सीनेट की आवश्यक बैठक (38वीं) बैठक का कार्यवृत्त

MINUTES OF THE URGENT MEETING
(38TH MEETING) OF THE SENATE

6 मई 2011
6TH MAY 2011

भारतीय प्रौद्योगिकी संस्थान रूड़की
रूड़की – 247 667 (भारत)
INDIAN INSTITUTE OF TECHNOLOGY ROORKEE
ROORKEE – 247 667 (INDIA)
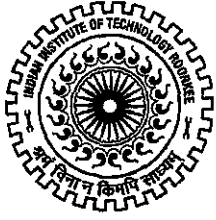
Lt. Col A K Srivastava (Retd)
Registrar

भारतीय प्रौद्योगिकी संस्थान रुड़की

रुड़की–247 667, उत्तराखण्ड, भारत

INDIAN INSTITUTE OF TECHNOLOGY ROORKEE

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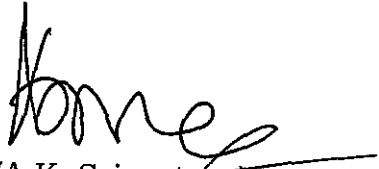e-mail : regis@iitr.ernet.in / anilsrivast@gmail.com

No. IITR/MS/38th Senate/ 4951
Dated: 9th June 2011

ALL MEMBERS OF THE SENATE
Indian Institute of Technology Roorkee

Subject: **Minutes of the urgent meeting (38th Meeting) of the Senate held on 6th May 2011.**

Enclosed herewith please find a copy of the Minutes of the urgent meeting (38th Meeting) of the Senate held on 6th May 2011 in the Senate Hall of the Institute, for your perusal. Your comments, if any, on the minutes may please be sent within 15 days.

Encl: As above

(A.K. Srivastava)
Lt. Col. (Retd.)
Registrar
& Secretary Senate
0 9 JUN 2011

INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE
ROORKEE-247 667 (INDIA)

I N D E X

INDIAN INSTITUTE OF TECHNOLOGY ROORKEE
ROORKEE – 247 667

Minutes of the urgent meeting (38th meeting) of the Senate held on 6th May 2011 in the Senate Hall of the Institute.

The following were present:-

1.	Prof. S.C. Saxena, Director	-Chairman
2.	Prof. S.Y. Kulkarni	(Architecture & Planning)
3.	Prof. (Mrs) Ritu Barthwal	(Biotechnology)
4.	Prof. G.S. Randhawa	(Biotechnology)
5.	Prof. R.P. Singh	(Biotechnology)
6.	Prof. Surendra Kumar	(Chemical Engineering)
7.	Prof. Shri Chand	(Chemical Engineering)
8.	Prof. R.N. Goyal	(Chemistry)
9.	Prof. Ravi Bhushan	(Chemistry)
10.	Prof. A.K.Singh	(Chemistry)
11.	Prof. A.K. Jain	(Civil Engineering)
12.	Prof. S.S. Jain	(Civil Engineering)
13.	Prof. M.N. Viladkar	(Civil Engineering)
14.	Prof. (Mrs) Renu Bhargava	(Civil Engineering)
15.	Prof. Pradeep Bhargava	(Civil Engineering)
16.	Prof. Manoj K. Arora	(Civil Engineering)
17.	Prof. D.K. Paul	(Earthquake Engineering)
18.	Prof. Ashwani Kumar	(Earthquake Engineering)
19.	Prof. H.R. Wason	(Earthquake Engineering)
20.	Prof. Ashok Kumar	(Earthquake Engineering)
21.	Prof. Amita Sinvhal	(Earthquake Engineering)
22.	Prof. H. Sinvhal	(Earth Sciences)
23.	Prof. J.D. Sharma	(Electrical Engineering)
24.	Prof. H.O. Gupta	(Electrical Engineering)
25.	Prof. S.P. Gupta	(Electrical Engineering)
26.	Prof. Vinod Kumar	(Electrical Engineering)
27.	Prof. Pramod Agarwal	(Electrical Engineering)
28.	Prof. S. Mukherjee	(Electrical Engineering)
29.	Prof. S.P. Srivastava	(Electrical Engineering)
30.	Prof. R.S. Anand	(Electrical Engineering)
31.	Prof. S.N. Sinha	(Electronics & Computer Engg.)
32.	Prof. M. Perumal	(Hydrology)
33.	Prof. Satish Kumar	(Paper Technology)
34.	Prof. V.K. Nangia	(Management Studies)

