

**"Effect of Water Pollution on Aquatic System"**

**A**

**DISSERTATION**

*Submitted in partial fulfillment of the requirement*

**For**

**Ph.D. Course Work**

**(PAT-2021)**

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# **"The Role of Metal Ions in Biological Systems"**

**A**

**DISSERTATION**

*Submitted in partial fulfillment of the requirement*

**For**

**Ph.D. Course Work**

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**"Advanced Chromatographic Methods: HPLC in Organic Chemistry"**

A

DISSERTATION

*Submitted in partial fulfillment of the requirement*

For

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(PAT-2021)

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**"Magnetic Measurement Techniques in Coordination Compounds:  
Methodologies and Applications"**

A

DISSERTATION

*Submitted in partial fulfillment of the requirement*

For

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# "Environmental Impacts of Organic Synthesis and the Role of Green Chemistry "

A

DISSERTATION

*Submitted in partial fulfillment of the requirement*

For

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**"Air Pollution and Human Health"**

**A**

**DISSERTATION**

*Submitted in partial fulfillment of the requirement*

**For**

**Ph.D. Course Work**

**(PAT-2021)**

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# **"Water Management in Cities"**

A

DISSERTATION

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**"Industrial Pollution- Effect on Human Health"**

**A**

**DISSERTATION**

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**For**

**Ph.D. Course Work**

**(PAT-2021)**

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**"Antituberculosis Drugs- A Review"**

A

DISSERTATION

*Submitted in partial fulfillment of the requirement*

For

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# **"Antihypertensive Drugs- A Review"**

A

DISSERTATION

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For

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**"Laboratory safety Measures in Organic Synthesis"**

A

DISSERTATION

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# **“Environmental Impact of Hazardous Organic Solvents”**

A

DISSERTATION

*Submitted in partial fulfillment of the requirement*

For

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**“Kinetics and Mechanisms of Chemical Reactions: Factors Influencing Reaction Rates”**

**A**

**DISSERTATION**

*Submitted in partial fulfillment of the requirement*

**For**

**Ph.D. Course Work**

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# **"Environmental Hazards Associated with Organic Synthesis"**

A

DISSERTATION

*Submitted in partial fulfillment of the requirement*

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# "Metal Complexes as Antibacterial Agents"

A

DISSERTATION

*Submitted in partial fulfillment of the requirement*

For

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# "Environmental Impacts of Organic Synthesis and the Role of Green Chemistry"

A

DISSERTATION

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# "Metal Complexes in Catalysis"

A

DISSERTATION

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# "Magnetic Measurement Techniques in Coordination Compounds."

A

DISSERTATION

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**"Metal Complexes as Antifungal Agents: A Review"**

A

DISSERTATION

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**"Colorimetric Techniques for the Analysis of Organic and Coordination Compounds"**

**A**

**DISSERTATION**

*Submitted in partial fulfillment of the requirement*

**For**

**Ph.D. Course Work**

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**"Role of Metal Complexes in Cancer Treatment"**

**A**

**DISSERTATION**

*Submitted in partial fulfillment of the requirement*

**For**

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# **"Water Pollution: Causes & Remedies"**

**A**

**DISSERTATION**

*Submitted in partial fulfillment of the requirement*

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"Kinetics and Mechanisms of Chemical Reactions: Factors Influencing  
Reaction Rates"

A

DISSERTATION

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# 'Bio-Inorganic Chemistry: The Role of Metal Ions in Biological Systems'

A

DISSERTATION

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**“Biotechnology Methods to Control Industrial Pollution”**

**A**

**DISSERTATION**

*Submitted in partial fulfillment of the requirement*

**For**

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**(PAT-2019)**

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**“Labelling and Documentation of Laboratory Instruments for  
Efficient Research Management”**

A

DISSERTATION

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For

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**"Practice of Green Chemistry in Organic Synthesis"**

**A**

**DISSERTATION**

*Submitted in partial fulfillment of the requirement*

**For**

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**(PAT-2019)**

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**"Study of Antimalarial Agents"**

A

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**"Magnetic Measurement Techniques in Coordination Compounds:  
Methodologies and Applications"**

A

DISSERTATION

*Submitted in partial fulfillment of the requirement*

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**"Writing and Structuring Review Articles for International Journals: Best Practices and Techniques"**

A

DISSERTATION

*Submitted in partial fulfillment of the requirement*

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# "Bio-Inorganic Chemistry: The Role of Metal Ions in Biological Systems"

A

DISSERTATION

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"Research Methodology in Chemistry: From Defining Research Problems to Designing Experiments"

A

DISSERTATION

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# "Application of Spectral Methods in the Structural Elucidation of Organic Compounds"

