

ALL INDIA COUNCIL FOR TECHNICAL EDUCATION
Data Sheet for extension of approval (UG/PG Courses) beyond the academic year 2009-10

Part: 1 Information to be filled by concerned institutions (to be filled by the institution and attached with compliance report)

I. Institutional Information:

Region : State : **Delhi**

F. No

Programme : Degree UG/PG courses

Name of the Institution & Address.	Location	Temporary /Permanent Acres 8.795	Category		Accreditation Status			Status	
			> 10 yrs		YES	√	NO		
Maharaja Agrasen Institute of Technology PSp Area, Sector-22, Rohini, Delhi -110085 Phone: 011-65151163, 27581796 Fax : 011-27589095 Email : mait@mait.ac.in Web site: www.mait.ac.in	Land							Government	
	Mega		5 to 10 yrs	√	Accreditation w.e.f ECE and MAE branch have been Accredited by AICTE on 4th May 2007 for 03 years			Self- financing	√
	Metro	√				Date:	Yrs.	Univ. Dept.	
	Others		< 5 Yrs		4 th May		2007	Govt. Aided	
	Year of first AICTE Approval:		765-61-208(E)/ET/99 9 th September 1999		Date of last Expert Committee Visit :	June 30, 2009		Minority	
							Women		

Name of the Head of the Institution	Prof. (Dr.) M.L. Goyal				
Designation	Director	Qualification: Ph.D . Experience : 36 yrs	Highest Degree Ph.D	Specialization (Computer Science)	Total Experience 36 yrs
		Date of Birth: 24.11.1948 PAN No.			
STD Code	011	Phone No. (O) 65151163	Fax No.	011-27582095	
STD Code	011	Phone No. (R)	Fax No.		
E-Mail	mlgoyal@gmail.com	Mobile No. : 09810293264	Date of joining the institution: 11 th Sep. 2008		

II. Approved Programme(s) & Faculty Details:

S. No.	Name of the Course	Yr. of first approval	Accreditation Status (Alongwith Date of Validity)	PIO		Sanctioned intake 2006-07 I	Sanctioned intake 2007-08 II	Sanctioned intake 2008-09 III	Sanctioned intake 2009-10 IV	Actual Admissions 08-09	Excess Admissions (if any)	Total I+II+III	Faculty Req.	Faculty Available for existing courses								
				Sanctioned	Adm.									P		AP		L		Total	Shortfall	
														Ph.D	PG	Ph.D	PG	UG	PG		No.	%
Refer para 9 (i) of Compliance Report													Refer Appendix –C of Compliance Report									

Whether PAN No. of all faculty members had been indicated by the Institution in the Compliance Report: **yes** **NO**

III. Built-up Area:

Building

1. Available Built up area per student : More than the required norms

2. Total Built up Area for the existing programme(s)

Particulars	Area required as per norms (Sq.M)		Building with RCC Roof (Sq.M)	Building with Sheet Roof (if suitable for Educational Institution) (Sq.M)	Total sanctioned intake (last 4 yrs. for Engg./Pharmacy/ HMCT/ Arch. etc. 2 yrs. MBA/ PGDBM and 3 yrs. for MCA)	Built up area per student	Total Area Available (Sq.M)
	B.Tech	MBA					
Instructional Area (Carpet Area)	6	5	17570.112	NIL	B.Tech 1800	11.7= 21060	
Administrative Area (Carpet Area)	1	1	1918.000	NIL	MBA : 120	120x10.4= 1248	
Amenities (Carpet Area)	2	2	5465.240	NIL			
Circulation & Others	2.7	2.4	Part of the area above	NIL			
Total	11.7	10.4	24953.352	NIL		22308.00	*24953.352

Auditorium measuring 2350 sqmt. is in advance stage of completion

Instructional Area for the existing programme(s)

Particulars	of rooms	Carpet area of each room
-------------	----------	--------------------------

	Requirement as per norms	Available in the institution	Requirement as per norms	Available in the Institution (Sq.M)
Class Rooms	22	22	72	1872
Tutorial Hall	19	19	36	684
Drawing Hall (*)	1	02	72, 170	242
Computer Centre	1	12	72	864
Library	1	1	72, 170	1206
Laboratories & workshops	2	35 labs 35x72 } 3x170 1x250+1x430 1x170	170, 72, 420	35 x 72+3x170 1x250+1x430+1x170=3880
Total	46			8748

Computer Facilities for the existing programme(s)

INTERNET FACILITY

S.No.	Particulars	Requirements as per Norms (1:4 for Engg., 1:6 for Pharmacy/ HMCT/Arch./Applied Arts and 1:2 for MBA/MCA)	Availability
1.	No. of Computer Terminals		631
2.	Hardware Specification		
	• Server/P-IV/Latest Configuration		631
3.	No of terminals of LAN/WAN		All Terminals 631
4.	Relevant Legal Software	Application	Application
		System	System
			Details
			Details given

