



# ARULMIGU PALANIANDAVAR COLLEGE OF ARTS AND CULTURE

(Reaccredited with "A" Grade by NAAC)

Run by Arulmigu Dhandayuthapani Swamy Thirukkoll, H.R & C.E Dept. Government of Tamilnadu

A Government Aided College - Affiliated to Madurai Kamaraj University, Madurai

Dindigul Road, Palani - 624601



## 1.3 CURRICULUM ENRICHMENT - SUPPORTIVE DOCUMENTS

DEPARTMENT : CHEMISTRY

CLASS : II M.SC YEAR : 2019-2020

S.N O.	UNIVERSITY REG. NO.	NAME OF THE STUDENT	NAME OF PROJECT GUIDE	TITLE OF THE PROJECT
1	B8E13701	DEVILAKSHMI.L	DR.N.VISHNUDHARI	PHYTOCHEMICAL & PHARMOLOGICAL ANALYSIS OF CATHARANTHUS ROSEUS - LEAF
2	B8E13703	GAYATHRI.A	DR.N.KAVITHA	PRELIMINARY PHYTOCHEMICAL ANALYSIS OF ARTEMISLAPALLENS FOR CORROSION STUDIES
3	B8E13704	LAVANYA .M	DR.R.MAHENDRAN	WATER PURIFICATION & ANALYSIS
4	B8E13705	SOWNDEESWARI.M	DR.S.MANIMEGALA I	A PHYTO PHARMACOLOGICAL STUDIES ON ALTERNANTHERA SESSILIS
5	B8E13707	BOOMIRAJ.T	DR.S.MANIMEGALA I	PHYTOCHEMICAL INVESTIGATION & ANTIOXIDANT ACTIVITY OF CYAMPOSISTETRAGONO LABA
6	B8E13708	DARWIN KUMAR.R.V	DR.P.PRABHAKAR	PHYTOCHEMICAL & PHARMOLOGICAL ANALYSIS OF CATHARANTHUS ROSEUS
7	B8E13709	DINESHKUMAR.V	DR.M.C.DURAIMANI CKAM	SONO CHEMISTRY
8	B8E13710	GOWTHAM .M	DR.V.GOPALAKRIS HANAN	STUDY OF CONDUCTING POLYMER
9	B8E13711	MUKESH.G	DR.A.ASHOKKUMA	SYNTHESIS & CHARACTER

			R	ISATION OF BENZOXAZINE FUNCTIONAL SILANE CORROSION PREVENTION.
10	B8E13712	MUTHUVELVIGN ESH.B	DR.R.MAHENDRAN	STUDIES OF CORROSION PROTECTION BY POLYMERIC MATERIALS
11	B8E13713	NARENDIRAN. J	DR.M.UMAYAVALLI	TOOTH DECAY AND EROSION RELATED TO NON ALCOHOLIC BEVERAGE S.
12	B8E13714	RAJ KUMAR.N	DR.N.VISHNUDHARI	PHYTOCHEMICAL & PHARMALOGICAL ANALYSIS OF CATHARANTHUS ROSEUS - STEM
13	B8E13716	THIYAGARAJAN. M	DR.C.KUMARESAN	SYNTHESIS & CHARACTERISATION OF TiO <sub>2</sub> , BASED ON BENZOXINE COMPOUND

April - 2020

2019-2020

**CERTIFICATE**

This to certify that this project report entitled "**PHYTOCHEMICAL AND PHARMOLOGICAL ANALYSIS OF CATHARANTHUS ROSEUS**"-A Review submitted in partial fulfillment of the requirements for the degree of master of science in chemistry of Madurai Kamaraj university under semester system to Department of Chemistry, Arulmigu Palaniandavar Collage of Arts and Culture, Palani, is a bonafide record of the work done by **L.DEVILAKSHMI**, Register Number: **B8E13701** under my supervision and guidance.

REC- *[Signature]* 11/9/2020  
**Dr.M.C.DURAIMANICKAM**  
Associate Professor and Head  
Department of Chemistry  
A.P.A College of Arts and culture  
Palani - 624 601

*[Signature]* 11/9/2020  
**Dr.N.VISHNUTHARI,**  
Assistant Professor  
Department of Chemistry  
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PALANI - 624 601.



