



**PERIYAR
MANIAMMAI**
INSTITUTE OF SCIENCE & TECHNOLOGY
(Deemed to be University)
Established Under Sec. 3 of UGC Act, 1956 • NAAC Accredited
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Criterion 1 – Curricular Aspects

Key Indicator	1.3	Curriculum Enrichment
Metric	1.3.4	Percentage of students undertaking field projects / research projects / internships (Data for the latest completed academic year 2022-2023)

DEPARTMENT OF CHEMISTRY

S.No.	Description
1.	List of students undertaking the field projects/ research projects / internship program-wise in the last completed academic year along with the details of title, place of work etc.
2.	<ul style="list-style-type: none">• Internship / research projects completion certificate from the organization where internship / research projects was completed along with the duration.• Report of the field visit / sample photographs of the field visit / permission letter from the competent authority will be considered

Summery

S.No	Programme	No of students – Field Projects (a)	No of students – Research Projects (b)	No of students – Internships (c)	Total No of students (d)
1	B.Sc. Chemistry	-	15	14	15
2	M.Sc. Chemistry	-	12	-	12

List of students - Internship

DEPARTMENT OF CHEMISTRY
Academic Year: 2022 – 2023
INTERNSHIP

Degree / Branch: B.Sc. Chemistry
Year / Semester: III/V

Batch: 2020 - 2023

Students Name List


S. No.	Register Number	Name	Duration	Internship Offered by
1.	120011165033	ABINAYA B	06-06-2022 to 29-06-2022	PRAVEEN CHEM INDUSTRY, KARAİKAL
2.	120012165034	AJAY S	01-06-2022 to 28-06-2022	G. S PRODUCTS, KUMBAKONAM
3.	120011165035	BARANIKA R	01-06-2022 to 28-06-2022	G. S PRODUCTS, KUMBAKONAM
4.	120012165037	DHUSHINDHAN T	01-06-2022 to 21-06-2022	AMMAIYAR MILK DIARY, KARAİKAL
5.	120012165038	DHUVARAGESH K	01-06-2022 to 21-06-2022	AMMAIYAR MILK DIARY, KARAİKAL
6.	120011165039	DURGA DEVI R	06-06-2022 to 29-06-2022	PRAVEEN CHEM INDUSTRY, KARAİKAL
7.	120011165040	GOWSIKA R R	06-06-2022 to 29-06-2022	PRAVEEN CHEM INDUSTRY, KARAİKAL
8.	120011165042	NOORUL RIFAYA N	01-06-2022 to 24-06-2022	JOYS FOODS, THIRUVARUR.
9.	120012165043	RAJARAJAN T	01-06-2022 to 28-06-2022	G. S PRODUCTS, KUMBAKONAM
10.	120011165044	RAMAVIVINYA R	06-06-2022 to 29-06-2022	PRAVEEN CHEM INDUSTRY, KARAİKAL
11.	120011165045	SADHURTHIYA T	25-05-2022 to 14-06-2022	ADHITHYA TEXTILES PROCESS, VEERAPAND, TIRUPUR
12.	120012165046	SANTHOSH KUMAR R	01-06-2022 to 28-06-2022	G. S PRODUCTS, KUMBAKONAM
13.	120012165047	SUKUMAR S	01-06-2022 to 28-06-2022	G. S PRODUCTS, KUMBAKONAM
14.	120011165048	DIVYA S	06-06-2022 to 29-06-2022	PRAVEEN CHEM INDUSTRY, KARAİKAL

S. Gomathi
HOD / Chemistry
(Dr. S. Gomathi)



Centre for Institute Industry Interaction

Periyar Nagar, Vallam Thanjavur - 613 403, Tamil Nadu
Phone : +91 - 4362 - 264600 Fax : +91 - 4362 - 264690
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Form E

Overall Rating of Trainee
(To be issued by the company on completion of training)

1. Name of the student: ABINAYA Reg No: 12011165033

2. Course: - I/II/III year Academic Year: 2020-2023
Dept./Section: BSc-CHEMISTRY / A


3. Period of assessment:
From: 01.06.22 To: 29.06.22


4. Assessment / Remarks of the Training Office on the basis of work performed by the trainee:

S.No	Criteria	*Grades				
		A	B	C	D	E
a)	Technical Knowledge	✓				
b)	Commitment	✓				
c)	Willingness to learn	✓				
d)	Communication Skills	✓				
e)	Team Spirit	✓				
f)	Leadership	✓				
g)	Punctuality	✓				

