



ACCURATE INSTITUTE OF MANAGEMENT & TECHNOLOGY

(Approved By AICTE, Ministry of HRD, Govt. Of India &
Affiliated to AKTU, Lucknow (U.P.) India)

MECHANISM OF INTERNAL ASSESSMENT



Mechanism of internal assessment

- Schedule of Sessional Examination is given in Academic calendar which is displayed well in advance before commencement of session.
- The course teachers display question bank in advance for Midterm-I and Midterm-II which is conducted as per academic Calendar.
- Evaluation method comprises of internal examinations held progressively during the semester and is designed to check and report the periodic performance of the student.
- All the records and data bank of attendance in Internal Examinations, Question papers, valued answer sheets/copies, summary of marks sheets, are properly maintained by the teachers for academic monitoring.
- There is complete transparency in the internal assessment for each assessment method as described below.

Model Answers and marking scheme is prepared by every subject teacher before valuation.

Sessional Examination:

- Valuation is done by the respective subject teacher within five days through departmental valuation system.
- Answer sheets are shown to all the students and answers are also discussed with the students.

Practical Examination:

Evaluation is done with transparency based on different parameters like Teachers Assessment, Practical Records, Performance and Viva-Voce.

Assignments:

Assignments questions are discussed with students. The students submit five assignments.



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DR. A.P.J. ABDUL KALAM TECHNICAL UNIVERSITY, UTTAR PRADESH
Jankipuram Vistar Sector- 11 , Sitapur Road, Lucknow, 226031, Uttar Pradesh

ACADEMIC CALANDER

FOR B. TECH./B.PHARM./B. ARCH./B.H.M.C.T./BFAD/MBA/MBATM/MBA-INT/MAM/MCA/MCA-DD/MCA-INT/BFA & M. Tech./M. Pharm./M. Arch.
ACADEMIC SESSION 2018-19

S. No.	Particulars	Dates	
		Odd Semester	Even Semester
		For I, III, V, VII & IX Semester	For II, IV, VI, VIII & X Semester
1	Commencement of Classes session 2018-19	August 1, 2018	Jan.21, 2019
2	Last date of submitting admission list of students to University (for newly admitted student)	Aug. 31, 2018	
3	Last date of submitting Enrollment form /Exam Form for regular & carry over exams.	Oct. 31, 2018	
4	Last date of Submitting Examination fee for both semesters and examination/carry over examination fee	Nov. 15, 2018	
5	Last date of submitting sessional marks of Theory & Practical Sessional to University.	Dec. 10, 2018	May 11, 2019
6	End Semester Theory Examination	Dec. 11, 2018, to Jan. 05, 2019	May. 12, 2019 to May 30, 2019
7	End Semester Practical Examination	Jan. 06, 2019 to Jan.12, 2019	May 31, 2019 to June 06, 2019
8	Last Date of Submission of PE Marks.	Jan. 15, 2019	June 15, 2019
9	Evaluation of Answer sheets	Dec. 15, 2018, to Jan. 15, 2019	May 16, 2019 to June 15, 2019
10	Summer Training		June 07, 2019 to July 20, 2019
11	Winter Vacations/ Summer Vacation	Jan 13, 2019, to Jan 22, 2019	June 07, 2019 to July 20, 2019
12	Commencement of Classes session 2019-20	For I, III, V, VII & IX Semester August 01, 2019	

Note: The Institute should ensure that at least two class test are conducted after completing 1/3rd & 2/3rd syllabus respectively. All students will be required to appear in both first and second class tests. If for any reason beyond the control of students such as illness, tragic incident in family, the student fail to appear in any test, it will be responsibility of Principle/ Director of Institute to arrange class test for such students. However, if the student fails to appear in first class test, his left over class test will be conducted before second class test and in case of second class test at least one month before the start of end semester theory examination. The duration of class test will minimum one hour for each class test, 70% attendance at 1st test and 75% attendance at second class test are required, in case attendance in short parents are be informed accordingly on monthly basis.

