

PG and Research Department of Chemistry

PSPHA20:SUMMER PROJECT

Academic Year 2022-23

STUDENTS NAME LIST

30521P14001	AGALYA M
30521P14002	DAYANA DU
30521P14003	JENIFER L
30521P14004	KOKILA S
30521P14005	MARY THERESA S
30521P14006	NANDHINI E
30521P14007	PAVITHRA B
30521P14008	PONARASI P
30521P14009	PRIYADHARSHINI M
30521P14010	SANOFAR A
30521P14011	SARANYA P
30521P14012	SNEHA S
30521P14014	SULAKSHANA VASUGI K
30521P14015	SWETHA M
30521P14016	VAISHNAVI C
30521P14017	VINOTHINI P
30521P14018	YOGALAKSHMI T

Dr. Jaya Subbiah

PRINCIPAL
AUXILIUM COLLEGE (Autonomous)
Gandhi Nagar, Vellore - 632 006.
Vellore District, Tamil Nadu.

29/07/2022

CERTIFICATE

This is to certify that **Ms.AGALYA M**, a Student of **M.Sc. (Chemistry), AUXILIUM COLLEGE (Autonomous), VELLORE**, has completed the Project Work on "**STUDY ON EVALUATION OF LUBE POTENTIAL IN CRUDE OIL(X) VACCUM DISTILLATE**" in our organization during the period from **11/07/2022 to 29/07/2022**.

We wish her all success in her future endeavour.



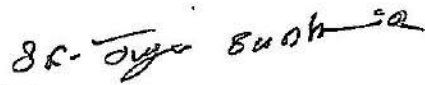
Received
M. Ag. f.


29/7/2022

Sivappirakasam C
Officer(Personnel)

सी. शिवपिरकासम
C. SIVAPPIRAKASAM
अधिकारी (कार्मिक)
Officer (Personnel)

चेन्नै पेट्रोलियम कॉर्पोरेशन लिमिटेड
Chennai Petroleum Corporation Ltd.
मणली /Manali,चेन्नै/Chennai-600 068.



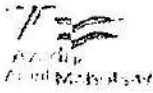
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AUXILIUM COLLEGE (Autonomous)
Ganesh Nagar, Vellore - 632 006.
Vellore District, Tamil Nadu.

पेट्रोकेमिकल्स तकनीकी
संस्थान (आईपीटी)

शेरासायन विभाग
केंद्रक मंत्रालय, भारत सरकार
- 600 032.
4-2225 4701 (6 लाइन)
44-22254707
nnai@cipet.gov.in
nw.cipet.gov.in



CIPET सिपेट
probe - perform - practice - Progress



CIPET : INSTITUTE OF PETROCHEMICALS
TECHNOLOGY (IPT)

Department of Chemicals & Petrochemicals
Ministry of Chemicals & Fertilizers, Govt. of India
Guindy, Chennai - 600 032.
Phone : 91-44-2225 4701 (6 Lines)
Fax : 91 - 44 - 22254707
E-mail : chennai@cipet.gov.in
Website : www.cipet.gov.in

CIPET : IPT/CHN/VTC/ Inplant Trg/2022-23/15

08.07.2022

CERTIFICATE

This is to certify that Ms. DAYANA D.U., D/o. Mr. Devanesan D., is a 1st year student of M.Sc. (Chemistry) from Auxilium College (Autonomous), Vellore 632006, has successfully completed the Inplant Training Programme on "Plastics Processing & Testing" from 1.07.2022 to 08.07.2022 Central Institute of Petrochemicals Engineering and Technology (CIPET), Institute of Petrochemicals Technology (IPT), (Department of Chemicals & Petrochemicals, Ministry of Chemicals & Fertilizers, Govt. of India), Guindy, Chennai 600 032.

During the training period, the performance of the trainee was found good.



Shrikant Shirali
SHRIKANT SHIRALI
PRINCIPAL DIRECTOR & HEAD

A.R.

Dr. Jyo Sarth
PRINCIPAL
AUXILIUM COLLEGE (Autonomous)
Ganapathi Nagar, Vellore - 632 006.
Vellore District, Tamil Nadu.

मुख्यालय : सिपेट, गिण्डी, चेन्नै - 600 032. Head Office : CIPET, Guindy, Chennai - 600 032.

