## 2.2.1 - The institution assesses the learning levels of the students and organises special Programmes for advanced learners and slow learners

MIT CIDCO organizes "Induction Programme" for the first year students every year. The objective of the programme is to formally welcome the newly arrived students to MIT CIDCO family and assist them in starting their academic journey at MIT CIDCO.

The departments use monitoring and mentoring to keep track of slow learners' progress. Along with teachers, some advanced learners are encouraged to mentor weak students and help them with explanations and notes. Revision classes and counselling sessions are held and additional teaching is taken up if required. Advanced learners are encouraged to study the contents of the syllabus effectively so as to achieve a high percentage of marks. They are oriented towards writing papers and present them in Seminars. They are motivated to undertake online certificate courses in AWS, ORACLE, and NPTEL, TCS iON. Also they are motivated to participate in the various competitions like University Level Avishkar, Hacathon ect.

Following activities are done by teachers for students:

Slow learners:

- ➤ Individual counselling.
- Bridge Course
- Remedial Coaching
- $\succ$  Extra notes.
- ➢ Group discussion session.
- Internal examination process.
- ➢ Internet facility.
- > Encouragement in NSS, Sports, and academic activities.

Advance learners:

- Advance notes
- Seminar sessions
- > Experimental learning sessions i.e., Industrial Tour
- > Projects
- Group discussion sessions
- ➢ Internet facility.
- Advance questions papers.
- > STTP
- > Placements

In order to enhance their confidence level, the department conducts different activities such as NSS, Cultural, and Sports to develop their overall personality



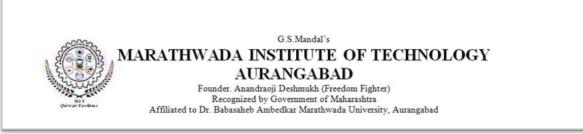
**Induction Programme and Bridge Course For First Year 2022-2023** Aim:

The Induction Programme is intended to facilitate the academic, cultural and social adjustment of the first year commencing students.

MIT CIDCO organizes "Induction Programme" for the first year students every year. The objective of the programme is to formally welcome the newly arrived students to MIT CIDCO family and assist them in starting their academic journey at MIT CIDCO, in view of this "Induction Programme" for parents and students of BCA, Bsc.(CS/IT) , B.Sc. (Auto/WT/RAC) first year was organized on 27<sup>th</sup> July, 2022 . The programme started with the welcome and video clip showing Introduction, Vision and Mission of MIT CIDCO.







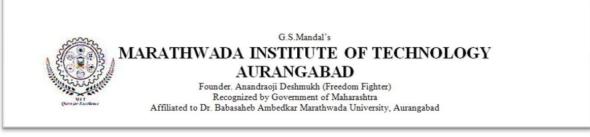
Asst. Prof. Neha Sahuji Conducted Quiz



One Quiz competition was taken on online on Kahoot online application 3 students got prizes as 1<sup>st</sup>, 2<sup>nd</sup>, and 3<sup>rd</sup> ranker. At the end of the program Vote of Thanks given by the Asst. Prof. Neha Sahuji.

**3** Days Bridge Course was organized for the newly admitted students.





Date - 29/07/2022

# **Notice**

All M.Sc. (C.S.) & M.Sc. (I.T.) - I year students are hereby informed that to fulfill the gap between UG and PG Syllabus we have scheduled one week as bridge course dated from 01/08/2022 to 07/008/2022 as per time table. Time table is displayed on notice board. Also sessions on revision of graduate syllabus will be conducted.

HOD PG Dept.



# Department of Computer Science and Information Technology [PG]

# Academic year 22-23

# **Topics Covered under Bridge Course**

Course Name	Syllabus Covered	Date & Time	Teacher
Data Structure	Sortings, Stack, Queue Binary search tree etc	01/08/2022 10.00 to 11.00	S.A.Vyavahare
DBMS	Normalization, SQL, ERD etc	01/08/2022 11.00 to 12.00	S.A.Vyavahare
Software Engineering	SDLC, Project Mgt, Waterfall model, DFD etc	02/08/2022 10.00 to 11.00	S.D.Mengade
Operating System	Job scheduling, Page replacement algorithms etc	02/08/2022 11.00 to 12.00	P.P. Ubale
CSA	Introduction to CSA, Gates, Multiplexer etc	03/08/2022 10.00 to 11.00	P.P. Ubale
C++	OOPs concepts, Data Types, Class etc	03/08/2022 11.00 to 12.00	Dr. S.D.Bacchao
Computer Organization	Basic structure of computer, organization and design, i/o organization etc	04/08/2022 10.00 to 12.00	M.S.Janjire
Fund. Of math & stat	Matrices, Mean, median, mode etc	05/08/2022 10.00 to 12.00	P.P. Ubale
Communication Skills	Nature and scope of communication, purpose of communication, verbal and non verbal	06/08/2022 10.00 to 12.00	R.U. Kale