35.	Prof. G.S. Srivastava	(Mathematics)
36.	Prof. S.P. Sharma	(Mathematics)
37.	Prof. (Mrs) Rama Bhargava	(Mathematics)
38.	Prof. R.C. Mittal	(Mathematics)
39.	Prof. V.K. Katiyar	(Mathematics)
40.	Prof. Sunita Gakkhar	(Mathematics)
41.	Prof. Pradeep Kumar	(Mechanical & Industrial Engg.)
42.	Prof. P.K. Jain	(Mechanical & Industrial Engg.)
43.	Prof. Dinesh Kumar	(Mechanical & Industrial Engg.)
44.	Prof. Ravi Kumar	(Mechanical & Industrial Engg.)
45.	Prof. P.K. Ghosh	(Metallurgical & Materials Engg.)
46.	Prof. S.K. Nath	(Metallurgical & Materials Engg.)
47.	Prof. A. K. Jain	(Physics)
48.	Prof. U.C. Chaube	(WRD&M)
49.	Prof. S.K. Tripathi	(WRD&M)
50.	Prof. Nayan Sharma	(WRD&M)
51.	Prof. M.L. Kansal	(WRD&M)
52.	Prof. Deepak Khare	(WRD&M)
53.	Dr. C.B. Majumdar, Associate Professor, Department of Chemical Engg.	
54.	Mr. Prashant Garg, Offtg. Registrar	- Secretary

The Chairman (Director) welcomed the members to the 38th Meeting of the Senate.

Due to lack of quorum, the Chairman (Director) ruled that the meeting be adjourned for want of quorum and that the meeting shall be again convened at 4.15 p.m. on the same day.

Accordingly, the Senate meeting was held on 6th May 2011 at 4.15 p.m. at the same venue.

The Senate recorded the communications received from the following members for not attending the meeting:

1. Prof. M.R. Maurya, Department of Chemistry
2. Prof. V.K. Gupta, Department of Chemistry
3. Prof. N.K. Samadhiya, Department of Civil Engineering
4. Prof. (Ms.) Anu Singh Lather, GGSI University, New Delhi.
5. Prof. V.K. Jain, IIT Kanpur.
6. Prof. Anil Kumar, Department of Chemistry
7. Prof. (Ms.) Pushplata, Department of Architecture & Planning
8. Prof. V.K. Agarwal, Department of Chemical Engineering

Before taking up the agenda item, the Director (Chairman) appraised the house about the proposed academic activities to be undertaken at Greater Noida Extension Centre of IIT Roorkee.

The Agenda was then taken up for deliberations:

Item No. 38.1: **To consider the Academic Calendar for the Autumn Semester 2011-12.**

Senate considered and discussed the proposed Calendar and decided that after incorporating the suggested modifications, the Academic Calendar for the Autumn Semester 2011-12 session as given at **Appendix 'A'** be approved.

Item No.38.2: **To consider the Proposal received from Coordinator (Academic), Greater Noida Extension Centre (GNEC) for starting M.Tech. Programmes (Part-time) at GNEC from Autumn Semester 2011-2012 in the Departments of Mechanical & Industrial Engineering, Metallurgical & Materials Engineering, Earthquake Engineering, Water Resource Development & Management and Paper Technology.**

The Senate considered the proposal received from the Coordinator (Academic), Greater Noida Extension Centre for starting the M.Tech. programmes (Part-time) at GNEC from the Autumn Semester 2011-2012 in the Mechanical & Industrial Engineering, Metallurgical & Materials Engineering, Earthquake Engineering, Water Resource Development & Management and Paper Technology. After discussion, the Senate decided that the deletions, additions and modifications suggested by the Senators on the floor, be incorporated in the proposal and the same be placed before the Chairman, Senate for approval. The Senate authorised the Chairman, to approve the same on behalf of the Senate.

The Senate further deliberated upon the proposed guidelines to run the Academic Programmes, Short Term Programmes and Industry/ Academics/ Alumini Interaction Programmes at the GNEC and decided as follows:

I.   Academic Programs

The M.Tech./MBA programs will be run in part time mode (duration three years). Admissions to the academic programs will be made as per the IIT Roorkee admission norms. The following guidelines be followed to run these programs:

1. Guidelines to run the programs

a. All programs be run in modular format (part time basis) with extended duration of THREE years. In the first phase only existing M.Tech./MBA programs be run. Minimum duration of each program be THREE YEARS.

b. All course work be completed in FOUR semesters and number of credits be between 08-12 per semester. Last two semesters be allowed for dissertation work.

