Department of
Business &
Industrial Linkage

Introduction

Department of Business and Industrial Linkage was established in 2001. The establishment of this department is to coordinate between the industries and faculties for students industrial placement. This department is also responsible to manage facilities rental or leased activities and commercial projects. Short courses for industrial workers who are keen to gain extra hands-on knowledge and input are also offered by this department. In return, it will tie a bilateral relationship between the university and the related industries.

Functions

The department provides various services for staff and students such as the following details:

- Manage Student Industry Placement Programme and identify companies/ industries that can accommodate students.
- Identify private government based companies in order to obtain grants/ funds for short-term courses or certificate level programmes.
- Manage UC TATI commercialised projects and rental activities of all UC TATI facilities.
- Enhance existing cooperation between UC TATI and the government and private sectors.
- Identify and obtain commercial projects/consulting works and machining works.

List of Short Courses

1. Conventional – Milling
2. Conventional – Lathe
3. CNC programming- Basic (Turning & Milling)
4. CNC-Milling Basic (practical)
5. CNC-Turning Basic (practical)
6. EDM/wirecut - Basic
7. AUTOCAD - Basic
8. AUTOCAD - Advanced
9. Pro Engineer – Basic
10. Pro Engineer – Advanced
11. Rapid Prototyping
12. Mastercam – Basic
13. Mastercam – Advanced
14. Mould Design
15. Mould Making
16. Injection Moulding
17. Metrology Technique
18. Machine Tool Calibration
19. Pneumatics-Beginners
20. Pneumatics- Advanced
21. Hydraulics-Beginners
22. Hydraulics-Advanced
23. Arduino – Basic
24. Arduino – Advanced
25. Electro – Pneumatic
26. Valve Services and Inspection
27. Plant Instrumentation & Control
28. Programmable Logic Controller – Basic
29. Programmable Logic Controller – Advanced
30. ARM MBED Microcontroller – Basic
31. ARM MBED Microcontroller – Advanced
32. ASNT NDT – Ultrasonic Testing Level II (UTTM)
33. ASNT NDT – Ultrasonic Testing Level II (UTFD)
34. ASNT NDT – Magnetic Particle Testing Level II
35. ASNT NDT – Dye Penetrant Testing Level II
36. Basic Electronic Kit Assembly
37. Solar Kit Assembly
38. Domestic Wiring (Single Phase Installation)
39. Phase Motor Installation
40. YASKAWA Robotic Simulation
41. KUKA Robotic Simulation
42. Universal Testing Machine (Instron)
43. Plastic Technology
44. Water & Waste Water Analysis
45. High Performance Liquid Chromatography (HPLC) Instrumentation
46. Thermal Analysis of Materials (DSC & TGA)
47. Polymer Processing (Blow Film & Extruder)

List of Short Courses

48. Analysis (Mechanical Properties)
49. Engineering
50. Chemistry
51. Certified Network Associate - (CCNA1 –CCNA4)
52. COMPTIA IT Fundamentals
53. COMPTIA A+
54. COMPTIA Network+
55. COMPTIA Security +
56. COMPTIA CTT+
57. CCNA – Level 1
58. CCNA – Level 2
59. CCNA – Level 3
60. CCNA – Level 4
61. Graphic Design (Advertising)
62. Web Development
63. Microsoft Office - Microsoft Excel
64. Microsoft Office - Microsoft Publisher
65. 7 QC Tools
66. English – School Students
67. English – Workers
68. Mathematic Industry

There are two types of people who will tell you that you cannot make a difference in this world: those who are afraid to try and those who are afraid you will succeed - Ray Goforth