कावाद, अमृतसर, औरंगाबाद, अगस्तला, बदी, बालासोर, बेंगलुरु, भोपाल, भुवनेश्वर, चन्द्रपुर, चेन्नई, देहरादून, गुरुग्राम, गुवाहाटी, ग्वालियर, इलाहाबाद, हाजीपुर, हल्द्विया, इम्फाल, जयपुर, कोच्चि, कोरबा, लखनऊ, मद्रुरे, मुरथल, मैसूरु, रायपुर, राँची, वलसाड, वासाणसी एवं विजयवाड़ा
abad, Amritsar, Aurangabad, Agartala, Baddi, Balasore, Bengaluru. Bhopal Bhubaneswar Chandrapur Chennai


29/07/2022

CERTIFICATE

This is to certify that Ms. JENIFER L, a Student of M.Sc. (Chemistry), AUXILIUM COLLEGE (Autonomous), VELLORE, has completed the Project Work on "STUDY ON VALUATION OF LUBE POTENTIAL IN CRUDE OIL(X) VACUUM DISTILLATE" in our organization during the period from 11/07/2022 to 29/07/2022.

We wish her all success in her future endeavour.



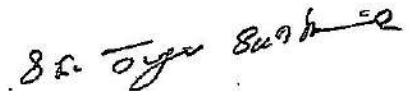

Sivappirakasam C
Officer(Personnel)

श्री. शिवपिरकालाम
C. SIVAPPIRAKASAM
अधिकारी (कार्मिक)
Officer (Personnel)

चेन्नै पेट्रोलियम कॉर्पोरेशन लिमिटेड
Chennai Petroleum Corporation Ltd.
मंगली/Manali, चेन्नै/Chennai-600 068.

ceiver


Jenifer



PRINCIPAL
AUXILIUM COLLEGE (Autonomous)
G. Nagar, Vellore - 632 006.
District, Tamil Nadu.

CERTIFICATE

I do hereby certify that the Summer Project report entitled "SYNTHESIS AND CHARACTERIZATION OF FeMoO_4 PHOTOCATALYST AND ITS APPLICATION IN WASTEWATER TREATMENT" has been carried out by the candidate Ms. S. KOKILA. II M.Sc. Chemistry, PG and Research Department of Chemistry, Auxilium College (Autonomous) in the Department of Chemistry, Thiruvalluvar University, during the period 04.07.2022 to 23.07.2022.


Signature of the Guide with seal

DR. J. MADHAVAN
Associate Professor,
Department of Chemistry,
Thiruvalluvar University
Vellore - 632 115.



PRINCIPAL
AUXILIUM COLLEGE (Autonomous)
Gandhi Nagar, Vellore - 632 006.
Vellore District, Tamil Nadu.

THIRUVALLUVAR UNIVERSITY

VELLORE – 632 115

CERTIFICATE

I do hereby certify that the Summer Project Report entitled “**SYNTHESIS AND CHARACTERIZATION OF BIOI PHOTOCATALYST AND ITS APPLICATION IN WASTEWATER TREATMENT**” has been carried out by the candidate **Ms. S. Mary Theresa**, II M. Sc. Chemistry, PG and Research Department of Chemistry, Auxilium College (Autonomous) in the Department of Physical Chemistry, the Solar Energy Lab, Thiruvalluvar University, Vellore, during the period of 04th - 17th June, 2022.


16/09/2022

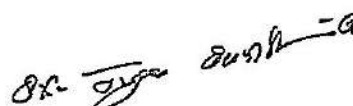
Dr. J. Madhavan, M.Sc., B.Ed., Ph.D.

Associate Professor,

Department of Physical Chemistry

Thiruvalluvar University,

Serkkadu, Vellore - 632 115



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Gandhi Nagar, Vellore - 632 006.
Vellore District, Tamil Nadu.

पेट्रोकेमिकल्स तकनीकी
संस्थान (आईपीटी)

पेट्रोसायन विभाग
उर्ध्वक मंत्रालय, भारत सरकार
नै - 600 032.
44-2225 4701 (6 लाइन)
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CIPET सि पे ट
probe - perform - practice - Plastics



75
Azadi Ka
Amrit Mahotsav

CIPET : INSTITUTE OF PETROCHEMICALS
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Department of Chemicals & Petrochemicals
Ministry of Chemicals & Fertilizers, Govt. of India
Guindy, Chennai - 600 032.
Phone : 91-44-2225 4701 (6 Lines)
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E-mail : chennai@cipet.gov.in
Website : www.cipet.gov.in

CIPET : IPT/CHN/VTC/ Inplant Trg./2022-23/16

08.07.2022

CERTIFICATE

This is to certify that Ms. NANDHINI E., D/o. Mr. Ethiraj C., is a 1st year student of M.Sc. (Chemistry) from Auxilium College (Autonomous), Vellore 632006, has successfully completed the Inplant Training Programme on "Plastics Processing & Testing" from 04.07.2022 to 08.07.2022 Central Institute of Petrochemicals Engineering and Technology (CIPET), Institute of Petrochemicals Technology (IPT), (Department of Chemicals & Petrochemicals, Ministry of Chemicals & Fertilizers, Govt. of India), Guindy, Chennai 600 032.