- The Institute shall ensure 540 hours of teaching per semester. If required the director/principal shall arrange extra classes, on weekends/ holidays.
- The Directors/Principal of Institute shall submit attendance of students to University after 1st and 2nd class tests and shall ensure that no student is allowed to appear in the examinations who has not attained the minimum required attendance as per norms prescribed in relevant ordinances. It will be obligatory on the part of Director/Principal of Institute to detain such students and their admit cards will not be issued to them. A list of students detained from appearing in University Examination(s) be submitted to University and their Examination centre before commencement of theory examination.
- The teacher who are assigned evaluation duty during vacation shall be entitled for earned leave as per rules and duty leave for other examination works.
- The induction programme for 1st year B.Tech student shall be between Aug. 01, 2018 to Aug. 21, 2018.
- Summer training internship for 1st year B.Tech student shall also be held between June 07, 2019 to July 20, 2019.



Controller of Examination

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ACCURATE INSTITUTE OF MANAGEMENT & TECHNOLOGY, GREATER NOIDA

CIRCULAR

DATE – 02.01.2024

All the faculty of B. Tech 1st year and 2nd year are hereby informed that the 2nd sessional examination is going to start from from 6th January 2024. Therefore kindly submit the question paper/papers of your subject on or before 4th of January 2024 in the examination cell.



02.01.24

Dr. A. M. Tripathi
(Exam Coordinator)

Subject Name: Fundamental of Mechanical Engineering

Maximum Marks:-40

Paper Code: BME 101

Time Duration:- 2 Hrs.

Roll No. _____

Note: Attempt all sections.

Section A

Q.1 Attempt all questions.

(6 × 2 = 12)

Q. No.	Question	Course Outcome
a.	Give advantages of HEV's.	CO3
b.	Differentiate between S.I and C.I engines.	CO2
c.	What do you mean by scavenging process?	CO2
d.	Define coefficient of performance. Give the relation between COP of heat pump and refrigerator.	CO3
e.	Define unit of refrigeration.	CO3
f.	Classify the internal combustion engines.	CO2

Section B

Q.2 Attempt any Two from the following.

(2 × 7 = 14)

Q. No.	Question	Course Outcome
a.	Discuss in detail different methods of refrigeration.	CO3
b.	Explain the construction and working of domestic refrigerator with the help of suitable diagram.	CO3
c.	Explain the working of 4-stroke S.I. engine.	CO2

Section C

Q.3 Attempt any Two from the following.

(2 × 7 = 14)

Q. No.	Question	Course Outcome
a.	Explain the construction and working of window air-conditioner. OR What are the factors which affects human comfort? Explain human comfort chart with neat sketch?	CO3
b.	Explain the working of 2-stroke diesel engine. OR Compare 2-stroke and 4-stroke engines along with their merits and demerits.	CO2
c.	Define: DBT, WBT, DPT and humidity. OR What are the drive train components of HEV's?	CO3

— BEST OF LUCK —



ACCURATE INSTITUTE OF MANAGEMENT AND TECHNOLOGY

B. Tech. 1st Year

Assignment - 3

SUBJECT CODE:- BME 101

SUBJECT :- Mechanical Engineering

Deadline of Submission: 10.12.2023

- Q.1 Define the following: Tonne of refrigeration, Refrigeration effect, COP
- Q.2 Discuss the methods of refrigeration
- Q.3 Explain the working of domestic refrigerator with neat sketch
- Q.4 Prove the $COP_{(HP)} - COP_{(HE)} = 1$.
- Q.5 What is air conditioning. What are the factors that affect the comfort conditioning? Also draw the comfort chart.
- Q.6 Explain the working of winter air conditioning systems neat sketch
- Q.7 Explain the following terms: DBT, WBT, Dew point temperature, Specific humidity, Relative humidity
- Q8. Explain the working of 4- stroke petrol engine and 2-stroke diesel engine with neat sketch.
- Q9. Difference between 2- stroke and 4-stroke I.C engine
- Q10. Explain the scavenging process
- Q11. Given the classification of I.C engine
- Q12. What are the components of electric vehicle? Explain
- Q13. Write the advantage and disadvantage of electric vehicle.
- Q14. Write the advantage and disadvantage of hybrid electric vehicle.