c. Number of programs be decided on the basis of recommendations of the departments/centres and the sufficient number of registrations in the offered programs. No program be run for less than 20 students. Maximum strength in a program is not to exceed 30.

d. Classes be preferably held during weekends (i.e. Friday (evening), Saturday and Sunday).

e. Departments are required to appoint one faculty member as a course coordinator for each program being offered and the subject coordinators for various subjects offered in a semester. In case a subject is taught by a guest faculty, the course coordinator is to act as subject coordinator for the same.

f. Academic rules, procedures and guidelines of IIT Roorkee are to be followed for academic evaluation of the students.

g. Course/subject coordinators will help the guest faculty in mid-term and end-term evaluations.

h. Lectures, tutorials and practicals are to be engaged by IITR faculty and guest faculty from NCR.

i. Course coordinator is to prepare a panel of guest faculty (preferably from NCR). The following criteria should be used while preparing the panel of guest faculty members.

    i. Existing/former faculty members of IITs/ IIMs/NITs/Central Universities/ Government Engineering Colleges etc.

    ii. Senior working professionals from public and Private Sector undertakings

    iii. Senior working scientists from R & D and other similar organisations

    iv. Any other faculty with prior approval of the competent authority

j. Not more than 50% external experts be involved in teaching of the course as far as possible.

k. Experts from GoI, R & D organisations and industry may be invited to deliver specialised lectures to the students.

l. Each week, FOUR to SIX contact hours be engaged by a faculty member. Contact hours may be arranged in blocks of two hours.

m. Besides normal classroom teaching, lectures/tutorials can also be arranged via video conferencing or as Interactive sessions.

n. The candidate may also interact with his/her supervisor through e-mails or video conferencing facility. However, the candidate during dissertation is required to meet in person his/her supervisor at least once in two months at his/her own expenses.

o. Evaluation of M.Tech. dissertation is to be done on similar lines as being done at IIT Roorkee for on campus students.

2. Admissions

a. Admissions to various programs (M.Tech./MBA) is to be made as per existing IITR rules. The PG Admissions Office will carry out the admission process.

b. Eligibility requirements and selection procedure for admission to Part Time M.Tech. Programs at the GNEC are to be as per the existing guidelines approved by the Senate.

3. Fee structure

For M.Tech. Program : Rs. 60,000.00 per semester.

For MBA program : Rs.1,00,000.00 per semester. This fee includes the tuition and other related academic fee only (excluding boarding and lodging).

4. Award of degree

a. After successful completion of the program the candidate is to be awarded a degree in the respective discipline as per IIT Roorkee rules and regulations.

5. Honorarium and other expenses

a. Each faculty member shall be paid honorarium and other related expenses as per the IIT Roorkee approved rates. Faculty members of IIT Roorkee shall be treated as external faculty experts for teaching at the GNEC.

II. Short Term Programs

The GNEC has great potential to run successful industry oriented various short term programs. These programs are to be planned and run with the following objectives:

a. To create opportunity for gaining knowledge and experience in the chosen areas.

b. To provide a platform for interaction among faculty, consultants, industries and Govt. Departments.

The types of programs to be run at the GNEC include:

a. Short Term Training Programs (STP)

b. Entrepreneurship Development Program (EDP)

c. Quality Improvement Programs (QIP)

The following guidelines are proposed to run these programs:

a. Short Term Programs and EDP are to be run as a sponsored program, or in consultancy mode, as deemed appropriate.

b. Training programs are to be conducted by IITR faculty members and guest faculty.

c. Rules and Regulations of Continuing Education Centre are to be followed to run these programs.

III. Industry/Academia/Alumni Interaction

GNEC is to be used as a platform to interact with industry and academia in NCR for facilitating IITR faculty in their endeavour of excellence in academic and research activities. The following activities in this domain are to be planned at the GNEC.

a. Networking with various Industry bodies (such as FICCI, CII, ASSOCHAM etc.) and various Govt. Departments (such as CWC, Environment and Forest, NHAI, Surface Transport, Water Resources, Renewable Energy) to facilitate the much needed interaction for the success of offered programs.

b. Interaction with Software industry, SMEs and Budding Entrepreneurs be given special attention in view of the MoU singed between IITR and UP Govt.

c. An industry liaisoning cell be setup to promote joint R & D and consultancy activities.

d. Emphasis be on regular interaction with industry/academia/alumni through seminars and workshops.

e. Alumni be invited to hold meeting etc. at GNEC to promote much needed bonding.

f. IITR and industry may jointly start Technology Incubation and Entrepreneurship programs at GNEC.

g. National and International Conferences/ Workshops/Seminars/Symposia etc. be organised at the GNEC to provide a platform for interaction with industry and academia.

