2019 for the Final year students of Information Science and Engineering Department. This talk was mainly focused on Big Data Hadoop tools. The focus of this talk is to provide an understanding of the demand for big data practitioners.
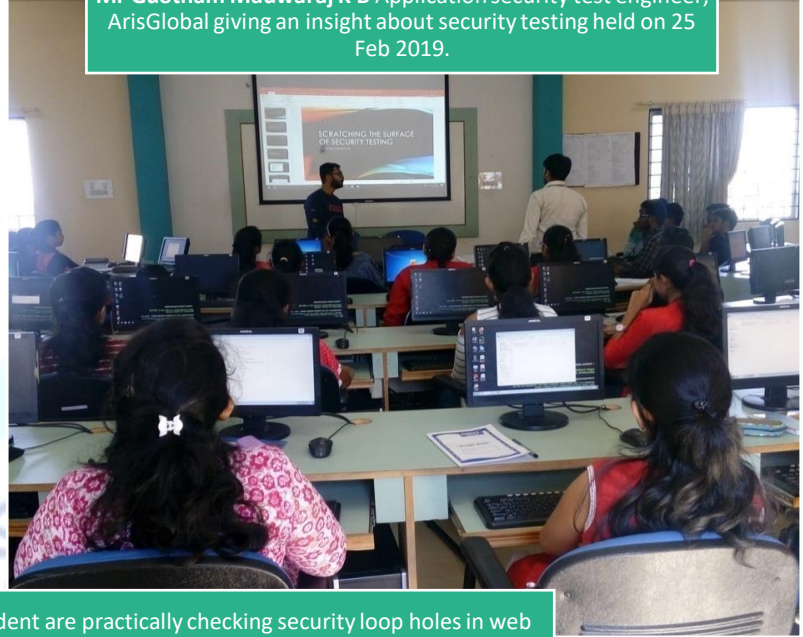
Student and faculty Participation.

One day Workshop on "Web Application Security"

This workshop was designed to give a view of the demands and requirements of Web security. The objective of the event was to educate pre final year students regarding web application designs and bring in awareness about web application security and data security essentials.

Mr Guotham Madwaraj K B Application security test engineer, ArisGlobal giving an insight about security testing held on 25 Feb 2019.

Student are practically checking security loop holes in web application and also debugging errors held on 25 Feb 2019.