MAHARAJA INSTITUTE OF TECHNOLOGY MYSORE
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

VISION

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

MISSION

♦ To empower students with indispensable knowledge through dedicated teaching and collaborative learning.

♦ To advance extensive research in science, engineering and management disciplines.

♦ To facilitate entrepreneurial skills through effective institute-industry collaboration and interaction with alumni.

♦ To instill the need to uphold ethics in every aspect.

♦ To mould holistic individuals capable of contributing to the advancement of the society.

B&B
Bits&Bytes
Volume 2
Issue 2

VISION

"To be a leading academic department offering computer science and engineering education, fulfilling industrial and societal needs effectively."

MISSION

♦ To enrich the technical knowledge of students in diversified areas of Computer Science and Engineering by adopting outcome based approaches.

♦ To empower students to be competent professionals maintaining ethicality.

♦ To facilitate the development of academia-industry collaboration.

♦ To create awareness of entrepreneurship opportunities.

NEWSLETTER - SEPTEMBER 2018

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Aarabhi Putty
Sumaiya Siddique
KavyaPriya M L

CIVIL SERVICES IN INDIA

We organised an expert talk on "CIVIL SERVICES IN INDIA" held on March 1st, 2018 by DHRUVA KUMAR S HIREMATH, ASST. ADMINISTRATIVE OFFICER, ICSTA, MYSORE.

OBJECTIVES: [i] To convey about civil services exams conducted by UPSC and KPSC and the procedure to be followed to get into service and the training academy helps students about preparation for these exams. [ii] To motivate students by showing the photos of candidates who are already got succeeded in the UPSC exam.

[iii] To convey the importance of employment in the civil services is much more than an average whitecollar job. [iv] To offer a unique care opportunity combined with constructive challenges and high growth prospects.

OUTCOMES: [i] Got an introduction regarding civil services examination. [ii] Got to know about the procedure for taking up the examination. [iii] Syllabus and strategies for cracking examination.

CAMPUS RECRUITMENT TRAINING

We organised an expert talk on "CAMPUS RECRUIT-MENT TRAINING" held on March 15th, 2018 by NITHIN N, CORPORATE TECHNICAL TRAINER, GLISTEN, MYSURU.

OBJECTIVES: [i] To make the students aware of campus recruitment. [ii] To motivated students to get into the organization. [iii] To brief about different domains.

OUTCOMES: [i] To learnt about how campus recruitment training is important. [ii] To know all the domains available in the training.

SVASETU AWARENESS PROGRAM

We organised an expert talk on "SVASETU AWARE-NESS PROGRAM" held on March 21st, 2018 by SUDHEENDRAGURURAJ, DIRECTOR & CTO, FIABILITE NETWORKS, BANGALORE.

OBJECTIVES: [i] To brief out what is svasetu and about their app. [ii] To enhance students technical knowledge. [iii] To ensure better career prospect.

OUTCOMES: [i] Knowing that Svasetu conducts various programs across India and their app is used to registries all engineering students who wants to be in this program. [ii] Got to know that by enrolling in this program students can increase their awareness. [iii] Got to know better ways of making our career.

FACULTY DEVELOPMENT PROGRAM

The Department conducted five-days faculty development program on Artificial Intelligence, Machine Learning and Deep Learning from 23rd July 2018 to 27th July 2018. The FDP was conducted by Ms. Preethi Shekar, Mr. Rajdeep Saxena and Mr. Pradeep Kumar from Microsoft. On the first day, faculties were given hands on experience on Python Programming for AI, followed by fundamental concepts of Artificial Intelligence and Machine Learning.

Faculties were also introduced to Microsoft's Azure Machine Learning Workbench. On the second day, after a quick recap of the previous session, the faculties were given a deeper insight on AI concepts. On the third day, a deeper insight into Machine Learning was given.

Faculties were made to know about statistics behind supervised learning, classification models and regression models such as K Nearest Neighbours. On day four, A laboratory session on Azure Machine Learning was conducted. Faculties were introduced to Bayesian Networks and Deep Belief Networks.

The program ended by providing a final insight into deep learning, followed by a successful Valedictory Function.

ANDROID APP DEVELOPMENT

Department of COMPUTER SCIENCE AND ENGINEERING, MIT MYSORE, Organised an expert talk on "ANDROID APP DEVELOPMENT" held on April 24th-25th, 2018 by PRADHYUMNA S, CEO, ATEU SOFTWARE, MYSURU.

OBJECTIVES: [i] To familiarize with android OS. [ii] To teach and give hands on session on basic APP development.

