



**CHAITANYA DEGREE & PG COLLEGE FOR WOMEN**

Affiliated to Andhra University, Chaitanya nagar, Old Gajuwaka, Visakhapatnam-530026.

# CHAITANYA DEGREE AND PG COLLEGE FOR WOMEN

IV- SEMESTER

BATCH-2021-2023

## ORGANIC CHEMISTRY PROJECT





# CHAITANYA DEGREE & PG COLLEGE FOR WOMEN

Affiliated to Andhra University, Chaitanya nagar, Old Gajuwaka, Visakhapatnam-530026.

## CHAITANYA DEGREE & P.G. COLLEGE FOR WOMEN

II M.Sc - ORGANIC CHEMISTRY - IV SEMESTER - PROJECT DETAILS - 2021-2023

S.No.	NAME OF THE STUDENT	REG.NO	PROJECT NAME	Signature of the Student
1	ATTA SANDHYA	721228532001	Development of (1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine) by Aldol- Dieckmann reaction	A. Sandhya
2	BANDARI SRILAKSHMI	721228532002	Development of (1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine) by aldol dieckmann reaction	B Sri Lakshmi
3	BEVARA SRAVANI	721228532003	Development of 10,11-dihydro-5H-benzocycloheptene-5-ylidene-N-methyl-1-propylamine	B. Sravani
4	BOKKA YAMINI LAKSHMI PRIYA (PG CET) HOSTLER	721228532004	Development of (1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine) by Aldol's aldol reaction	B.Y.L.Priya.
5	CHEEPURUPALLI GOWTHAMI	721228532005	Development of (1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine) by aldol dieckmann reaction	C.Gowthami
6	GEDDAM DURGA SATYA SRI	721228532006	Development of (1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine) by aldol dieckmann reaction	G.Durgasatyasri
7	GOLLA NEELAVENI	721228532007	Development of (1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine) by aldol dieckmann reaction	G.Neelaveni
8	KANNURU SWARUPA	721228532008	Development of 5,6-dihydro-2H-pyran-2-one by oxo dieckmann	K.Swarupa
9	KARANAM NAGAMANI	721228532009	Development of 5,6-dihydro-2H-pyran-2-one by oxo dieckmann	K.Nagamani
10	KILAPARTHI NIRMALA (PGCET) HOSTLER	721228532010	Development of 3-(11-dihydro-5H-benzocycloheptene-5-ylidene)-N-methyl-1-propylamine	K.Nirmala
11	KINTADA HEMALATHA	721228532011	Development of 5,6-dihydro 2-H pyran-2-one by oxo dieckmann	K.Hemalatha
12	KORAPATI SPANDANA	721228532012	Development of 5,6-dihydro-2H-pyran-2-one by oxo dieckmann	K.Spandana
13	PALLA HEMALATHA	721228532013	Development of 5,6-dihydro-2H-pyran-2-one by oxo dieckmann	P.Hemalatha
14	PATTEM LAVANYA	721228532014	Development of 5,6-dihydro-2H-pyran-2-one: by oxo dieckmann	P.Lavanya
15	PYLA VENKATA LAKSHMI	721228532015	Development of 5,6-dihydro-2H-pyran-2-one: by oxo dieckmann	P.Venkata
16	RONGALA RAMYA	721228532016	Development of (1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine) by Aldol dieckmann reaction	R.Ramya
17	SATTARU MOUNIKA	721228532017	Development of 3-(11-dihydro-5H-benzocycloheptene-5-ylidene)-N-methyl-1-propylamine	S.Mounika



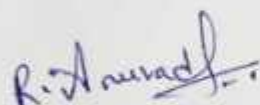


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SHAIK GULZAR	721228532018	Development of (1-methyl-4-phenyl-2,3,5-tetrahydroimidine) by Aza Dieckmann condensation	Sk Gulzar
SINGAVARAPU PADMA PRIYA	721228532019	Development of 3-(10,11-dihydro-5H-dibenzocycloheptene-5-ylidene)-N-methyl-1-propanamine	S Padma priya
SUNKARI SANJANA	721228532020	Development of 3-(10,11-dihydro-5H-dibenzocycloheptene-5-ylidene)-N-methyl-1-propanamine	S. Sanjana
VIYYAPU YASODHA	721228532021	Development of 3-(10,11-dihydro-5H-dibenzocycloheptene-5-ylidene)-N-methyl-1-propanamine	V. Yasodha
YANDAPALI MOUNIKA	721228532022	Development of 5/6-syntho-2-oxopyran by oxo dieck alder	y. Mounika
YEDLA PAVITRA	721228532023	Development of 3-(10,11-dihydro-5H-dibenzocycloheptene-5-ylidene)-N-methyl-1-propanamine	Y. Pavitra
YELLABILLI NAGA LAKSHMI	721228532024	Development of 3-(10,11-dihydro-5H-dibenzocycloheptene-5-ylidene)-N-methyl-1-propanamine	Y. Nagaralakshmi