During the training period, the performance of the trainee was found good.



(Signature)

SHRIKANT SHIRALI
PRINCIPAL DIRECTOR & HEAD

A.R.

(Signature)

PRINCIPAL
AUXILIUM COLLEGE (Autonomous)
Gandhi Nagar, Vellore - 632 006.
Vellore District, Tamil Nadu.

मुख्यालय : सिपेट, गिण्डी, चेन्नै - 600 032. Head Office : CIPET, Guindy, Chennai - 600 032.

अहमदाबाद, अमृतसर, औरंगाबाद, अगस्तला, बदी, बालासोर, बेंगलुरु, भोपाल, भुवनेश्वर, चन्द्रपुर, चेन्नई, देहरादून, गुरुग्राम, गुवाहाटी, म्वालयर, हैदराबाद, हाजीपुर, हल्दिया, इम्फाल, जयपुर, कोच्चि, कोरबा, लखनऊ, मदुरै, मुखल, मैसूरु, रायपुर, राँची, वलसाड, वाराणसी एवं विजयवाड़ा
Ahmedabad, Amritsar, Aurangabad, Agartala, Baddi, Balasore, Bengaluru, Bhopal, Bhubaneswar, Chandrapur, Chennai, Dehradun, Gurugram, Suwahati. Gwalior. Hyderabad. Haliour. Haldia. Imohal. Jainur Kochi Korba Lucknow Madurai Murthal Mysuru Raipur. Ranchi. Valsad. Varanasi & Vijavwada

Sept 15, 2022

IN-PLANT TRAINING CERTIFICATE

This is to certify that Ms. B. PAVITHRA (Reg. No : 30521P14007)
M.Sc. (Chemistry), student from AUXILIUM COLLEGE, Vellore has undergone
Summer Training Programme at Thirumalai Chemicals Ltd., Ranipet for Fifteen
days from July 4, 2022

During this period, she was found to be very inquisitive in learning, sincere and
dedicated.

We wish her all the best for her future Endeavour.

For Thirumalai Chemicals Ltd.,



Kothanda Raman V
Senior Manager - Personnel & HR



PRINCIPAL
AUXILIUM COLLEGE (Autonomous)
Gandhi Nagar, Vellore - 632 006.
Vellore District, Tamil Nadu.

CERTIFICATE

I do hereby certify that the Summer Project Report entitled "Synthesis and Characterization of semi organic Nonlinear Optical Diacrylate (L-Lactate) Magnesium (DLLM) Single Crystal" has been carried out by the candidate Ms. M. PRIYADHARSHINI, II M. Sc. Chemistry, PG and Research Department of Chemistry, Auxilium College (Autonomous) in the Department of Research & Development, Peri Institute of Technology, Mannivakkam, West Tambaram, Chennai during the period of 4th July - 22th July, 2019.



Prof. V. Chitambaram, M.Sc., Ph.D.
R&D Head

V. Chitambaram, M.Sc., M.Phil., Ph.D.
Professor of Physics
PERI INSTITUTE OF TECHNOLOGY
Mannivakkam, Chennai-600 048



PRINCIPAL
AUXILIUM COLLEGE (Autonomous)
Gandhi Nagar, Vellore - 632 006.
Vellore District, Tamil Nadu.

CERTIFICATE

do hereby certify that the Summer Project Report entitled "SYNTHESIS AND CHARACTERIZATION ON NICKEL OXIDE BY HYDROTHERMAL METHOD" has been carried out by candidate Ms. P. PONARASI, II M. Sc. Chemistry, PG and Research Department of Chemistry, Auxilium College (Autonomous) in the Department of Research & Development, Peri Institute of Technology, Mannivakkam, West Tambaram, Chennai during the period of 4th July - 22nd July, 2019.



Prof. V. Chitambaram, M.Sc., Ph.D.
R&D Head

V. Chitambaram, M.Sc., M.Phil. Ph.D.
Professor of Physics
PERI INSTITUTE OF TECHNOLOGY
Mannivakkam, Chennai-600 048



PRINCIPAL
AUXILIUM COLLEGE (Autonomous)
Garudachari Nagar, Vellore - 632 006.
Vellore District, Tamil Nadu.

