

| <b>Name of the programme</b> | <b>Name of Course</b>      | <b>Duration of Course</b> | <b>Number of seats sanctioned</b> | <b>Eligibility Criteria</b>  |
|------------------------------|----------------------------|---------------------------|-----------------------------------|--|
| M.Tech.                      | Mechanical Engineering(MP) | 2                         | 18                                | B.E. / B.Tech or equivalent degree in Mech. Engg. / Production Engg. / Industrial Engg. / Mechatronics Engg. / Automobile Engg. / Aeronautical Engg. / Industrial Engg. or in relevant branch with at least 50% marks in aggregate (45% marks for SC / ST candidates of Haryana only). Result awaited (Qualifying Exam.) candidates can apply. |

ME/354

17/08/2024

## FORMAT for Program-Specific Career Options to be uploaded on Council's Website:

| S.No. | Description   | Program 1  | Program 2  |
|-------|---|--|--|
| 1     | Program of Study and its duration   | B.Tech. (Mechanical Engineering)<br>4 years  | M.Tech. (Manufacturing Technology & Automation)<br>2 years   |
| 2     | MOU's and Collaboration for this program                                      | Danfoss, Bosch, Daikin, Royal Enfield  | Danfoss, Bosch, Daikin, Royal Enfield  |
| 3     | Business Houses/Companies which visits Campus for recruitment                 | Chegg India Pvt. Ltd. Delhi, CNH New Holland, Cognizant Technology Solutions Noida, Dabur India Pvt. Ltd. Noida, Daffodils Software Gurgaon, Effisense Consulting, EICHER Tractor Bhopal, Escorts India Pvt. Ltd. Faridabad, Escorts Kubota Faridabad, ETA Engineering Pvt. Ltd., Flipkart, Griefo Proposal, MV Electronics Pvt. Ltd. Palwal, Pinclick Gurgaon, Prasheetan Energy Noida, Suvridha Engineering India Pvt. Ltd., Tata Advanced Systems Limited Noida, Tata Motors India Ltd. , Urjahub Assam, Ventino Window Faridabad, Escorts Groups, Maruti Suzuki, Tecumseh Scope Telecom, Ecom Express Pvt. Ltd., Luv Groups, People Strong, Infosys, Plastic Opimum, Denso | Chegg India Pvt. Ltd. Delhi, Cognizant Technology Solutions Noida, Ecom Express Pvt. Ltd.  |
| 4     | Details of Business Houses/Companies offering in industrial projects/training | ADINATH FORGINGS PVT.LTD, Advanced silicone Pvt Ltd, AG INDUSTRIES PVT. LTD., ALP NISHIKAWA CO PVT LTD, Andritz Hydro Private Ltd, Asian Fine Cements Pvt. Ltd. Autovea components, Bhakhra beas management board, Bony Polymers Private Limited, Boolean IP Consulting Pvt.Ltd, Bucher Hydraulics Pvt. Ltd., Carborundum Universal Limited, Carrier Air conditioning & Refrigeration Ltd., Chanderpur Groups Pvt. Ltd. CNH Industrial India PVT Ltd, Cognizant technology solutions, Dabar India pvt ltd, Daikin, Effisense consulting, Eicher Tractor Bhopal, Escort kubota india pvt limited, Escorts agri machinery, Escorts   | Ford New Holland Tractor Division Noida, Victora Auto Pvt. Ltd. Faridabad, Escorts Ltd Plant-3 Faridabad, Bony Polymers Ltd. Faridabad, Advance Silicones Pvt. Ltd. Faridabad, Sigma Automotive Materials Pvt. Ltd. Manesar Gurgaon, Citizen Press Comps Manesar Gurgaon |

