MALLA REDDY COLLEGE OF ENGINEERING & TECHNOLOGY
DEPARTMENT OF INFORMATION TECHNOLOGY
Two-Day Seminar on "Block Chain Technology and DevOPs"
November 30th 2018 to December 1st 2018
REPORT

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The two-day seminar on "Blockchain Technology and DevOps" was conducted by the Department of Information Technology between November, 30 and December 1, 2018.

Two-day seminar is about Block chain and Devops are contemporary topics abreast and invogue to the rapidly changing trends in the IT industry. Block chain is the chain of blocks where each block contains data of value without any supervision which is cryptographically secure and immutable. It allows digital technology to be distributed but not copied. DevOps is the software development methodology that combines software development(Dev) with information technology operations(Ops). It increases the Organization capability to deliver services and applications at high velocity

The objective of the seminar is

- To create the awareness about the current trend concepts on Block chain technology and DevOps
- To furnish the participants with the foundations of these technologies – Underlying security concepts and software engineering concepts for Blockchain and DevOps respectively
- To facilitate the attendees in acquiring the knowledge of tools and technologies relevant to both the topics.

The inauguration of the seminar was attended by our beloved principal Dr. V.S.K.Reddy sir , Dean Academics Dr. Muralikrishna sir, Director CSE/IT & Dean Placements KailasaRao sir, Heads of the Department CSE Dr.D.Sujatha mam, ECE HOD Dr. Srinivasa Rao Sir, Aeronautical HOD Prof. Vedantham Ravi sir, Research Director Dr. Sesha Talpa Sai sir.

Following are the topics that are covered in the two-day seminar

First Day

Evolution of BlockChain Technology

Blockchain Use Cases –EGov & Blockchain Technology and the role of STPI

Second Day

Blockchain – cryptography primitivies

DevOps for delivery of applications at Highvelocity

Tools for configuration Management, Automatic builds, Monitoring & Testing

Containarization using Docker

We had two external speakers one from Government side and Industrial side each:

Mr. Bharat Kumar, Joint Director, STPI(Under Ministry of Electronics and IT(MeitY) - Govt. of India),Hyderabad who delivered his speech on the topic "**Blockchain Use Cases –EGov & Blockchain Technology and the role of STPI**"

Mr.Ravikiran Raju, Senior Domain Consultant Wipro, Hyderabad, handled the topic on "**Tools for continuous integration, Automatic Builds ;Tools for Containerization**"

Dr.N.S. Gowri Ganesh, Professor, IT, MRCET had covered the topics on "**Evolution of Block Chain technology and its Architecture, BitCoin Concepts**" in the first day and "**Emergence of Cloud Computing and DevOpS**" on the second day.

Dr.Roopa chandrika, Professor, IT, MRCET had covered the topic on "**Blockchain – Cryptography primitives**"

The participants had actively interacted with the speakers which depicted an environment of active knowledge sharing. It showed that the seminar had clearly met its objective listed above.

The two-day seminar had received the encouragement from the participants who had given the positive feedback regarding the good MRCET hospitality and to conduct many such programs.

The Department of Information Technology had a proud moment to conduct the seminar in the newly built seminar hall separately dedicated to the department facility.

The coordinator **Dr.N.S.Gowri Ganesh** and co-coordinator **Mr.M.Vazralu** thanked the management, the HOD, the colleagues and all the participants for being a part of this two-day seminar and made as a grand success.

THANKS