#### NOTICE

All the students of B.C.A (Mgmt. Science) FY(Sem I), SY(Sem III) & TY(Sem IV) are hereby informed that the remedial solution schedule will start from 08/08/2022 to 13/08/2022 organizing remedial course. The Time table will be display on Notice board.

Offline classtest was conducted. Those students who got less marks in the class test, called for lecture and also It is open for all the students.

Head of Department

Principal



AURANGABAD Founder. Anandraoji Deshmukh (Freedom Fighter) Recognized by Government of Maharashtra Affiliated to Dr. Babasaheb Ambedkar Marathwada University, Aurangabad

#### TIME TABLE FOR REMEDIAL CLASSES MIT CIDCO Aurangabad Department of Management Science (BCA) Academic Year 2022-2023 (Sem-I,III,V) Remedial Classes Schedule

Class	Subject	Date	Time	Faculty Name	No. of student present	Sign
		8/08/2022			60	A
	Accountancy-I	9/08/2022	10 am to	Asst. Prof. S.R.Sapkal	63	122
	Accountancy	10/08/2022	11.00 am		63	91
		11/08/2022	11.00 am		61	
	Industrial Eco.	12/08/2022	to	Asst. Prof. P. Murkute	63	
	industrial cool	13/08/2022	12.00pm		62	
		8/08/2022	12.00 pm		60	-14
	Statistics	9/08/2022	to 1.00	Asst. Prof. B.D.Kadam	64	91×
BCA I	Statistics	10/08/2022	pm		62	
semester		11/08/2022			60	(a)
Jemeste.	BWT	12/08/2022	2.00 pm	Asst. Prof. S.M.Chavan	61	JO1
		13/08/2022	- to 3.00pm	l l	62	~
		8/08/2022	3.00 pm		61	~
	CS	9/08/2022	to 4.00	Asst. Prof. R.U. Kale	63	an
		10/08/2022	pm		64	T
		11/08/2022	4.00 pm		60	6 N
	OS	12/08/2022	to 5.00	Asst. Prof. S.M.Chavan	64	18/1
		13/08/2022	pm		63	-9/
1		8/08/2022			35	101
	EB	9/08/2022	10 am to	Asst. Prof. S.M.Chavan	32	(8)
		10/08/2022	11.00 am		36	X
		11/08/2022	2.00 pm		35	6
	B. Law	12/08/2022	to 3.00	Asst. Prof. S.R.Sapkal	32	A
1.65		13/08/2022	pm	Asst. Prof. S.R.Supkur	36	- 0
sdapnatu			11.00 am		36	
BCA III	PM	9/08/2022	to	Asst. Prof. B.D.Kadam	32	er!
Semester		10/08/2022	12.00pm	ASSC. FIOL. B.D.Rauan	35	y
		11/08/2022	12.00 pm		33	0
	OOPs	12/08/2022	to 1.00	Asst Draf C M Channe	33	-(a)
		13/08/2022	pm	Asst. Prof. S.M.Chavan		-0/
		8/08/2022	3.00 pm		36	51
	DS	9/08/2022	to 4.00	Acch Durf a start	34	-(8)
		10/08/2022	pm	Asst. Prof. S.M.Chavan	32	-198
	DBMS	11/08/2022	4.00 pm	Acres D. C. S. S. S.	35	1
		-,,		Asst. Prof. M.U.Girase	35	