CERTIFICATE

I do hereby certify that the Summer Project Report entitled "THE STRUCTURAL, MORPHOLOGICAL, OPTICAL, THERMAL AND MAGNETIC PROPERTIES OF $MnFe_2O_4$ NANOPARTICLES" has been carried out by the candidate Ms. A. SANOFAR., II M. Sc. Chemistry, PG and Research Department of Chemistry, Auxilium College (Autonomous) in the Department of Research & Development, Peri Institute of Technology, Mannivakkam, West Tambaram, Chennai during the period of July - 22nd July, 2019.

V-CHITAM

Prof. V. Chitambaram, M.Sc., Ph.D.
R&D Head

V. Chitambaram, M.Sc., M.Phil. Ph.D.
Professor of Physics
PERI INSTITUTE OF TECHNOLOGY
Mannivakkam, Chennai- 600 048



13-07-2022

TO WHOM SO EVER IT MAY CONCERNED

This is to certify that Ms. P. Saranya (Reg. No. 30521P14011), M.Sc (Chemistry) student studying in "Auxilium College (Autonomous)", successfully completed her project in our organization from 7th July 2022 to 13th July 2022 as a part of her curriculum.

During the tenure of the project period, her conduct was good and satisfactory.

We wish her all success in her future endeavors.

For ULTRAMARINE & PIGMENTS LTD.,

S. Deepa
S. Deepa
Executive - Personnel



Dr. Jaya Subhina
PRINCIPAL
AUXILIUM COLLEGE (Autonomous)
Gandhi Nagar, Vellore - 632 006.
Vellore District, Tamil Nadu.



MALLADI DRUGS & PHARMACEUTICALS LIMITED

MDPL

LOT No. 67, SIPCOT INDUSTRIAL ESTATE, RANIPET - 632 403, RANIPET DIST., TAMILNADU, INDIA.
PHONE : 91-4172-244006, FAX : 91-4172-244906

August 11, 2022

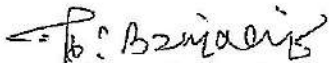
TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ms. Sneha S (30521P14012) doing her M.SC Chemistry from Auxillium College Autonomus has completed her internship at our organization as a part of her curriculum from July 01, 2022 to July 15, 2022.

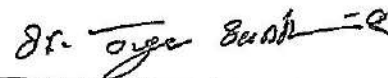
Her conduct during the period has been good. We wish her all the best for her future endeavors.

Yours faithfully,

For Malladi Drugs & Pharmaceuticals Limited,



Naveen Kumar M
Senior Manager - Human Resources



PRINCIPAL
AUXILIUM COLLEGE (Autonomous)
Gandhi Nagar, Veilore - 632 006.
Veilore District, Tamil Nadu.

10.: SKCL Tech Square, 7th Floor, Plot No. SP14, Thiru Vi Ka Industrial Estate, Guindy, Chennai - 600 032.

Phone : + 91-44-6687 6999, Fax : + 91-44-6687 6998,

Email : marketing@malladi.co.in materials@malladi.co.in, WEB SITE : www.malladi.com

CIN: U24230TN1980PLC008382



MICRO LABS LIMITED

92, SIPCOT INDUSTRIAL COMPLEX, HOSUR - 635 126 (T.N.)
Tel. : +91- 4344-276618, 277937 Fax : +91- 4344-277261

Date: 30/07/2022.

STUDENT INTERNSHIP CERTIFICATE

This is to certify that Mr. / Ms. ✓ Sulakshana Vasugi K.

✓ I / II / III / IV year student of B. Pharm. / M. Pharm. / B. Sc., / M.Sc., Chemistry / Bio
Chemistry / Bio Technology / Micro Biology / MBA from Auxilium


College / Autonomous University has / ✓ have successfully
completed Internship Training / Project work ✓ from 15/07/2022 to 30/07/2022.

We wish him / her / them all success in their future endeavours.

For MICRO LABS LIMITED


Authorized Signatory




PRINCIPAL
AUXILIUM COLLEGE (Autonomous)
Gandhi Nagar, Vellere - 632 006.
Vellore District, Tamil Nadu.

