

This is to certify that the dissertation entitled

**Green Chemistry In Organic Synthesis** 

submitted by

Gosai Vishwa Ravindragiri - 2156101001

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

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75

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BHOYAN RATHOLY
Kalol, Gandhinana



This is to certify that the dissertation entitled

**Development Of Catalytic Antibodies** 

submitted by

Makvana Jaydev Mukeshbhai - 2156001001

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

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This is to certify that the dissertation entitled

Strategies For The Synthesis Of Polyketides

submitted by

Modi Nandkumar Vikrambhai - 2156001002

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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This is to certify that the dissertation entitled

**New Frontiers In C-C Bond Formation** 

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Parmar Mahavirsinh Mavasang - 2156001003

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

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**Master of Science** 

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Kalol, Gandhinagar



This is to certify that the dissertation entitled

**Chemical Tools For Epigenetic Studies** 

submitted by

Patel Datteshkumar Dilipkumar - 2156001004

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

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**Master of Science** 

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This is to certify that the dissertation entitled

Sustainable Approaches To Peptide Synthesis

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Patel Devansh Bharatbhai - 2156001005

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

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This is to certify that the dissertation entitled

**Advances In Metal-Free Catalysis** 

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Prajapati Dilipkumar Amrutlal - 2156001006

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

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**Master of Science** 

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**Strategies For The Synthesis Of Aromatic Compounds** 

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Sadhu Nandan Girishbhai - 2156001007

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This is to certify that the dissertation entitled

**Biosynthesis And Applications Of Polyphenols** 

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Solanki Satishkumar <mark>N</mark>agjibhai - 2156001008

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This is to certify that the dissertation entitled

**Transition Metal-Catalyzed Carbene Transfer Reactions** 

submitted by

Thakor Vinodkumar Pardhuji - 2156001009

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**Master of Science** 

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This is to certify that the dissertation entitled

**Development Of Therapeutic Enzyme Inhibitors** 

submitted by

Vyas Priyankkumar Raj<mark>en</mark>drakumar - 2156001010

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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This is to certify that the dissertation entitled

**New Methods In Carbohydrate Chemistry** 

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Patel Kunj Mahendrabhai - 2156001011

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

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**Design And Synthesis Of Molecular Probes** 

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Synthesis Of 2 Hydroxy 1-Napthaldehyde and It'S Metal Complex

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**Purnima Tiwari - 2156001013** 

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**Green Chemistry Strategies In Natural Product Synthesis** 

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Padariya Parita Ashokbhai - 2156001014

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

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**Development Of Glycopeptide Antibiotics** 

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Patel Chirag Vishnubhai - 2156001015

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**Master of Science** 

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**Synthetic Approaches To Natural Alkaloids** 

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This is to certify that the dissertation entitled

**Strategies For The Synthesis Of Heterocyclic Compounds** 

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Bhimani Milankumar Hasmukh - 2156001017

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**New Frontiers In Asymmetric Hydrogenation** 

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Chaudhari Suhagkumar Jayantilal - 2156001018

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**Chemical Biology Approaches To Target Identification** 

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**Sustainable Approaches To Macrocyclic Compounds** 

submitted by

Patel Krupa Anilkumar - 2156001020

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

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**Master of Science** 

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**Febuxostat Synthesis** 

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Patel Mihir Rajeshkumar - 2156001021

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**Synthetic Strategies For Natural Product Modification** 

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Patel Rahul Bhailalbhai - 2156001022

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**Master of Science** 

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This is to certify that the dissertation entitled

**Advances In The Chemistry Of Nitrogenous Heterocycles** 

submitted by

Thakor Jaydeepkumar Shaileshkumar - 2156001023

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

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**Drug Development Processes** 

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Prajapati Jay Arvindbhai - 2156001024

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

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This is to certify that the dissertation entitled

**Green Solvents In Polymer Chemistry** 

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Zala Vanrajsinh Lakhubha - 2156001025

