Collaboration between Central Tool Room & Training Centre – Kolkata & Maulana Abul Kalam Azad University of Technology, West Bengal

With a view to foster the growth of the SME sector in the country, MSME Tool Room, Kolkata (Central Tool Room & Training Centre), was established under Technical Co-operation Programme between Governments of India and Denmark. MSME Tool Room, Kolkata provides invaluable technological support to the Industry and ensures that Tool Room technology keeps pace with the rapid growth of Industry, which aims at rapid growth of micro, small & medium scale sector. Since the inception of the organization in 1976 the center has been involved in imparting state of the art skill development training to the candidates across the length and breadth of the country. The center possesses world class training facility.

Similarly, to foster the development of technical studies and to achieve excellence in the field of Science and Technology, MAKAUT came into existence. And over the years it has proved its mettle in organizing undergraduate courses of study in Engineering and Technology, especially in emerging areas. The university now affiliates 160 institutions spread over 15 districts of the state of West Bengal. Postgraduate study is being carried out in 30 of them and research is being carried out for the grooming of scientists, engineers and technologists. MAKAUT continuously search new partners in excellence, be it industry or other institutions of higher learning. The University has intimate and collaborative linkages with national and International research institutes, University and the industries.

To cater the students of the University with state-of-the-art training facility in the streams of Mechanical, Electrical, Electronics, Computer Science Engineering, collaboration has been built between CTTC – Kolkata and MAKAUT, West Bengal. This Endeavour will provide the students to delve into the depths of modern-day engineering.

Collaboration between CTTC - Kolkata & MAKAUT, West Bengal

75 Day duration and **30 Day** duration Online / Offline Training Courses for the **Registered students of MAKAUT, West Bengal** , conducted by **MSME Tool Room Kolkata (CTTC - Kolkata).** The course s are offered at a **Twenty Percent (20%)** discounted rate especially for registered students of MAKAUT, West Bengal , compared to the market price, with state of the art training facility.

These courses are available for registered students of MAKAUT; West Bengal only, at a Twenty Percent (20%) discounted Price. **Apart from these courses, if any registered student of MAKAUT intend to undergo any Online / Offline Training Program from the training programs mentioned in the Training Calendar of CTTC - Kolkata (2020 - 2021), he/she will be offered a Twenty Percent (20%) discount on the course fee mentioned in the Training Calendar (2020 - 2021) of CTTC – Kolkata.**

The courses will commence on 1 st and 15 th of every month with a minimum batch size of 20 students. If the batch size criteria does not fulfill on any of the batch commencement date (i.e. 1 st or 15th of every month), then the batch will commence on the next batch commencement date (i.e. if batch f ails to commence on 1 st of any month the batch will commence on 15 th of that month considering batch size criteria fulfils. Similarly, if batch fails to commence on 15th of any month the batch will commence on 1 st of next month considering batch size criteria fulfils.)

The courses designed exclusively for registered students of MAKAUT, WEST Bengal are mentioned below:-

a. <u>**75 DAY COURSES**</u>

Sl. No.	Name of the Course	Duration in Days	Batch Size	No. of Batch	Total Student	MAKAUT Rate /Student (Rs.) (excluding GST)	Market Rate /Student (Rs.) (excluding GST)	Eligibility Criteria (BE/B.TECH Pursuing)
1	Advanced Embedded Technology	75 Days	25	2	50	14,400.00	18,000.00	ECE / EEE / CSE / EIE / EE / ETCE

COURSES

Sl. No.	Name of the Course	Duration in Days	Batch Size	No. of Batch	Total Student	MAKAUT Rate /Student (Rs.) (excluding GST)	Market Rate /Student (Rs.) (excluding GST)	Eligibility Criteria (BE/B.TECH Pursuing)
2	Programming Essential	75 Days	20	2	50	11,520.00	14,400.00	CSE / IT / ECE/ MCA / BCA / ETCE
3	Industrial Automation	75 Days	20	2	40	14,400.00	18,000.00	EEE / ECE / EE / EIE / ETCE
4	CCNA	75 Days	25	2	50	14,400.00	18,000.00	CSE / IT / ETCE / ECE / BCA / MCA
5	Structure Design & Analysis	75 Days	25	2	50	14,400.00	18,000.00	CIVIL
6	Modern Architecture & Modeling	75 Days	25	2	50	11,520.00	14,400.00	CIVIL / ARCH.
7	Basic CAD/CAM	75 Days	25	2	50	11,520.00	14,400.00	ME / AUTOMOBILE
8	Advance CAD/CAM	75 Days	25	2	50	14,400.00	18,000.00	ME / AUTOMOBILE
9	CNC Machining	75 Days	25	2	50	11,520.00	14,400.00	ME

