

About Us

Army Institute of Management & Technology (AIMT) is a premier MBA Institute in Greater Noida (NCR) near Delhi. It was established by the Army Welfare Education Society (AWES) in 2004 in the hi-tech city of Greater Noida. The forerunner of the Institute was Faculty of Management Studies (FOMS), College of Materials Management (CMM), Jabalpur which was set up in summers of 1995. In a span of about ten years, FOMS carved a niche for itself and became a reputed business institution. In 2004 the college relocated and re-established itself with a new identity and a new name in the plush and quite environs of Greater Noida (NCR).

AWES has so far established 134 Army Schools and 11 professional colleges. Designed to capture the increasing needs of industry for Management professionals and for the benefit of the wards of Army personnel, a sprawling new campus of the Institute was constructed over an area of 15.34 acres 41kms from Delhi.

AIMT, Greater Noida has been established to conduct MBA program in a fully residential campus. The first batch of students joined the institute in Aug, 2004. The institute is affiliated to the Guru Gobind Singh Indraprastha University (GGSIP), Delhi. The campus can accommodate nearly 500 students at its peak capacity. The institute is set to become one of the premier professional colleges of the country. Equipped with all modern learning tools/facilities, the fraternity aims to provide top class management and education to the students. The college has tiered seating with AC lecture halls for better visibility. Also the campus encloses a residential complex to house its entire teaching and non-teaching staff.

Objective of the Programme

Business Analytics (BA) is one of the main functional areas in all organizations. Today, there is an increased demand for professionals with awareness of this topic. Many universities across the country have introduced Business Analytics as a subject in UG & PG curriculum especially in management and engineering disciplines. This FDP will introduce the academic community to case study based understanding of various analytics concepts with hands on using tools like Excel and R. The FDP will also provide a platform for faculty members and researchers to have understanding of Excel, R and implementation of BA using both. It will also provide a platform to interact and share their understanding of analytics domain. The distinctive feature of this FDP is in its pedagogy, the use of case studies to understand how theory is being put to practice. Teaching BA with case studies will help to actively engage students and also make them understand applications of various statistical and operations research techniques.

Intended Participants

1. Faculty members who teach and those aspiring to teach Business Analytics.
2. Research scholars who are planning to do dissertation in the area of Business Analytics.
3. Working professionals.

Essentials for Participants

- Laptop installed with MS-Office 2013 or higher versions, Latest version of R and R studio (Open Source Software), SPSS 21.
- Link for R software download:
<https://cran.r-project.org/bin/windows/base/R-3.5.0-win.exe>
- Link for R studio download:
<https://www.rstudio.com/products/rstudio/download/>

Programme Schedule

S.NO.	TOPIC	SESSION/ TIME
DAY 1 (Basics Of Excel)		
1	Registration	9:00 – 9:30 am
2	Basic working with Excel sheet, Understanding paste special options and various menus, formatting data and data entry restrictions	9:30-11:00 am
3	IF function usage, built-in functions – Numerical, date, text and time functions	11:30-1:30 pm
4	Sorting, filtering, Charts and its implementations, data import and export. Printing sheets	2:30 – 4:30 pm
DAY 2 (Advanced Excel)		
5	Index, Match, Find, Vlookup and Hlookup	9:30-11:00 am
6	Pivot Table, Macros and Sheet protection	11:30-1:30 pm
7	Fundamentals of Analytics, Central Limit Theorem, Descriptive Statistics, data cleaning and coding, Hands on using Excel	2:30-4:30 pm
DAY 3 (Business Analytics)		
8	Different types of Hypothesis testing, (parametric and non-parametric), Confidence Interval, ANOVA	9:30-11:00 am
9	Regression – Simple, Multiple and Multivariate (Quantitative and Categorical variables)	11:30-1:30 pm
10	Introduction to R and Hands on for the session 6 to 8 in R	2:30-4:30 pm
DAY 4 (Business Analytics using Excel and R)		
11	Multi-collinearity identification, Significance of the model and variables, Heteroscedasticity identification and fixing	9:30-11:00 am
12	Time series analysis, Moving Average, Exponential Smoothing, Identifying and removing outliers	11:30-1:30 pm
13	Practice sessions of 11 and 12 in R	2:30-4:30 pm
DAY 5 (Business Analytics using Excel and R)		
14	Factor Analysis using SPSS	9:30 – 11:30 pm
15	Industry input on analytics	12:00-1:30 pm

Important dates

Last Date of registration: May 12, 2018

Dates of FDP : May 14-18, 2018

Registration Fees

Industry professionals	Rs. 3,500
Faculty	Rs. 3,000
Research Scholars / Students	Rs. 1,500

Note : The fee includes meals provided during the session.

Registration details

Mode of payment : NEFT / Cheque / DD

Cheque or DD may please be drawn in favor of "Army Institute of Management & Technology", Greater Noida.

Bank Account Details for NEFT:

NAME	ARMY INSTITUTE OF MANAGEMENT & TECHNOLOGY COLLEGE FUND
BANK NAME	ORIENTAL BANK OF COMMERCE
BRANCH	IEML, GREATER NOIDA, UTTAR PRADESH
A/C TYPE	SAVING
A/C NO	12282191095231
IFSC CODE	ORBC0101228
MICR CODE	0361341

Registration Form



ARMY INSTITUTE OF MANAGEMENT & TECHNOLOGY, GREATER NOIDA

FDP on Business Analytics using Excel and R

(May 14-18, 2018)

Registration Form

Name of the Participant: _____

Type of Participant (Tick one)

Industry () Academician () Research Scholar ()

Designation: _____

Organization: _____

Address: _____

City: _____ Pin: _____ Phone (O): _____

_____ (R): _____

(M): _____ Fax: _____ Email: _____

Payment Details towards Registration Fee **

Enclosed DD/ Cheque No. _____ Dated _____ for Rs.
_____ drawn

In favour of _____ payable at
_____.

** Fee is payable by DD/Crossed Cheque in favor of "Army Institute of Management & Technology", Greater Noida.

Each delegate shall fill in a separate form.

** Kindly send your DD/Crossed Cheque enclosed in an envelope addressed to
The Registrar,
Army Institute of Management and Technology,
Plot No.-M-1, Pocket -P-5,
Greater Noida-201306.

Army Institute of Management and Technology

Plot No.- M-1, Pocket-P-5,

Greater Noida-201306

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