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

**Hollow Fiber Membrane For Water Treatment** 

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Patel Utsav Dashrathbhai - 2156001026

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

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This is to certify that the dissertation entitled

Strategies For The Synthesis Of Bioactive Peptides

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Padashala Amisha Dineshbhai - 2156001027

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This is to certify that the dissertation entitled

**Development Of Organometallic Catalysts** 

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Chaudhari Dhaval Dahyabhai - 2156001028

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

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This is to certify that the dissertation entitled

**Advances In The Chemistry Of Spirocyclic Compounds** 

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Patel Sachin Kantilal - 2156001029

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

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This is to certify that the dissertation entitled

**Supramolecular Approaches To Drug Delivery Systems** 

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Patel Karan Rajubhai - 2156001030

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

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This is to certify that the dissertation entitled

**New Methods In Transition Metal-Catalyzed Cross-Coupling** 

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Patel Deep Dineshbhai - 2156001031

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This is to certify that the dissertation entitled

**Chemical Synthesis Of Nucleoside Analogues** 

submitted by

Patel Vyomkumar Bharatbhai - 2156001032

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Kalol, Gandhinagar



This is to certify that the dissertation entitled

**Bioorthogonal Chemistry: Applications In Drug Discovery** 

submitted by

Chavda Digvijaysinh Raghuji - 2156001033

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

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This is to certify that the dissertation entitled

**Sustainable Approaches To Natural Product Modification** 

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Patel Kuldipkumar Bharatbhai - 2156001034

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**Design And Synthesis Of Dna Binding Molecules** 

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Patel Parthkumar Pravinbhai - 2156001035

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**Hydrogination Reaction** 

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Patel Mitesh Sendhabhai - 2156001036

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This is to certify that the dissertation entitled

Manufacturing Process And Testing Of Microcrystalline Cellulose (Excipients)

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Prajapati Krunal Shaileshkumar - 2156001037

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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### **Chemistry**

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s<mark>ub</mark>mitted e<mark>ls</mark>ewhe<mark>re</mark> fo<mark>r a</mark>ny othe<mark>r</mark> deg<mark>ree</mark> or dipl<mark>om</mark>a.

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**Head of Department** Swarnim Science College





This is to certify that the dissertation entitled

**Strategies For The Synthesis Of Peptidomimetics** 

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Patel Harsh Jitendrakumar - 2156001038

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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**Head of Department** Swarnim Science College SSIU
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Kalol, Gandhinagar



This is to certify that the dissertation entitled

**Advances In The Chemistry Of Fluorinated Compounds** 

submitted by

Daraniya Hardikkumar Babulal - 2156001039

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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**Head of Department** Swarnim Science College SSIU
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Kalol, Gandhinana



This is to certify that the dissertation entitled

**Green Chemistry Approaches To Medicinal Chemistry** 

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Chavada Harpalsinh Ishwarji - 2156001040

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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**Head of Department** Swarnim Science College SSIU SSIU Kalol, Gandhinagar



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Synthetic Strategies For The Modification Of Natural Products

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Patel Tejas Shaileshkumar - 2156001041

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

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**Head of Department** Swarnim Science College SSIU
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This is to certify that the dissertation entitled

**Catalytic Methods For Carbon-Carbon Bond Formation** 

submitted by

Prajapati Miteshkumar Karshanbhai - 2156001042

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

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This is to certify that the dissertation entitled

**New Frontiers In Polymer Synthesis** 

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Dave Jaiminkumar Babulal - 2156001044

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This is to certify that the dissertation entitled

Innovative Approaches To Stereoselective Synthesis Of Pharmaceutical
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# SCIENCE COLLEGE

73

**Head of Department** Swarnim Science College





This is to certify that the dissertation entitled

**Chemical Tools For Protein Engineering** 

submitted by

Patel Jay Girishkumar - 2156001046

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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**Head of Department** Swarnim Science College SSIU
BHOYAN RATHOLY
Kalol, Gandhinagar



