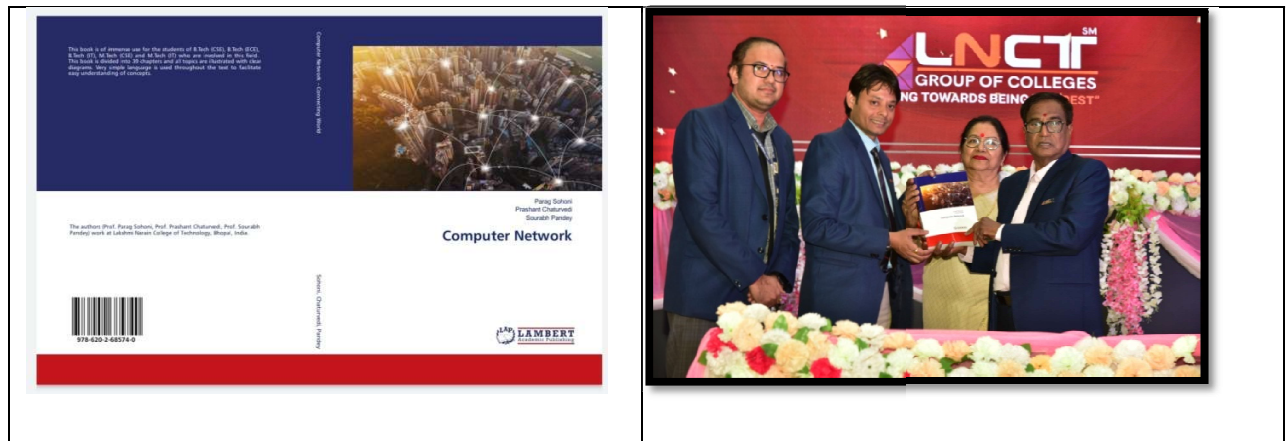


Book inauguration


On the Occasion of birthday of Shri JN Chauksey Honorable chairman LNCT group & Chancellor LN University, a Book title “**Computer Network**” is inaugurated by him. Authors of book are Prof Prashant Chaturvedi, Prof Sourabh Pandey and Prof Parag Sohoni.



• Publications in SCI

Dr M. Zahid Alam has Published a paper in **SCI Journal** having Journal Quartile Q1 and Impact Factor of 3.81 on the Topic, “Analysis of machine learning based LEACH robust routing in the Edge Computing systems”, **ELSEVIER** Journal on Computer and Electrical Engineering (ISSN No.0045-7906) Volume 96, Part B.Pg:152-159, November 2021



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Analysis of machine learning based LEACH robust routing in the Edge Computing systems

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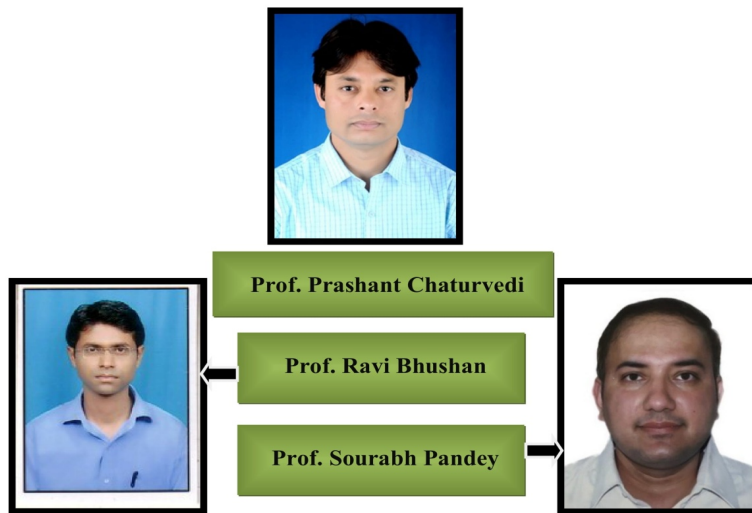
Keywords:
 Wireless sensor networks
 Edge Computing
 Machine learning
 Data Fusion Method
 LEACH routing protocol
 Independent RNN

ABSTRACT

Wireless sensor networks (WSN) are used to detect real-time changes in the deployed environment. This dynamic behaviour is either triggered by the deployed environment or by the user from outside. Because of their ability to monitor complex scenarios that change rapidly over time, wireless sensor networks are critical components of most advanced computing systems. These complex activities are influenced by different methods or even by the designers of their networks. Machine learning encourages many real solutions that optimise resource use and increase the network's lifespan in sensor networks. LEACH routing protocol has many limitations due to sudden energy utilisation & cluster head nodes due to direct communication with the base station

- **Book Publication**

VLSI Technology & Testability Book has been written keeping in mind the students of EC branch of B.Tech and M.Tech. PrashantChaturvedi, Ravi Bhushan Roy or SourabhPandey all three have worked together on this book.



The authors are Assistant Professors at the Department of Electronics & Communication Engineering at Lakshmi Narain College of Technology Bhopal India.



Chaturvedi, Bhushan Roy, Pandey

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