*Grade assigned: A = Excellent, B = Very Good, C = Good, D = Fair, E = Satisfactory


5. Any other remarks or suggestions:


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Signature of Officer / Executive In-charge of Training

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1. Name of the student: S. Ajay Reg No: 120012165034

2. Course: - I/II/III year Academic Year: 2020 - 2023
Dept./Section: BSc chemistry


3. Period of assessment:
From: 01.06.22 To: 28.06.22


4. Assessment / Remarks of the Training Office on the basis of work performed by the trainee:

S.No	Criteria	*Grades				
		A	B	C	D	E
a)	Technical Knowledge	✓				
b)	Commitment	✓				
c)	Willingness to learn	✓				
d)	Communication Skills	✓				
e)	Team Spirit	✓				
f)	Leadership	✓				
g)	Punctuality	✓				

*Grade assigned: A = Excellent, B = Very Good, C = Good, D = Fair, E = Satisfactory


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Overall Rating of Trainee
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1. Name of the student: Basanika R Reg No: 12001165035

2. Course: - I/II/III year Academic Year: 2020-2023
Dept./Section: BSc chemistry / A


3. Period of assessment:
From: 01.06.22 To: 28.06.22


4. Assessment / Remarks of the Training Office on the basis of work performed by the trainee:

S.No	Criteria	*Grades				
		A	B	C	D	E
a)	Technical Knowledge	✓				
b)	Commitment	✓				
c)	Willingness to learn	✓				
d)	Communication Skills	✓				
e)	Team Spirit	✓				
f)	Leadership	✓				
g)	Punctuality	✓				

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5. Any other remarks or suggestions:


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1. Name of the student: T. Dhushirdhan Reg No: 120012165039

2. Course: - I/II/III year Academic Year: 2020 - 23
Dept./Section: BSc chemistry


3. Period of assessment:
From: 01.06.22 To: 21.06.22


4. Assessment / Remarks of the Training Office on the basis of work performed by the trainee:

S.No	Criteria	*Grades				
		A	B	C	D	E
a)	Technical Knowledge	✓				
b)	Commitment	✓				
c)	Willingness to learn	✓				
d)	Communication Skills	✓				
e)	Team Spirit	✓				
f)	Leadership	✓				
g)	Punctuality	✓				

*Grade assigned: A = Excellent, B = Very Good, C = Good, D = Fair, E = Satisfactory

5. Any other remarks or suggestions:

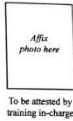

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Overall Rating of Trainee
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1. Name of the student: K. Dhwanagesh Reg No: 12001165028
 2. Course: -I/II/III year Academic Year: 2020-23
 Dept./Section: B.Sc Chemistry
 3. Period of assessment:
 From: 01.06.22 To: 21.06.22



To be attested by training in-charge

4. Assessment / Remarks of the Training Office on the basis of work performed by the trainee:

S.No	Criteria	*Grades				
		A	B	C	D	E
a)	Technical Knowledge	✓				
b)	Commitment	✓				
c)	Willingness to learn	✓				
d)	Communication Skills	✓				
e)	Team Spirit	✓				
f)	Leadership	✓				
g)	Punctuality	✓				

*Grade assigned: A = Excellent, B = Very Good, C = Good, D = Fair, E = Satisfactory

5. Any other remarks or suggestions:



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Overall Rating of Trainee
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1. Name of the student: Ridugadevi Reg No: 12001165039
 2. Course: -I/II/III year Academic Year: 2020-23
 Dept./Section: Chemistry
 3. Period of assessment:
 From: 06/06/2022 To: 29/06/2022



4. Assessment / Remarks of the Training Office on the basis of work performed by the trainee:

S.No	Criteria	*Grades				
		A	B	C	D	E
a)	Technical Knowledge	✓				
b)	Commitment	✓				
c)	Willingness to learn	✓				
d)	Communication Skills	✓				
e)	Team Spirit	✓				
f)	Leadership	✓				
g)	Punctuality	✓				

*Grade assigned: A = Excellent, B = Very Good, C = Good, D = Fair, E = Satisfactory

5. Any other remarks or suggestions:



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Overall Rating of Trainee
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1. Name of the student: R.R. Gowrika Reg No: 12001165046
 2. Course: -I/II/III year Academic Year: 2020-23
 Dept./Section: Chemistry / A
 3. Period of assessment:
 From: 06.06.2022 To: 29.06.2022