A

DISSERTATION

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"Advanced Chromatographic Methods: Ion  
Exchange Chromatography in Organic Chemistry"

A

DISSERTATION

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**"Comparative Analysis of Sampling Techniques: Impact on Research  
Validity and Reliability"**

**A**

**DISSERTATION**

*Submitted in partial fulfillment of the requirement*

**For**

**Ph.D. Course Work**

**(PAT-2020)**

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# **"Advances in Electrochemical Techniques"**

A

DISSERTATION

*Submitted in partial fulfillment of the requirement*

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"Green Chemistry Practices- A Review "

A

DISSERTATION

*Submitted in partial fulfillment of the requirement*

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**"Role of Fe(II) ion In Biological Systems"**

A

DISSERTATION

*Submitted in partial fulfillment of the requirement*

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**"Colorimetric Methods for analysis of Ni(II) Complexes"**

A

DISSERTATION

*Submitted in partial fulfillment of the requirement*

For

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# "Colorimetric Methods for analysis of Co (II) and Co(III) Complexes"

A

DISSERTATION

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**"Recent Trends in Anti Tuberculosis Drug Synthesis"**

A

DISSERTATION

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# "Colorimetric Methods for analysis of Cu(II) Complexes"

A

DISSERTATION

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For

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**"A Single Molecule Multi Analyte Peptide Chemosensor for Transition  
Metal Ions Based on Azo Dye"**

A

DISSERTATION

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For

Ph.D. Course Work

(PAT-2020)

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**“Experimental Techniques for the Synthesis and Characterization of  
Organic Compounds”**

**A**

**DISSERTATION**

*Submitted in partial fulfillment of the requirement*

**For**

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**"Experimental Techniques for the Synthesis and Characterization of  
Inorganic Compounds "**

**A**

**DISSERTATION**

*Submitted in partial fulfillment of the requirement*

**For**

**Ph.D. Course Work**

**(PAT-2020)**

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**"Research Methodology in Chemistry: From Defining Research  
Problems to Designing Experiments "**

**A**

**DISSERTATION**

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**For**

**Ph.D. Course Work**

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**"Applications of Magnetic Measurements Methods for Complexes"**

A

DISSERTATION

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For

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# Application of IR Spectroscopy in the Structural Elucidation of Organic Compounds"

A

DISSERTATION

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For

Ph.D. Course Work

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**"Emerging Trends in Applied Chemical Science"**

**A**

**DISSERTATION**

*Submitted in partial fulfillment of the requirement*

**For**

**Ph.D. Course Work**

**(PAT-2020)**

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**“Study of Schiff Base Co-Ordination Compounds Containing Oxygen,  
Nitrogen and Sulphur Donor Atoms with Biocidal Active Ligands”**

**A**

**DISSERTATION**

*Submitted in partial fulfillment of the requirement*

**For**

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**“Statistical Analysis in Research: Applications and Limitations of  
Hypothesis Testing and Regression Techniques”**

A

DISSERTATION

*Submitted in partial fulfillment of the requirement*

For

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(PAT-2020)

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**"A Study of Water Pollution in Bore Wells"**

**A**

**DISSERTATION**

*Submitted in partial fulfillment of the requirement*

**For**

**Ph.D. Course Work**

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# **"Absorptive Removal of Arsenic from Water Using Biosorbent"**

A

DISSERTATION

*Submitted in partial fulfillment of the requirement*

For

Ph.D. Course Work

(PAT-2020)

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**"Research Methodology in Chemistry: From Defining Research Problems to Designing Experiments"**

A

DISSERTATION

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**"Synthesis and Characterization of Coordination Compounds:  
Techniques and Case Studies"**

A

DISSERTATION

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For

Ph.D. Course Work

(PAT-2020)

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**"Prins Cyclization Reaction"**

**A**

**DISSERTATION**

*Submitted in partial fulfillment of the requirement*

**For**

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**"Advanced Chromatographic Methods: HPTLC in Organic Chemistry"**

**A**

**DISSERTATION**

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**For**

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**"A study on Toxic Effects of Fly Ash"**

A

DISSERTATION

*Submitted in partial fulfillment of the requirement*

For

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**“Electrochemical Techniques in Analytical Chemistry: Applications and Advancements”**

**A**

**DISSERTATION**

*Submitted in partial fulfillment of the requirement*

**For**

**Ph.D. Course Work**

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**"Control Measures for Air Pollution"**

**A**

**DISSERTATION**

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"Preventive Measures for Aquatic Pollution "

A

DISSERTATION

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**"Review of Antifertility Drugs"**

**A**

**DISSERTATION**

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**“Objectives and Practices of Waste Management”**

**A**

**DISSERTATION**

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**"Recent Trends in NMR Technology"**

A

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