Item No.38.3: To consider the proposal received from the Department of Management Studies to start the Part-Time M.B.A. programme at Greater Noida Extension Centre (GNEC).

As considered and recommended by the Board of Studies, the Senate decided that the proposal received from the Department of Management Studies to start a Part-Time M.B.A. programme at GNEC and the minimum eligibility criteria be approved as under:

Minimum Eligibility

(a) Bachelor's degree in any discipline of Engineering/ Technology with first class or its equivalent, or a Master's degree with first class or equivalent in any discipline from a recognised Institute or University.

(b) Minimum 3 years of relevant full time work experience in responsible capacity in a registered firm/ company/ industry/ educational and research institute/govt./quasi govt/autonomous organization.

Selection Basis

(a) Written test to be followed by Group Discussion (GD) and Interview.

(b) The weightage for preparing merit list for the admission will be as follows:

S.No.	Particulars	Weightage
1	Qualifying Degree	30%
2	Written Examination	30%
3	Group Discussion	10%
4	Interview + Work Experience	25%+5%
	Total	**100%**

No. of Seats: 30

Fee structure and general guidelines of the programme will be same as given in the Information Brochure of the GNEC.

The approved course structure of the MBA course is appended at **Appendix 'B'.**

Item No.38.4: **To consider the request of Prof. & Head, Department of Biotechnology, to add courses from other Departments in the list of Department Electives for B. Tech. Biotechnology programme.**

After discussion, the Senate decided that the proposal of Prof. & Head, Department of Biotechnology to add courses from the Departments of Mathematics and the Electronics & Computer Engineering. For this purpose the proposal be referred back to the Head, Department of Biotechnology for obtaining inputs and recommendations in the matter from the respective DFBs of the Departments of Mathematics and the Electronics & Computer Engineering, and then place the matter in the next meeting of the Senate for its consideration.

Item No. 38.5: **To consider the request of Prof. P.K. Jain, Coordinator- Academic, Greater Noida Extension Centre (GNEC), to run two M.Tech. programs (a) M.Tech. (Instrumentation and Signal Processing) to be run at GNEC from Electrical Engineering Department (b) M.Tech. (Systems and Control) received vide letter No. IITR/GNEC/922 dated 4.5.2011.**

The Senate considered the request of Prof. P.K. Jain, Coordinator (Academic), Greater Noida Extension Centre (GNEC), for starting two M.Tech. programmes (a) Instrumentation and Signal Processing and (b) Systems and Control, at GNEC from Electrical Engineering Department. After discussion, the Senate decided that deletions, additions and modifications suggested by the Senators be incorporated in the proposal and in the information brochure of the GNEC and the same be placed before the Chairman, Senate for approval. Senate authorised the Chairman, to approve the same on behalf of the Senate.

The meeting ended with a vote of thanks to the Chair.
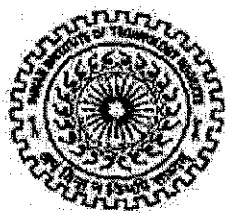
INDIAN INSTITUTE OF TECHNOLOGY ROORKEE