4. Assessment / Remarks of the Training Office on the basis of work performed by the trainee:

S.No	Criteria	*Grades				
		A	B	C	D	E
a)	Technical Knowledge	✓				
b)	Commitment	✓				
c)	Willingness to learn	✓				
d)	Communication Skills	✓				
e)	Team Spirit	✓				
f)	Leadership	✓				
g)	Punctuality	✓				

*Grade assigned: A = Excellent, B = Very Good, C = Good, D = Fair, E = Satisfactory

5. Any other remarks or suggestions:



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1. Name of the student: T. RAJARAJAN Reg No: 12001165043
 2. Course: -I/II/III year Academic Year: 2020-23
 Dept./Section: B.Sc Chemistry / A
 3. Period of assessment:
 From: 01-06-2022 To: 28-06-22



4. Assessment / Remarks of the Training Office on the basis of work performed by the trainee:

S.No	Criteria	*Grades				
		A	B	C	D	E
a)	Technical Knowledge	✓				
b)	Commitment	✓				
c)	Willingness to learn	✓				
d)	Communication Skills	✓				
e)	Team Spirit	✓				
f)	Leadership	✓				
g)	Punctuality	✓				

*Grade assigned: A = Excellent, B = Very Good, C = Good, D = Fair, E = Satisfactory

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1. Name of the student: R. Ramayiniya Reg No: 12001165044
2. Course: - I / II / III year Academic Year: 2020-2023
Dept./Section: Chemistry / A
3. Period of assessment:
From: 06.06.2022 To: 29.06.2022

4. Assessment / Remarks of the Training Office on the basis of work performed by the trainee:

S.No	Criteria	*Grades				
		A	B	C	D	E
a)	Technical Knowledge	✓				
b)	Commitment	✓				
c)	Willingness to learn	✓				
d)	Communication Skills	✓				
e)	Team Spirit	✓				
f)	Leadership	✓				
g)	Punctuality	✓				

*Grade assigned: A = Excellent, B = Very Good, C = Good, D = Fair, E = Satisfactory

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1. Name of the student: T. Sadhithiya Reg No: 12001165043
2. Course: - I / II / III year Academic Year: 2020-2023
Dept./Section: B.Sc, Chemistry / A
3. Period of assessment:
From: 05.05.2022 To: 14.06.2022

4. Assessment / Remarks of the Training Office on the basis of work performed by the trainee:

S.No	Criteria	*Grades				
		A	B	C	D	E
a)	Technical Knowledge	✓				
b)	Commitment	✓				
c)	Willingness to learn	✓				
d)	Communication Skills	✓				
e)	Team Spirit	✓				
f)	Leadership	✓				
g)	Punctuality	✓				

*Grade assigned: A = Excellent, B = Very Good, C = Good, D = Fair, E = Satisfactory

5. Any other remarks or suggestions:

Adhithiya Textiles Process

SF.No:418,Palavanjipalayam Road,
Veerapandi (Po), Tirupur - 641 605,
GSTIN:33AAFF3819N1ZE

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1. Name of the student: R. Sarathosh Kumar Reg No: 12002165046
2. Course: - I / II / III year Academic Year: 2020-2023
Dept./Section: B.Sc - Chemistry / A
3. Period of assessment:
From: 01.06.22 To: 28.06.22

4. Assessment / Remarks of the Training Office on the basis of work performed by the trainee:

S.No	Criteria	*Grades				
		A	B	C	D	E
a)	Technical Knowledge	✓				
b)	Commitment	✓				
c)	Willingness to learn	✓				
d)	Communication Skills	✓				
e)	Team Spirit	✓				
f)	Leadership	✓				
g)	Punctuality	✓				

*Grade assigned: A = Excellent, B = Very Good, C = Good, D = Fair, E = Satisfactory

5. Any other remarks or suggestions:



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1. Name of the student: S. SUKUMAR Reg No: 12002165047
2. Course: - I / II / III year Academic Year: 2020-2023
Dept./Section: B.Sc chemistry / A
3. Period of assessment:
From: 01/06/22 To: 28/06/22

4. Assessment / Remarks of the Training Office on the basis of work performed by the trainee:

S.No	Criteria	*Grades				
		A	B	C	D	E
a)	Technical Knowledge	✓				
b)	Commitment	✓				
c)	Willingness to learn	✓				
d)	Communication Skills	✓				
e)	Team Spirit	✓				
f)	Leadership	✓				
g)	Punctuality	✓				

