


Collaboration between Department of Chemistry, SH college Chalaky and Science Centre, Kodungallur

Report:

The Department of Chemistry has engaged in a collaboration with Science Centre, Kodungallur to facilitate the students to do projects in the latter institution as part of their UG and PG Curriculum. The Memorandum for collaboration was signed on 05/07/2017 at Sacred Heart College for Women, Chalaky. Other activities like joint organisation of seminars, exchange of students to the Science centre, sharing of faculty between both are all planned. As part of the Collaboration, a number of students have done their research projects with this institution.

The Document proving collaboration



SACRED HEART COLLEGE, CHALAKUDY.
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Date: 05/07/2017

**Memorandum of Understanding between Department of Chemistry,
Sacred Heart College, Chalaky & Science Center, Kodungallur**

Department of Chemistry, Sacred Heart College, hereinafter referred to as 'CHEM-SHC' and Science Center, Kodungallur hereinafter referred to as 'SCK', desiring to support the cooperation between the parties in education and training programmes and have reached the following understanding:

Objective and Scope of Cooperation: The objective of this Memorandum of Understanding (MoU) is to cooperate in educational projects, seminars, workshops, training programmes, and other areas as mutually agreed upon by the parties.

This MoU shall remain in force for a period of four (4) years and may be extended for another period of four (4) years by mutual written consent of the Parties



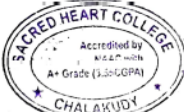
The undersigned, have signed this MoU.

Principal Sacred Heart College Chalaky	Head of the Department Department of Chemistry Sacred Heart College, Chalaky	Director Science Center Kodungallur
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Dr. Sr. Reena Ittyachan
Principal
Sacred Heart College
Chalaky

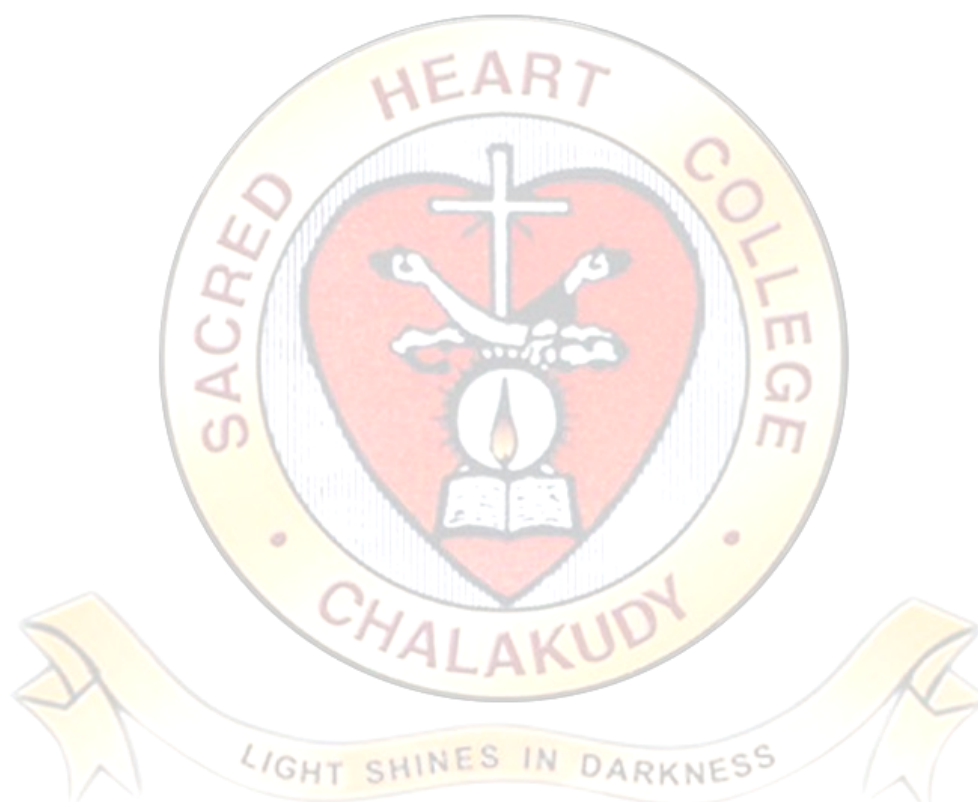
Maria Jose
Department of Chemistry
Sacred Heart College
Chalaky

Sreejith V S
Director
Science Center



List of students done research project :

Sl No.	Name of the student	Project title
1	Jositha George	Pyrolysis of poly-propylene and the analysis of pyrolytic fuel
2.	Lisma Johnson	Thermolysis of high density polyethylene and polystyrene