OUTCOMES: [i] Learnt about basics of android OS. [ii] Hands on session helps to know about how to develop basic android app. [iii] Students developed their own mini android app.

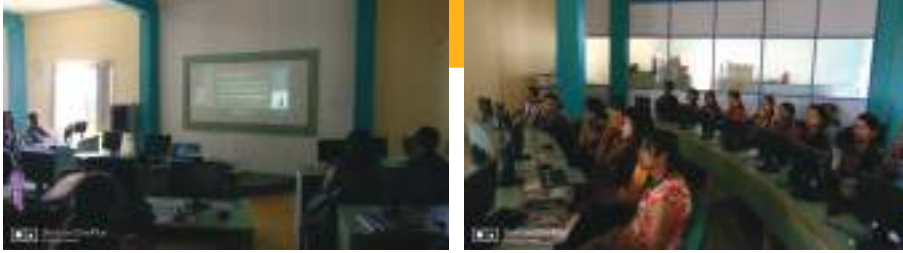# SWIFT BASICS AND IOS APP DEVELOPMENT

Department of COMPUTER SCIENCE AND ENGINEERING, MIT MYSORE, Organised an expert talk on "SWIFT BASICS AND IOS APP DEVELOP-MENT" held on March 9th, 2018 by KARTHIK, TECHNICAL LEAD, COGNI-ZANT TECHNOLOGY, BANGALORE.

OBJECTIVES: [i] To introduce about IOS app development using SWIFT. [ii] To learn some basics of SWIFT. [iii] To develop an example app using X-code platform.

OUTCOMES: [i] Introduced about different programming languages. [ii] Introduced about swift programming language. [iii] Introduced some basics of swift. [iv] Developed an app using X-code platform. [v] Introduced about drag and drop option of X-code in app development.

LATEST TREND IN TECHNOLOGY AND INTERNSHIP TOPICS

Department of COMPUTER SCIENCE AND ENGINEERING, MIT MYSORE, Organised an expert talk on ''LATEST TREND IN TECHNOLOGY AND INTERNSHIP TOPICS" held on April 4th, 2018 by K S MANJUNATHA, FOUNDER & CEO, IQUEST, Mysuru.

OBJECTIVES: [i] To know latest trends in technology. Such as machine leaning, artificial intelligence, data science, IOT (internet of things), working on these latest trends in technology which is more beneficial.
[ii] To know internship topics based on web technology. And other streams were also mentioned.

OUTCOMES: [i] Learn and know about latest trends such as ML, IOT, AI, data science. [ii] Making these trends easy to choose the stream in which internship projects could be taken.

PHEONIX 1.0

The IEEE-MIT Student Branch hosted an event 'PHOENIX 1.0' a intercollegiate mini project and working model presentation event on e-waste management. The event was held on April 19, 2018 at 11:00 am in CS&E Department.
We had invited all the faculties and all the students of the department to attend the same and make it a success.

PYTHON PROGRAMMING

Department of COMPUTER SCIENCE AND ENGINEERING, MIT MYSORE, Organised an expert talk on "PYTHON PROGRAMMING" held on April 5th, 2018 by PRANESH DIXIT, ASSISTANT MANAGER, NIIT, Mysuru.

OBJECTIVES: [i] To introduce Python programming language. [ii] To brief out why python is important. [iii] To know the basics of python like syntax, rules and regulations.

OUTCOMES: [i] Students got to know what does python really is. [ii] Students got to know the demand and importance of python. [iii] Students got to know how to write simple python programs, how to compile and run it.

ACHIEVERS

CONGRATULATIONS!!

To, Hemakiran W.Y, Hitesh R & Roshan Jain of 8th Semester for successfully winning the national level paper presentation competation "PATRIKA" conducted by IEEE-PESCE, on 11th of April, 2018.
Their paper titled "Tracking of nearest Blood Donors using GPS Navigation System", under the guidance of Prof. Bharat Kumar R.

Congratulations to Pareekshith Katti & Ponnanna, for bragging 3rd prize in TCS TECH BYTES Quiz Competition & for bagging 1st prize in technical quiz competition of GEETHA YANNA-2018, the Annual Techno-Cultural Fest held from 22nd-24th March 2018 at GSSSIT, Mysuru.

Congratulations to Sowmya & Sinchana, for bragging 8 PRIZES in National Integration Camp Organized by JSS University, Mysuru during April, 2018. Totally about 12 events has been conducted. In 12 events, MITM has wos 8 prizes in events like quiz, mono acting, group song, ethnic wear, group dance, solo dance and mimicry.

