



भारत सरकार की सोसाईटी
A GOVERNMENT OF INDIA SOCIETY

वैद्युतिक मापन उपयंत्र अभिकल्प संस्थान

Institute for Design of Electrical Measuring Instruments

स्वातंत्र्यवीर तात्या टोपे मार्ग, चुनाभट्टी, सायन टाकघर, मुंबई-400 022.

SWATANTRAYAVEER TATYA TOPE MARG, CHUNABHATTI, SION P.O. MUMBAI - 400 022.

No. IDEMI/D-450/2007 (414)

September 21 2007

Mr.W.M.S.Pariat
Principal Secretary (Information Technology)
Government of Meghalaya
Shilong
Meghalaya State - 793001

5978

Fax : 0364-2226349

Ref.: Our letter No. IDEMI/D-450/2007-08/3342 dt.18/7/2007

Sub.: Training for Upgrading Employment Opportunity for North Eastern Technical Students

Dear Sir,

Kindly refer the discussion you had with undersigned regarding the training for upgrading the Employment Opportunity for North Eastern Technical Students. We have received the letter from Ministry of Development North Eastern Region (letter No. 10/15/2007/CB&A dt.26/6/2007) to conduct the various training programmes under the scheme. We are enclosing list of approved training programmes given by DoNER, along with the detail schedule, state wise intake capacity (Annexure A) and eligibility criteria for each course (Annexure B).


We are planning to start the courses tentatively between 10th to 30th October 2007 at IDEMI, Mumbai. Kindly note that the student has to submit the following documents while taking the admission in the courses :

- 1) Original Mark sheet or Certificate as a proof of educational qualification & xerox.
- 2) 3 passport size recent photographs
- 3) Police verification certificate from respective state.
- 4) Selection or Nomination letter by respective authority/Department from your state.

Fee structure is given in Annexure 'B' for individual student wise and state wise per student. We will try to accommodate all the students in our premises however for some students we will make the staying arrangements may be in the suburban or surrounding area. Traveling expenses for local transport will be borne by individual student. However, we will help in getting the accommodation and lunch & dinner arrangements. 90 % of course fee will be paid by DoNER. 5 % of course fee will be paid by individual student & rest of the 5 % fee will be paid by respective State. Payment can be made by D.D. drawn in favour of IDEMI, payable at Mumbai while taking the admission.

Eligibility criteria for all the course is given in Annexure - C. Duration is mentioned in this annexure is maximum. You may publish the advertisement in the local news papers as other North East states had done & fix up one date for the interview & we will select the students for the course. May I request you to kindly co-operate.

Thanking you,


(PRADEEP GUJARATHI)
ASST. DIRECTOR (TRG.)

Encl.: As above

ANNEXURE - 'A'

List of training programme and state wise break up participants

Sl. No.	Name of the course	Duration	Seats offered	State wise break up
1.	Post Graduate Diploma in Tool Design & CAD / CAM	1 year	20	Assam- 5 Tripura- 3 Sikkim- 2 Nagaland- 2 Meghalaya-2 Manipur - 2 Mizoram- 2 Arunachal Pradesh - 2
2.	Post Diploma in Tool Design & CAD / CAM	1 year	20	Assam- 5 Tripura- 3 Sikkim- 2 Nagaland- 2 Meghalaya-2 Manipur - 2 Mizoram- 2 Arunachal Pradesh - 2
3.	Post Diploma in CAD / CAM	1 year	20	Assam- 5 Tripura- 3 Sikkim- 2 Nagaland- 2 Meghalaya-2 Manipur - 2 Mizoram- 2 Arunachal Pradesh - 2
4.	Master CAM and CNC Programming & Machining	6 months	20	Assam- 5 Tripura- 3 Sikkim- 2 Nagaland- 2 Meghalaya-2 Manipur - 2 Mizoram- 2 Arunachal Pradesh - 2
5.	Certificate in CNC Machinist	3 months	20	Assam- 5 Tripura- 3 Sikkim- 2 Nagaland- 2 Meghalaya-2 Manipur - 2 Mizoram- 2 Arunachal Pradesh - 2