ACCURATE INSTITUTE OF MANAGEMENT & TECHNOLOGY, GREATER NOIDA

Second Sessional Examination Odd Semester (Session 2023-2024)

ROOM NO. - 104

2ND YEAR - 35 STUDENTS									
1ST YEAR (SECTION - D) - 35 STUDENTS					2ND YEAR				
C-1		C-2		C-3		C-4			
1ST YEAR (SECTION - D)	2nd Year	1ST YEAR (SECTION - D)	2nd Year	1ST YEAR (SECTION - D)	2nd Year	1ST YEAR (SECTION - D)	2nd Year	1ST YEAR (SECTION - D)	2nd Year
R-1 GHANSHYAM	2202250100016	KUSHAGRA KAUSHIK	2202250100148	SACHIN YADAV	2202250130025	VAIBHAV PARMAR	2202250100103		
R-2 GYAN PRAKASH OJHA	2202250100026	MITHILESH KUMAR	2202250100150	SAGAR KUMAR	PRADEEP KUMAR	VIJAY KUMAR CHOURASIA	2202250100120		
R-3 HIMANSHU TIWARI	2202250100035	MOHD UMAMID HAIDER	2202250100154	SHIVAM MISHRA	2202250100017	VIKASH	2202250100121		
R-4 K ABHINAV	2202250100039	NITESH KUMAR	2202250100167	SONU KUMAR	2202250100072	VIKASH KHUSHWAHA	2202250100127		
R-5 KESHAV MISHRA	2202250100069	PRADEEP KUMAR GUPTA	2202250100215	SUJAL SINGH	2202250100082	VIKASH KUMAR JHA	2202250100137		
R-6 KHUSHI DUBEY	2202250100099	PRAKASH KUMAR SONI	2202250100228	SUNNY SHARMA	2202250100083	VISHAL KRISHNA	2202250100158		
R-7 KHUSHI SINGH	2202250100106	RAHUL PAL	2202250100245	TANIYA DHAMA	2202250100085	VIVEK KUMAR YADAV	2202250100178		
R-8 KULDEEP SINGH SOLANKI	2202250100113	RAUNAK SINGH	2202250130001	TANZEEM HASHMI	2202250100089	VOGMAYA CHATTERJEE	2202250100196		
R-9 KUNDAN KUMAR	2202250100136	ROCKY KUMAR	2202250130007	TUSHAR	2202250100098				



ACCURATE INSTITUTE OF MANAGEMENT & TECHNOLOGY, GREATER NOIDA
Second Sessional Examination Odd Semester (Session 2023-2024)

