



Certificate of Dissertation

This is to certify that the dissertation entitled
**Therapeutic Applications of Gadolinium Complexes in Cancer Imaging
and Therapy"**

submitted by

Kalaswa Umesh Mulchand Bhai - 2256001001

*to Swarnim Science College, Swarnim Startup & Innovation University, in
partial fulfilment of the requirement for the award of the degree of*

Master of Science

In

Chemistry

for academic year 2023-24

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Certificate of Dissertation

This is to certify that the dissertation entitled

**"Synthesis of Organometallic Complexes for Antiparasitic Drug
Development"**

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Acharya Harshkumar Nareshbhai - 2256001002

*to Swarnim Science College, Swarnim Startup & Innovation University, in
partial fulfilment of the requirement for the award of the degree of*

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Certificate of Dissertation

This is to certify that the dissertation entitled
"Exploring the Role of Metal Ions in Alzheimer's Disease Therapy"

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Patel Sweta Bhikhabhai - 2256001003

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partial fulfilment of the requirement for the award of the degree of*

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This is to certify that the dissertation entitled
"Manganese-Based Catalysts for Prodrug Activation in Cancer Treatment"

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Sabhaya Urvisha Mukeshbhai - 2256001004

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partial fulfilment of the requirement for the award of the degree of*

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Certificate of Dissertation

This is to certify that the dissertation entitled

"Bismuth Compounds in Gastrointestinal Treatments: Synthesis and Efficacy Studies"

submitted by

Feniben Patel - 2256001005

to Swarnim Science College, Swarnim Startup & Innovation University, in partial fulfilment of the requirement for the award of the degree of

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Certificate of Dissertation

This is to certify that the dissertation entitled
"Development of Metal-Organic Frameworks (MOFs) for Controlled Drug Release"

submitted by

Patel Bipinkumar Jayeshbhai - 2256001006

*to Swarnim Science College, Swarnim Startup & Innovation University, in
partial fulfilment of the requirement for the award of the degree of*

Master of Science

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Certificate of Dissertation

This is to certify that the dissertation entitled

"Gallium Compounds in Antibacterial and Antifungal Therapy"

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Patel Charmiben Vishnubhai - 2256001007

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Certificate of Dissertation

This is to certify that the dissertation entitled

"Metal-Based Enzyme Mimics as Therapeutic Agents"

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Patel Viraj Prakashbhai - 2256001008

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partial fulfilment of the requirement for the award of the degree of*

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Certificate of Dissertation

This is to certify that the dissertation entitled

"Inorganic Coordination Complexes in Anticancer Drug Design"

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Patel Apurvakumar Chetanbhai - 2256001009

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Certificate of Dissertation

This is to certify that the dissertation entitled

**Development and Validation of stability indicating PR -HPLC assay
method for estimation of Delafloxacin meglumine in Pharmaceutical
dosage form**

submitted by

Gohil Vishwajit Raghvendrasiinh - 2256001010

*to Swarnim Science College, Swarnim Startup & Innovation University, in
partial fulfilment of the requirement for the award of the degree of*

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This is to certify that the dissertation entitled
Assay of two different Medicines by HPLC
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Desai Meet Jayendrakumar - 2256001011

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Patel Hiren Dashrathbhai - 2256001012

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This is to certify that the dissertation entitled
Analytical Techniques for quality control in Pharmaceutical Products
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Patel Rutvi Dilipbhai - 2256001013

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Certificate of Dissertation

This is to certify that the dissertation entitled

**"Synthesis and Biological Activities of Nickel Complexes in Antiviral
Therapy"**

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Rojivadiya Hit Bharatbhai - 2256001014

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partial fulfilment of the requirement for the award of the degree of*

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Certificate of Dissertation

This is to certify that the dissertation entitled

Distillation Column

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Dodiya Harpalsinh Jesingbhai - 2256001015

*to Swarnim Science College, Swarnim Startup & Innovation University, in
partial fulfilment of the requirement for the award of the degree of*

Master of Science

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Certificate of Dissertation

This is to certify that the dissertation entitled

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Chavda Anandkumar Abhesinhbhai - 2256001016

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Certificate of Dissertation

This is to certify that the dissertation entitled

**"Inorganic Compounds as Radiopharmaceuticals for Imaging and
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Parmar Raviraj Vinodkumar - 2256001017

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partial fulfilment of the requirement for the award of the degree of*

Master of Science

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Certificate of Dissertation

This is to certify that the dissertation entitled
"Selenium-Containing Metal Complexes in Cancer Chemoprevention"

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Patel Shashang Bharatbhai - 2256001018

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This is to certify that the dissertation entitled

"Development of Iron-Based Therapeutics for Anemia Treatment"

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Patidar Janakkumar Ashokbhai - 2256001019

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Compressibility of Paracetamol

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Malhotra Mahima Dineshbhai - 2256001020

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This is to certify that the dissertation entitled
"Synthesis of Inorganic Scaffolds for Bone Regeneration Applications"

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Patel Dhruv Sureshbhai - 2256001021

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This is to certify that the dissertation entitled
"Role of Metal Ion Homeostasis in Neurodegenerative Diseases and Drug Design"

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Solanki Harshsinh Arvindsinh - 2256001022