*Grade assigned: A = Excellent, B = Very Good, C = Good, D = Fair, E = Satisfactory

5. Any other remarks or suggestions:



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1. Name of the student: BABINS DIVYA Reg No: 120011165048
2. Course: - I / II / III year Academic Year: 2020 - 2022
Dept./Section: BSc - CHEMISTRY / A
3. Period of assessment:
From: 06.06.22 To: 29.06.22

4. Assessment / Remarks of the Training Office on the basis of work performed by the trainee:

S.No	Criteria	*Grades				
		A	B	C	D	E
a)	Technical Knowledge	✓				
b)	Commitment	✓				
c)	Willingness to learn	✓				
d)	Communication Skills	✓				
e)	Team Spirit	✓				
f)	Leadership	✓				
g)	Punctuality	✓				

*Grade assigned: A = Excellent, B = Very Good, C = Good, D = Fair, E = Satisfactory

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Students Research Projects – B.Sc. Chemistry

DEPARTMENT OF CHEMISTRY

Academic Year: 2022 – 2023

Students Research Projects

Degree / Branch: B.Sc. Chemistry

Batch: 2020 - 2023

Year / Semester: III / VI

Students Name List

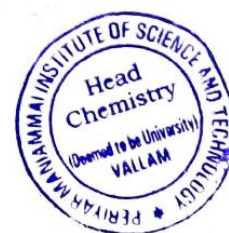
S.No	Name of the Student	Project Guide	Project Title
1	ABINAYA B	Dr. R. PRABAKARAN	BIOSYNTHESIS OF NANOPARTICLES BY ALIPHINIA OFFICINARUM AND IT'S OPTICAL ACTIVITIES.
2	AJAY S	Dr. R. PRABAKARAN	BIOSYNTHESIS OF NANOPARTICLES BY ALIPHINIA OFFICINARUM AND IT'S OPTICAL ACTIVITIES.
3	BARANIKA R	Dr. A. MANOHAR	SYNTHESIS CHARACTERIZATION AND APPLICATION OF NICKEL(II) DITHIOCARBAMATE AS A PRECURSOR FOR NICKEL SULPHIDE NANOPARTICLES AND FOR BIOLOGICAL ACTIVITIES
4	DHUSHINDHAN T	Dr. M. KARTHIKEYAN	GREEN SYNTHESIS AND CHARACTERIZATION OF 9% CE DOPED ZnO NANOPARTICLES THEIR BIOMEDICAL APPLICATIONS.
5	DHUVARAGESH K	Dr. S. GOMATHI	A NOVEL APPROACH FOR THE PREPARATION OF NANOCRYSTALLINE CELLULOSE BY USING RAW MATERIAL OF DFE PHARMA
6	DURGA DEVI R	Dr. S. GOMATHI	A NOVEL APPROACH FOR THE PREPARATION OF NANOCRYSTALLINE CELLULOSE BY USING 7RAW MATERIAL OF DFE PHARMA
7	GOWSIKA R R	Dr. M. KARTHIKEYAN	GREEN SYNTHESIS AND CHARACTERIZATION OF 6% CE DOPED ZnO NANOPARTICLES AND THEIR BIOMEDICAL APPLICATIONS.
8	MUGESH N	Dr. M. KARTHIKEYAN	WET CHEMICAL SYNTHESIS AND CHARACTERIZATION OF AgO NANOPARTICLES

9	NOORUL RIFAYA N	Dr. S. SUNDARANAYAGI	BIOGENIC SYNTHESIS OF METAL OXIDE NANOPARTICLES USING ETHANOL EXTRACT OF BRASSICA OLERACEA VAR.CAPITATA
10	RAJARAJAN T	Dr. VISWALINGAM	DYE REMOVAL BY USING NANO CATALYST
11	RAMAVIVINYA R	Dr. R. PRABAKARAN	BIOSYNTHESIS OF NANOPARTICLES BY ALIPHINIA OFFICINARUM AND IT'S OPTICAL ACTIVITIES.
12	SADHURTHIYA T	Dr. S. SUNDARANAYAGI	BIOGENIC SYNTHESIS OF METAL OXIDE NANOPARTICLES USING ETHANOL EXTRACT OF BRASSICA OLERACEA VAR.CAPITATA
13	SANTHOSH KUMAR R	Dr. A. MANOHAR	SYNTHESIS CHARACTERIZATION AND APPLICATION OF NICKEL(II) DITHIOCARBAMATE AS A PRECURSOR FOR NICKEL SULPHIDE NANOPARTICLES AND FOR BIOLOGICAL ACTIVITIES
14	SUKUMAR S	Dr. VISWALINGAM	DYE REMOVAL BY USING NANO CATALYST
15	DIVYA S	Dr. S. GOMATHI	A NOVEL APPROACH FOR THE PREPARATION OF NANOCRYSTALLINE CELLULOSE BY USING RAW MATERIAL OF DFE PHARMA