		12/08/2022	1 TO 00		32	
		13/08/2022	to 5.00		36	
	Management	8/08/2022	pm 12.00 pm		16	
	A/c	9/08/2022	to 1.00	Asst. Prof. S.R.Sapkal	20	- 109
	,.	10/08/2022	pm		18	
		11/08/2022	11.00 am		16	- 017
	OB	12/08/2022	to 12.00pm	Asst. Prof. S.R.Sapkal	20	- 60,1
		13/08/2022			18	
	B&I	8/08/2022	3.00 pm	Asst.Prof. S.R.Sapkal	16	- 101
		9/08/2022			20	-1
BCAV		10/08/2022			18	9.
Semester		11/08/2022	10 am to	10 am to	16	
	SQL 2017	12/08/2022			20	
		13/08/2022			18	1
		8/08/2022	2.00 pm		15	-0
	VB	9/08/2022	to 3.00	Asst. Prof. S.M.Chavan	21	_ 01
		10/08/2022			18	
		11/08/2022	4.00 pm		17	
	SE	12/08/2022	to 5.00		20	
		13/08/2022	pm	Asst. Prof. M.U.Girase	18	

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Principal P

PRINCIPAL M.I.T. Cidco, Aurangabad

A PRINCIPAL M.I.T. Cidko, Aurangebad

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# NOTICE

All the students of B.C.A (Mgmt. Science) FY(Sem II), SY(Sem IV) & TY(Sem VI) are hereby informed that the remedial solution schedule will start from 20/02/2023 to 25/02/2023 organizing remedial course. classtest was conducted. Those students who got less marks in the class test, called for lecture and also It is open for all the students. Time Table will be display on Notice Board.

PRINCIPAL M.I.T. Cidco, Aurangabad

Head of Department

M.I.T. Cidco, Aurangabad



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#### TIME TABLE FOR REMEDIAL CLASSES MIT CIDCO Aurangabad Department of Management Science (BCA) Academic Year 2022-2023 (Sem-II,IV,VI) Remedial Classes Schedule

	Subject	Date	Time	Faculty Name	No. of student	Sign
	'C' Program.	20/02/2023			present	Cat
	ogram.	21/02/2023	02 pm to	• • • • • • • • • •	55	(8)
		22/02/2023	03.00 pm	Asst. Prof. S.M.Chavan	53 56	1 OI
	Linus	23/02/2023				
	UNIX	24/02/2023	03pm to		54 53	-
		25/02/2023	4.00 pm	Asst. Prof. M.U.Girase	57	-
1. j.		20/02/2023	04.00 pm		52	
BCAII	MATH	21/02/2023	to 5.00	Asst. Prof. B.D.Kadam	54	all
semester		22/02/2023	pm	ASSC. PTOL. B.D.Radam	56	90
semester		23/02/2023	pm		54	
	Acct	24/02/2023	02 pm to	Asst. Prof. S.R.Sapkal	53	1 aux
		25/02/2023	03.00 pm		56	- 00.
	PM	20/02/2023			52	
		21/02/2023	03pm to	Asst. Prof. P. Murkute	53	-
0		22/02/2023	4.00 pm	Asst. From Finderate	56	-
	ю	23/02/2023	04.00 pm		54	
		24/02/2023	to 5.00	Asst. Prof. M.U.Girase	53	-
		25/02/2023	pm		56	
	Cost Acct.	20/02/2023	10 am to		14	161
		21/02/2023		Asst. Prof. S.R.Sapkal	12	VAD
		22/02/2023	— 11.00 am		16	
		23/02/2023	2.00 pm		30	
		24/02/2023	to 3.00	Asst. Prof. S.R.Sapkal	32	
	B. Law	25/02/2023	pm		35	0
		20/02/2023	11.00 am		31	(0)
BCA IV		21/02/2023	to	Asst. Prof. S.M.Chavan	33	$ \odot $
Semester	JAVA	22/02/2023	12.00pm		33	
		23/02/2023	12.00 pm		32	
		23/02/2023	to 1.00	Asst. Prof. B.D.Kadam	32	P
	MIS	25/02/2023	pm	ASST. Prot. B.D.Kadam	35	5
		25/02/2023	3.00 pm		30	
	PCM	20/02/2023 21/02/2023	to 4.00	Asst. Prof. P. Murkute	32	

2)

					30	
e i		22/02/2023	pm		33	_
		23/02/2023	4.00 pm	Asst. Prof. R.U.Kale.	34	Jur
	Enterpren	24/02/2023	to 5.00		30	The
	Enterprett	25/02/2023	pm		15	
		20/02/2023	12.00 pm	Asst. Prof. S.R.Sapkal	14	65
	BLAW	21/02/2023	to 1.00		17	(N)
		22/02/2023	pm 11.00 am		13	~~~
F		23/02/2023	to 12.00pm 3.00 pm to 4.00	Asst. Prof. M.U. Girase	14	
	STQ Android	24/02/2023			17	
		25/02/2023		Asst.Prof. Shashibala Raw	12	
		20/02/2023			14	
BCA VI		21/02/2023			17	1 1
Semester		22/02/2023	pm		15	$\vdash$
		23/02/2023	10 am to	Asst. Prof. M.S.Janjire	14	1
-	ECP	24/02/2023	11.00 am	Asst. Prof. Missenjire	15	- 1
		25/02/2023			15	+
		20/02/2023	2.00 pm	Asst Drof P.D.Kadam	13	16
	SM	21/02/2023	to 3.00	Asst. Prof. B.D.Kadam		st:
		22/02/2023	pm		16	/