ACADEMIC CALENDAR FOR SESSION 2011-2012

THE AUTUMN SEMESTER 2011-12

1	Registration for Summer Term 2010-11 for 1st & 2nd Yr B.Tech./B.Arch/IDD/Int.M.Tech/Int. M.Sc	May 23, 2011 to May 24, 2011	Monday to Tuesday
2	Summer Term for UG Classes	May 25, 2011 to July 06, 2011	Wednesday to Wednesday
3	Summer Vacation for students (Not applicable for M.Tech/ IDD final year students and Research Scholars)	May 23 to July 17, 2011	Monday- Sunday
4	Joint Entrance Examination On-line Counseling for B.Tech. / B.Arch./ IDD / Integrated M.Sc. & Integrated M.Tech. Programmes	May 25 to June 10, 2011	Wednesday to Friday
5	Declaration of JEE-2011 results	May 25, 2011	Wednesday
6	Joint Entrance Examination Architecture/Design Aptitude Test	June 10, 2011	Friday
7	Submission of Progress reports by the Ph.D. students to Departments/Centres (Forms to be downloaded from Institute Website)	June 10, 2011	Friday
8	Declaration of JEE-2011 Counseling results	June 21, 2011	Tuesday
9	Last date for submission of M.Tech. / M.Arch. / MURP / M.Sc. & M.Tech.(ES)/ IDD dissertations (Session 2010-11).	June 30, 2011	Thursday
10	Examinations for Summer Term Classes	July 09-12, 2011	Saturday to Tuesday
11	Declaration of Results for Summer Term Examination	July 15, 2011	Friday
12	Last date for Final Evaluation of of M.Tech. / M.Arch./ MURP / M.Sc. & M.Tech.(ES)/ IDD dissertations.	July 15, 2011	Friday
13	Registration of all New UG Students including IDD/ Five-Year Integrated Courses.	July 17, 2011	Sunday
14	Joint Entrance Examination Counseling for Preparatory Courses 2011-12	July 18, 2011	Monday
15	Institute Reopens for the Autumn Semester 2011-2012	July 18, 2011	Monday
16	Registration of all New PG Students and New Research Scholars.	July 18, 2011	Monday
17	Academic Registration of all students (other than New Students) in respective Departments/Centres	July 18-19, 2011	Monday to Tuesday
18	Orientation Programme for all New Students.	July 19, 2011	Tuesday
19	Last date for submission of Seminar Report (PG/IDD students)	July 19, 2011	Tuesday
20	Selection for N.C.C. / N.S.S	July 19 & 20, 2011	Tuesday & Wednesday
21	Classes begin for all students in respective Departments/Centres (other than New Entrants.)	July 20, 2011	Wednesday

22	Classes begin for all New Students including New Research Scholars.	July 21, 2011	Thursday
23	On-line Subject Registration of all students (New Entrants)	July 23-July 26, 2011	Saturday to Tuesday
24	Academic/Research Section to send to Deptts/Centres final Roll lists and Subject-wise lists of Registered Students	July 28,, 2011	Thursday
25	Registration/Counseling for vacant seats of all PG Programmes	July 30, 2011	Saturday
26	Selection for NSO at LBS ground (for only new UG students)	July 30, 2011 (Forenoon)	Saturday
27	Last date for closing of admissions	August 1, 2011	Monday
28	Last date for On-Line subject registration (New entrants) with late Fee.	August 1, 2011	Monday
29	Last date of addition/deletion of subjects only for those students who have completed their Online pre-subject registration in March/April 2011, for other than New Entrants.	August 05, 2011	Friday
30	Assignment of UG Projects	August 18, 2011	Thursday
31	Last date for sending the lists of Institute Elective Courses to offered in Spring Semester 2011-12 by the Departments to Academic section.	August 29, 2011	Monday
32	Mid Term Examination – I (MTE-I) for all UG/ PG/Ph.D./ Preparatory Course students	September 01 to 03, 2011	Thursday to Saturday
33	Last date for withdrawal from a course (s)	September 12, 2011	Monday
34	Intimation to the UG Students about the Institute Elective Courses to be offered during Spring Semester 2011-12 by the Academic Section	September 12, 2011	Monday
35	Last date of display of warning to students regarding shortage of attendance during the middle of semester by Departments / Centres.	September 13, 2011	Tuesday
36	On-line Subject Registration for Institute Electives by UG Students for Spring Semester 2011-12.	September 22-25, 2011	Thursday - Sunday
37	Intimation to parents/guardians of students having Short Attendance by the Academic Section.	September 22, 2011	Thursday
38	Last date of submission of remaining document(s) by all new students (UG/PG/PhD)	September 30, 2011	Friday
39	Last date for submission of Project (PG/IDD students)	September 30, 2011	Friday
40	Mid Semester Break or students only (Not applicable for M.Tech, IDD final year students and Research Scholars)	October 03 to 07, 2011	Monday - Friday
41	Issue of blank progress forms for Ph.D. students by Research Section to respective Deptts./Centres	October 13, 2011	Thursday
42	Mid Term Examination-II (MTE-II) for all UG/PG/Ph.D./ Preparatory Course students	October 15, 17, 18, 2011	Saturday, Monday, Tuesday
43	Notification of Seating plan for Autumn Semester End Term Exam and Dates of Examination for 1st Year and Institute Core Courses	October 24-25, 2011	Monday - Tuesday
44	Last date for finalization of Time Tables of Spring Semester 2011-12 session by all Departments / Centres	October 31, 2011	Monday
45	On-line Academic and subject pre-registration for Spring Semester 2011-12 for UG /PG/ Ph.D. students	October 31-Nov 07, 2011	Monday - Monday