S. Gomathi

HOD / Chemistry

(Dr. S. Gomathi)



Green synthesis and characterization of 6% Ce doped ZnO Nanoparticles and their Biomedical Application

A Dissertation Submitted to
PERIYAR MANIAMMAI INSTITUTE OF SCIENCE & TECHNOLOGY

**DEEMED TO BE UNIVERSITY
THANJAVUR**

In partial fulfillment of the requirements for the
Award of the Degree of

BACHELOR OF SCIENCE IN CHEMISTRY

Submitted by

**R. R. GOWSIKA
(Reg. No. 120011165040)**

Project Advisor

Dr. M. KARTHIKEYAN



DEPARTMENT OF CHEMISTRY
PERIYAR MANIAMMAI INSTITUTE OF SCIENCE & TECHNOLOGY
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PERIYAR NAGAR,
VALLAM,
THANJAVUR – 613 403

APRIL – 2023

Green synthesis and characterization of 9% Ce doped ZnO Nanoparticles and their Biomedical Application

A Dissertation Submitted to
PERIYAR MANIAMMAI INSTITUTE OF SCIENCE & TECHNOLOGY

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THANJAVUR**

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BACHELOR OF SCIENCE IN CHEMISTRY

Submitted by

**T. DHUSHINDHAN
(Reg. No. 120012165037)**

Project Advisor

Dr. M. KARTHIKEYAN



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PERIYAR MANIAMMAI INSTITUTE OF SCIENCE & TECHNOLOGY
(Deemed to be University)
PERIYAR NAGAR,
VALLAM,
THANJAVUR – 613 403

APRIL – 2023

Wet chemical synthesis and characterization of AgO nanoparticles

A Dissertation Submitted to
PERIYAR MANIAMMAI INSTITUTE OF SCIENCE & TECHNOLOGY

**DEEMED TO BE UNIVERSITY
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BACHELOR OF SCIENCE IN CHEMISTRY

Submitted by

**N. MUGESH
(Reg. No. 120012165041)**

Project Advisor

Dr. M. KARTHIKEYAN



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PERIYAR MANIAMMAI INSTITUTE OF SCIENCE & TECHNOLOGY
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PERIYAR NAGAR,
VALLAM,
THANJAVUR – 613 403

APRIL – 2023

Biogenic synthesis of Strontium oxide nanoparticles using ethanolic extract of Cabbage source for Anti-dermal activity

A Dissertation Submitted to
PERIYAR MANIAMMAI INSTITUTE OF SCIENCE & TECHNOLOGY

**DEEMED TO BE UNIVERSITY
THANJAVUR**

In partial fulfillment of the requirements for the
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BACHELOR OF SCIENCE IN CHEMISTRY

Submitted by

**N. NOORUL RIFAYA
(Reg. No. 120011165042)**

Project Advisor

Dr. S. SUNDARANAYAGI



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PERIYAR MANIAMMAI INSTITUTE OF SCIENCE & TECHNOLOGY
(Deemed to be University)
PERIYAR NAGAR,
VALLAM,
THANJAVUR – 613 403

APRIL – 2023

Biogenic synthesis of Strontium oxide nanoparticles using ethanolic extract of Cabbage source for Anti-dermal activity

A Dissertation Submitted to

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**DEEMED TO BE UNIVERSITY
THANJAVUR**

**In partial fulfilment of the requirements for the
Award of the Degree of
BACHELOR OF SCIENCE IN CHEMISTRY**

Submitted by

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THANJAVUR – 613 403

APRIL – 2023

**SYNTHESIS, CHARACTERIZATION STUDIES AND
APPLICATIONS OF NICKEL (II) DITHIOCARBAMATE AS
PRECURSOR FOR NICKEL SULPHIDE NANOPARTICLES
AND FOR BIOLOGICAL ACTIVITIES**