HOD

Principal M.I.T. Cidco, Aurangebe



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## **B.SC. AT-WT-RAC DEPARTMENT**

## ACADEMIC YEAR 2022-23 (IInd TERM)

## **CLASS TEST I NOTICE**

All Second & Third Year Students here by inform that Class Test I Schedule on 30-01-2023 (Monday) to 04-02-2023 (Saturday) offline in college. It is compulsory to all students.

Sr.			4	Class	& Subject Nar Time	ne	
No.	Date	Date Time	AT 2 <sup>nd</sup> Year	WT 2 <sup>nd</sup> Year	AT 3 <sup>rd</sup> Year	WT 3 <sup>rd</sup> Year	RAC 3 <sup>rd</sup> Year
1	30-01-2023	10.00-11.00	Machi	ine Drawing II	Auto. Tru. Maint. & Testing II	Robotics II	RAC Std.
2	31-01-2023	10.00-11.00	Trans. Sys II	Mfg. Process II	Vehicle Rule	IHP	RAC IT
3	01-02-2023	10.00-11.00	Ind. Org. & Mgt.		Mechati	onics II	RAC Safety
4	02-02-2023	10.00-11.00	Electric	Electrical Technology		Ind. Engg.	SEA
5	03-02-2023	10.00-11.00	Engine II	Heat Transfer	AutoCAD		RAC Maint.
6	04-02-2023	10.00-11.00	Auto. Tools	Strength of Material	Ent	. Dev. Progra	m II

Syllabus from Class Test: Syllabus Completed till Saturday, 28-01-2023

Head of Department HOD (Dept. of Auio. Tech/WT/RAC) M.I.T. Cideo, Aurangabad

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PRINCIPAL M.I.T. Cidco, Aurangabad

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institute (	S.Mandal's	G.S.Mandal's		
B.Sc. AT-V	S.Mandal's of Technology, Cidco, Aurangabad NT-RAC Department	Marathwada Institute of Technology, Cldco, Aurangabad		
Class Test I (2022-23	WT-RAC Department lind Term) AT-WT Second Year	B.Sc. AT-WT-RAC Departm	nent	
Subject : IOM	Total Marks : 20 Marks	Class Test I (2022-23 lind Term) AT-V		
2.1 is compulsory. Solve any three fi	rom Q.2 to Q.5	Subject : Machine Drawing II	Total Marks : 20 Marks	
1.1 Multiple Choice Questions		Q.1 is compulsory. Solve any three from Q.2 to Q.5		
. When an individual	5 Marks	Q.1 Multiple Choice Questions	5 Marks	
exercises and e	enjoys the rights in his own interest is called as	Q.1 Multiple Choice Questions 1. Which one of the following is a positive drive?		
A. Partnership	B. Single ownership	a) Crossed flat belt drive b) Ro	pe drive	
C. Cooprative organization		c) V-belt drive d) Ch	ain drive	
2. The buisness of carpenter, plumber	,etc is an example of	2. The power transmitted by a belt is maximum, when	n the tension in the belt (T) is	
	rge scale	equal to		
C. Medium scale D. So	cial entrepreneurship	a) Tc b) 2Tc c) 3Tc	d) 4Tc	
<ol><li>which of the following is not a econ</li></ol>	omic factor of entrepreneurship	3. The v-belt drive isbecause the slip between	the belt & the pulley	
levelopment	Shake at the second states of	grooven is negligible	a second a	
A. Market B. Capital	C. labour 👘 D. Family background	a) Negative b) Neutral c) Pos	sitive d) Can't say	
. planning can be defined as		4. The chain drive transmits power as compared	to belt drive.	
A. performance B. Risk	calific an art set and a start from and for	a) more ··· b) less _···· c) equal·· d) nor	ne of the mentioned	
C. Action D. Dec	iding beforehand	5. The disadvantages of the V-belt drive over flat belt of	drive are	
. 'What if ' scenario comes under whit	ch type of planing	a) The V-belt drive cannot be used with large centre di	istances.	
A. operational B. Contingency	C. Strategic D. Tactical	b) The V-belts are not so durable as flat belts.		
.2 explain the concept of single owne	rship in brief 5 Marks	c) The construction of pulleys for V-belts is more comp	plicated than pulleys for flat	
.3 what are the different government	policies for small scale industries 5 Marks	belts. Interpretent of the second state of the		
.4 what are the functions of an entrep	preneur 5 Marks	d) all of the mentioned		
5 define planning and enlist steps inv	olved in planning. 5 Marks	Q.2 What is pulleys? Explain v-belt pulley	5 Marks	
enderstanders (endersterstersterstersterstersterstersterst	Charter the specie family and a second start	Q.3 What is built-up pulley?	5 Marks	
	$\mathbb{E} \left[ (x_1, \dots, x_{n-1}) \mathbb{E} \left[ x_1^{n-1} x_1 + x_1 + x_2 + \dots + x_{n-1} + \dots + x_n + x_$	Q.4 What is Tooth proportion	5 Marks	
		Q.5 What is Spur gear explain with neat diagram	5 Marks	
And the first of the second second second	the second and the second states	etiste è	and we have the second of the	

