



Sarvajanik Education Society
Sarvajanik College of Engineering & Technology
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R&D Lecture Series
Information Technology Department
Academic Year: 2019

Title of the Talk: Foundations of Blockchain and Applications

About the Speaker: **Dr. Chirag Modi** is currently a faculty member at the Department of Computer Science and Engineering at NIT, Goa. His areas of interest include Blockchain, Cryptography and Network Security, Information Security and Privacy, Cloud Computing and Visual Computing.

Dr. Chirag Modi has completed his M.Tech. and Ph.D. from NIT, Surat. He is an active researcher in the Information Security domain with over 25 publications in reputed International Conferences and Journals, besides contributing as an author for 5 book chapters till date. He is also working on a project titled “Designing out-of-VM Monitoring based Virtual Machine Introspection Framework for Securing Virtual Environment of Cloud computing”, which is sponsored by SERB, Department of Science and Technology, Government of India. Dr. Chirag Modi is also the recipient of the ‘Young Scientist Award’ in the specialization of Cloud Computing, by Venus International Foundation, Chennai, India in 2015.

Details of Expert Talk:

<u>Topic</u>	Foundations of Blockchain and Applications
<u>Speaker</u>	Dr. Chirag Modi, NIT, Goa
<u>Date/Time</u>	17/09/2019 at 10:45 AM
<u>Venue</u>	N J Seminar Hall, SCET
<u>R & D Session</u>	Dr. Mita Parikh, Professor, IT Department, SCET
<u>Co-ordinator</u>	

Audience: The talk was attended by 205 participants, including students as well as faculty members from the Information Technology and Computer Engineering Department.

Highlights of the R&D session: Dr. Chirag Modi delivered an interesting and highly informative talk on “Foundations of Blockchain and Applications”, in the domain of Cryptography and Information Security.

The lecture discussed the motivation for blockchain technology, terminology of this domain, its usages and limitations, its applicability in current world scenario and various applications including ‘Cryptocurrency’, ‘Blockchain wallet’, ‘Gaming’, ‘Storage of Digital documents’, ‘management of online funds & charities’ etc.

The session was very interactive with enthusiastic participation and Q&A from student community. Some glimpses of the event are shared below.

Achievables:

1. Possibility of guiding/mentoring of students’ Project Work in the area of Blockchain Technology was discussed with Dr. Chirag Modi, to which he has graciously shown willingness.
2. Collaborative efforts for knowledge and expertise sharing in this domain was discussed.
3. Possibility of short term deputation of students at NIT, Goa for internship was explored.

Glimpses of the Event:





Acknowledgments:

We acknowledge the support provided by all teaching and non-teaching staff members of I.T. Department for making this event successful. We would like to thank Head of Department Dr. Vivaksha Jariwala for all kinds of support extended, and Honorable Principal Dr. Hiren Patel for granting permission for the R & D talk and encouraging us. We are also thankful to Dean R&D Dr.

Chirag Paunwala for his assistance and inspiration in arranging the talk. We are thankful to the expert Dr. Chirag Modi for sharing his invaluable time and expertise with the participants. Finally, we thank all the participants for their enthusiastic participation that provides us motivation for arranging such sessions.