

MAHARASHI DAYANAND UNIVERSITY ROHTAK

No. ACS-II/F-79/2013/ 14024-14103
Dated 26/8/13

1. The Director,
UIET,
M.D. University, Rohtak
2. All the Principals/Directors of the Engineering
Colleges/Institutes affiliated to M.D. University,
Rohtak.

Sub: **Changes in syllabi for the session 2013-14.**

Sir/Madam,

It is intimated that there are changes in the following syllabi during the session 2013-14 as approved by the Faculty of Engg. & Technology in its meeting held on 24.7.2013:-

1. **B.Tech. (Mechanical Engg.) Vth semester paper code ME 321-F Applied Numerical Technique & Computing Lab**

Existing	Amended
The paper code ME-321-F Applied Numerical Technique & Computing Lab assigned the marks 50 as class work	Out of total 50 marks, the distribution should be as follows: i) Class Work – 25 marks ii) External Practical Examination- 25 marks

Subsequent change in grand total of class work and external practical examinations also be made.

2. **B.Tech 1st and 2nd semester**

Note for Examiner

Existing	Amended
Examiner will set 9 questions in total, with two questions from each section and one question covering all sections which will be Q.1 this Q.1 is compulsory and of short answers type. Each question carries equal marks (20 marks). Students have to attempt 5 questions in total	Examiner will set 9 questions in total, two questions from each section and one question covering all sections which will be Q.1. this Q.1 is compulsory and of short answers type. Each question carries equal marks (20 marks). Students have to attempt 5 questions in total, selecting at least one question from each section.

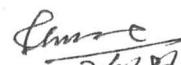
B.Tech. 1st and 2nd semester (Engg. Chemistry)

SECTION –A

Existing	Amended
PHASE RULE	NO CHANGE
Catalysis: Homogeneous, Heterogeneous and enzymatic. Concepts of promoters, inhibitors and poisoners.	Catalysis: Characteristics of catalytic Reactions, types of catalysis: Homogeneous catalysis, Heterogeneous catalysis, Autocatalysis and Induced catalysis. Mechanism of Catalytic action (Intermediate compound formation theory & adsorption theory). Concept of promoters, inhibitors and poisoners. Enzymatic catalysis: its characteristics, factors affecting, Mechanism (lock and key hypothesis).
SECTION –B	
Water and its Treatment : Part-I: Sources of water, impurities in water, hardness of water and its determination (EDTA method), Units of hardness, alkalinity of water and its determination, related numerical problems scale and sludge formation (composition properties and methods of prevention) Boiler corrosion and caustic embrittlement.	Water and its Treatment: Part I: Sources of water, impurities in water, hardness of water and its determination (EDTA method), Units of hardness , alkalinity of water and its determination, related numerical problems, scale and sludge formation(composition properties and methods of prevention) Boiler corrosion and caustic embrittlement. Proming and foaming.
Water and its Treatment : PART –II	NO CHANGE

It is, therefore, requested that the instructions to the students may be imparted accordingly.

Yours faithfully,


26/8/23
Incharge (Academic)

Enclst.No. ACS-II/F-79/2013/ 14104-07

Dated 26/8/13

Copy of the above is forwarded to the following for information and necessary action:-

1. The Controller of Examination, M.D. University, Rohtak.
- ✓ 2. The Director, Computer Centre, M.D. University, Rohtak. He is requested kindly arrange to upload this letter on the University website.
3. Asstt. Registrar (Secrecy), M.D. Univeristy, Rohtak.
4. Asstt. Registrar (R-III), M.D. University, Rohtak.

Sec. Ajay Wadhwa for n.a.
A
26/8/13

Sec
26/8/13
Incharge (Academic)
R 26/8
26/8/13