



JSS MAHAVIDYAPEETHA
JSS ACADEMY OF TECHNICAL EDUCATION, BENGALURU

DEPARTMENT OF CHEMISTRY

**Course Level Content beyond Syllabus
Assessment Year 2019-2020 (ODD Semester)**

Sl No	Course Name & Code	CO	Gaps Identified	Action Taken	% Of Students	Mapping with PO
1	Engg. Chemistry theory (18CHE12)	CO2	Electroplating process	Demo of preliminary treatment and electroplating of metal at AJDTC, JSS campus, JSSATEB	90%	PO1, PO2, PO3 & PO7
2	Engg. Chemistry lab (18CHEL16)	CO3	Conductometric determination of strong acid by using strong base	Experiment Conducted in regular lab	100%	PO1, PO2, PO3, PO5

HOD, CHEMISTRY

Dr. Mandali B.
Head, Department of Chemistry
JSS Academy of Technical Education
Uttarahalli - Mangaluru
Bengaluru - 560 030, INDIA



Course Level Content beyond Syllabus
Assessment Year 2019-2020 (EVEN Semester)

Sl No	Course Name & Code	CO	Gaps Identified	Action Taken	% Of Students	Mapping with PO
1	Engg. Chemistry theory (18CHE22)	CO2	Electroplating process	Covered in the Class	95%	PO1, PO2, PO3 & PO7
2	Engg. Chemistry lab (18CHEL26)	CO3	Conductometric determination of strong acid by using strong base	Covered in the lab	100%	PO1, PO2, PO3, PO5

HOD, CHEMISTRY

Dr. Mahesh B.

Head, Department of Chemistry
JSS Academy of Technical Education
Uttarahalli – Kengeri Road,
Bengaluru – 560 080, INDIA



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1	Engg. Chemistry theory (18CHE22)	CO2	Electroplating process	Covered in the Class	100%	PO1, PO2, PO3 & PO7
2	Engg. Chemistry lab (18CHEL26)	CO3	Conductometric determination of strong acid by using strong base	Covered in the lab	100%	PO1, PO2, PO3, PO5

HOD, CHEMISTRY

Dr. Mahesh D.

Head, Department of Chemistry
JSS Academy of Technical Education
JSS Road - Kengeri Road
Bengaluru - 560 078, K.A.



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Sl No	Course Name & Code	CO	Gaps Identified	Action Taken	% Of Students	Mapping with PO
1	Engg. Chemistry theory (18CHE12)	CO2	Electroplating process	Covered in the Class	100%	PO1, PO2, PO3 & PO7
2	Engg. Chemistry lab (18CHEL16)	CO3	Conductometric determination of strong acid by using strong base	Covered in the lab	100%	PO1, PO2, PO3, PO5

HOD, CHEMISTRY

Dr. Mahesh B.

Head, Department of Chemistry
JSS Academy of Technical Education
Uttarahalli – Kengeri Road,
Bengaluru – 560 080, INDIA



**Course Level Content beyond Syllabus
Assessment Year 2021-2022 (ODD Semester)**

Sl No	Course Name & Code	CO	Gaps Identified	Action Taken	% Of Students	Mapping with PO
1	Engg. Chemistry theory (21CHE12)	CO1	Basic principles of Electrochemistry including Faraday's laws	Covered in the class as a bridge cour	95%	PO1, PO2, PO3 & PO7
2	Engg. Chemistry theory (21CHE12)	CO2	Control of corrosion by proper selection and design of materials	Covered in the class	95%	PO1, PO2, PO3, PO7
3	Engg. Chemistry theory (21CHE12)	CO2	Surface preparation of metals and electroplating of Cu	Demonstration of electroplating in the lab	95%	PO1, PO2, PO3, PO7
4	Engg. Chemistry theory (21CHE12)	CO5	Practical aspects of volumetric analysis	Covered in the lab	95%	PO1, PO2, PO3, PO5, PO7
5	Engg. Chemistry Lab (21CHEL16)	CO3	Conductometric determination of strong acid by using strong base	Covered in the lab	100%	PO1, PO2, PO3, PO5

HOD, CHEMISTRY

Dr. Mahesh B.
Head, Department of Chemistry
JSS Academy of Technical Education
JSS Campus, Puttur Road,
Bengaluru - 560022
Ph: 080-26625222



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Sl No	Course Name & Code	CO	Gaps Identified	Action Taken	% Of Students	Mapping with PO
1	Engg. Chemistry theory (21CHE22)	CO1	Basic principles of Electrochemistry including Faraday's laws	Covered in the class as a bridge cour	95%	PO1, PO2, PO3 & PO7
2	Engg. Chemistry theory (21CHE22)	CO2	Control of corrosion by proper selection and design of materials	Covered in the class	95%	PO1, PO2, PO3, PO7
3	Engg. Chemistry theory (21CHE22)	CO2	Surface preparation of metals and electroplating of Cu	Demonstration of electroplating in the lab	95%	PO1, PO2, PO3, PO7
4	Engg. Chemistry theory (21CHE22)	CO5	Practical aspects of volumetric analysis	Covered in the lab	95%	PO1, PO2, PO3, PO5 PO7
5	Engg. Chemistry Lab (21CHEL26)	CO3	Conductometric determination of strong acid by using strong base	Covered in the lab	100%	PO1, PO2, PO3, PO5

HOD, CHEMISTRY

Dr. Mahesh
Head, Department of Chemistry
JSS Academy of Technical Education
Uttarahalli - Kengeri Road,
Bengaluru - 560 060, INDIA