This is to certify that the dissertation entitled

**Development Of Metal-Organic Frameworks** 

submitted by

Prajapati Yashvantkumar Mahendrabhai - 2156001047

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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**Head of Department** Swarnim Science College SSIU
BHOYAN RATHOLY
Kalol, Gandhinagar



This is to certify that the dissertation entitled

**Sustainable Approaches To Transition Metal Catalysis** 

submitted by

**Upadhyay Devanshi Dhananjaykumar - 2156001048** 

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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**Head of Department** Swarnim Science College SSIU SSIU Kalol, Gandhinagar



This is to certify that the dissertation entitled

**Strategies For The Synthesis Of Natural Product Libraries** 

submitted by

Raval Ravikumar Kantibhai - 2156001049

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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BHOYAN RATHOLI
Kalol, Gandhinana



This is to certify that the dissertation entitled

**Synthetic Approaches To Chiral Materials** 

submitted by

Patel Harsh Sureshkumar - 2156001050

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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**Head of Department** Swarnim Science College SSIU
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This is to certify that the dissertation entitled

**Design And Synthesis Of Peptidomimetic Foldamers** 

submitted by

Rathod Krishnarajsinh Ranjitsinh - 2156001051

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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**Head of Department** Swarnim Science College SSIU SSIU Kalol, Gandhinagar



This is to certify that the dissertation entitled

Design And Synthesis Of Novel Anticancer Compounds Via Green
Chemistry Methods

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Bhatt Jalpa Maheshkumar - 2156001052

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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**Head of Department**Swarnim Science College





This is to certify that the dissertation entitled

**Manufacturing Of Tablets** 

submitted by

Patel Yashkumar Rajeshbhai - 2156001053

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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**Head of Department** Swarnim Science College SSIU
BHOYAN RATHOLY
Kalol, Gandhinana



This is to certify that the dissertation entitled

**Development Of Catalytic Asymmetric Reactions For Drug Synthesis** 

submitted by

Modi Parthkumar Mukeshbhai - 2156001054

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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**Head of Department** Swarnim Science College SSIU SSIU Kalol, Gandhinagar



This is to certify that the dissertation entitled

**Exploring The Synthesis Of Chiral Drugs Using Enantioselective Catalysis** 

submitted by

Limbadiya Arif Abdulraheman - 2156001055

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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This is to certify that the dissertation entitled

**Analysis Of Cetrizine Di Hcl Drug** 

submitted by

Dodiya Akash Mahendrabhai - 2156001056

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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Kalol, Gandhinagar



This is to certify that the dissertation entitled

Synthesis And Characterization Of Bromine-Based Flame Retardants For Industrial Applications

submitted by

Patel Harshkumar Ganapatbhai - 2156001057

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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SCIENCE COLLEGE

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**Head of Department**Swarnim Science College





This is to certify that the dissertation entitled

**Novel Strategies For The Synthesis Of Biologically Active Heterocycles** 

submitted by

Fuletra Jay Vrajlal - 2156001058

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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SWARMIM SCIENCE COLLEGE

73

**Head of Department** Swarnim Science College





This is to certify that the dissertation entitled

Synthesis Of Peptidomimetics: Applications In Drug Design And Development

submitted by

Pandya Shubham Jitendrakumar - 2156001059

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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# SCIENCE COLLEGE

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**Head of Department** Swarnim Science College





This is to certify that the dissertation entitled

**Multicomponent Reactions In The Synthesis Of Complex Drug Molecules** 

submitted by

Patel Darshkumar Jitendrakumar - 2156001060

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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**Head of Department** Swarnim Science College SSIU
BHOYAN RATHOLY
Kalol, Gandhinagar



This is to certify that the dissertation entitled

"Sustainable Synthesis Of Active Pharmaceutical Ingredients (Apis)"

submitted by

Patel Satyam Mukeshbhai - 2156001061

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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Chemistry

