



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

7 Dec 2019

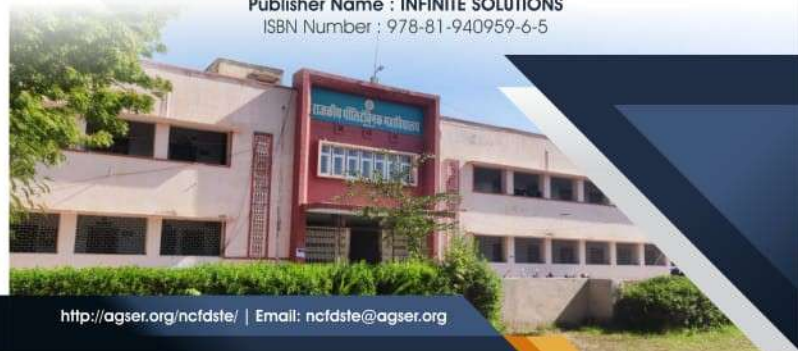
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Schedule

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 | 1st Technical session Chairperson: 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 | 2nd Technical session Chairperson: 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 |
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| 1 | Satish Namdev, Anand Pandey, Arun Kr. Pandey | Optimization of Hole Taper in Machining of SS316L Alloy Sheet Using Laser Beam Drilling |
| 2 | Manav Saini, 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 |

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| | 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 |

2nd Technical Seccesion

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

| S.No | Author Name | Paper Name |
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| 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 |
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| 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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Optimization of Hole Taper in Machining of SS316L Alloy Sheet Using Laser Beam Drilling

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Abstract—SS316L is a most popular super alloy engineering metal having wide applications in medical implants and aerospace fasteners. Mostly, this alloy has been used in aerospace and medical industries. In laser beam machining (LBM) is used thermal energy for machining process. There is very difficult to machining operation like drilling, cutting etc. on this alloy through laser beam. In present research work, laser drilling has been used to create a precise hole of 2mm diameter on SS316L sheet. Aim of this work is to optimize (minimize) taperness of a drilled hole. Experimental models have been prepared in central composite design with 31 experiments. Response surface methodology (RSM) has been used to validate experimental model. Optimization technique genetic algorithm (GA) has been used to minimize hole taper (H_T). Significance of input parameters also discussed for hole taper. Hole taper is reduced (improved) by 16.1% from experimental value while using GA.

Keywords-ANOVA, GA, LBPD, RSM, SS316L.

Marketing Trends for Skill Development Education in Kandi Zones of Punjab

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Abstract- The rural world is evolving quickly; youngsters should be set up for skill development education to ascend to the new chances, utilizing marketing strategies. Entrepreneurs require the capacities and information to work in open and requesting markets. This study is focusing Hoshiarpur in Punjab. Hoshiarpur is sub hilly and this region is generally called Kandi territory or semi-sloping region. Low achievement in rural areas is oftentimes credited to homestead work; in those zones, youngsters miss school and universities or drop out to help with ranch or family unit work. This study is directed to discover the adequacy of advertising systems for expertise training in sub-mountain zones of Punjab. The best marketing techniques are those that are engaged toward a particular crowd, focused on key advantages. Improved advertising systems can cop up with the difficulties. Customary Marketing, print ads, for example, bulletins, boards, flyers and paper print advertisements and advanced marketing techniques can help in advancement of the significance of ability improvement training in rustic zones.

Keywords- Skill Development Education, Self-employment