ROOM NO. - 102

2ND YEAR - 34 STUDENTS									
1ST YEAR (SECTION - A) - 34 STUDENTS					2ND YEAR - 34 STUDENTS				
C-1		C-2		C-3		C-4			
1ST YEAR (SECTION - A)	2nd Year	1ST YEAR (SECTION - A)	2nd Year	1ST YEAR (SECTION - A)	2nd Year	1ST YEAR (SECTION - A)	2nd Year	1ST YEAR (SECTION - A)	2nd Year
R-1 ABHINAV TIWARI	2202250100250	ANIRUDDH UTEKAR	2202250100227	DEEPANSHU CHAUDHARY	2202250100111	KUNAL BHIATTI	2202250130022		
R-2 ABHISHEK MISHRA	2202250100034	ANIRUDH NAGAR	2202250100238	DIYA KUMARI	2202250100152	LOKESH JOSHI	2202250100002		
R-3 ADITI	2202250100043	ANKIT PAL	2202250100243	GAURAV PANDEY	2202250100165	MAYANK	2202250100080		
R-4 AJAY KUMAR	2202250100068	ANSHUMAN	2202250130010	GAUTAM KUMAR MANDAL	2202250100180	MOHAMMAD RIZWAN	2202250100100		
R-5 AKSHAY YADAV	2202250100217	ARUN KUMAR	2202250100029	HARSH VARDHAN POSWAL	2202250100191	MOHIT KUMAR THAKUR	2202250100105		
R-6 AMAN SHUKLA	2202250100249	ASHISH BISWAL	2202250100056	JASPREET SINGH BEDI	2202250100221	NIITU KUMARI	2202250100132		
R-7 AMRIT KUMAR	2202250100119	ASHUTOSH KUMAR SINGH	2202250100067	KAUSHAL KUMAR	2202250100223	PIYUSH KUMAR	2202250100169		
R-8 ANANYA SINGHAL	2202250100214	CHITRANSHI SRIVASTAVA	2202250100096	KRISH AHLUWALIA	2202250100251	PRAKASH KUMAR	2202250100175		
R-9 ANIQA SAYEED	2202250100224					PRAKASH KUMAR SAFI	2202250100176		



ACCURATE INSTITUTE OF MANAGEMENT & TECHNOLOGY, GREATER NOIDA
Second Sessional Examination Odd Semester (Session 2023-2024)

ROOM NO. - 106									
1ST YEAR (SECTION - B + E) - 40 STUDENTS					2ND YEAR - 40 STUDENTS				
C-1		C-2		C-3		C-4			
1ST YEAR (SECTION - B)	2nd Year	1ST YEAR (SECTION - B)	2nd Year	1ST YEAR (SECTION - B + E)	2nd Year	1ST YEAR (SECTION - E)	2nd Year		
R-1 PRASHANT BHARDWAJ	2202250100130	RITIK SINGH	2202250100130	SUDARSHAN VASHISHT	2202250100159	AKSHAY RAGHAV	2202250100070		
R-2 PRASHANT YADAV	2202250100134	ROHINI R	2202250100193	SUNNY KUMAR	2202250100170	AMAN TIWARI	2202250100073		
R-3 PRIYA KUMARI	2202250100143	ROHIT RAJAK	2202250100211	TUSHAR TYAGI	2202250100205	ANKIT FULORIA	2202250100088		
R-4 PRIYANSHU CHAUHAN	2202250100155	RUCHI PATEL	2202250100212	VAIBHAV JOSHI	2202250100159	ANKIT SINGH	2202250100097		
R-5 PUNIT KUMAR	2202250100188	SACHIN KUMAR	2202250100008	VARUN MISHRA	2202250100170	ARJU ALAM	2202250100199		
R-6 RAJNISH SINGH	2202250100193	SANKEY SINGH	2202250100024	VEDANSH JAISWAL	2202250100205	ATUL SINGH	2202250100199		
R-7 RAKESH KUMAR	2202250100211	SHACHINDRA MISHRA	2202250100030	YASH TIWARI	SHIVAY GUPTA	AVINASH GUPTA	2202250130003		
R-8 RAVI KUMAR	2202250100212	SHIVAM VIVEKANAND UPADHAYAY	2202250100004	ZEESHAN AHMAD	2202250100004	AVUSH CHAURASTYA	2202250130006		
R-9 RITESH KUMAR	2202250100143	SINTU KUMAR	2202250100090	ABHISHEK KUMAR JHA	2202250100053	RAADAL KUMAR SHARMA	2202250130008		
R-10 RITESH MODI	2202250100155	SPARSH SHARMA	2202250100117	ADITYA SINGH	2202250100058	DHIRENDRA KUMAR SINGH	2202250130012		



ACCURATE INSTITUTE OF MANAGEMENT & TECHNOLOGY, GREATER NOIDA

Second Sessional Examination Odd Semester (Session 2023-2024)