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SWARMIM SCIENCE COLLEGE

73

**Head of Department** Swarnim Science College SSIU
BHOYAN RATHOLY
Kalol, Gandhinagar



This is to certify that the dissertation entitled

"Advances In Organocatalysis For Drug Synthesis"

submitted by

Valand Parth Baldevbhai - 2156001062

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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**Head of Department** Swarnim Science College SSIU SSIU Kalol, Gandhinagar



This is to certify that the dissertation entitled

"Target-Oriented Synthesis Of Natural Product Derivatives With Therapeutic Potential"

submitted by

Sharma Janakkumar Rajendrakumar - 2156001063

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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This is to certify that the dissertation entitled

"Green Chemistry In The Production Of Renewable Energy Materials"

submitted by

Joshi Jinen Vrushilkumar - 2156001064

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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BHOYAN RATHOLY
Kalol, Gandhinagar



This is to certify that the dissertation entitled

"Sustainable Synthesis Of Vitamins And Nutraceuticals"

submitted by

Pansara Poonam Girdharbhai - 2156001065

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

"Green Chemistry In The Synthesis Of Biofuels"

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Patel Zankhanaben Hasmukhbhai - 2156001066

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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Kalol, Gandhinagar



This is to certify that the dissertation entitled

"Synthesis Of Green Nanoparticles For Catalysis"

submitted by

Prajapati Kamlesh Mohanbhai - 2156001067

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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This is to certify that the dissertation entitled

"Sustainable Approaches To Peptide Synthesis"

submitted by

Makwana Darshna Mahendrakumar - 2156001068

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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This is to certify that the dissertation entitled

**Dye Intermediate Synthesis** 

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Patel Pinkeshkumar Hasmukhbhai - 2156001069

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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This is to certify that the dissertation entitled

Synthesis Of Biologically Active Alkaloids Using Green Methods

submitted by

Patel Hasmukhkumar Ghanshyambhai - 2156001070

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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Kalol, Gandhinagar



This is to certify that the dissertation entitled

#### **Cephalosporin Product**

submitted by

Gohel Krishnakumar Chikubhai - 2156001071

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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**Head of Department** Swarnim Science College





This is to certify that the dissertation entitled

Green Chemistry In The Synthesis Of Insecticide

submitted by

Patel Akashkumar Dineshbhai - 2156001072

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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SWARMIM SCIENCE COLLEGE

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**Head of Department** Swarnim Science College SSIU SSIU Kalol, Gandhinagar



This is to certify that the dissertation entitled

"Greener Approaches To Electrosynthesis"

submitted by

Patel Maulik Hasmukhbhai - 2156001073

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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**Head of Department** Swarnim Science College SSIU
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Kalol, Gandhinagar



This is to certify that the dissertation entitled

"Greener Alternatives For Deprotection Reactions In Organic Synthesis"

submitted by

Gohil Chetansinh Gabhusinh - 2156001074

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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Kalol, Gandhinagar



This is to certify that the dissertation entitled

"Synthesis Of Antioxidants Using Green Chemistry Techniques"

submitted by

Sathavara Ankitkumar Maheshbhai - 2156001075

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

To Increase A Rate Of Filtration And Reduce Plugging In Belt Filter

submitted by

Jaiswal Mukesh Jagdishprasad - 2156001076

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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**Head of Department** Swarnim Science College SSIU
BHOYAN RATHOLY
Kalol, Gandhinagar



This is to certify that the dissertation entitled

"Sustainable Synthesis Of Pharmaceuticals Using Green Chemistry
Principles"

submitted by

Patel Chandrakant Dharmendrakumar - 2156001077

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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**Head of Department** Swarnim Science College





This is to certify that the dissertation entitled

"Development Of Green Catalysts For Organic Synthesis"

submitted by

Patel Ravindra Hasmukhbhai - 2156001078

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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**Head of Department** Swarnim Science College SSIU
BHOYAN RATHOLY
Kalol, Gandhinagar



This is to certify that the dissertation entitled

"Eco-Friendly Synthesis Of Heterocyclic Compounds"

submitted by

Parekh Mihir Dineshbhai - 2156001079

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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This is to certify that the dissertation entitled