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APRIL – 2023

**An innovative method for making nanocellulose crystalline using
DFE Pharma@Cuddalore's raw materials**

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**BIOSYNTHESIS OF COPPER OXIDE NANOPARTICLE BY
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THANJAVUR – 613 403**

APRIL – 2023

Students Research Projects – M.Sc. Chemistry

DEPARTMENT OF CHEMISTRY

Academic Year: 2022 – 2023

Students Research Projects

Degree / Branch: M.Sc. Chemistry


Batch: 2021 - 2023

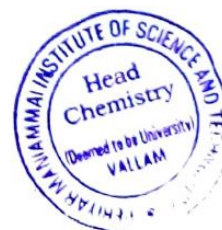
Year / Semester: II / IV

Students Name List

S.No	Name of the Student	Project Guide	Project Title
1	AJITHKUMAR G	Dr. M.VISWALINGAM	PREPARATION OF NANO CATALYST FOR USING DYE REMOVAL
2	BHARATHI V	Dr. S. GOMATHI	SYNTHESIS AND CHARACTERIZATION OF 2-AMINO-5-CHLORO PYRIDINE BASED SCHIFF BASE USING DIFFERENT TYPES OF ALDEHYDES
3	DHANASEELAN B	Dr. S. GOMATHI	SYNTHESIS AND CHARACTERIZATION OF 2-AMINO-5-CHLORO PYRIDINE BASED SCHIFF BASE USING DIFFERENT TYPES OF ALDEHYDES
4	HARIHARAN S	Dr. S.SUNDARANAYAGI	BIOGENIC SYNTHESIS OF METAL OXIDE NANOPARTICLES USING ETHANOLIC EXTRACT OF RAPHANUS SATIVUS FOR INVESTIGATION OF STRUCTURAL, OPTICAL AND ANTI-DERMAL PROPERTIES
5	JANARTHANAN R V	Dr. R. PRABAKARAN	GREEN SYNTHESIS OF CuO NANOPARTICLE BY ALPINIA OFFICINARUM AND ITS OPTICAL ACTIVITY
6	KIRUBALINI T	Dr. A. MANOHAR	INVESTIGATION OF LEVEL OF LEAD(Pb) CONTAMINATION ON STREET FOODS AVAILABLE AT TRAFFIC PLACES OF THANJAVUR TOWN
7	RAJESH R	Dr. M. VISWALINGAM	PREPARATION OF NANO CATALYST FOR USING DYE REMOVAL
8	RINIKA A	Dr. M. KARTHIKEYAN	GREEN SYNTHESIS AND CHARACTERIZATION OF 3% CE DOPED ZnO NANOPARTICLES AND THEIR BIOMEDICAL APPLICATIONS

9	THAMIZHAZHAGAN M	Dr. M. KARTHIKEYAN	SYNTHESIS, CHARACTERIZATION AND ANTIBACTERIAL PROPERTIES OF SnO_2 AND MG DOPED SnO_2 NANOPARTICLES PREPARED BY GREEN METHOD.
10	VIGNESH V	Dr. S. SUNDARANAYAGI	BIOGENIC SYNTHESIS OF METAL OXIDE NANOPARTICLES USING ETHANOLIC EXTRACT OF RAPHANUS SATIVUS FOR INVESTIGATION OF STRUCTURAL, OPTICAL AND ANTI-DERMAL PROPERTIES
11	VISWAHARISH M	Dr. R. PRABAKARAN	GREEN SYNTHESIS OF CuO NANOPARTICLE BY ALPINIA OFFICINARUM AND ITS OPTICAL ACTIVITY
12	VITHIYA P	Dr. A. MANOHAR	INVESTIGATION OF LEVEL OF LEAD(Pb) CONTAMINATION ON STREET FOODS AVAILABLE AT TRAFFIC PLACES OF THANJAVUR TOWN


HOD / Chemistry
(Dr. S. Gomathi)



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**SYNTHESIS AND CHARACTERIZATION OF SCHIFF BASE OF
2-AMINO-5-CHLOROPYRIDINE WITH HALO SUBSTITUTED ALDEHYDE**

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APRIL -2023

**Green synthesis and characterization of 3% Ce doped ZnO
Nanoparticles and their Biomedical Application**

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