ROOM NO. - 202

1ST YEAR (SECTION - E + F) - 33 STUDENTS										1ST YEAR (SECTION - C) - 29 STUDENTS			
C-1			C-2			C-3			C-4				
1ST YEAR (SECTION - E + F)	1ST YEAR (SECTION - C)		1ST YEAR (SECTION - F)	1ST YEAR (SECTION - C)		1ST YEAR (SECTION - F)	1ST YEAR (SECTION - C)		1ST YEAR (SECTION - F)	1ST YEAR (SECTION - C)	1ST YEAR (SECTION - F)	1ST YEAR (SECTION - C)	
R-1	VIKASH	KRISHNA DOBRIVAL	AMAR JYOTI	NAVNEET KUMAR		ASHWANI RAI	RUPESH SHARMA		HARSHAL RAJ	TALHA ANSARI			
R-2	VIVEK YADAV	MANISH KUMAR	AMIT KUMAR YADAV	NIKHIL PANDEY		AVANISH GUPTA	SAUNYA TRIPATHI		HARSHIT GARG	VISHAL KUMAR			
R-3	YASHRAJ SINGH	MANVI GOYAL	ANKIT UPADHYAY	OM SHARMA		AVINASH KUMAR	SHAHREYAR ALAM		HIMANSHU KUMAR	VISHNU BHARDWAJ			
R-4	A ANANTHA KRISHNAN	MD AYAN WARSI	ANSH GUPTA	PARV BHARDWAJ		BAJRANG LAL JAISWAL	SHIFA		KRISHAN KUMAR	YASH			
R-5	AARAV ASWAL	MD SAMAR AFROZE	ANSHU SHARMA	PRAKASH KUMAR		DANISH KHAN	SHRAJAL URMALIYA		MAHESH KUMAR	ZEESHAN AHMAD			
R-6	ABHINAV MAURYA	MOHD FAZEEL	ANUBHAV TIWARI	PRAKASH YADAV		DIVYA PRAKASH SHIVASTAV	SHREYA DUBEY		MOHD AAHID				
R-7	ADARSH PRATAP SINGH	MOHD ZUHAIR	ANURAG YADAV	PRATIBHA KUMARI		GAZI ABU ALA	SUMIT KUMAR		NAVNEET GUPTA				
R-8	AKSHAT GUPTA	MURLI SHANKAR	ASHISH YADAV	HIMESH CHANDRA SHIVASTAVA		HARSH VARDHAN SINGH	SUMIT KUMAR SAH		NIJWAL KUMAR				
R-9									NIKITA SHRIVASTAVA				