46	Thomso – 2011	To be decided	
47	Information regarding final list of short attendance cases from Chairmen, DAC to Course Coordinators	November 11, 2011	Friday
48	Filling of response forms by UG/PG students in the respective Departments /Centres	November 07-11, 2011	Mondey -Friday
49	Annual Convocation	To be decided	
50	Display of marks of course work evaluation	November 16, 2011	Wednesday
51	Last date of Teaching	November 18, 2011	Friday
52	Display of List of students having short attendance on the Notice Boards by Departments/Centres	November 20, 2011	Sunday
53	To display list of detained students in End Term Examination by Academic Section	November 21, 2011	Monday
54	Jubilee Alumni Meet (Golden & Diamond)	November 21-22, 2011	Monday-Tuesday
55	Practical Examinations	November 22 to 24, 2011	Tuesday to Thursday
56	End Term Exam. for all UG/PG/Ph.D. classes including Preparatory Course	November 25 to Dec. 04, 2011	Friday - Sunday
57	Silver jubilee Alumni Meet	November 28 - 29, 2011	Monday-Tuesday
58	N. C. C. Camp	December 05 – 14, 2011	Monday - Wednesday
59	Last date to show the answer scripts of End Term Examination to the students	December 09, 2011	Friday
60	Submission of progress reports of the Ph.D. students by the Departments/ Centres	December 09, 2011	Friday
61	Last day of Mid Term Evaluation of M.Tech./M.Arch./IDD/ Integrated Dissertation for 25 % evaluation.	December 09, 2011	Friday
62	Finalization of grades by the Grade Moderation Committees	December 12, 2011	Monday
63	Winter vacation for students (Not applicable for M.Tech, IDD final year students and Research Scholars)	Dec. 12 – 25, 2011	Monday-Sunday
64	Display of grades for all classes on Department Notice Board	December 13, 2011	Tuesday
65	Last date for sending of grades to Academic Section after scrutiny	December 13, 2011	Tuesday
66	Last date for declaration of Autumn Semester results	December 14, 2011	Wednesday
67	Spring Semester 2011-2012 begins	December 26, 2011	Monday
68	Academic Registration for all courses in respective Departments/Centres for Spring Semester 2011-2012	December 26- 28, 2011	Monday - Wednesday
69	Classes begin for all courses	December 29, 2011	Thursday

Note: - Heads of Departments/Centers are requested to please plan the functions / Seminars on Saturdays and Sundays so that the Institute is able to maintain the minimum teaching days required in a semester.

Teaching days for Autumn Semester 2011-12 (w.e.f. 20.7.2011 to 18.11.2011)

Excluding Mid-term semester break w.e.f. 03.10.2011 to 07.10.2011 (for Students only)

Day	Months						
	July	August	September	October	November	Less for MTE	Total days
Monday	25	1,8,29	5,12,19,26	10,17,24,31	14	1	12
Tuesday	26	2,9,16,23,30	6,13,20,27	18,25	1,8,15	1	14
Wednesday	20,27	3,10,17,24	7,14,21,28	12,19	2,9,16	-	15
Thursday	21,28	4,11,18,25	1,8,15,22,29	13,20,27	3,17	1	15
Friday	22,29	5,12,19,26	2,9,16,23,30	14,21	4,11,18	1	15
Total days	8	20	22	13	12	4	75-4=71

Details of Saturday and Sunday used in MTE(I & II)

MTE (I)   (1,2 & 3 Sept)   1.9.2011 – Working (Thursday)

2.9.2011 – Working (Friday)

3.9.2011 -   Saturday

MTE (II)   (15,17 & 18 Oct)   **15.10.2011 - Saturday**

17.10.2011 - Working (Monday)

18.10.2011 - Working (Tuesday)

Department of Management Studies
Master of Business Administration (MBA)

