

Dr. Sajeev Martin Goerge
Assistant Professor



Research & P. G. Department of Chemistry
[DST FIST SPONSORED DEPARTMENT]

St. Thomas College, Pala

[CENTRE WITH POTENTIAL FOR
EXCELLENCE]

Pala -686 574, Kerala

CERTIFICATE

This is to certify that the project report entitled “**IRON(III) COMPLEX OF N,N'- ETHYLENE BIS (SALICYLALDIMINATE)**” is an authentic record of the project work carried out by **Ms. Sangeetha.M.T Reg. No. 150011007283** in partial fulfillment of the project work for the award of the degree of Masters of Science in Chemistry of Mahatma Gandhi University under my guidance and supervision during 2016-2017.

Dr. Sajeev Martin Goerge

Supervising teacher

Department of Chemistry

Counter signed by,

Dr. Sunny Kuriakose

Head of the Department of Chemistry

St. Thomas College, Pala

Dr. THOMAS V. MATHEW
Associate Professor



RESEARCH AND P.G DEPARTMENT OF
CHEMISTRY

[DST FIST Sponsored Department]

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PALA - 686574, KERALA

CERTIFICATE

This is to certify that the project report entitled "EXTRACTION, ISOLATION AND CHARACTERISATION OF ACTIVE COMPONENT FROM PIPER LONGUM" is an authentic record, of the work carried out by SHAKI MOL M.S (REG. NO: 150011007285) under my supervision and guidance during the period 2015-2017 in partial fulfilment of the degree of **Master of Science** under the **Faculty of Science, Mahatma Gandhi University, Kottayam**. The work presented in this report has not been submitted for any other degree or diploma earlier.

Pala

July 2017

THOMAS V. MATHEW

(Supervising Teacher)

Countersigned by,

Dr. SUNNY KURIAKOSE

(HOD, Department of Chemistry)

St. Thomas College, Pala)

Prof. TOJO JOSEPH
Assistant Professor



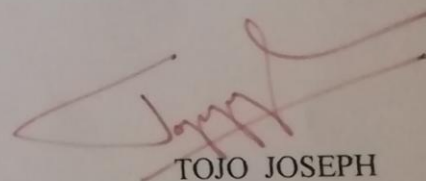
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PALA – 686574, KERALA, INDIA
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CERTIFICATE

This is to certify that the project report entitled "**PHYTOCHEMICAL EXTRACTION, CHARACTERISATION AND ANTIBACTERIAL STUDY OF ANDROGRAPHOLIDE FROM ANDROGRAPHIS PANICULATA**" is an authentic record of the work carried out by **SHAFINA P (REG. NO: 150011007284)** under my supervision and guidance during the period 2015-2017 in partial fulfilment of the degree of the **Master of Science in Chemistry** under the **Faculty of Science, Mahatma Gandhi University, Kottayam**. The work presented in this report has not been submitted for any other degree or diploma earlier.

Pala

20/07/2017



TOJO JOSEPH

(Supervising Teacher)

Countersigned by,

Dr. SUNNY KURIAKOSE

Head of the Department of Chemistry

St. Thomas College, Pala

Prof. JOGY ALEX
Associate Professor



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PALA - 686574, KERALA

CERTIFICATE

This is to certify that the project report entitled "EXTRACTION, ISOLATION AND CHARACTERISATION OF ACTIVE COMPOUNDS FROM *CURCUMA AROMATICA*" is an authentic record of the project work carried out by **NIROSHA JAMES** (Reg no.150011007281) under my supervision and guidance during 2016-2017 in partial fulfilment of the requirements for the award of the degree of Master of Science in Chemistry under the faculty of science, Mahatma Gandhi University, Kottayam. The work presented in this project report has not been submitted for any Degree or Diploma earlier.

Pala

July 2017

Prof. Jogy Alex
(Supervising Teacher)
Dept. of Chemistry
St. Thomas College, Pala

Countersigned by

Dr. Sunny Kuriakose
Head of the Department of Chemistry
St. Thomas College, Pala



Dr. Jogy Alex
Associate Professor

Research & P.G Department of Chemistry

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CERTIFICATE

This is to certify that the project report entitled Isolation, Characterization and , Anti bacterial study of components in alpinia galanga is an authentic record of the work carried out by Josmy Joseph under my supervision and guidance during the period 2015-2017 in partial fulfillment of the degree of Master of Science under the faculty Science, MG University. The work presented in this report has not been submitted for any other degree or diploma earlier.

Pala

July 2017

Prof. Jogy Alex

(Associate Professor)

Counter signed by

Dr. Sunny Kuriakose

(Head of the department of Chemistry)

Dr. SUNNY KURIAKOSE
Associate Professor & Head



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Member: faculty of Sciences, M.G. University

Member: Board of Studies, Kerala University

Palai-686574, Kerala

CERTIFICATE

This is to certify that the project report entitled "SYNTHESIS AND CHARACTERISATION AND PHOTORESPONSIVE STUDIES OF PHOTOCROMIC SYSTEM" is an authentic record of the project work carried out by **Ms. Binduja Mohan (Reg.No. 150011007274)** under my supervision and guidance during the period 2016-2017 in partial fulfillment of the degree of **Master of Science** in Chemistry under the **Faculty of Science, Mahatma Gandhi University, Kottayam**. The work presented in this report has not been submitted for any other degree or diploma earlier.

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17.07.2017



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