G.S.Man	dal's
Marathwada Institute of Tech	nology, Cidco, Aurangabad
B.Sc. AT-WT-RAC	Department
Class Test I (2022-23 IInd Te	rm) AT-WT Second Year
Subject : ET	Total Marks : 20 Marks
Q.1 is compulsory. Solve any three from Q.	2 to Q.5 C
Q.1 Multiple Choice Questions	5 Marks
1. What is The Basic Three Electrical Quanti	ties. 1
A.Resistance, Capacitance, Inductance	B.Power, Voltage, Conductance
C.Voltage, Current, Resistance(Impedance)	D.Current , Reluctance, Inductance
2. In case of Short Circuit,Current wi	ll flow in the Circuit. 2
A.Zero. B.Very Low C.No	rmal. D.Infinite
3. Ω (Ohm) is the Unit of?	<ul> <li>Subjects (Specific subjects)</li> <li>3)</li> </ul>
A.Resistance (R) B.Inc	luctive Reactance ( XL)
C.Capacitive Reactance (Xc) D.All	
4.Siemens or Mho (U) is the unit of	<u></u> ?
A.Conductance B.Admittance	to the first intervention of the
C.Both 1 & 2 D.None of the	above 1 white to include within 5)
5.A Buchholz relay can be installed on	
A. Auto-transformers B. Air	-cooled transformers
C. Welding transformers D. Oil	cooled transformers
Q.2.Explain difference between AC and DC.	Q2
Q.3.Explain single phase and three phase supp	ly system 5 Marks
Q.4.Explain working principle of Transformer.	5 Marks Q4

G	.S.Mandal's
Marathwada Institute o	of Technology, Cidco, Aurangabad
	VT-RAC Department
	3 lind Term) AT Second Year
Subject : AT Q.1 is compulsory. Solve any three fr	Total Marks : 20 Marks
1962	1. M. C. 1
2.1 Multiple Choice Questions	5 Marks
l) Feeler Gauge is used for measuring	- State of the second second second
a. Clearance between Gap	b. Pasting material .
Louis at a the harden and a star	and the second sec
C. to measure length	d. to measure width
) Is used for measurement	of gap between electrode of spark plug.
a. Thickness gauge b. Mic	crometers. C. Vernier caliper d. scale
) In ratchet knob position should be l	kept at for tightening.
a. right b. left	c. medal position d. none
) Which of the following is not a hand	i tool.
a. extension bar b. spa	nner c. mallet d. power saw
Identify the odd of following –	
a. speed handle	d. socket
c. extension bar	d. sliding offset handle
2) Describe how to use ratchet with r	neat sketch. 5 Marks
B) Draw any two types of Pliers.	5 Marks
	should taken while using auto tools. 5 Mark