## CERTIFICATE

This to certify that the project report entitled "**PRELIMINARY PHYTOCHEMICAL ANALYSIS OF ARTEMISIA PALLENS (DAVANAM) FOR CORROSION STUDIES**" submitted in partial fulfillment of the requirement for the degree of Master of science in chemistry of Madurai Kamaraj University under semester system to Department of Chemistry, A.P.A college of Arts and Culture Palani, is a bonafide certificate of the work done by **A.GAYATHRI**, Register Number-**B8E13703** under my supervision and guidance.

*Dr. M.C. Duraimanickam*  
**Dr.M.C.DURAIMANICKAM,**  
Associate professor and Head,  
Department of Chemistry,  
A.P.A. College of Arts and Culture  
Palani.

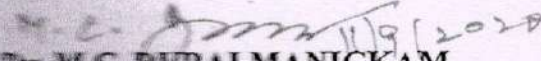
*N. Kavitha*  
**Dr.N.KAVITHA,**  
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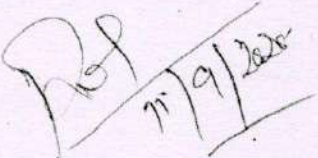
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**Arulmigu Palaniandavar College**  
**of Arts & Culture,**  
**PALANI - 624 601.**



## CERTIFICATE

This to certify that this project report entitled "WATER PURIFICATION AND ANALYSIS - REVIEW" submitted in partial fulfillment of the requirement for the degree of Master of Science in Chemistry of Madurai Kamaraj University under semester system to the Department of Chemistry, ArulmiguPalaniandavar College of Arts and Culture, Palani, is a bonafied record of the work done by **MLAVANYA, B8E13704** under my supervision and guidance.

  
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## CERTIFICATE

This to certify that this project report entitled "A Phyto-Pharmacological studies on *Alternanthera sessilis*- A REVIEW" submitted in partial fulfillment of the requirements for the degree of Master of Science in Chemistry of Madurai Kamaraj University under semester system to Department of Chemistry, A.P.A College of Arts & Culture, Palani, is a bonafide record of work done by **M.SOWNDEESWARI, Register Number: B8E13705** under my supervision and guidance.

  
**Dr.M.C.DURAIMANICKAM,**  
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**Dr.S.MANIMEGALAI,**  
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## CERTIFICATE

This to certify that this project report entitled “**Phytochemical Investigation and Antioxidant Activity of *Cyamopsis tetragonoloba* (Guar or Cluster bean)**” submitted in partial fulfillment of the requirements for the degree of Master of Science in Chemistry of Madurai Kamaraj University under semester system to Department of Chemistry, A.P.A College of Arts and Culture, Palani, is a bonafide record of work done by **T.BOOMIRAJ**, Register Number: **B8E17907** under my supervision and guidance.

*M.C. Duraimanickam 11/9/2020*  
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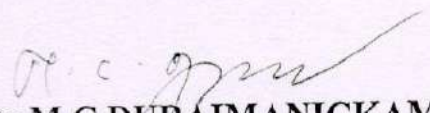
*S. Manimegalai 11/9/2020*  
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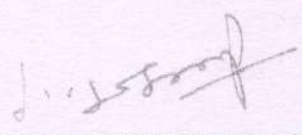
*[Signature]*  
**PRINCIPAL**  
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**PALANI - 624 601.**



**CERTIFICATE**

This to certify that this project report entitled "**PHYTOCHEMICAL AND PHARMOLOGICAL ANALYSIS OF CATHARANTHUS ROSEUS - A REVIEW**" submitted in partial fulfillment of the requirements for the degree of master of science in chemistry of Madurai Kamaraj university under semester system to Department of Chemistry, Arulmigu Palaniandavar Collage of Arts and Culture, Palani, is a bonafide record of the work done by **R.V.DARWIN KUMAR**, Register Number: **B8E13708** under my supervision and guidance.

  
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**Dr.P.PRABHAKAR,, Principal**  
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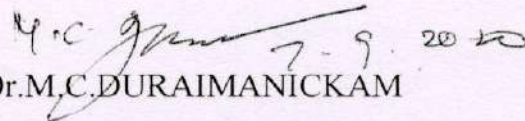


2019-20

## CERTIFICATE

I hereby certify that this project report entitled "SONO CHEMISTRY" – A  
submitted in Partial fulfillment of requirement for the degree of Master  
in Chemistry of Madurai Kamaraj University under semester system to  
Department of Chemistry, Arulmigu Palaniandavar College of Arts and Culture,  
Palani, has a bonafied record of the work done by V.DINESHKUMAR, Register  
No. 8E13709 under my supervision and guidance.