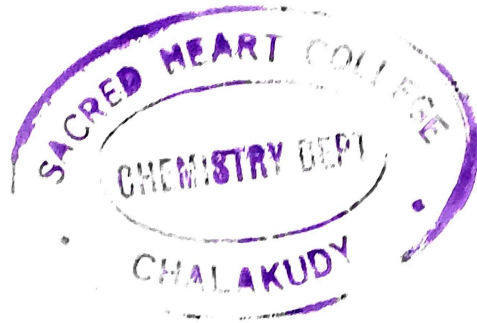
CERTIFICATE

This is to certify that the dissertation entitled "**PYROLYSIS OF POLYPROPYLENE AND THE ANALYSIS OF PYROLYTIC FUEL**" is an authentic record of the project work done by JOSITHA GEORGE (REG.NO:SHAPMCH006) under the supervision and guidance of Mr.Sreejith V.S. (Director,Science Centre,Kodungallur) and in partial fulfillment of the requirements for the award of Degree of Master of Science in Chemistry during the period of our study in Department of Chemistry,Sacred Heart College, Chalakudy.



Head of the Department

Department of Chemistry



Place: Chalakudy

Date: 24-9-2017

Submitted for the final year M.Sc Chemistry course to the University of Calicut held on

Examiner:

1)

2)

3)



SCIENCE CENTRE
SOCIETY FOR SCIENCE AND STUDENTS
Methala, Kodungallur- 680669

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **MS.JOSITHA GEORGE**, M.Sc Chemistry student of SACRED HEART COLLEGE CHALAKUDY has completed her project "PYROLYSIS OF POLYPROPYLENE AND THE ANALYSIS OF PYROLYTIC FUEL" at Science Centre, Kodungallur from 15-4-2017 to 31-5-2017. Her performance and conduct during the period was good.

She is committed, hardworking and punctual. We wish her all success in her future endeavors.

Sreejith V.S.
30/9/2017

Sreejith V.S

Director

Science Centre, Kodungallur



DECLARATION

I hereby declare that the project work entitled "**PYROLYSIS OF POLYPROPYLENE AND THE ANALYSIS OF PYROLYTIC FUEL**" is the original work carried out by me at Science Centre ,Kodungallur ,Thrissur during the period of my study in the Department of Chemistry, Sacred Heart College, Chalakudy.

I also agree that the findings in the report are based on the data collected by myself and submitted for award of Master Degree in pure Chemistry.

Place: Chalakudy

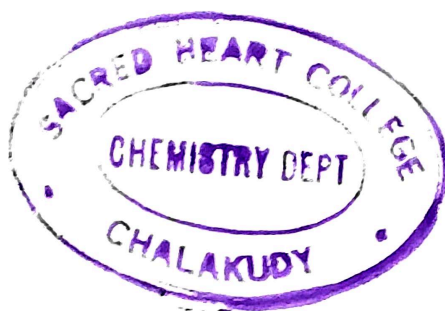
Date: 24-9-2017

JOSITHA GEORGE

SIGNATURE 

CERTIFICATE

This is to certify that the dissertation entitled “**THRMOlySIS OF HIGH DENSITY POLYETHYLENE AND POLYSTYRENE**” is an authentic record of the project work done by LISMA JOHNSON (REG.NO:SHAPMCH009) under the supervision and guidance of Mr.Sreejith V.S. (Director, Science Centre. Kodungallur) and in partial fulfillment of the requirements for the award of degree of Master of Science in Chemistry during the period of our study in Department of Chemistry, Sacred Heart College, Chalakudy.



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Head of the Department

Department of Chemistry

Place: Chalakudy

Date: 24-9-2017

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Examiner:

- 1)
- 2)
- 3)



SCIENCE CENTRE
SOCIETY FOR SCIENCE AND STUDENTS
Methala, Kodungallur- 680669

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **MS.LISMA JOHNSON**, M.Sc Chemistry student of SACRED HEART COLLEGE CHALAKUDY has completed her project "**THERMOLYSIS OF HIGH DENSITY POLYETHYLENE AND POLYSTYRENE**" at Science Centre, Kodungallur from 15-4-2017 to 31-5-2017. Her performance and conduct during the period was good.

She is committed, hardworking and punctual. We wish her all success in her future endeavors.

Sreejith V.S
30/9/2017

Sreejith V.S

Director

Science Centre, Kodungallur



ACKNOWLEDGEMENT

I express my deepest sense of gratitude to Dr.Sr.ReenaIttyachan, Principal Sacred Heart College Chalakudy and Mrs.Maria Jose ,Head of the Department for making arrangements for my project and for their support.

I am deeply thankful to Mr.Sreejith, Director of Science Centre ,Kodungallur and all other laboratory personnel for their valuable help to finish my project work. I am also grateful to management of Science Centre, Kodungallur , for permitting me to do the project work in their institution and hereby enabling me to gain experience and knowledge about the aspect of plastic pyrolysis.

PLACE: CHALAKUDY

LISMA JOHNSON

DATE: 24-9-2017 .