

MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR

**A Grant-in-Aid Autonomous Institute of Government of M.P India, Estd in 1957
(Affiliated to R.G.P.V. Bhopal M.P)**

SCHEME

(Under Flexible Curriculum)

**B. Tech..... with Minor
Specialization in Chemical Engineering**



Admitted Batch

(2018-2022)

**DEPARTMENT OF CHEMICAL
ENGINEERING**

MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR

(A Govt. Aided UGC Autonomous Institute Affiliated to RGPV, Bhopal)

Scheme of Examination

B. Tech. V Semester (Minor Specialization in Chemical Engineering)

For batches admitted in academic session July, 2018

S.No	Subject Code	Subject Name	Theory MOOC			Credits
			End Sem	Assignment/ Quiz	Total Marks	
1.	M170501	Heat Transfer	75	25	100	04
2.	M170502	Chemical Reaction Engineering – I	75	25	100	04
3.	M170503	Fluid and Particle Mechanics	75	25	100	04

Please follow the code for Minor course as follows:

MXXYYZZ represent:

M - Minor course

XX- department code

YY-semester

ZZ - serial no of the course

e.g. M110501

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Scheme of Examination

B. Tech. VI Semester (Minor Specialization in Chemical Engineering)

For batches admitted in academic session July, 2018

S.No	Subject Code	Subject Name	Theory MOOC			Credits
			End Sem	Assignment/ Quiz	Total Marks	
1.	M170601	Process Control – Design, Analysis and Assessment	75	25	100	04
2.	M170602	Membrane Technology	75	25	100	04
3.	M170603	Basic Principles and Calculations in Chemical Engineering	75	25	100	04

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YY-semester

ZZ - serial no of the course

e.g. M110501

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Scheme of Examination

B. Tech. VII Semester (Minor Specialization in Chemical Engineering)

For batches admitted in academic session July, 2018

S.No	Subject Code	Subject Name	Theory MOOC			Credits
			End Sem	Assignment/ Quiz	Total Marks	
1.	M170701	Fluidization Engineering	75	25	100	04
2.	M170702	Polymers: Concepts, Properties, Uses and Sustainability	75	25	100	04
3.	M170703	Transport Phenomena of Non – Newtonian Fluids	75	25	100	04

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e.g. M110501

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Scheme of Examination

B. Tech. VIII Semester (Minor Specialization in Chemical Engineering)

For batches admitted in academic session July, 2018

S.No	Subject Code	Subject Name	Theory MOOC			Credits
			End Sem	Assignment/ Quiz	Total Marks	
1.	M170801	Transport Processes I: Heat and Mass Transfer	75	25	100	04
2.	M170802	Chemical Engineering Thermodynamics	75	25	100	04
3.	M170803	Chemical Process Instrumentation	75	25	100	04

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MXXYYZZ represent:

M - Minor course

XX- department code

YY-semester

ZZ - serial no of the course

e.g. M110501