No. of Students appeared:- 24  
of Students Submitted:- 24

  
Signature of HOD

of the Department of Organic Chemistry  
Chaitanya Degree & P.G. College for Women  
Chaitanya nagar, Old Gajuwaka, Visakhapatnam-25



  
Signature of Director

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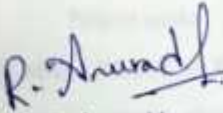
CERTIFICATE

This is to certify that the project report on **Development Of (1-Methyl 4-Phenyl-1,2,3,6 Tetra Hydroypyridine)** by **AZA-DIEL'S ALDER REACTION** Is a bonafide work done by **A.SANDHYA** student of M. SC final year with Regd. No: 721228532001 P.G. Department of **ORGANIC CHEMISTRY, CHAITANYA DEGREE AND PG COLLEGE FOR WOMEN** under my guidance.

  
**B.LEELA KUMARI M.Sc,B.Ed, (Ph.D)**

HOD of organic chemistry  
Head of the Department of Organic Chemistry  
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Chaitanyanagar, Old Gajuwaka, Visakhapatnam-38.



  
Project guide  
**R.ANURADHA M.Sc,B.Ed**  
Lecturer in organic chemistry



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**CERTIFICATE**

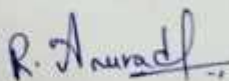
This is to certify that the project report on **Development Of (1-Methyl 4-Phenyl-1,2,3,6 Tetra Hydro pyridine)** by **AZA-DIEL'S ALDER REACTION** Is a bonafide work done by **B.SRI LAKSHMI** student of M. SC final year with Regd. No: 721228532002 P.G. Department of **ORGANIC CHEMISTRY, CHAITANYA DEGREE AND PG COLLEGE FOR WOMEN** under my guidance.

  
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CERTIFICATE

This is to certify that the project report on "DEVELOPMENT OF 3-(10, 11-DIHYDRO-5H- DIBENZOCYCLOHEPTENE-5-YLIDINE) -N-METHYL-1-PROPANAMINE" is a bonafide work done by B.SRAVANI student of M. SC final year with Regd. No: 721228532003 P.G. Department of ORGANIC CHEMISTRY, CHAITANYA DEGREE AND PG COLLEGE FOR WOMEN under my guidance.

  
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This is to certify that the project report on **Development Of (1-Methyl 4-Phenyl-1,2,3,6 Tetra Hydropyridine)** by **AZA-DIEL'S ALDER REACTION** Is a bonafide work done by **B.YAMINI LAKSHMI PRIYA** student of M. SC final year with Regd. No: 721228532004 P.G. Department of **ORGANIC CHEMISTRY, CHAITANYA DEGREE AND PG COLLEGE FOR WOMEN** under my guidance.

  
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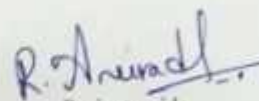
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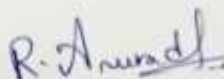
This is to certify that the project report on **Development Of (1-Methyl 4-Phenyl-1,2,3,6 Tetra Hydropyridine)** by **AZA-DIEL'S ALDER REACTION** Is a bonafide work done by **G.DURGA SATYA SRI** student of M. SC final year with Regd. No: 721228532006 P.G. Department of **ORGANIC CHEMISTRY, CHAITANYA DEGREE AND PG COLLEGE FOR WOMEN** under my guidance.

  
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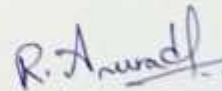
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CERTIFICATE

This is to certify that the project report on **5,6 dihydro-2H-Pyran-2-one** by **OXO-DIELS ALDER REACTION** is a bonafide work done by **K.SWARUPA** student of M. SC final year with Regd. No: 721228532008 P.G. Department of **ORGANIC CHEMISTRY, CHAITANYA DEGREE AND PG COLLEGE FOR WOMEN** under my guidance.

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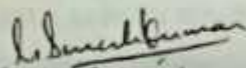
Date: 29<sup>th</sup> March 2023

TO WHOM SO EVER MAY CONCERN

This is certify that Ms.Kilaparthi Nirmala student of Chaitanya Degree and P.G. College for Women, Visakhapatnam, Andhrapradesh has successfully completed Internship from 1<sup>st</sup> March 2023 to 29<sup>th</sup> March 2023 at Aurobindo Pharma limited, Unit-XV. During this period of her internship she has covered all the departments like Quality Control, Quality Assurance, Production, process development lab, Warehouse, HR & Admin and Safety ... etc. In the course of her internship with us she was found punctual, hardworking and inquisitive.