Second Sessional Exam Attendance Sheet

ROOM NUMBER 102

S.No.	ROLL NO.	Student Name	01-06-2024		01-08-2024		01-09-2024	
			UHV	ECE	COA	PYTHON	DSTL	DS
1	2202250100250	VIKASH YADAV	Vikash	Vikash	Vikash	Vikash		
2	2202250100034	AMBREESH KUMAR SRIVASTAVA	Ambreesh	Ambreesh	Ambreesh	Ambreesh		
3	2202250100043	ANKUR JAISWAL	Ankur	Ankur	Ankur	Ankur		
4	2202250100056	AVINASH VERMA	Avinash	Avinash	Avinash	Avinash		
5	2202250100217	SHUBHAM KUMAR	Shubham	Shubham	Shubham	Shubham		
6	2202250100249	VEDANSH	Vedansh	Vedansh	Vedansh	Vedansh		
7	2202250100119	JASWANT KUMAR	Jaswant	Jaswant	Jaswant	Jaswant		
8	2202250100214	SHREYANSH KUMAR	Shreyansh	Shreyansh	Shreyansh	Shreyansh		
9	2202250100224	SONAL BHARTI	Sonal	Sonal	Sonal	Sonal		
10	2202250100227	SUKRATI TRIPATHI	Sukrati	Sukrati	Sukrati	Sukrati		
11	2202250100238	TANUJ SHARMA	Tanuj	Tanuj	Tanuj	Tanuj		
12	2202250100243	TEJASHWINI SINGH	Tejashwini	Tejashwini	Tejashwini	Tejashwini		
13	2202250130010	MANTU YADAV	Mantu	Mantu	Mantu	Mantu		
14	2202250100029	AMAN KUMAR KAR	Aman	Aman	Aman	Aman		
15	2202250100056	ARPIT GUPTA	Arpit	Arpit	Arpit	Arpit		
16	2202250100057	ASHUTOSH	Ashutosh	Ashutosh	Ashutosh	Ashutosh		
17	2202250100096	DINESH RAJPUT	Dinesh	Dinesh	Dinesh	Dinesh		
18	2202250100111	HARSH VARDHAN CHAUDHARY	Harsh	Harsh	Harsh	Harsh		
19	2202250100152	NIKHIL NIRUPAM	Nikhil	Nikhil	Nikhil	Nikhil		
20	2202250100165	PRIYANSHU	Priyanshu	Priyanshu	Priyanshu	Priyanshu		
21	2202250100160	ROUNAQ CHAND	Rounaq	Rounaq	Rounaq	Rounaq		
22	2202250100191	SAMRITI SHARMA	Samriti	Samriti	Samriti	Samriti		
23	2202250100221	SHUBHANG MISHRA	Shubhang	Shubhang	Shubhang	Shubhang		
24	2202250100223	SNEHA GUPTA	Sneha	Sneha	Sneha	Sneha		
25	2202250100251	VISHAL KUMAR SINGH	Vishal	Vishal	Vishal	Vishal		
26	2202250130022	SHIVAM KUMAR	Shivam	Shivam	Shivam	Shivam		
27	2202250100002	AARYAN BHADOURIYA	Aaryan	Aaryan	Aaryan	Aaryan		
28	2202250100080	BHARAT KUMAR SHARMA	Bharat	Bharat	Bharat	Bharat		
29	2202250100100	DRON KUMAR	Dron	Dron	Dron	Dron		
30	2202250100105	GUPTA AARAV PAWAN	Aarav	Aarav	Aarav	Aarav		
31	2202250100132	MANSI AGARWAL	Mansi	Mansi	Mansi	Mansi		
32	2202250100169	RAMA SHANKAR	Rama	Rama	Rama	Rama		
33	2202250100175	RITIK SINGH	Ritik	Ritik	Ritik	Ritik		
34	2202250100178	RIYA RAJ	Riya	Riya	Riya	Riya		



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ACCURATE GROUP OF INSTITUTIONS

Plot No. 49, Knowledge Park III, Greater Noida, Distt. Gautam Budh Nagar-201306

☐ B. TECH ☐ MBA ☐ MCA ☐ B. ARCH

Evaluation Summary

Roll No. M74018W Karmali

B TECH

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Branch

1st

Semester

microfilar

Subject

TIME-TO-

Subject Codes:

Name & Sign of Invg.

Room No. 1001

Date.....	Time.....	Taken.....
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Markes in words

Max. Marks

40

Marks Obtained

721

TOTAL

Sign of Evaluation:

Name of Evaluator: Dr. A.M. Farid

Students are advised to read the following instructions carefully.

- 
1. This answer sheet contains 16 pages and the students are instructed to make full use of the space provided.
2. Students must write their Roll No. on the answer sheet.
3. Students are not allowed to write their name anywhere on the answer sheet or make any mark of identification on their Roll No.
4. Students should leave some margin on the left side of the answer sheet.
5. Use of unfair means and copying in strictly prohibited. Students found using unfair means or copying may be debarred from the examination.
6. Students should make sure that they have signed the attendance sheet.
7. Rough work can be done on the last page.
- Student's Signature after Evaluation**

Student's Signature after Evaluation

Answer Sheet