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C Mandalla S	G.S.Mandal's				
G.S.Mandal's	Marathwada Institute of Technology, Cidco, Aurangabad				
Marathwada Institute of Technology, Cidco, Aurangabad B.Sc. AT-WT-RAC Department	B.Sc. AT-WT-RAC Department				
Class Test I (2022-23 IInd Term) AT-RAC First Year	Class Test I (2022-23 IInd Term) AT-RAC First Year				
Subject : Elements of Mech. Engg, Total Marks : 20 Marks	Subject : Engg. Material , Total Marks : 20 Marks				
Q.1 is compulsory. Solve any three from Q.2 to Q.5	Q.1 is compulsory. Solve any three from Q.2 to Q.5				
Q.1 Multiple Choice Questions 5 Marks	01) Amorphous solids have structure.				
1. An open system is one in which?	a) Regular b) Linear c) Irregular d) Dendritic				
A. Mass does not cross boundaries of the system, through energy may do so	02) Which of the following is a property of non-metallic crystals?				
B. Neither mass nor energy crosses the boundaries of the system	a) Highly ductile b) Less brittle c) Low electrical conductivity d) FCC structure				
C. Both energy and mass cross the boundaries of the system	03) Which of the following is not an amorphous material?				
D. Mass crosses the boundary but not the energy	a) Glass b) Plastics c) Lead d) Rubbers				
2. Which of the following is constant in a closed system?	04)The smallest portion of the lattice is known as				
a) Energy b) Mass c) Temperature d) Momentum	a) Lattice structure b) Lattice point c) Bravais crystal d) Unit cell				
3. Which of the following is not a unit of temperature?	05) The tendency of a deformed solid to regain its actual proportions instantly				
a) Celsius b) Fahrenheit c) Therm d) Rankine	upon unloading known as				
4. Which of the following is not a unit of pressure?	a) Perfectly elastic b) Delayed elasticity c) Inelastic effect d) Plasticity				
a) Bar b) N/m <sup>2</sup> c) Kg/m <sup>2</sup> d) Torr	Q.2)Explain Classification of engineering materials 05 MARKS				
5. How many Pascal does 1 bar have?	Q.3) Explain Structure-property relationship in engineering materials 05 MARKS				
a) $10^4$ b) $10^5$ c) $10^6$ d) $10^7$	Q.4) Explain Defects in solids and the generative determination of the end of MARKS)				
Q.2 Explain with neat sketch System, Surrounding and Boundary? 5 Marks	Q.5) Explain stress, strain and creep 05 MARKS)				
Q.3 Explain the working principle of Pressure measuring instrument, Explain any					
one? 5 Marks	10.62				
Q.4 Define all following terms 5 Marks					
a) Specific Volume b) Density c) Energy d) Heat					

e) Work

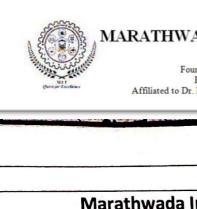
Q.5 What is Dimensions and units of physical quantity?

5 Marks

# G.S.Mandal's MARATHWADA INSTITUTE OF TECHNOLOGY AURANGABAD Founder. Anandraoji Deshmukh (Freedom Fighter) Recognized by Government of Maharashtra

B.Sc. AT-WT-RAC Department	B.Sc. AT-WT-RAC Department		
Class Test I (2022-23 IInd Term) AT-RAC First Year	Class Test I (2022-23 IInd Term) AT-RAC First Year		
	Tabilas I and		
Subject : Engg. Mechanics I			
4. A start definition of the start of the	Subject: Engineering Mechanics II		
Subject: Engineering Mechanics I			
	Solve any three from Q.2 to Q.5		
Q.1 is compulsory. Solve any three from Q.2 to Q.5	Q.1 Fill in the blanks: (5 Marks)		
Q.1 Fill in the blanks (5 Marks)	i. Which of the following statements describes the resultant of two forces?		
	a. Force that maintains the system in equilibrium		
i. Theis the basic law in mechanics. a. Newtons' law of viscosity b. Parallelogram law	b. Force that has the highest magnitude in the system		
a. Newtons' law of viscosity b. Parallelogram law c. Newtons' laws of motion d. Hooke's law	c. Force that has the same effect as the two forces		
	d. Force that has the same effect as one force		
i. According to which of the following laws of mechanics a body remains/continue in its state of est or motion until it is disturbed by an external agent?	ii. The point of application where the total weight can be expected to be concentrated		
. Newton's first law of motion b. Newton's second law of motion	a. The surface of the body b. Centroid of the body		
Newton's third law of motion d. Superposition law	c. Centre of gravity of the body d. Moment of inertia		
i. For a simply supported beam, the moment at the support is always	iii. The resultant force acting in the couple is		
Maximum b. Zero c, Minimum d. Cannot be determined	a Infinite b. Zero		
and all a state of the state of	c. Twice the magnitude of single force d. Half the magnitude of the single force		
. If the sum of all the forces acting on a body is zero then the body may be in equilibrium			
ovided that forces are	iv. Moment of a force = × perpendicular distance.		
Concurrent b. Parallel c. Like parallel d. Unlike parallel	a. Weight b. Force c. Mass d. None of the above		
The force of friction always acts in the direction opposite to that	v. The forces whose line of action are parallel are called as forces.		
In which the body tends to move b. In which the body is moving	a. Parallel b. Collinear		
Both (a) and (b) d. None of the above	c. Concurrent d. Non-concurrent		
Explain different types of loads and supports. (5 Marks)	Q.2 State and prove Varignon's Theorem. (5 Marks)		
State the laws of friction. (5 Marks)	Q.3 What is couple? Write down the properties of the couple. (5 Marks)		
Explain the following terms: (5 Marks)			
ree Body Diagram (FBD) b. Laws of Motion	Q.4 Explain the following terms: (5 Marks)		
the Contraction of Contraction of the second structure	a. Moment of Inertia b. Radius of Gyration		
A ball weighing 150N is isspended vertically by a string attached to ceiling. Find the	Q.5 The Following forces act at a point as shown in figure. Find the magnitude of th		
nitude of force which should be applied horizontally which will make the string inclined at	force		
to the direction of force. Also determine tension in the string. Use Lami's theorem.	INCC.		
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G.S.Mandal's