We wish her every success in life.

For Aurobindo Pharma Ltd.,

  
(G. Suresh Kumar)

Asst General Manager- HR

AUROBINDO PHARMA LIMITED 2023.05.19 14:05

Plot No. 17 & 18, Industrial Area, East of Old Gajuwaka, Visakhapatnam - 530026, District, Andhra Pradesh, India. Pin - 531021



**DEPARTMENT OF ORGANIC CHEMISTRY**  
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**CERTIFICATE**

This is to certify that the project report on **5,6 dihydro-2H-Pyran-2-one** by **OXO-DIELS ALDER REACTION** is a bonafide work done by **K.HEMALATHA** student of M. SC final year with Regd. No: 721228532011 P.G. Department of **ORGANIC CHEMISTRY, CHAITANYA DEGREE AND PG COLLEGE FOR WOMEN** under my guidance.

**B.LEELA KUMARI M.Sc,B.Ed, (Ph.D)**

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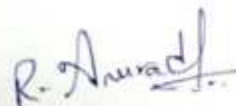
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**B.LEELA KUMARI M.Sc,B.Ed, (Ph.D)**

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CERTIFICATE

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Affiliated to Andhra University, Chaitanya nagar, Old Gajuwaka, Visakhapatnam-530026.



Date: 29<sup>th</sup> March 2023

TO WHOM SO EVER MAY CONCERN

This is certify that Ms.Sattaru Mounika student of Chaitanya Degree and P.G. College for Women, Visakhapatnam, Andhrapradesh has successfully completed Internship from 1<sup>st</sup> March 2023 to 29<sup>th</sup> March 2023 at Aurobindo Pharma limited, Unit-XV. During this period of her internship she has covered all the departments like Quality Control, Quality Assurance, Production, process development lab, Warehouse, HR & Admin and Safety ... etc. In the course of her internship with us she was found punctual, hardworking and inquisitive.

We wish her every success in life.

For Aurobindo Pharma Ltd.,

  
(G. Suresh Kumar)

Asst General Manager- HR

**AUROBINDO PHARMA LIMITED**

XV : Plot No. 17 A, E-Bonangi Village, Jawaharlal Nehru Pharma City, Parawada Mandal, Anakapalli - District, Andhra Pradesh, India. Pin - 531021.  
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This is to certify that the project report on **Development Of (1-Methyl 4-Phenyl-1,2,3,6 Tetra Hydro pyridine)** by **AZA-DIEL'S ALDER REACTION** Is a bonafide work done by **SHAIK GULZAR** student of M. SC final year with Regd. No: 721228532018 P.G. Department of **ORGANIC CHEMISTRY, CHAITANYA DEGREE AND PG COLLEGE FOR WOMEN** under my guidance.

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This is to certify that the project report on "DEVELOPMENT OF 3-(10, 11-DIHYDRO-5H- DIBENZOCYCLOHEPTENE-5-YLIDINE) -N-METHYL-1-PROPANAMINE" is a bonafide work done by S.PADMA PRIYA student of M. SC final year with Regd. No: 721228532019 P.G. Department of ORGANIC CHEMISTRY, CHAITANYA DEGREE AND PG COLLEGE FOR WOMEN under my guidance.

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**CERTIFICATE**

This is to certify that the project report on **5,6 dihydro-2H-Pyran-2-one** by **OXO-DIELS ALDER REACTION** is a bonafide work done by **Y.MOUNIKA** student of M. SC final year with Regd. No: 721228532022 P.G. Department of **ORGANIC CHEMISTRY, CHAITANYA DEGREE AND PG COLLEGE FOR WOMEN** under my guidance.

  
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Date: 29<sup>th</sup> March 2023

TO WHOM SO EVER MAY CONCERN

This is certify that Ms. Yellabilli Naga Lakshmi student of Chaitanya Degree and P.G. College for Women, Visakhapatnam, Andhrapradesh has successfully completed Internship from 1<sup>st</sup> March 2023 to 29<sup>th</sup> March 2023 at Aurobindo Pharma limited, Unit-XV. During this period of her internship she has covered all the departments like Quality Control, Quality Assurance, Production, process development lab, Warehouse, HR & Admin and Safety ... etc. In the course of her internship with us she was found punctual, hardworking and inquisitive.

We wish her every success in life.

For Aurobindo Pharma Ltd.,

  
(G. Suresh Kumar)

Asst. General Manager- HR

## AUROBINDO PHARMA LIMITED

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