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| Role Title | Principal Trainer, Mechatronics |
| Role Purpose | The Principal Trainer shall be responsible for managing the operations, ensure availability of functional equipment and infrastructure in the labs along with knowledge management for the Mechatronics course. S/he shall ensure high quality of end-to-end training and provide recommendations for continuous improvement of training effectiveness. |
| Reports to | Course Head, Mechatronics |
| Levels of Direct Reports | Trainer, Mechatronics |
| Educational Qualification | <ul style="list-style-type: none"> Graduate degree in Mechatronics/Mechanical/Electronics/Electrical Engineering or any equivalent branch as laid down in AICTE¹ from a recognised University/Institute. Postgraduate Diploma or Advanced certificate in Mechatronics or any equivalent branch as laid down in AICTE² from a recognized University/Institute will be an added advantage. |
| Work Experience & Essential Knowledge | <ul style="list-style-type: none"> Minimum 08 years of experience working as a technical trainer in Mechatronics or CAD or CAM or CNC Machines or related field in an advanced level skills development institute/or supervising training programs in large scale industry. <p>OR</p> <ul style="list-style-type: none"> Minimum 08 years' experience of working in a supervisory position in Mechatronics or CAD or CAM or CNC Machines or related field in a large-scale industry. Experience in course design, development and assessment will be an advantage. Preference will be given to persons having experience in industrial automation and/ or industry 4.0. |
| Essential Knowledge | |
| <u>Must Have</u> | |
| 1 | Pneumatics and Hydraulics |
| 2 | Electrical and Electronics |
| 3 | CAD and Mechanical Technology |
| 4 | Drives and Motor Control |
| 5 | Automation and Basic Robotics |
| 6 | PLC and Sensors Technology |
| <u>Good to have</u> | |
| 7 | Microcontroller Applications |

¹Notification number F. No. 27/RIFD/Pay/01/2017 – 18.–dated 28 April 2017

²Notification number F. No. 27/RIFD/Pay/01/2017 – 18.–dated 28 April 2017