Sept 15, 2022

IN-PLANT TRAINING CERTIFICATE

This is to certify that Ms. M. SWETHA (Reg. No : 30521P14015)
M.Sc. (Chemistry), student from AUXILIUM COLLEGE, Vellore has undergone
Summer Training Programme at Thirumalai Chemicals Ltd., Ranipet for Fifteen
days from July 4, 2022

During this period, she was found to be very inquisitive in learning, sincere and
dedicated.

We wish her all the best for her future Endeavour.

For Thirumalai Chemicals Ltd.,



Kothanda Raman V
Senior Manager - Personnel & HR





PRINCIPAL
AUXILIUM COLLEGE (Autonomous)
Gandhi Nagar, Vellore - 632 006.
Vellore District, Tamil Nadu.

सिपेट : पेट्रोकेमिकल्स तकनीकी
संस्थान (आईपीटी)

सायन एवं पेट्रोसायन विभाग
सायन एवं उर्वरक मंत्रालय, भारत सरकार
गुण्डो, चेन्नै - 600 032.
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फैक्स : 91-44-22254707
ई-मेल : chennai@cipet.gov.in
वेबसाइट : www.cipet.gov.in



CIPET सिपेट
Central Institute of Petrochemicals Engineering and Technology



CIPET : INSTITUTE OF PETROCHEMICALS
TECHNOLOGY (IPT)

Department of Chemicals & Petrochemicals
Ministry of Chemicals & Fertilizers, Govt. of India
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Phone : 91-44-2225 4701 (6 Lines)
Fax : 91 - 44 - 22254707
E-mail : chennai@cipet.gov.in
Website : www.cipet.gov.in

CIPET : IPT/CHN/VTC/ Implant Trg./2022-23/14

08.07.2022

CERTIFICATE

This is to certify that Ms. VAISHNAVI C., D/o. Mr. Chandraganthan R., is a 1st year student of M.Sc. (Chemistry) from Auxilium College (Autonomous), Vellore 632006, has successfully completed the Implant Training Programme on "Plastics Processing & Testing" from 04.07.2022 to 08.07.2022 Central Institute of Petrochemicals Engineering and Technology (CIPET), Institute of Petrochemicals Technology (IPT), (Department of Chemicals & Petrochemicals, Ministry of Chemicals & Fertilizers, Govt. of India), Guindy, Chennai 600 032.

During the training period, the performance of the trainee was found good.



(Signature)
SHRIKANT SHIRALI

PRINCIPAL DIRECTOR & HEAD

(Signature)

(Signature)

PRINCIPAL
AUXILIUM COLLEGE (Autonomous)
Gandhi Nagar, Vellore - 632 006.
Vellore District, Tamil Nadu.

मुख्यालय : सिपेट, गुण्डो, चेन्नै - 600 032. Head Office : CIPET, Guindy, Chennai - 600 032.

केन्द्र : अहमदाबाद, अमृतसर, औरंगाबाद, अगस्तला, बर्दी, बालासोर, बेंगलुरु, भोपाल, भुवनेश्वर, चन्द्रपुर, चेन्नई, देहसादून, गुरुग्राम, गुवाहाटी, गुवालियर, हैदराबाद, हाजीपुर, हल्दिया, इम्फाल, जयपुर, कोच्चि, कोरबा, लखनऊ, मदुरै, मुरथल, मैसूर, रायपुर, राँची, वलसाड, वाराणसी एवं विजयवाड़ा
Centres : Ahmedabad, Amritsar, Aurangabad, Agartala, Baddi, Balasore, Bengaluru, Bhopal, Bhubaneswar, Chandrapur, Chennai, Dehradun, Gurugram, Guwahati, Gwalior, Hyderabad, Hajipur, Haldia, Imphal, Jaipur, Kochi, Korba, Lucknow, Madurai, Murthal, Mysuru, Raipur, Ranchi, Valsad, Varanasi & Vijayawada

CERTIFICATE

I do hereby certify that the Summer Project report entitled "SYNTHESIS AND CHARACTERIZATION OF VISIBLE LIGHT ACTIVE NiWO₄ PHOTOCATALYST" has been carried out by the candidate Ms.T.YOGALAKSHMI, II M.Sc. Chemistry, PG and Research Department of Chemistry, Auxilium College (Autonomous) in the Department of Chemistry, Thiruvalluvar University, during the period 04.07.2022 to 23.07.2022.

J. Madhavan
23/09/2022

Signature of the Guide with seal

DR. J. MADHAVAN
Associate Professor,
Department of Chemistry,
Thiruvalluvar University
Vellore - 632 115

Dr. J. Madhavan

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Vellore District, Tamil Nadu.