Congratulations toBharath S of 4th Sem CSE, MIT Mysore
• Mono acting (1st place)
• Mimicry (1st place)
• Dance (1st place)
• Best performer of the event [National Integration camp organized bt JSS University, Mysuru]

OUTSTANDING PROJECTS

PROJECT TITLE : SMART DYNAMIC BUS TRACKING WITH CLOUD DEPLOYMENT.
Category : Best Innovative Idea/Design.
CASH PRIZE : Rs. 2000
STUDENT NAMES :
1) Keerthi P R
2) Pooja Shankpal
3) Krupa Sagar G
4) Sourav Shetty P
GUIDE NAME : Prof. Nandakumar R B

PROJECT TITLE : SMART AGRICULTURE.
Category : Best Exhibit.
CASH PRIZE : Rs. 1000
STUDENT NAMES :
1) Avinash L N
2) Prajwal S
3) Amith Pradhaan
4) Kiran Kumar Jatti
GUIDE NAME : Prof. Kruthika S M

PROJECT TITLE : SMART FACE ID.
Category : Best Exhibit.
CASH PRIZE : Rs. 2000
STUDENT NAMES :
1) Karan D
2) Javeria Taj
3) Aravind Shekar C
4) Deepak M H
GUIDE NAME : Prof. Sushma koushik N

PROJECT TITLE : DETECTION OF HUMAN GESTURES IN ATM.
Category : Popular Projects
CASH PRIZE : Rs. 1000
STUDENT NAMES :
1) Shwetha K
2) Varshini K K
3) Chandana K
4) Shreya H
GUIDE NAME : Prof. Honnaraju B

PROJECT TITLE : VIRTUAL EYE GLASSES TRY-ON SYSTEM.
Category : Popular Projects.
CASH PRIZE : Rs. 1000
STUDENT NAMES :
1) Sripriya R R
2) Ayushi Jain
3) Kavyashree M S
4) Srinidhi K V
GUIDE NAME : Prof. Prasanna G Patil

PROJECT TITLE : FINGER PRINT RECONSTRUCTION USING ARITIFICAL INTELLIGENCE TECHNIQUES.
Category : Popular Projects
CASH PRIZE : Rs. 1000
STUDENT NAMES :
1) Bhavani
2) Anu P
3) Bhumika M U
4) Nischitha B M
GUIDE NAME : Prof. Ranjith K C

PROJECT TITLE : EDUSPACE: SPACE FOR EDUCATION.
Category : Best Innovative Idea/Design.
CASH PRIZE : Rs. 1000
STUDENT NAMES :
1) Kruthika M B
2) Gaanashree L
3) Nikhitha M S
4) Vidhursha P
GUIDE NAME : Prof. Archan M N

FAREWELL

A memorable farewell was given to the students of 2014 batch by their juniors and staff of the department on 12 th of June 2018 @ The Roost. The outgoing batch shared their experiences during the journey of engineering and gave valuable suggestions to their juniors. Various activities were organized to enjoy the farewell party. Our department Prof. & head, Dr. Deepu R, motivated students by issuing certificates with cash prize for their outstanding academic final year projects. Finally, everyone thanked Prof. BharathKumar R for successfully coordinating the event.

TOPPERS
2017-18 Even Semester

4TH SEMESTER

VARSHINI B
4MH16CS110
620/800
77.50%
RANK 1

IDREES SHARIFF
4MH16CS042
601/800
75.13%
RANK 2

PAREEKSHITH U.S. KATTI
4MH16CS069
591/800
73.87%
RANK 3

LIKITH V
4MH16CS051
587/800
73.38%
RANK 4

ANUSHA
4MH16CS402
587/800
73.38%
RANK 4

6TH SEMESTER

ANAGHA S SHASTRY
4MH15CS009
609/800
76.12%
RANK 1

HARSHITHA R
4MH15CS034
604/800
75.50%
RANK 2

RAMYA M
4MH15CS073
603/800
75.38%
RANK 3

SHERYAS P
4MH15CS086
603/800
75.38%
RANK 3

SHILPA R
4MH15CS082
601/800
75.13%
RANK 4

8TH SEMESTER

SWETHA K
4MH14CS110
631/750
84.13%
RANK 1

SINCHANA D S
4MH14CS91
623/750
83.06%
RANK 2

SUNAYANA B S
4MH14CS108
622/750
82.90%
RANK 3

JAVERIA TAJ
4MH14CS036
612/750
81.60%
RANK 4

NISARGA K
4MH14CS029
612/750
81.60%
RANK 4