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|   |   | Construction Equipment Ltd, ETA Engineering Private Limited (Metro Division), Federal-Mogul Goetze (India) Limited, FLIPKART, Hero-Motocorp, Hi-tech machine tool, INDIABULLS, JaiRaj ancillaries pvt ltd, Jay Bharat Maruti LTD, JCB India Limited, JINDAL STAINLESS HISAR LTD, JMC TAPEX INDUSTRIES, Knitwell india Pvt Ltd, Lifelong India Pvt Ltd, Lumax industries Ltd, Magneti Marelli Powertrain India Pvt Ltd, Maruti Suzuki India Limited, Maxbros ventures India limited, MENETA, MV Electrosystems Pvt Ltd., NEHA ISPAT Pvt. Ltd., Neoflex industries Ltd, Northern Railways, Ottoman Industries Pvt. Ltd., PACFIL UDYOG PRIVATE LIMITED, Peaks Auto Jammu Pvt. Ltd., Perfect Hydro Machines India Pvt. Ltd., Pinglaksh Anveshnam Pvt. Ltd., Pranjal Pvt Ltd., Promptech Industrial products, Radharaman stainless steel Pvt Ltd., Saadhu industries, Sanden Vikas, SAR Coating LLP, Satyam Auto component pvt. ltd., Shinryo Suvridha Engineers, SHINRYO SUVIDHA ENGINEERS INDIA Pvt Ltd., Star wire india limited, Talbros engineering limited, Tata motors, The Indian Sugar and General Engineering Corporation, UFLEX limited jammu , Unthinkable Solutions, Urjahub, Ventino Windows Private Limited, Vichitra Prestressed Concrete Udyog (P) Ltd., Victora auto PVT LTD |  |
| 5 | Projects/training offered by University | 3D Printing & Design, Concepts for Industry Readiness, Quality Tools and Techniques, Industrial Metal Joining Technologies, Basics of CNC Technology, CNC Machining and Programming, Advanced Metal Joining and Testing, Flow Management Skills   | 3D Printing & Design   |
| 6 | Entrepreneurship Opportunities          | Yes. Many passed out students have now their own established businesses.  | Yes  |
| 7 | Opportunities in Education Sector       | Yes. As a qualified UG student, he/she can apply for higher studies in India as well as abroad.   | Yes. As a qualified PG student, he/she can apply for higher studies. |
| 8 | Opportunities as Social Worker          | Yes   | Yes  |

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| 9  | Opportunities in other Nations  | Yes  | Yes  |
| 10 | Opportunities as an Academician   | Yes. Can apply for lecturer in polytechnics.   | Yes. Can apply for assistant professor in colleges.  |
| 11 | Opportunities for Nation Development  | Yes  | Yes  |
| 12 | Opportunities as Consultant   | Yes  | Yes  |
| 13 | Opportunities for self-employment and How program leads to livelihood?                  | Yes  | Yes  |
| 14 | Role/Details of Specific Membership for the program (for eg. CII, AIMA, ISTE, IAA etc.) | SAE, ISHRAE  | SAE, ISHRAE  |
| 15 | Aptness of the program with future challenges   | Program is revised on continuous basis by inclusion of evolving topics.  | Program is revised on continuous basis by inclusion of evolving topics.  |
| 16 | Can program contribute in rural development? How?                                       | Yes. By doing projects related to rural development.   | Yes. By doing projects related to rural development.   |
| 17 | Industrial Visits related to the program made by students                               | <b>Bony Polymers Ltd</b> , sector 7, Faridabad; <b>Classic Automation</b> , NIT, Faridabad; <b>Hyderabad Industries Limited</b> , sector 25, Faridabad; <b>JCB Limited</b> , Ballabhgarh; <b>Star Wire</b> , Ballabhgarh; <b>Super Auto Industries Limited</b> , sector 6, Faridabad; <b>VEE-GEE Industries</b> , Prithla-Dudhola Road, Prithla, Palwal; <b>Victoria tools Engineering Pvt Ltd.</b> , Sector 58, Faridabad | <b>Bony Polymers Ltd</b> , sector 7, Faridabad; <b>Classic Automation</b> , NIT, Faridabad; <b>Hyderabad Industries Limited</b> , sector 25, Faridabad; <b>JCB Limited</b> , Ballabhgarh; <b>Star Wire</b> , Ballabhgarh; <b>Super Auto Industries Limited</b> , sector 6, Faridabad; <b>VEE-GEE Industries</b> , Prithla-Dudhola Road, Prithla, Palwal; <b>Victoria tools Engineering Pvt Ltd.</b> , Sector 58, Faridabad |



HOD/Chairperson

Deptt. of Mechanical Engineering

J.C. Bose UST, YMCA, Faridabad