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6.	Workshop Technology (Turning / Milling / Fitting / Advance Machining)	6 months	20	Assam- 5 Tripura- 3 Sikkim- 2 Nagaland- 2 Meghalaya-2 Manipur - 2 Mizoram- 2 Arunachal Pradesh - 2
7.	Post Diploma in Industrial Automation	3 months	20	Assam- 5 Tripura- 3 Sikkim- 2 Nagaland- 2 Meghalaya-2 Manipur - 2 Mizoram- 2 Arunachal Pradesh - 2
8.	Post Diploma in Mechatronics	1 year	20	Assam- 5 Tripura- 3 Sikkim- 2 Nagaland- 2 Meghalaya-2 Manipur - 2 Mizoram- 2 Arunachal Pradesh - 2
9.	Computer Hardware, Maintenance, Installation, Networking & Multimedia	1 month	20	Assam- 5 Tripura- 3 Sikkim- 2 Nagaland- 2 Meghalaya-2 Manipur - 2 Mizoram- 2 Arunachal Pradesh - 2
10.	Computer Software (MS - Office, Tally & Foxpro)	1 month	20	Assam- 5 Tripura- 3 Sikkim- 2 Nagaland- 2 Meghalaya-2 Manipur - 2 Mizoram- 2 Arunachal Pradesh - 2

11.	Diploma in Software Programming	3 months	20	Assam- 5 Tripura- 3 Sikkim- 2 Nagaland- 2 Meghalaya-2 Manipur - 2 Mizoram- 2 Arunachal Pradesh - 2
12.	Advance Embedded Technology	2 months	20	Assam- 5 Tripura- 3 Sikkim- 2 Nagaland- 2 Meghalaya-2 Manipur - 2 Mizoram- 2 Arunachal Pradesh - 2
13.	VLSI System Design using FPGAs/ CPLDs	3 months	20	Assam- 5 Tripura- 3 Sikkim- 2 Nagaland- 2 Meghalaya-2 Manipur - 2 Mizoram- 2 Arunachal Pradesh - 2
14.	Advance Computer Networking	2 months	20	Assam- 5 Tripura- 3 Sikkim- 2 Nagaland- 2 Meghalaya-2 Manipur - 2 Mizoram- 2 Arunachal Pradesh - 2
15.	Advance Animation & Film Making	1 year	20	Assam- 5 Tripura- 3 Sikkim- 2 Nagaland- 2 Meghalaya-2 Manipur - 2 Mizoram- 2 Arunachal Pradesh - 2
16.	Classical Animation	6 months	20	Assam- 5 Tripura- 3 Sikkim- 2 Nagaland- 2 Meghalaya-2 Manipur - 2

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				Mizoram-2 Arunachal Pradesh - 2
17.	Web Designing & Developing	2 months	20	Assam- 5 Tripura- 3 Sikkim- 2 Nagaland- 2 Meghalaya-2 Manipur - 2 Mizoram- 2 Arunachal Pradesh - 2
18.	MAYA 8	6 months	20	Assam- 5 Tripura- 3 Sikkim- 2 Nagaland- 2 Meghalaya-2 Manipur - 2 Mizoram- 2 Arunachal Pradesh - 2
19.	Film Making (Editing)	3 months	20	Assam- 5 Tripura- 3 Sikkim- 2 Nagaland- 2 Meghalaya-2 Manipur - 2 Mizoram- 2 Arunachal Pradesh - 2
	Total		380	

1) 2 student from Meghalaya for each course

2) Total 19 courses so 38 students to be selected from Meghalaya

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INSTITUTE FOR DESIGN OF ELECTRICAL MEASURING INSTRUMENTS, MUMBAI (TRAINING CENTRE)

The Courses offered with details
(Annexure B)