G.S.Mandal's Marathwada Institute of Technology, Cidco, Aurangabad **B.Sc. AT-WT-RAC Department** Class Test I (2022-23 IInd Term) AT-RAC First Year **Total Marks : 20 Marks** Subject : Comm. Skills in English II Q.1 is compulsory. Solve any three from Q.2 to Q.5 5 Marks Q.1 Multiple Choice Questions 1) What message does the author send to the west? d) Spirituality c) Harmony a) Bold b) Love 2) The author's friend says it is better to face the brutal fact of being ----d) comfortable c) middle class b) poor a) rich 3) The author hopes to live in a world without -----d) aggression b) integration c) discrimination a) colour 4) Steve Job's attitude toward wealth was ----d) complex c) confusing b) concise a) clear 5) Where does the owner of the woods live? In ------. d) woods c) village b) town a) city 5M Q. 2) How does the poet seem to escape from battle? Q. 3) What threat does the speaker get from the landlord? 5M Q. 4) Write basic types of sentences with their suitable example. 5M Q. 5) What does he mean by freedom in Dr. Martin Luther King Jr. Speech?



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# Marathwada Institute of Technology, Cidco, Aurangabad

## **B.Sc. AT-WT-RAC Department**

#### Preliminary Exam (AY 2022-23 lst Term)

TY Automobile Technology-Transport Mgt.

are and a support			Salan San San San San San San San San San S
AT-TY-01	Vaibhav Rajendra Avhad	pur.	16
AT-TY-02	Yogesh Ramesh Dadke	AB-	47
AT-TY-03	Akshay Bandu Dhakane		03
AT-TY-04	Omkar Rajendra Dubile	AB	
AT-TY-05	Mukesh Madhavrao Idalgave	AB	00
AT-TY-06	Rohan Pandurang Jadhav	Kahen	00 09
AT-TY-07	Vishal Raju Jadhav	- Mishar	04
AT-TY-08	Rohit Arun Javare		05
AT-TY-09	Anand Madanrao Karhale (	Lang	05
AT-TY-10	Balraj Rajendra Kattul	Batst.	
AT-TY-11	Junaid Javed Khan	Q IL	06
AT-TY-12	Pratik Prakash Kulkarni	Tranko E 1040	08
AT-TY-13	Sagar Sharad Mahamune	0	10
AT-TY-14	Swapnil Manik More	Grappil	
AT-TY-15	Ajit Babasaheb Ovhal	- His	
AT-TY-16	Uzef Abbas Patel	1121091	06
AT-TY-17	Yogesh Subhash Patthe		05
AT-TY-18	Shivaji Keshavrao Rakhonde	Stakhands	08
AT-TY-19	Umesh Vishnu Solunke	Unesh:	01
AT-TY-20	Aasim Arefuddin Shaikh	Fasio	04
T-TY-21	Shoaib Ahmed Shaikh Hafeez Shaikh	The AR	and the second
T-TY-22	Shubham Chandrakant Sonale	FB AR	
T-TY-23	Shubham Karbhari Sotre		01
T-TY-24	Dhiraj Rajesh Sutar	D.R. sutar	06
	Danish Jilani Khalique Syed		04
T-TY-25	Salim Gulab Shaikh	- Sain	
T-TY-26	Sanket Sanjay Bhargodeo	13	<u> </u>
T-TY-27	Sanket Sanjay Entropy		1.1

