Advanced Training Programme on Grinding & Abrasive Machining

Who would benefit

This being the follow-up to our basic level grinding programme, it requires higher level of understanding about grinding processes. Participants with prior experience of at least 5-7 years in grinding are expected to benefit from this programme.

- Production / Product Managers, Senior Managers
- Production - in - charge
- Those who head the challenging task of producing components from hard-to-grind materials
- Tool Room Managers responsible for Planning and Procurement
- Those who have the responsibility of Process Development

Programme Outline

- Revisiting Bonds, Grains, their Structures and new developments like CVD / PCD / MCD
- Surface Generation and Quality
- Concepts of Abrasive Jet Machining
- Grinding Cycle and Efficient Grinding
- Latest trends in Grinding Machines
- Crank Shaft and Cam Shaft Grinding
- Creep Feed Grinding
- Dressing and Dressing Systems
- Tooling the Grinding Machine with Vitrified CBN wheel
- Suitable Dressing Systems and Spindles
- Latest trends in Honing and Honing Machines
- Fine Grinding
- Polishing Films and Application
- Grinding of Exotic Materials, specially for Automotive Industry
- Properties and Surface Texture of Exotic Materials
- Commonly used Exotic Materials in other Industries
- Thermal Aspects in Grinding
- Considerations for Coolant selection
- How to arrive at cost effective solution for Coolant
- Coolant Maintenance
- Group Exercise

Faculty

IIT Professors, Experts in the field of Grinding Process / Application and Grinding Machines from both Wendt Global, CUMI and Industry.

Your investment

Total investment for this 2 day training programme per participant will be Rs.18,000.00 plus Service Tax as applicable. The above amount includes course material, boarding and lodging etc. Accommodation will be on twin share basis.

Sponsoring Organizations can avail the following benefits:

- 2 & more participants — Rs.17,000.00 plus service tax per participant

For those participants who live in the vicinity and do not avail accommodation, the Registration Fee in such cases will be Rs.15,000.00 plus service tax extra as applicable.

Registration will be accepted on first-cum-first basis as the number of participants in each batch is limited to 25.

Early bird discount of 2.5% will be offered to the participants enrolling before two weeks of the commencement of each programme.

Advanced Training Programme on Grinding & Abrasive Machining

Who would benefit

This being the follow-up to our basic level grinding programme, it requires higher level of understanding about grinding processes. Participants with prior experience of at least 5-7 years in grinding are expected to benefit from this programme.

- Production / Product Managers, Senior Managers
- Production - in - charge
- Those who head the challenging task of producing components from hard-to-grind materials
- Tool Room Managers responsible for Planning and Procurement
- Those who have the responsibility of Process Development

Programme Outline

- Revisiting Bonds, Grains, their Structures and new developments like CVD / PCD / MCD
- Surface Generation and Quality
- Concepts of Abrasive Jet Machining
- Grinding Cycle and Efficient Grinding
- Latest trends in Grinding Machines
- Crank Shaft and Cam Shaft Grinding
- Creep Feed Grinding
- Dressing and Dressing Systems
- Tooling the Grinding Machine with Vitrified CBN wheel
- Suitable Dressing Systems and Spindles
- Latest trends in Honing and Honing Machines
- Fine Grinding
- Polishing Films and Application
- Grinding of Exotic Materials, specially for Automotive Industry
- Properties and Surface Texture of Exotic Materials
- Commonly used Exotic Materials in other Industries
- Thermal Aspects in Grinding
- Considerations for Coolant selection
- How to arrive at cost effective solution for Coolant
- Coolant Maintenance
- Group Exercise

Faculty

IIT Professors, Experts in the field of Grinding Process / Application and Grinding Machines from both Wendt Global, CUMI and Industry.

Your investment

Total investment for this 2 day training programme per participant will be Rs.18,000.00 plus Service Tax as applicable. The above amount includes course material, boarding and lodging etc. Accommodation will be on twin share basis.

Sponsoring Organizations can avail the following benefits:

- 2 & more participants — Rs.17,000.00 plus service tax per participant

For those participants who live in the vicinity and do not avail accommodation, the Registration Fee in such cases will be Rs.15,000.00 plus service tax extra as applicable.

Registration will be accepted on first-cum-first basis as the number of participants in each batch is limited to 25.

Early bird discount of 2.5% will be offered to the participants enrolling before two weeks of the commencement of each programme.