Sr. No.	Name of the Course	Duration	Course Fees (Rs.)	Lodging & Boarding charges (Rs.)	Total Amount (Rs.)	Contribution by DoNER 90% of Total cost (Rs.)	Contribution by State Govt. 5% of Total cost (Rs.)	Fees to be borne by candidate 5% of Total cost (Rs.)
1.	Post Graduate Diploma in Tool Design & CAD / CAM	12 months	65,000/-	18,000/-	83,000/-	74,700/-	4,150/-	4,150/-
2.	Post Diploma in Tool Design & CAD / CAM	12 months	65,000/-	18,000/-	83,000/-	74,700/-	4,150/-	4,150/-
3.	Post Diploma in CAD / CAM	12 months	50,000/-	18,000/-	68,000/-	61,200/-	3,400/-	3,400/-
4.	Master CAM and CNC Programming & Machining	6 months	30,000/-	9,000/-	39,000/-	35,100/-	1,950/-	1,950/-
5.	Certificate in CNC Machinist	3 months	15,000/-	4,500/-	19,500/-	17,550/-	975/-	975/-
6.	Workshop Technology (Turning / Milling / Fitting / Advance Machining)	6 months	20,000/-	9,000/-	29,000/-	26,100/-	1,450/-	1,450/-
7.	Post Diploma in Industrial Automation	3 months	30,000/-	4,500/-	34,500/-	31,050/-	1,725/-	1,725/-
8.	Post Diploma in Mechatronics	12 months	65,000/-	18,000/-	83,000/-	74,700/-	4,150/-	4,150/-
9.	Computer Hardware, Maintenance, Installation, Networking & Multimedia	1 month	5,000/-	1,500/-	6,500/-	5,850/-	325/-	325/-
10.	Computer Software (MS - Office, Tally & Foxpro)	1 month	5,000/-	1,500/-	6,500/-	5,850/-	325/-	325/-
11.	Diploma in Software Programming	3 months	25,000/-	4,500/-	29,500/-	26,550/-	1,475/-	1,475/-
12.	Advance Embedded Technology	2 months	25,000/-	3,000/-	28,000/-	25,200/-	1,400/-	1,400/-
13.	VLSI System Design using FPGAs / CPLDs	3 months	45,000/-	4,500/-	49,500/-	44,550/-	2,475/-	2,475/-
14.	Advance Computer Networking	2 months	25,000/-	3,000/-	28,000/-	25,200/-	1,400/-	1,400/-
15.	Advance Animation & Film Making	12 months	60,000/-	18,000/-	78,000/-	70,200/-	3,900/-	3,900/-
16.	Classical Animation	6 months	45,000/-	9,000/-	54,000/-	48,600/-	2,700/-	2,700/-
17.	Web Designing & Developing	2 months	10,000/-	3,000/-	13,000/-	11,700/-	650/-	650/-
18.	MAYA 8	6 months	25,000/-	9,000/-	34,000/-	30,600/-	1,700/-	1,700/-
19.	Film Making (Editing)	3 months	25,000/-	4,500/-	29,500/-	26,550/-	1,475/-	1,475/-

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INSTITUTE FOR DESIGN OF ELECTRICAL MEASURING INSTRUMENTS, MUMBAI (TRAINING CENTRE)

Annexure 'C'

The Courses offered with details

Sr. No.	Name of the Course	Eligibility (Minimum Qualification)	Method of Selection	Maximum Duration	Syllabus
1.	Post Graduate Diploma in Tool Design & CAD / CAM	Degree in Mechanical / Prod./ Automobile Engg.	Oral Examination	1 year	Design Practices, Material Inspection, Process Planning, Dimensional Metrology, Design of Metal forming Tools, Metal Cutting Tools, Die-Casting Dies, Moulds for Plastic, Forging Dies, Jigs, Fixtures & Gauges, Auto Cad, Pro-E, Master Cam, CNC Programming & Machining.
2.	Post Diploma in Tool Design & CAD / CAM	Diploma in Mechanical / Automobile Engg.	Oral Examination	1 year	Design Practices, Material Inspection, Process Planning, Dimensional Metrology, Design of Metal forming Tools, Metal Cutting Tools, Die-Casting Dies, Moulds for Plastic, Forging Dies, Jigs, Fixtures & Gauges, Auto Cad, Pro-E, Master Cam, CNC Programming & Machining.
3.	Post Diploma in CAD / CAM	Diploma in Mech. / Prodn./ Auto./ Mechatronics / Plastics / Tool & Die Making	First come first basis	1 year	Auto Cad, PRO-E, Master Cam, CNC Programming & Machining and CATIA or UG