Course No.	Course Title	Subject Area	Credit	L	T	P	Exam Dur. (Hrs) T	Exam Dur. (Hrs) P	Relative Weightage (%) CWS	PRS	MTE	ETE	PRE
1st Year	**1st Semester**												
BM-501	Quantitative Techniques for Managers	PCC	3	3	0	0	3	--	15	--	35	50	--
BM-503	Management Processes and Organizational Behaviour	PCC	3	3	0	0	3	--	15	--	35	50	--
BM-505	Managerial Economics	PCC	3	3	0	0	3	--	15	--	35	50	--
BM-509	Financial Accounting	PCC	3	3	0	0	3	--	15	--	35	50	--
	Sub Total		12										
	2nd Semester												
BM-502	Management Accounting	PCC	2	2	0	0	2	--	15	--	35	50	--
BM-504	Financial Management	PCC	3	3	0	0	3	--	15	--	35	50	--
BM-506	Business Environment	PCC	3	3	0	0	3	--	15	--	35	50	--
BM-508	Human Resource Management	PCC	3	3	0	0	3	--	15	--	35	50	--
	Sub Total		11										
2nd Year	**3rd Semester**												
BM-507	Business Communication	PCC	3	2	0	2	2	--	15	15	30	40	--
BM-511	Marketing Management	PCC	3	3	0	0	3	--	15	--	35	50	--
BM-513	Business Statistics	PCC	3	3	0	0	3	--	15	--	35	50	--
BM-601	Management Information Systems	PCC	2	2	0	0	2	--	15	--	35	50	--
	Elective I	PEC	3	3	0	0	3	--	15	--	35	50	--
	Sub Total		14										
	4th Semester												
BM-510	Marketing Research	PCC	2	2	0	0	2	--	15	--	35	50	--
BM-512	Production and Operations Management	PCC	3	3	0	0	3	--	15	--	35	50	--
BM-514	Technology Management	PCC	2	2	0	0	2	--	15	--	35	50	--
BM-603	Legal Aspects of Business	PCC	3	3	0	0	3	--	15	--	35	50	--
	Elective II	PEC	3	3	0	0	3	--	15	--	35	50	--
	Sub Total		13										
3rd Year	**5th Semester**												
BM-605	Strategic Management	PCC	3	3	0	0	3	--	15	--	35	50	--
	Elective III	PEC	3	3	0	0	3	--	15	--	35	50	--
	Elective IV	PEC	3	3	0	0	3	--	15	--	35	50	--
	Elective V	PEC	3	3	0	0	3	--	15	--	35	50	--
	Sub Total		12										

Course No.	Course Title	Subject Area	Credit	L	T	P	Exam Dur. (Hrs) T	Exam Dur. (Hrs) P	CWS	PRS	MTE	ETE	PRE
	6th Semester												
BM-602	Project	RP	2	--	--	--	--	--	--	--	--	--	--
	Elective VI	PEC	3	3	0	0	3	--	15	--	35	50	--
	Elective VII	PEC	3	3	0	0	3	--	15	--	35	50	--
	Elective VIII	PEC	3	3	0	0	3	--	15	--	35	50	--
	Elective IX	PEC	3	3	0	0	3	--	15	--	35	50	--
	Sub Total		14										
	TOTAL		76										

Open Electives

S.No.	Subject Code	Subject Name	Credit	L	T	P	Exam Dur. (Hrs) T	Exam Dur. (Hrs) P	CWS	PRS	MTE	ETE	PRE
1	BM-611	Seminars in Management	3	--	--	--	--	--	--	--	--	--	100
2	BM-612	Knowledge Management	3	3	0	0	3	--	15	--	35	50	--
3	BM-613	Entrepreneurship Development	3	3	0	0	3	--	15	--	35	50	--
4	BM-614	International Business	3	3	0	0	3	--	15	--	35	50	--
5	BM-615	Industrial Waste Management	3	3	0	0	3	--	15	--	35	50	--
6	BM-616	Management of Large Systems	3	3	0	0	3	--	15	--	35	50	--
7	BM-617	Environment Management	3	3	0	0	3	--	15	--	35	50	--
8	BM-618	Advanced Optimization Techniques for Management	3	3	0	0	3	--	15	--	35	50	--
9	BM-619	Basics of Management of Information	3	3	0	0	3	--	15	--	35	50	--
10	BM-620	Soft Computing Techniques for Management	3	3	0	0	3	--	15	--	35	50	--

Note: The students may take two specializations by taking at least 12 credits in each individual specialization out of the 27 credits being offered as electives in the second and third years of MBA programme. Students can take remaining three credit paper from open electives or any of the specializations offered.

Specialization Electives
(1) Human Resource Management

S.No.	Subject Code	Subject Name	Credit	L	T	P	Exam Dur. (Hrs)		Relative Weightage (%)				
							T	P	CWS	PRS	MTE	ETE	PRE
1	BM-631	Human Resource Planning and Development	3	3	0	0	3	--	15	--	35	50	--
2	BM-632	Organisational Development	3	3	0	0	3	--	15	--	35	50	--
3	BM-633	Labour Legislation and Industrial Relations	3	3	0	0	3	--	15	--	35	50	--
4	BM-634	Career Planning and Performance	3	3	0	0	3	--	15	--	35	50	--
5	BM-635	Management of Training and Talent Development	3	3	0	0	3	--	15	--	35	50	--
6	BM-636	Compensation Management and Reward System	3	3	0	0	3	--	15	--	35	50	--
7	BM-637	Management of Change	3	3	0	0	3	--	15	--	35	50	--
8	BM-638	Managing Innovation and Creativity	3	3	0	0	3	--	15	--	35	50	--
9	BM-639	Management of Self and Interpersonal Dynamics	3	3	0	0	3	--	15	--	35	50	--