  
Dr. M.C. DURAIMANICKAM  
Professor and Head,  
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Dr. M.C. DURAIMANICKAM  
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## CERTIFICATE

This to certify that this project report entitled "STUDY OF CONDUCTING POLYMER - A REVIEW" submitted in partial fulfillment of the requirement for the degree of Master of Science in Chemistry of Madurai Kamaraj University under semester system to the Department of Chemistry, Arulmigu Palaniandavar College of Arts and Culture, Palani, is a bonafied record of the work done by M.GOWTHAM, B8E13710 under my supervision and guidance.

*M.C. Durai Manickam 20/11/2020*  
**Dr. M.C. DURAI MANICKAM**

Associate Professor and Head,  
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*V. Gopalakrishnan*  
**Dr. V.GOPALAKRISHNAN**

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*J. Jeyaraj*  
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*M.Gowtham*



## CERTIFICATE

This to certify that this project report entitled "SYNTHESIS AND CHARACTERISATION OF BENZOXAZINE FUNCTIONAL SILANE FOR CORROSION PREVENTION" submitted in partial fulfillment of the requirements for the degree of master of science in chemistry of Madurai Kamaraj university under semester system to Department of Chemistry, Arulmigu Palaniandavar Collage of Arts and Culture, Palani, is a bonafide record of the work done by G.MUKESH Register Number: B8E13701 under my supervision and guidance.

M.C. Duraimanickam  
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L. S. S. S. S.  
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PALANI - 624 601.

Jm




## CERTIFICATE

This to certify that this project report entitled "STUDIES ON CORROSION PROTECTION BY POLYMERIC MATERIALS" submitted in partial fulfillment of the requirement for the degree of Master of Science in Chemistry of Madurai Kamaraj University under semester system to the Department of Chemistry, Arulmigu Palaniandavar College of Arts and Culture, Palani, is a bonafied record of the work done by **B. MUTHUVELVIGNESH, B8E13712** under my supervision and guidance.

  
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Dr. R. MAHENDHIRAN

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PALANI - 624 601.



## CERTIFICATE

This to certify that this project report entitled "TOOTH DECAY AND EROSION RELATED TO NON ALCOHOLIC BEVERAGES" submitted in partial fulfillment of the requirement for the degree of Master of Science in Chemistry of Madurai Kamaraj University under semester system to the Department of Chemistry, Arulmigu Palaniandavar College of Arts and Culture, Palani, is a bonafied record of the work one by J.NARENDIRAN, B8E13713 under my supervision and guidance.

*M.C. Durai Manikam 11/5/20*  
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Associate Professor and Head,  
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*M. Umayavalli 11/9/20*  
**Dr.M.UMAYAVALLI**

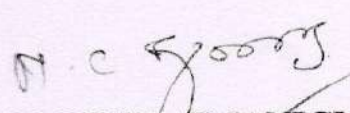
Associate Professor in Chemistry,  
Department of Chemistry,  
Arulmigu Palaniandavar  
College of Arts and Culture,  
Palani.

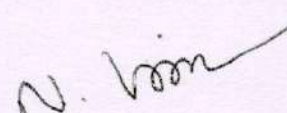
*J. Jeyaraj*  
**PRINCIPAL**  
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PALANI - 624601.



## CERTIFICATE

This to certify that this project report entitled “**PHYTOCHEMICAL AND PHARMOLOGICAL ANALYSIS OF *CATHARANTHUS ROSEUS* – A REVIEW**” submitted in partial fulfillment of the requirements for the degree of master of science in chemistry of Madurai Kamaraj university under semester system to Department of Chemistry, Arulmigu Palaniandavar Collage of Arts and Culture, Palani, is a bonafide record of the work done by **N.RAJKUMAR**, Register Number: **B8E13714** under my supervision and guidance.

  
**Dr.M.C.DURAIMANICKAM**  
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## CERTIFICATE

This to certify that this project report entitled "SYNTHESIS AND CHARACTERISATION OF  $\text{TiO}_2$  BASED ON BENZOXINE COMPOUND" submitted in partial fulfillment of the requirements for the degree of master of science in chemistry of Madurai Kamaraj university under semester system to Department of Chemistry, Arulmigu Palaniandavar Collage of Arts and Culture, Palani, is a bonafide record of the work done by **M.THIYAGARAJAN** Register Number: **B8E13716** under my supervision and guidance.

*M.C. Duraimanickam 11/9/2020*  
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*C. Kumaresan*  
**DR. C.KUMARESAN,**  
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*L. S. S. S. S.*  
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