



# National Conference on Future Dimensions in Science, Technology & Engineering (NCFDSTE-2019)

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## Schedule

### National Conference on Future Dimensions in Science, Technology & Engineering (NCFDSTE-2019)

S.No	Event	Time
1	Inauguration	10.00 A.M. to 10:30 A.M.
2	Break fast	10:30 A.M. to 11:00 A.M
3	<b>1<sup>st</sup> Technical session</b> <b>Chairperson:</b> 1. Kapil Jyani 2. Dr. Vikram Singh Takhar 3. Anurag Nagar 4. Dr. Alok Vyas	11:00 A.M. to 2:00 P.M.
4	Lunch	2:00 P.M. to 3:00 P.M.
5	<b>2<sup>nd</sup> Technical session</b> <b>Chairperson:</b> 1. Naresh Kumar Sharma 2. M.S. Gaur 3. Dr. L. C. Bisnoi 4. Dr. Y.B. Mathur	3:00 P.M. to 4:30 P.M.

#### 1st Technical Session

**Time: 11:00 A.M. to 2:00 P.M.**

S.No	Author Name	Paper Name
1	Satish Namdev, Anand Pandey, Arun Kr. Pandey	Optimization of Hole Taper in Machining of SS316L Alloy Sheet Using Laser Beam Drilling
2	<b>Manav Saini,</b> Dr. Atul Loomba	Marketing Trends for Skill Development Education in Kandi Zones of Punjab
3	Dr. Arvind Sharma	Temperature Tunable Silica Liquid Gallium Nonlinear Omnidirectional One Dimensional Photonic Crystal
4	Manisha Siyag, Bhoomika Parmar, Sushila Batan	Review on Big Data Mining and Solutions
5	Dr. C. K. Singh, Dr. Pushpendu Rakshit	Millennial's Online Purchase Behaviour – A Case Study on Indian Big Billion Day Sales
6	P. Bhambhani	Effect of Growth Time on Optical Properties of CdSe Nanocrystals
7	Kamalpreet Kaur, Prashant Joshi	Molecular Single Electron Transistor: Theory, Applications and Challenges
8	Dr. Budesh Kanwar	Employment of Machine Learning in Cyber Crimes
9	Sushila Batan,	An Energy Efficient Sleep Scheduling Routing Protocol in Wireless

	Bhoomika Parmar, Manisha Siyag	Sensor Network
10	Rashi Sharma, Anjali Verma, Anand Sharma	Quantum Cryptography for IoT System Security
11	Aashish Kumar Jha, Akash Agarwal, Gourav	Feasibility of Industrial Waste for Construction Materials
12	Shabnam Kaur, Dr. Rajandra Gupta	Mitigating Data Breaches in Cloud Computing using Advance Encryption Algorithms
13	Hitesh Saini, Sunil Jangid	Micro-grid a Review in Indian Scenario

## 2<sup>nd</sup> Technical Seccesion

Time: 3:00 P.M. to 4:30 P.M.

S.No	Author Name	Paper Name
1	Pooja Rakhecha, Dr. Manish Tanwar	Study on E-Banking and Digital Payment Movement of India
2	Prof. Hetal Rajgor, Dr. Pushpendu Rakshit	Study to comprehend Impact of Goods and Service Tax (GST) In Indian scenario
3	Somnath H. Kadhane, Hemant N. Warhatkar	Mechanical Response of Caprine Muscle under Compression at Varying Strain Rates
4	S S Satapathy, Sandeep Srivastava	Success and Failure of Natural Gas as Future Fuel- A Literature Review
5	Dr. Nidhi Poonia, Bhawini Sharma	Grey Water Reuse and Recycling: Need of Hour
6	Dr. Mukesh Chansoriya, Mrs.Neha (Pachori) Dubey	A Study of Customer Satisfaction from Organized Retailing (With Reference to Bhopal City)
7	Manish Kumar Jain, Rajveer Singh	Group Search Optimization with Multi Objective Thermal Power Dispatch - An Overview
8	A. Kannabhiran, M. Nandhini Gayathri, S. Kodeeswaran	An 81 Level Inverter with Low Device Switching Frequency Operation
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## Feasibility of Industrial Waste for Construction Materials

Aashish Kumar Jha<sup>1\*</sup>, Akash Agarwal<sup>2</sup> and Gourav<sup>3</sup>

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**Abstract-** The increment in world's population makes direct effect on the requirement of the human being needs ramification installed numerous amount of new industries for fast and extra production to fulfill the requirement of consumers. Now, current scenario, there are millions of factories, mills, industrials, mining plants along with others are running around the world. All the industries are using raw material to producing the product but throughout this process various residuals materials produce in terms of waste and drop as a pollutant in atmosphere moreover growing infrastructure needs massive amount of construction materials which is depends on natural resources. To reduce the negative impact on environment, there should be alternative way to cease the iassues of environmental aspect from both industrial waste and the complication generated caused by the utilization of natural resources at the extreme level for the construction materials. Now the current span, there are several industrial waste which is avail oneself of as the construction material like slag , rice husk ash, bagasse, fly ash, cement, dust, brick dust, sludge, glass , tires and many more, nevertheless still numerous industrial waste that needs to be research to execute into construction materials. This paper is made to present state of the art review of feasibility of waste from certain industries for preparation of construction materials and to attract the engineers and scientific society to explore more in the field of industrial waste management and its feasibility as a construction materials.

**Keywords-** *Construction materials, Fly ash , Red mud , Waste foundry sand , Copper slag , Red mud*

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## Mitigating Data Breaches in Cloud Computing using Advance Encryption Algorithms

**Shabnam Kaur**

Research Scholar

Rabindranath Tagore University, Bhopal

**Dr. Rajandra Gupta**

Associate Professor

Rabindranath Tagore University, Bhopal

**Abstract-** The importance of Network cloud is increasing and it is accepting a developing attention in the scientific and industrial communities. Cloud Computing has already started to revolutionize the method we store and access data. This paper focuses on risks from cloud computing, and how tenants can mitigate them. The new risk is from a cloud operator who is itself malicious. All the companies are moving towards the cloud. Because the cloud puts tenants on a common computing infrastructure, one flaw exposed in that infrastructure can threaten all tenants. Clouds gather computations of potentially mutually distrusting tenants on the same compute platform, potentially introducing opportunities for cross-tenant attacks. These risks have given rise to numerous active and worthwhile research agendas to enable tenants to mitigate them. But data breaches could be mitigated using Data Leak Prevention and Detection methods implementing advance Rivest Shamir Adleman(RSA) and Advanced Encryption Standard (AES) algorithms.

**Keywords-** *Cloud Computing, Data Leak Prevention and Detection (DLPD), Advanced Encryption Standard (AES), Rivest Shamir Adleman(RSA) algorithm*

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