(2) Operations

S.No.	Subject Code	Subject Name	Credit	L	T	P	Exam Dur. (Hrs)		Relative Weightage (%)				
							T	P	CWS	PRS	MTE	ETE	PRE
1	BM-641	Manufacturing Strategy	3	3	0	0	3	--	15	--	35	50	--
2	BM-642	Computer Integrated Manufacturing	3	3	0	0	3	--	15	--	35	50	--
3	BM-643	Operations Planning and Control Systems	3	3	0	0	3	--	15	--	35	50	--
4	BM-644	Supply Chain Management	3	3	0	0	3	--	15	--	35	50	--
5	BM-645	Total Productive Maintenance	3	3	0	0	3	--	15	--	35	50	--
6	BM-646	Project Management	3	3	0	0	3	--	15	--	35	50	--
7	BM-647	Productivity Management	3	3	0	0	3	--	15	--	35	50	--
8	BM-648	Quality Management	3	3	0	0	3	--	15	--	35	50	--

(3) Information Technology

S.No.	Subject Code	Subject Name	Credit	L	T	P	Exam Dur. (Hrs)		Relative Weightage (%)				
							T	P	CWS	PRS	MTE	ETE	PRE
1	BM-651	Management of Information Technology	3	3	0	0	3	--	15	--	35	50	--
2	BM-652	Enterprise Business Applications	3	3	0	0	3	--	15	--	35	50	--
3	BM-653	Information Technology Project Management	3	3	0	0	3	--	15	--	35	50	--
4	BM-654	Software Engineering and Management of Software Development	3	3	0	0	3	--	15	--	35	50	--
5	BM-655	Design of On-Line Systems	3	3	0	0	3	--	15	--	35	50	--
6	BM-656	Decision Support and Experts Systems	3	3	0	0	3	--	15	--	35	50	--
7	BM-657	Business Process Management	3	3	0	0	3	--	15	--	35	50	--
8	BM-658	Electronic Commerce and Electronic Governance	3	3	0	0	3	--	15	--	35	50	--

(4) Marketing

S.No.	Subject Code	Subject Name	Credit	L	T	P	Exam Dur. (Hrs)		Relative Weightage (%)				
							T	P	CWS	PRS	MTE	ETE	PRE
1	BM-661	Internet Marketing	3	3	0	0	3	--	15	--	35	50	--
2	BM-662	Consumer Behavior Analysis	3	3	0	0	3	--	15	--	35	50	--
3	BM-663	Product and Brand Management	3	3	0	0	3	--	15	--	35	50	--
4	BM-664	Integrated Marketing Communications	3	3	0	0	3	--	15	--	35	50	--
5	BM-665	Sales and Distribution Management	3	3	0	0	3	--	15	--	35	50	--
6	BM-666	International Marketing	3	3	0	0	3	--	15	--	35	50	--
7	BM-667	Industrial Marketing	3	3	0	0	3	--	15	--	35	50	--
8	BM-668	Services Marketing	3	3	0	0	3	--	15	--	35	50	--

(5) Finance

S.No.	Subject Code	Subject Name	Credit	L	T	P	Exam Dur. (Hrs)		Relative Weightage (%)				
							T	P	CWS	PRS	MTE	ETE	PRE
1	BM-671	Quantitative Analysis for Financial Management	3	3	0	0	3	--	15	--	35	50	--
2	BM-672	Working Capital Management	3	3	0	0	3	--	15	--	35	50	--
3	BM-673	Security Analysis and Portfolio Management	3	3	0	0	3	--	15	--	35	50	--
4	BM-674	Indian Financial System	3	3	0	0	3	--	15	--	35	50	--
5	BM-675	International Financial Management	3	3	0	0	3	--	15	--	35	50	--
6	BM-676	Financial Management Control Systems	3	3	0	0	3	--	15	--	35	50	--
7	BM-677	Taxation and Tax Planning	3	3	0	0	3	--	15	--	35	50	--
8	BM-678	Merchant Banking and Financial Services	3	3	0	0	3	--	15	--	35	50	--
9	BM-679	Financial Statement Analysis and Reporting	3	3	0	0	3	--	15	--	35	50	--
10	BM-680	Banking and Bank Finance	3	3	0	0	3	--	15	--	35	50	--