

A National level

Online Short Term Course on

Advances in Manufacturing Technologies 2020 (AMT-2020)

26th -30th October 2020



Beant College of Engineering
& Technology, Gurdaspur
Department of
Mechanical Engineering

Contacts

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Registration link

[https://forms.gle/
krZMUqUR2AVHk7ENA](https://forms.gle/krZMUqUR2AVHk7ENA)

- No-Registration fee
- Limited seats
- E-Certificates
- Platform: Google Meet

Chief Patron

Dr. Ajay Mahajan

Patron

Dr. Jagdev Singh, HOD ME

Course Co-ordinators

Dr. Naveen Beri
Dr. Sarabjeet Singh Sidhu
Dr. Sandeep Gandotra

Detailed Schedule Plan for Online Short Term Course (e-STC) on Advances in Manufacturing Technologies-2020 (AMT 2020)

| Date/Day | Timings | Description | Eminent Experts |
|-------------------------|---------------------|-------------------|---|
| 26/10/2020 Monday | 11:00 AM - 11:10 AM | Welcome Speech | Dr. Naveen Beri (BCET, Gurdaspur) |
| | 11:10 AM - 11:20 AM | Brief about e-STC | Dr. Jagdev Singh Head Department of Mechanical Engineering, BCET Gurdaspur |
| | 11:20 AM - 11:30 AM | Inaugural Speech | Director BCET Gurdaspur |
| | 11:30 AM - 01:00 PM | Lecture 1 | Manufacturing of Biomaterials Dr. Sarabjeet Singh Sidhu (BCET Gurdaspur) |
| | 01:00 PM - 02:30 PM | Session Break | |
| | 02:30 PM - 04:00 PM | Lecture - 2 | Role of Tribology in Manufacturing Industry Dr. Sanjay Mohan Sharma (SMVDU Jammu) |
| 27/10/2020 Tuesday | 10:00 AM - 11:30 AM | Lecture - 3 | Green Manufacturing Dr. Nirmal Singh (BCET, Gurdaspur) |
| | 11:30 AM - 01:00 PM | Lecture - 4 | Current and Future Requirements of Industry for Manufacturing and Quality: A Practical View Dr. Sarabjit Singh (Director CIHT Jalandhar) |
| | 01:00 PM - 02:30 PM | Session Break | |
| | 02:30 PM - 04:00 PM | Lecture - 5 | Synthesis and Characterization of Bio Composites Dr. Tanya Buddi (GRIET, Bachupally, Hyderabad) |
| 28/10/2020 Wednesday | 10:00 AM - 11:30 AM | Lecture - 6 | 3 D Printing Dr. Rupinder Singh Khalsa (NITTTR Chandigarh) |
| | 11:30 AM - 01:00 PM | Lecture - 7 | 5 Axis CNC Machining Dr. Harish Pungotra (BCET Gurdaspur) |
| | 01:00 PM - 02:30 PM | Session Break | |
| | 02:30 PM - 04:00 PM | Lecture - 8 | Sustainable Manufacturing and EDM Dr. Naveen Beri (BCET, Gurdaspur) |
| 29/10/2020 Thursday | 10:00 AM - 11:30 AM | Lecture - 9 | Manufacturing Business Sustainability using Quality Management Systems Sh. Aneel V Sehgal (CEO Qsource International Delhi) |
| | 11:30 AM - 01:00 PM | Lecture - 10 | Tool Positioning for Multipoint 5-axis Machining Dr. Ravinder Kumar Duvedi (TIET, Patiala) |
| | 01:00 PM - 02:30 PM | Session Break | |
| | 02:30 PM - 03:15 PM | Lecture - 11 | Industry 4.0: A Future Prospective Dr. Sandeep Gandotra (BCET Gurdaspur) |
| | 03:15 PM - 04:00 PM | Lecture - 12 | Role of Abrasives in EDM Dr. Anil Kumar (BCET, Gurdaspur) |
| 30/10/2020 Friday | 10:00 AM - 11:30 AM | Lecture - 13 | 4 D Printing Dr. Rupinder Singh Khalsa (NITTTR Chandigarh) |
| | 11:30 AM - 01:00 PM | Lecture - 14 | Advance Manufacturing Towards the Transition of Country into Hydrogen Economy Dr. Dhiraj Kumar Mahajan (IIT Ropar) |
| | 01:00 PM - 02:30 PM | Session Break | |
| | 02:30 PM - 04:00 PM | Lecture - 15 | Multi Objective Optimization: Basics and Principles Dr. Rakesh Kumar (NIT Jalandhar) |
| | 4:00 PM | Valedictory | Vote of Thanks Dr. Sarabjeet Singh Sidhu (BCET, Gurdaspur) |

Registration Link : <https://forms.gle/krZMUgUR2AVHk7ENA>