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## G.S.Mandal's Marathwada Institute of Technology, Cidco, Aurangabad B.Sc. AT-WT-RAC Department Preliminary Exam (AY 2022-23 Ist Term)

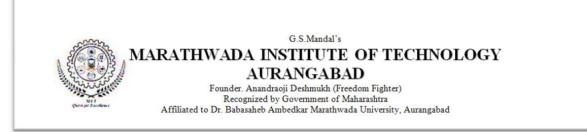
## SY Automobile Technology-Transmission System I

and a start of the start	Service Contraction of the	Contraction of the	A MONT
AT-SY-01	Aditya Pratap Bhosale	- AB-	
AT-SY-02	Kunal Avinash Gulde	-AB-	
AT-SY-03	Gaurav Kailash Kathale	(recentration	00
AT-SY-04	Ubaid Ali Khan	Vbarid	08 0
AT-SY-05	Aman Ul Haque Shaikh Irfan Shaikh	Aig=.	04
AT-SY-06	Navid Nadeem Shaikh	where a	04
AT-SY-07	Sohel Rafique Shaikh	Johes	07
AT-SY-08	Shubham Dnyaneshwar Shinde	AB-	AND NEWS
AT-SY-09	Arun Karbhari Sotre	- Autor	19 11
AT-SY-10	Sagar Ishwar Salve	-Sele-	00
AT-SY-11	Aniket Nitin Rasal	- AB	Salar and Salar
AT-SY-12	Abhijeet Shesharao Suryawanshi	- AB-	Tes S . He are
AT-SY-13	Areeb Ahmed Javeed Ahmed Shaikh	- AB	
AT-SY-14	Shoeb Ali Maqsood Ali	Æ	02

#### SY Workshop Technology-Manufacturing Process I

1

A to the other states and the states	Student Name	Sign	Marks
WT-SY-01	Somesh Madhav Bodkhe	- AB-	
WT-SY-02	Vedant Kishor Chavan	- AS	1 
WT-SY-03	Shravan Rangrao Chavhan	Shuban	03
WT-SY-04	Pravek Babaso Desai	P.B. Delai	02
WT-SY-05	Sachin Anil Gunthewar	- AB-	
WT-SY-06	Yogesh Raju Jadhav	Pjeedhav	62
WT-SY-07	Vivek Pravin Jagtap	-AB-	-
WT-SY-08	Saurabh Prakash Mapari	-AB	
WT-SY-09	Dayanand Ramchandra Nile	- AB	



# **Studetns Participation in Cultural Activities**







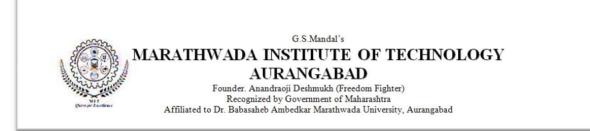
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## **Studetns Participation in NSS Activities**





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Awareness Act on Beti Bachao, Beti Padhao





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Road Play Act on "Importance of Blood Donation"



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N4-D Sector Plot no 24, near MIT Hospital, Kamgar Chowk, Sector N 4, Cidco, Aurangabad, Maharashtra 431003, India Lat 19.868044° Long 75.36586° 06/02/23 02:20 PM GMT +05:30









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# Felicitation of Avishkar Participants





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FOR SATISFACTORY COMPLETION OF COURSE FINAL EXAM 10th July 2022

> Em Styder Bizabeth Seyder



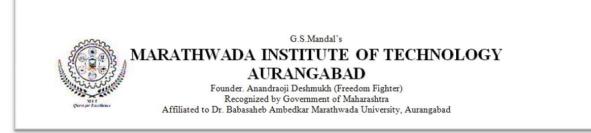
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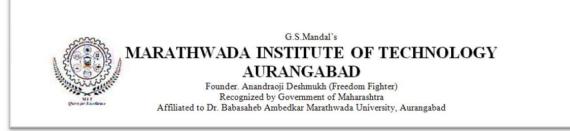
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