



JSPM UNIVERSITY PUNE

Recognized by UGC u/s 2 (f) of UGC Act 1956 and enacted by the
State Government of Maharashtra - JSPM University Act, 2022 (Mah.IV of 2023)

JSPM University Pune

Faculty of Science and Technology

School of Basic and Applied Sciences



NEP aligned Curriculum Structure

for

PhD (Chemistry)

(Effective from AY: 2024-25)

3rd/4th
Batch



JSPM University Pune

FACULTY OF SCIENCE & TECHNOLOGY

SCHOOL OF BASIC AND APPLIED SCIENCES

DOCTOR OF PHILOSOPHY (CHEMISTRY)

COURSE STRUCTURE (NEP 2020 Aligned)

W. E. F

2024-2025

RELEASE DATE

01/07/2024

REVISION NO.

1.0 (NEP)

SEMESTER I (LEVEL 8)

TYPE	CODE	COURSE NAME	TEACHING SCHEME				EXAMINATION SCHEME AND MARKS								TOTAL	CREDITS
			Hours / Week				THEORY (Equal Weightage for CIE and ESE)			PRACTICAL (Equal Weightage for CIE and ESE)		ORAL (Equal Weightage for CIE and ESE)				
			L	T	P	EL	CONTINUOUS IN SEMESTER EVALUATION (100 Marks)			END SEMESTER EXAMINATION (100 / 50 Marks)	CONTINUOUS IN SEMESTER EVALUATION (50 Marks)	END SEMESTER EXAMINATION (50 Marks)	CONTINUOUS IN SEMESTER EVALUATION (50 Marks)	END SEMESTER EXAMINATION (50 Marks)		
							T1 (30 Marks)	T2 (30 Marks)	Assignments (40 Marks)							
PSMC	230GMAD01	Foundations of Mathematical Modelling Statistical Techniques	3	-	-	-	30	30	40	100	-	-	-	-	100	3
PCC	-	Domain Specific Course/ MOOC	3	-	-	-	30	30	40	100	-	-	-	-	100	3
	-	Domain Specific Course/ MOOC	3	-	-	-	30	30	40	100	-	-	-	-	100	3
RMC	231IRMD01	Research Publication and Ethics	2	-	-	-	30	30	40	100	-	-	-	-	100	3
	231IRMD02	Research Proposal Writing	1	1	-	-	-	-	-	-	-	-	-	50	50	2
	231IRMD03	Writing Literature Review	2	-	-	-	-	-	-	-	-	-	50	50	50	2
SLC	231ISRD01	Seminar	-	-	-	4	-	-	-	-	-	-	50	50	50	2
GRAND TOTAL			14	1	-	4	-	-	-	-	-	-	50	50	500	16

L-Lecture
Format No.: JSPMUni/ACAD/001

T-Tutorial
Rev. No.:1.0

P-Practical Session (Laboratory)
Rev. Date:01/07/2024

EL-Experiential Learning
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PCC: Domain Specific Course (University/ MOOC)

Course Code	Domain Specific Course (University)
230GCHD01	Advanced Materials for Hydrogen Generation
230GCHD02	Modern Spectroscopic Techniques in Material Science


Course Code	Domain Specific Course (MOOC)
230GCHD03	Fundamentals of Spectroscopy
230GCHD04	Advances in Instrumentation and Chemical Data Analysis
230GCHD05	Introduction to Polymer Science
230GCHD06	Inorganic Materials of Industrial Importance



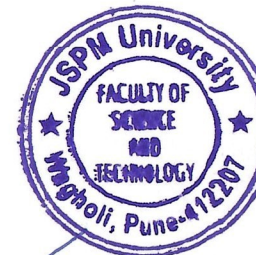
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Director (RIIL),
JSPM University Pune



Dr. Anuradha S. Deshpande
Associate Dean Academics,
JSPM University Pune

Dean
FACULTY OF SCIENCE AND TECHNOLOGY
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Prof. B.B. Ahuja
Vice Chancellor,
JSPM University Pune

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