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Sr. No.	Name of the Course	Eligibility	Method of Selection	Duration	Syllabus
4.	Master CAM and CNC Programming & Machining	Diploma in Mech. / Prodn. / Auto. / Mechatronics / Plastics / Tool & Die Making & ITI with 2 years experience	First come first basis	6 months	Introduction to Master Cam, 2D Drafting, Modify & X-Farm, Concept of 3D, Wire Frame Modeling, Surface Modeling, Editing of Sources, Solid Modeling, Editing of Solids, 2D Machining, Introduction to CNC Technology, Geometrical Basics for CNC Mach., Technological Basics of CNC Mach., Programming Introduction to CNC, Pocket & 3D Surface of Tool Paths Roughing, 3D & Surface Tool Path Finishing, Solid Tool Path & Program Generation, CNC Programme Generation & Transfer to Machine.
5.	Certificate in CNC Machinist	ITI (Machinist / Turner / Grinder / Fitter)	First come first basis	3 months	Introduction to CNC Technology, Geometrical Basics for CNC Mach., Technological Basics of CNC Mach., 3D & Surface Tool Path Finishing, Solid Tool Path
6.	Workshop Technology (Turning / Milling / Fitting / Advance Machining)	10 th Pass	First come first basis	6 months	Milling, Turning, Grinding, CNC Programming & Machining, Advance Machining Skills in Turning & Milling
7.	Post Diploma in Industrial Automation	Diploma / Degree in any Engg. field	Oral Examination	3 months	Electrical Automation, Electronic Automation, AC Motors & Drive, Automation Ladder Logics, PLC, HMI & SCADA, Pneumatic & Hydraulics, Energy Conservation, Process Instrumentation
8.	Post Diploma in Mechatronics	Diploma / Degree in any Engg. field	Oral Examination	1 year	Basics of Computer System, Modeling and Simulation, Signals, Systems and Controls, Sensors, Transducers and actuating devices, Information System

Sr. No.	Name of the Course	Eligibility	Method of Selection	Duration	Syllabus
9.	Computer Hardware, Maintenance, Installation, Networking & Multimedia	10 th Pass	First come first basis	1 month	Configuration of PCB & motherboards (P1 to P4), Installation of Operating Systems, Multimedia Systems(Window 98 & Window XP), Scanner, Printer, Windows XP Professionals, NTFS Partition, Introduction to Networking, CMOS set up, Hardware & Software troubleshooting etc.
10.	Computer Software (MS – Office, Tally & Fox pro)	10 th Pass	First come first basis	1 months	MS Office (Word, Excel, Power Point), Fox-Pro, Tally
11.	Diploma in Software Programming	12 th Pass	First come first basis	3 months	Core JAVA, C, C++, Advanced JAVA, ASP.NET, HTML, Oracle 9i, VB Net.
12.	Advance Embedded Technology	12 th (Science) Pass	First come first basis	2 months	Micro-controller : 8051 Architecture, Proteus Software : Circuit Design, Keil Cross Compiler, CPLD and FPGA : Programming and Design, Digital Camera Design : Case Study, VHDL Primer
13.	VLSI System Design using FPGAs / CPLDs	Diploma / Degree in Electronics / Electrical / Instrumentation	First come first basis	3 months	Advance Digital Systems Design, High Level Digital Design Using HDL's, Fundamental's of CPLD Design, Fundamental's of FPGA Design
14.	Advance Computer Networking	12 th Pass	First come first basis	2 months	Computer Networking Fundamentals, Topologies, TCP/IP Protocol Suite, Sub-netting, Super-netting, Windows Server 2003.

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Sr. No.	Name of the Course	Eligibility	Method of Selection	Duration	Syllabus
15.	Advance Animation & Film Making	12 th Pass	First come first basis	1 year	Principals of Animation, Layout Drawings, Maya 8, Flash 8, 3 D Max, Adobe Aftereffect, Adobe Premier pro 2.0, Adobe Photoshop Cs2, Corel Draw 12, Swish Max, Encore DVD, Adobe Audition, Virtual DJ, VCD/DVD Cutter
16.	Classical Animation	12 th Pass	First come first basis	6 months	Animation Drawing Concepts, Storyboard Writing, Developing In between, Writing Exposure Charts, Graphic Designing
17.	Web Designing & Developing	12 th Pass	First come first basis	2 months	Dreamweaver, Flash Mx, Adobe Photoshop, Swish Mx, F.T.P., Java Scripting, Web Designing, Creating your own website
18.	MAYA 8	12 th Pass	First come first basis	6 months	Modeling, Texturing, Rigging, Animation, Dynamics
19.	Film Making (Editing)	12 th Pass	First come first basis	3 months	Story Board Planning, Script, Source Clip Capturing and Importing, Editing Video, Adding Transition, Sound Mixing, Title Creation, Super Imposing & composing, Animation a clip, Applying Effects, CD-DVD Authoring Capturing, Final DVD, Troubleshooting.