"Utilization Of Renewable Feedstocks In Chemical Synthesis"

submitted by

Bhabhor Satish Kantibhai - 2156001080

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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**Head of Department** Swarnim Science College SSIU
BHOYAN RATHOLY
Kalol, Gandhinana



This is to certify that the dissertation entitled

"Design And Application Of Biodegradable Solvents In Green Chemistry"

submitted by

Patel Honeyben Jagdishbhai - 2156001081

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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**Head of Department** Swarnim Science College SSIU
BHOYAN RATHOLY
Kalol, Gandhinagar



This is to certify that the dissertation entitled

"Green Synthetic Methods For Anticancer Drugs"

submitted by

Patel Savankumar Vasantbhai - 2156001082

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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**Head of Department** Swarnim Science College SSIU
BHOYAN RATHOLY
Kalol, Gandhinagar



This is to certify that the dissertation entitled

"Microwave-Assisted Organic Synthesis: A Green Chemistry Approach"

submitted by

Pranami Madhavkumar Nareshbhai - 2156001083

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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**Head of Department** Swarnim Science College SSIU
BHOYAN RATHOLY
Kalol, Gandhinagar



This is to certify that the dissertation entitled

"Synthesis Of Natural Products Using Green Chemistry Techniques"

submitted by

Patel Krinaben Hasmukhbhai - 2156001084

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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**Head of Department** Swarnim Science College SSIU SSIU Kalol, Gandhinagar



This is to certify that the dissertation entitled

"Green Solvent Systems In The Synthesis Of Pharmaceuticals"

submitted by

Patel Abhishekkumar Prafulbhai - 2156001085

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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SWARMIM SCIENCE COLLEGE

73

**Head of Department** Swarnim Science College SSIU
BHOYAN RATHOLY
Kalol, Gandhinagar



This is to certify that the dissertation entitled

"Photocatalytic Methods For Organic Synthesis"

submitted by

Chavada Jaydipsinh Bakaji - 2156001086

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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SWARMIM SCIENCE COLLEGE

73

**Head of Department** Swarnim Science College SSIU SSIU Kalol, Gandhinagar



This is to certify that the dissertation entitled

"Green Chemistry Approaches To Asymmetric Synthesis"

submitted by

Savaniya Rakesh Bhikhabhai - 2156001087

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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**Head of Department** Swarnim Science College SSIU
BHOYAN RATHOLI
Kalol, Gandhinana



This is to certify that the dissertation entitled

"Water As A Green Solvent In Organic Synthesis"

submitted by

Patil Vaishnavee Anandrao - 2156001088

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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SWARMIM SCIENCE COLLEGE

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**Head of Department** Swarnim Science College SSIU
BHOYAN RATHOLY
Kalol, Gandhinagar



This is to certify that the dissertation entitled

"Greener Pathways For The Synthesis Of Active Pharmaceutical Ingredients"

submitted by

Patel Bhayesh Sureshbhai - 2156001089

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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**Head of Department**Swarnim Science College





This is to certify that the dissertation entitled

"Green Chemistry In The Synthesis Of Antibacterial Agents"

submitted by

Patel Jaiminkumar Rajubhai - 2156001090

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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SWARMIM SCIENCE COLLEGE

73

**Head of Department** Swarnim Science College SSIU
BHOYAN RATHOLY
Kalol, Gandhinagar



This is to certify that the dissertation entitled

"Utilization Of Biomass-Derived Chemicals In Organic Synthesis"

submitted by

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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

"Green Approaches To Metal-Free Catalysis In Drug Synthesis"

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This is to certify that the dissertation entitled

"Synthesis Of Bioactive Compounds Using Enzymatic Catalysis"

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**Head of Department** Swarnim Science College SSIU
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This is to certify that the dissertation entitled

"Development Of Green Synthetic Routes For Polymer Production"

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

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**Head of Department** Swarnim Science College SSIU
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This is to certify that the dissertation entitled

