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VISION

- A leader in the Computer Science and Engineering program to bring out globally competent graduates committed to the welfare of the community and the nation.

MISSION

- Build up competencies in Computer Science and Engineering graduates through innovative teaching and learning processes
- Impart team spirit through assignment of professional responsibilities on competitive basis
- Strengthen awareness of environmental protection through capstone design projects associated with the syllabus
- Advance innovative research and lifelong learning in Computer Science and Engineering to serve the needs of the community, industry, and the government.

HOD'S DESK



Ms.NITHYA V P
Head Of Department
(Department Of Computer Science Engineering)

It gives me great pleasure to give my best wishes to HAPPENINGS, a newsletter from Department of Computer Science and Engineering. This newsletter is an attempt to highlight the achievements of the department. I wish good luck to the entire team of editors and look forward for your kind patronage to our newsletter

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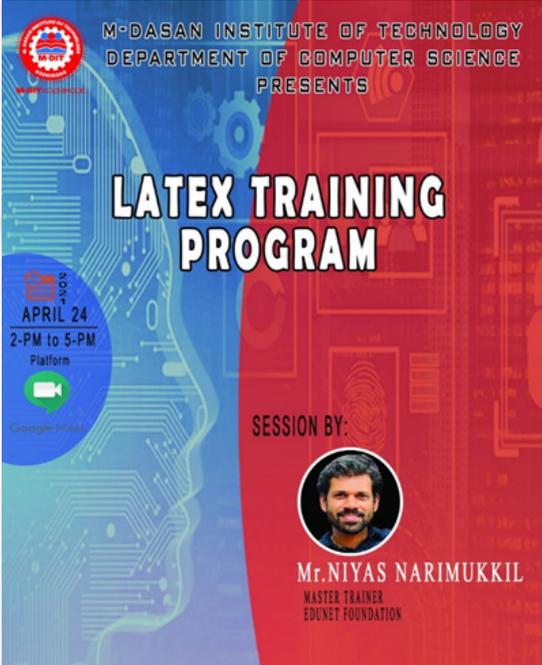


Acclaimed Victory

M-DIT Ulliyeri: Amar Krishna P A (S8 CSE) got placed in 6d Technologies as Implementation and Software Engineer in the virtual placement drive conducted exclusively for the students of M Dasan Institute of Technology, Ulliyeri. All the faculties and Students of Computer Science and Engineering department congratulate you on your success and wish you all the best for your future.

Webinar on Latex

M-DIT Ulliyeri :Department of Computer Science and Engineering conducted an online Latex Training Program for 6th semester B.Tech, 8th semester B.Tech and 2nd Semester M.Tech students of CSE department. The session was conducted on 24th April 2021 from 2 pm to 5 pm on google meet. Mr. Niyas Narimukkil, Master trainer-Edunet foundation handled the session. This training program was very informative and students acquired in depth knowledge about the document preparation using Latex system.




Webinar on Machine Learning

M-DIT Ulliyeri: An online hands on training on 'Machine Learning' has been conducted by 'Ascend'- the Computer Science and Engineering department association- on 12th April 2021. It was a 2 hour and 30 minutes training session. Mrs. Akhila V H, Research Scholar of NIT Calicut was the keynote speaker. The session was inaugurated by honourable Principal of MDIT, Dr. P M Maheesan. This training was exclusively for all the students of Computer Science and Engineering department including both B. Tech and M. Tech

FDP on Environmental Impact Assessment



Ms. Sona N M Ms. Suhitha K C Ms. Manjusha M S

M-DIT Ulliyeri: Ms. Suhitha K C (Asst Professor), Ms. Sona N M (Asst Professor) and Ms. Manjusha M S has successfully completed the 5-day online Faculty development programme on “Environmental Impact Assessment” organized by Department of Electrical and Electronics Engineering under the sponsorship of ISTE faculty chapter, MDIT during 19th to 23rd April 2021.

Tech news

Blockchain

A blockchain is a growing list of records, called blocks, that are linked together using cryptography. Each block contains a cryptographic hash of the previous block, a timestamp, and transaction data (generally represented as a Merkle tree). The timestamp proves that the transaction data existed when the block was published in order to get into its hash. Blocks contain the hash of the previous block, forming a chain, with each additional block reinforcing the ones before it. Therefore, blockchains are resistant to modification of their data because once recorded, the data in any given block cannot be altered retroactively without altering all subsequent blocks.

Blockchains are typically managed by a peer-to-peer network for use as a publicly distributed ledger, where nodes collectively adhere to a protocol to communicate and validate new blocks. Although blockchain records are not unalterable as forks are possible, blockchains may be considered secure by design and exemplify a distributed computing system with high Byzantine fault tolerance.

The blockchain was invented by a person (or group of people) using the name Satoshi Nakamoto in 2008 to serve as the public transaction ledger of the cryptocurrency bitcoin. The identity of Satoshi Nakamoto remains unknown to date. The invention of the blockchain for bitcoin made it the first digital currency to solve the double-spending problem without the need of a trusted authority or central server. The bitcoin design has inspired other applications and blockchains that are readable by the public and are widely used by cryptocurrencies. The blockchain is considered a type of payment rail. Private blockchains have been proposed for business use but Computerworld called the marketing of such privatized blockchains without a proper security model “snake oil”. However, others have argued that permissioned blockchains, if carefully designed, may be more decentralized and therefore more secure in practice than permissionless ones

Conquistadors



M-DIT Ulliyeri : Online hands-on training on 'Machine Learning' has been conducted by 'Ascend the Computer Science and Engineering department association' - on 12th April 2021. It was a 2 hour and 30 minutes session. Mrs Akhila V. H. Research Scholar of NIT Calicut was the keynote speaker. The session was inaugurated by the honourable Principal of MDIT, Dr PM Maheesan. This session was exclusively for all the students of the Computer Science and Engineering department including both B. Tech and M. Tech. This session leads the students to interact with the COLAB (platform) which execute code on GOOGLE'S Cloud Servers. The session focused on Sentiment Analysis (Sentiment analysis is the process of detecting positive or negative sentiment in text.). Sentiment analysis is carried out with the training process and prediction process. In the 'training process' our model learns to associate a particular input (here, tweets) to the corresponding output (tags: positive, negative, or neutral) based on the test samples used for training. The feature extractor transfers the text input into a feature vector. Pairs of feature vectors and tags (e.g. positive, negative, or neutral) are fed into the machine learning algorithm to generate a 'model'. In the 'prediction process', the feature extractor is used to transform unseen text inputs into feature vectors. These feature vectors are then fed into the model, which generates predicted tags (again, positive,

negative, or neutral). This will help the students to understand how it is often used by businesses to detect sentiment in social data, gauge brand reputation, and understand customers. For example, using sentiment analysis to automatically analyze 4,000+ reviews about your product could help you discover if customers are happy about your pricing plans and customer service. Apart from the session a coding contest was conducted to test the students understanding, students were given a text file containing positive and negative tweets. They need to train the model with this data and thus predict the sentiment of a tweet (positive or negative). Mr Amith Kumar and Mr Muhammed Shaheen of S6 CSE was selected from the contest out of all the received and they were rewarded.

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