## INDUSTRY 4.0 DEPARTMENT

### Introduction:-

The **Fourth Industrial Revolution** (**4IR** or **Industry 4.0**) is the ongoing automation of traditional manufacturing and industrial practices, using modern smart technology. Large-scale machine-to-machine communication (M2M) and the internet of things (IoT) are integrated for increased automation, improved communication and self-monitoring, and production of smart machines that can analyze and diagnose issues without the need for human intervention. In this context Industry 4.0 Department is Introducing related Courses for up-skilling of Industry Employees, Engineering graduates etc in cutting edge technologies like Artificial Intelligence(AI),IIOT and Big Data Analytics.

| SI.No. | Name of the course | Duration (Months) | Eligibility | Fees in INR & Batch Size |
|---|---|---|---|---|
| 01 | **Professional Certificate Program In Deep Learning**. | 6 Months | Students/Faculties/Professionals from Science, Technology, Engineering & Mathematics(S.T.E.M) background interested in exploring Deep Learning(A I) Domain.  Fresh Graduates actively Looking for opportunities in Deep Learning (A I ) Domain. | **Rs 36000/- + GST(18%)  Batch Size:20** |
| 02 | **Professional Certificate Program In Predictive maintenance** | 6 Months | Students/Faculties/Industry Professionals from Electrical Engineering.  Fresh Graduates actively Looking for opportunities in Predictive maintenance | **Rs 36000/- + GST(18%)  Batch Size:20** |
| 03 | **Certificate Program in Conditioning Monitoring of Rotary Machines by using AI** | 3 Months | Industry Professionals/Students form EEE/ECE/Mech/production Engineering background &interested in exploring smart Factory Technology.  Fresh Diploma/Graduates from EEE/ECE/Mech/Production Engineering Looking for opportunities in Condition Monitoring Technology | **RS 19500 + GST(18%)  Batch Size:20** |
| 04 | **Certificate Program in Hands On Machine Learning with PYTHON** | 2 Months | Students from EEE/ECE/Mech/CSE/IT Engineering background &interested in exploring smart Factory Technology.  Fresh Graduates from EEE/ECE/Mech/CSE/IT Engineering Looking for opportunities in Industry 4.0 | **RS 15500 + GST(18%)  Batch Size:20** |

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| 05 | **Certificate Program in Hands on Signal Processing Technology** | 1 Month | Students Pursuing Diploma/B.Tech/M.Tech from EEE/ECE/Mech/CSE/IT Engineering background &interested in exploring smart Factory Technology.<br><br>Fresh Graduates from EEE/ECE/Mech/CSE/IT Engineering Looking for opportunities in Industry 4.0 | **RS 6500 + GST(18%)**<br><br>**Batch Size:20** |
| 06 | **MATLAB** | 1 Month | Students Pursuing Diploma/B.Tech/M.Tech from EEE/ECE/Mech/CSE/IT Engineering background &interested in exploring smart Factory Technology.<br><br>Fresh Graduates from EEE/ECE/Mech/CSE/IT Engineering Looking for opportunities in Industry 4.0 | **RS.8260/- (Inl.GST 18%)**<br><br>For SC/ST Candidates fee waiver will be provided as per Govt. of India norms, Registration Fee of Rs.590/- to be paid |
| 07 | **ROBOTIC OPERATING SYSTEM** | 1 Month | Students Pursuing Diploma /B.Tech/M.Tech from EEE/ECE/Mech/CSE/IT Engineering background &interested in exploring smart Factory Technology.<br><br>Fresh Graduates from EEE/ECE/Mech/CSE/IT Engineering Looking for opportunities in Industry 4.0 | **RS.8260/- (Inl.GST 18%)** |