	<ul style="list-style-type: none"> ○ Symantec Antivirus ○ Trend Micro Ent. Suite ○ KasperSky Internet Security 6.0 ○ PCCELIEN ○ McAfee AVSS ○ Macromedia Flash MX ○ Macromedia Studio MX ○ Oracle 9i, 10g ○ MySQL (Open SW)) ○ MSDN Academic Alliance 7.0 Win 32 Engg. ○ Kaspersky Business Space Security (500 users).
Project Development & Management	<ul style="list-style-type: none"> ○ Visual Studio 6.0 Pro. & Ent. Version ○ Visual Studio .NET ○ Oracle Internet Developer Suite ○ Rational Enterprise Suite (Seed Pkg.) ○ Maya Unlimited 6.5 ○ Maya Unlimited 8.5 ○ cPanel & WHM 11 ○ PRAMATI STUDIO & SERVER (J2EE Development Tool)
<ul style="list-style-type: none"> • Others 	<p style="text-align: center;"><u>SOFTWARE HELD WITH EEE DEPARTMENT</u></p> <p>1. ETAP(5.5.6 Version) Software - Power System Simulation</p> <p>Modules :</p> <ul style="list-style-type: none"> ○ Load Flow Studies ○ Short Circuit Analysis ○ Harmonic Analysis

		<ul style="list-style-type: none"> ○ Transient Analysis ○ Stability Analysis etc
2.	Lab View(8.5 Version) Software(Real	- Advance Instrumentation
		<p>Time Data Simulation Software) Modules :</p> <ul style="list-style-type: none"> ➤ Embedded Design ➤ Control Design and Simulation ➤ Image and Signal Processing ➤ Industrial Monitoring and Control ➤ Software Development ➤ Development Report Generation & Data Storage
3.	PSIM(6.0 Version)	- Power Electronics
		<ul style="list-style-type: none"> □ With PSIM's interactive simulation capability, we can change parameter values and view voltages/currents in the middle of a simulation. It is like having a virtual test bench running on your computer. □ We can design and simulate digital power supplies using PSIM's Digital Control Module. The digital control can be implemented in either block diagram or custom C code. □ PSIM has a built-in C compiler which allows us to

<p>Relevant Legal Software</p>	<p>enter your own C code into PSIM without compiling. This makes it very easy and flexible to implement your own function or control methods.</p> <ul style="list-style-type: none"> □ We can use the Thermal Module to calculate semiconductor device losses (conduction losses and switching losses) based on the device information from manufacturers' datasheet. <p>4. MAT LAB(6.1 Version) -Advance Control System , Control Engg., Electrical Science, Circuit & Systems</p> <p>5. LADSIM - UEE Lab</p> <ul style="list-style-type: none"> • LADSIM - Ladder Logic Editor and • Programmable Logic Controller Simulator • LADSIM is a fully-functional Ladder Logic • Editor and PLC Simulator that incorporates all • the basic functions used in PLC Programming <p style="text-align: center;"><u>SOFTWARE HELD WITH MAE DEPARTMENT</u></p> <p>Mechanical CAD :</p> <ul style="list-style-type: none"> • AutoCAD 2000 & 2002 & 2008
---------------------------------------	--

<p>Application Software</p>	<ul style="list-style-type: none"> • ProEngineer 2001 • Ladsim • Bytronic (MAB) • PLC Cross Talk SW • CNC Train • Mechatronics • Robotics • Workspace • Esprit CAM • MAT LAB • Solid works <p style="text-align: center;"><u>SOFTWARE HELD WITH ECE DEPARTMENT</u></p> <ul style="list-style-type: none"> ○ Tanner 9.2 (S- Edit and L-Edit) ○ Maxplus-II 10.2 and Quartus II 2.2 (VHDL simulator and synthesizer)from Altera ○ Xilinx 4.1(VHDL simulator and synthesizer) ○ FPGA Express(verilog simulator)/FPGA synthesizer) from Aldec ○ Orcad 9.1 (VHDL simulator) ○ Multisim 2001 ○ Comsim 2001 ○ MATLAB 6.1 ○ Signal processing toolbox 5.1 ○ Filter Design Toolbox 2.1 ○ Simulink 4.1 ○ DSP Blockset 4.1
<p>System & Application Software</p>	<p>Library SoftLink</p> <p>Accounts Tally 6.3 eis</p>

S.No	Course(s)	Number of titles of the books	of volumes	Journals	
				National	International
1	CSE/IT	980	4244	27	10
2	ECE/EE	148	2584		
3	MAE	1200	5135		
4	EEE	525	4011		
5	MAE	984	3080		

Subscribed e-Journals i.e. 280+37

IV. Whether the institution is running unapproved programmes / including in Malpractices such as violation of norms, charging of excess fees, capitation fees or any other type of complaint. **No**

V. Whether the Institute hosted its Mandatory Disclosure on the website : Yes **Date of updating the website: 1st April 2009**
If **YES**, provide website address: **http:// www. mait.ac.in**

VI. Details of compliance of deficiencies communicated in the last approval letter.

Deficiencies Communicated	Compliance submitted by the Institution
Sr. Level faculty in cadre ratio in respect of MBA programme as per AICTE norms should be appointed	Complied with

All the information furnished above has been filled up as per the compliance report and the annexed documents.

(Prof. M. L. Goyal)
Director

ANNEXURE-3**LIBRARY FACILITY**

S.No	Course(s)	Number of titles of the books	Number of volumes	Journals	
				National	International
1	CSE/IT	984	3679	02	03
2	ECE/EE	1260	6126	05	10
3	MAE	560	2971	06	01
4	Management	269	1980	56	01
5	Others	1078	3489	23	00
6	Reference		137		