"Carbon Dioxide As A Renewable Feedstock In Organic Synthesis"

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This is to certify that the dissertation entitled

"Greener Alternatives To Traditional Oxidation Reactions"

submitted by

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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

"Sustainable Strategies For Reductive Transformations In Organic Synthesis"

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**Head of Department** Swarnim Science College





This is to certify that the dissertation entitled

"Solid-Phase Synthesis Techniques In Green Chemistry"

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Rajput Anjali Shailendrasingh - 2156001098

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

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**Head of Department** Swarnim Science College SSIU
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This is to certify that the dissertation entitled

"Greener Methods For The Functionalization Of Aromatic Compounds"

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

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**Head of Department** Swarnim Science College SSIU SSIU Kalol, Gandhinagar



This is to certify that the dissertation entitled

"Green Chemistry In The Synthesis Of Fluorinated Pharmaceuticals"

submitted by

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

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**Head of Department** Swarnim Science College SSIU
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This is to certify that the dissertation entitled

"Sustainable Catalysis For Carbon-Carbon Bond Formation"

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

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**Head of Department** Swarnim Science College SSIU
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This is to certify that the dissertation entitled

"Green Chemistry Approaches To Medicinal Chemistry"

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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

"Biocatalysis In The Synthesis Of Chiral Compounds"

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

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**Head of Department** Swarnim Science College SSIU
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This is to certify that the dissertation entitled

"Greener Strategies For Cross-Coupling Reactions"

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**Head of Department** Swarnim Science College SSIU
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This is to certify that the dissertation entitled

"Ionic Liquids As Green Solvents In Organic Synthesis"

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Patel Kaumil Satishkumar - 2156001106

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

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**Head of Department** Swarnim Science College SSIU
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This is to certify that the dissertation entitled

"Development Of Green Reagents For Organic Synthesis"

submitted by

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

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**Head of Department** Swarnim Science College SSIU
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This is to certify that the dissertation entitled

"Synthesis Of Agrochemicals Using Green Chemistry Principles"

submitted by

Patel Zeelkumar Rajendrakumar - 2156001108

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

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**Head of Department** Swarnim Science College SSIU
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This is to certify that the dissertation entitled

"Green Chemistry In The Production Of Fragrance And Flavor Compounds"

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**Head of Department**Swarnim Science College





This is to certify that the dissertation entitled

"Application Of Flow Chemistry In Green Synthesis"

submitted by

Malani Parth Rameshbhai - 2156001110

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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SWARMIM SCIENCE COLLEGE

73

**Head of Department** Swarnim Science College SSIU SSIU Kalol, Gandhinagar



This is to certify that the dissertation entitled

"Sustainable Approaches To Hydrogenation Reactions"

submitted by

Patel Hinay Nileshbhai - 2156001111

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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**Head of Department** Swarnim Science College SSIU
BHOYAN RATHOLY
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This is to certify that the dissertation entitled

"Green Chemistry Methods For The Synthesis Of Antiviral Agents"

submitted by

Patelmeetuben Yashvantkumar - 2156001112

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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**Head of Department** Swarnim Science College SSIU
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This is to certify that the dissertation entitled

"Utilizing Waste As Feedstock For Green Synthesis"

submitted by

Patel Jaykumar Hashmukhlal - 2156001113

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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**Head of Department** Swarnim Science College SSIU
BHOYAN RATHOLY
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This is to certify that the dissertation entitled

"Greener Techniques For Halogenation Reactions"

submitted by

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

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**Head of Department** Swarnim Science College SSIU SSIU Kalol, Gandhinagar



This is to certify that the dissertation entitled

"Sustainable Methods For The Synthesis Of Organometallic Compounds"

submitted by

Parsani Farhanbhai Attaullabhai - 2156001116

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This is to certify that the dissertation entitled

"Green Chemistry In The Development Of New Materials"

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Parsani Mahemudbhai - 2156001117

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This is to certify that the dissertation entitled

"Metal-Based Agents In Photothermal And Photodynamic Therapy"

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