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Nickel Extraction From Gordes laterities by HCl leaching
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Patel Parth Dilipbhai - 2256001023

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Certificate of Dissertation

This is to certify that the dissertation entitled

"Inorganic Complexes as Catalysts for Drug Metabolism Studies"

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Bihola Dharmendrasinh Abhesinh - 2256001024

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Certificate of Dissertation

This is to certify that the dissertation entitled
"Design of Mercury-Free Dental Amalgams with Therapeutic Properties"
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Bhorniya Miralben Mansukhbhai - 2256001025

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Certificate of Dissertation

This is to certify that the dissertation entitled
**"Inorganic-Organic Hybrid Nanoparticles for Multimodal Imaging and
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Jadav Mehulkumar Jentibhai - 2256001026

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Certificate of Dissertation

This is to certify that the dissertation entitled
**Process Optimization for synthesis of Edaravone API and estimation by UV
Visible Spectrophotometric method**

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Panchal Kajal Maheshbhai - 2256001027

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Certificate of Dissertation

This is to certify that the dissertation entitled

"Design and Synthesis of Metal-Based Anticancer Agents"

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Dama Gayatri Jayantilal - 2256001028

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This is to certify that the dissertation entitled

"Bioinorganic Chemistry of Metal Complexes as Therapeutic Agents"

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Patel Drit Rajnikantbhai - 2256001029

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This is to certify that the dissertation entitled
"Development of Platinum-Based Drugs for Targeted Cancer Therapy"
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Gorfad Vishal Rajeshbhai - 2256001030

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This is to certify that the dissertation entitled
**"Synthesis and Biological Evaluation of Ruthenium Complexes as
Antitumor Agents"**

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Jadav Ajaybhai Manubhai - 2256001031

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This is to certify that the dissertation entitled
"Exploring the Therapeutic Potential of Gold Compounds in Rheumatoid Arthritis"

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Rathod Jayrajsinh Kanaksinh - 2256001032

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Certificate of Dissertation

This is to certify that the dissertation entitled

"Silver Nanoparticles: Synthesis, Characterization, and Antibacterial Applications"

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Patel Ronak Rameshkumar - 2256001033

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This is to certify that the dissertation entitled
"Mechanistic Studies of Iron Chelators in the Treatment of Iron Overload Disorders"

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Patel Mihir Rajnikant - 2256001034

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This is to certify that the dissertation entitled
**"Development of Lanthanide Complexes for Magnetic Resonance Imaging
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Prajapati Mitesh Gangaram - 2256001035

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Certificate of Dissertation

This is to certify that the dissertation entitled
"Inorganic Nanoparticles as Drug Delivery Systems for Cancer Therapy"
submitted by

Jadeja Kuldeepsinh Jitendrasinh - 2256001036

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Certificate of Dissertation

This is to certify that the dissertation entitled
**"Synthesis and Pharmacological Studies of Cobalt Complexes with
Antiviral Activity"**

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Parmar Yashpalsinh Mahendrasinh - 2256001037

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Certificate of Dissertation

This is to certify that the dissertation entitled

**"Copper Complexes as Anti-inflammatory Agents: Synthesis and
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Gohil Rushang Rajendrabhai - 2256001038

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Certificate of Dissertation

This is to certify that the dissertation entitled
"Design of Zinc-Based Metallodrugs for Neuroprotection"

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Kapadiya Ronak Dilipbhai - 2256001039

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Certificate of Dissertation

This is to certify that the dissertation entitled

"Transition Metal Complexes as Enzyme Inhibitors in Antimicrobial Therapy"

submitted by

Patel Sahilkumar Ashokbhai - 2256001040

to Swarnim Science College, Swarnim Startup & Innovation University, in partial fulfilment of the requirement for the award of the degree of

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Certificate of Dissertation

This is to certify that the dissertation entitled
"Inorganic-Organic Hybrid Materials for Drug Delivery Applications"

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Patel Tejaskumar Prakashbhai - 2256001041

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Certificate of Dissertation

This is to certify that the dissertation entitled
**"Titanium-Based Compounds in Chemotherapy: Synthesis and Biological
Evaluation"**

submitted by

Patel Rutvik Kumar Mukeshbhai - 2256001042

*to Swarnim Science College, Swarnim Startup & Innovation University, in
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Certificate of Dissertation

This is to certify that the dissertation entitled
**"Synthesis of Palladium Complexes for Potential Use in Photodynamic
Therapy"**

submitted by

Barad Prithviraj Ashwinbhai - 2256001043

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Certificate of Dissertation

This is to certify that the dissertation entitled

"Vanadium Compounds in Diabetes Treatment: Synthesis and Mechanistic

Insight

submitted by

Barot Rudra Sachinkumar - 2256001044

to Swarnim Science College, Swarnim Startup & Innovation University, in

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Certificate of Dissertation

This is to certify that the dissertation entitled
"Metal Complexes as Antimicrobial Agents: Synthesis and Mode of Action"
submitted by

Patel Jaykumar Prakashbhai - 2256001045

*to Swarnim Science College, Swarnim Startup & Innovation University, in
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Certificate of Dissertation

This is to certify that the dissertation entitled

**"Boron-Based Drugs in Cancer Therapy: Synthesis and Biological
Evaluation"**

submitted by

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