b. 30 DAY COURSES

Sl. No.	Name of the Course	Duration in Days	Batch Size	No. of Batch	Total Student	MAKAUT Rate /Student (Rs.) (excluding GST)	Market Rate /Student (Rs.) (excluding GST	Eligibility Criteria (BE/B.TECH Pursuing)
1	Server Administration	30 Days	20	3	60	3,840.00	4,800.00	CSE / IT / ECE / EIE / ETCE / BCA / MCA
2	Core Python	30 Days	20	3	60	2,400.00	3,000.00	CSE / IT / ECE / EIE / ETCE / BCA / MCA
3	Oracle (PL/SQL)	30 Days	20	3	60	2,400.00	3,000.00	CSE / IT / ECE / EIE / ETCE / BCA / MCA
4	PCB Design	30 Days	20	3	60	2,400.00	3,000.00	ETCE / ECE / EE / EEE / EIE
5	PLC	30 Days	20	3	60	3,840.00	4,800.00	ETCE / ECE / EE / EEE / EIE

Sl. No.	Name of the Course	Duration in Days	Batch Size	No. of Batch	Total Student	MAKAUT Rate /Student (Rs.) (excluding GST)	Market Rate /Student (Rs.) (excluding GST	Eligibility Criteria (BE/B.TECH Pursuing)
6	SCADA	30 Days	20	3	60	2,400.00	3,000.00	ETCE / ECE / EE / EEE / EIE
7	Autocad Electrical	30 Days	20	3	60	2,400.00	3,000.00	ETCE / ECE / EE / EEE / EIE
8	Core Java	30 Days	20	3	60	2,400.00	3,000.00	CSE / IT / ECE / EIE / ETCE / BCA / MCA
9	VLSI	30 Days	20	3	60	3,840.00	4,800.00	ETCE / ECE / EE / EEE / EIE
10	Lab View	30 Days	20	3	60	3,840.00	4,800.00	ETCE / ECE / EE / EEE / EIE
11	Micro-Controller Programming	30 Days	20	3	60	4,800.00	6,000.00	ETCE / ECE / EE / EEE / EIE
12	Robotics	30 Days	20	3	60	4,800.00	6,000.00	ETCE / ECE / EE / EEE / EIE
13	IoT	30 Days	20	3	60	3,840.00	4,800.00	ETCE / ECE / EE / EEE / EIE
14	Hydraulics & Pneumatics	30 Days	20	3	60	2,400.00	3,000.00	ME / ETCE / ECE / EE / EEE / EIE
15	Autocad Civil	30 Days	20	3	60	3,360.00	4,200.00	CIVIL / ARCH.
16	Revit Architecture	30 Days	20	3	60	3,840.00	4,800.00	CIVIL / ARCH.
17	STAAD Pro V8i	30 Days	20	3	60	3,840.00	4,800.00	CIVIL / ARCH.
18	3Ds Max	30 Days	20	3	60	3,360.00	4200.00	CIVIL / ARCH.
19	Advanced Survey Instrument	30 Days	20	3	60	3,840.00	4,800.00	CIVIL / ARCH.`
20	Autocad Mechanical	30 Days	20	3	60	3,360.00	4,200.00	ME / AUTOMOBILE / AEROSPACE ENGG.
21	Solid Works	30 Days	20	3	60	3,840.00	4,800.00	ME / AUTOMOBILE / AEROSPACE ENGG.
22	Creo 5.0	30 Days	20	3	60	3,840.00	4,800.00	ME / AUTOMOBILE / AEROSPACE ENGG.
23	Master Cam	30 Days	20	3	60	3,840.00	4,800.00	ME / AUTOMOBILE
24	Catia	30 Days	20	3	60	3,840.00	4,800.00	ME / AUTOMOBILE / AEROSPACE ENGG.

COURSES

Sl. No.	Name of the Course	Duration in Days	Batch Size	No. of Batch	Total Student	MAKAUT Rate /Student (Rs.) (excluding GST)	Market Rate /Student (Rs.) (excluding GST	Eligibility Criteria (BE/B.TECH Pursuing)
25	NX / Unigraphics	30 Days	20	3	60	3,840.00	4,800.00	ME / AUTOMOBILE / AEROSPACE ENGG.
26	3D Scanning & 3D Printing	30 Days	20	3	60	3,840.00	4,800.00	ME / AUTOMOBILE
27	CNC Programming Lathe	30 Days	20	3	60	2,400.00	3,000.00	ME
28	CNC Machining Lathe	30 Days	20	3	60	3,840.00	4,800.00	ME
29	CNC Programming Milling Lathe	30 Days	20	3	60	3,840.00	4,800.00	ME
30	CNC Machining Milling	30 Days	20	3	60	3,840.00	4,800.00	ME
31	CNC Machining	30 Days	20	3	60	3,840.00	4,800.00	ME

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