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Kalavakkam
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India

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Customer #: 30169146

Dr Dason Siluvai Michael
SSN College of engineering
Department of Chemistry
Kalavakkam
Chennai 603110 Tamilnadu
India

Invoice Total	\$211.22
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**THIS IS NOT A BILL. FULL PAYMENT WAS RECEIVED
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14/07/18

From

Dr.M.Siluvai Michael
Associate Professor
Department of Chemistry
SSN College of Engineering

Recommended
P. De m/f/m

To

The Principal
SSN College of Engineering
Kalavakkam

Through: Proper Channel

Sub: Requisition for financial support to attend International conference, 16th ASSI in China

Dear Sir

I am glad to inform you that our two research papers are accepted for oral presentation in 16th Asian Conference on Solid State Ionics (ASSI) scheduled on August 5-7, 2018 in Shangai, China. Attending this conference is an opportunity for me to build networks with other academics and experts in energy storage devices all around the world that will help in collaborative research funding applications. Hence I request you to grant financial support to attend the conference.

The detailed costs of attending the conference and other necessary documents are enclosed for further process.

Thanking You

Yours Sincerely

M. Siluvai Michael
(M.Siluvai Michael)

Enclosure

1. Circular of the conference
2. Acceptance letter for oral presentation
3. Invitation to attend the conference
4. Statement of estimated cost

Approved
dc

forwarded
Ugapp

CONVEYANCE CLAIM FORM

Staff Name Dr. M. Siluvai MichaelDepartment ChemistryEmp. Code 8485Programme Name The 16th Asian Conference on SolidProgramme Date 05/08/18 to 09/08/18Place Shanghai, ChinaTowards: Deliver an invited talk and poster presentationDate: 14/08/18Conference on Solid
state Ionics

Date	Departure	Arrival	Kind of Journey	Travel Rate	Boarding	Lodging	Other cha	Total (Rs.)
05/08/18	Chennai	Shanghai, China	By air	Ticket cost				
06/08/18	Shanghai, China	Chennai	By air	Booked by SSN Trust				
05/08/18	Pudupattanam	Airport	By taxi	545.00				545.00
From	Registration	Chennai		Waived.				
05/08/18					900 CNY x (10.12)			9,108.00
07/08/18	Tinjiang	City	Baigulan Hotel					
08/08/18	Airport Chennai	Pudupattanam	By taxi	787.00				787.00
05/08/18								
08/08/18	Boarding, ground	transport			220 x 4			9,360.00
			miscellaneous		CNY x			
					10.12 =	9,360.40		
TOTAL (Rs.)				1,332		18,480.40		19,750.40

M. Siluvai Michael
14/08/18
Claimer's Signature

S. Siluvai Michael
Head of the Department

S. Siluvai Michael
Principal

From,

19-4-2022

Tanusree Sengupta,
Assistant professor,
Department of Chemistry,

To,
The Principal,
SSN College of Engineering,
Kalavakkam- 603 110, Chennai

Dear Sir,

***Sub: Request to present paper in ISTH Congress 2022 London - Registration fees
and conveyance reimbursement -reg***

This is for your kind attention that the abstract titled " Ca^{2+} and Zn^{2+} binding to human Protein Z (PZ) induces structural changes that augments its lipid binding" has been accepted for presentation at the International Conference ISTH congress 2022 to be held in London, UK, 9-13th July 2022. The registration fee for the author in the conference is 240 GBP.

As per the eligibility criteria for sponsoring the faculty for participation in conference overseas, I have 6 years of teaching experience in SSN, 2 externally funded project (one completed, one ongoing) and 4 web of science indexed international peer reviewed papers in the last five years. Currently I am guiding 1 research student for PhD. I am also applying for the SERB travel grant.

Therefore, I seek your permission for attending the conference and request you to extend SSN sponsorship towards reimbursement of registration fees, Visa charges and TA/DA as per the SSN travel policy.

Thanking you,

Sincerely,


Tanusree Sengupta

Enclosed:

1. Acceptance letter
2. Tentative budget
3. Applicant's credentials
4. PhD Student's registration letter


forwarded




19/4/22

Forwarded to President


20/4/22

Recommended

20/4/22

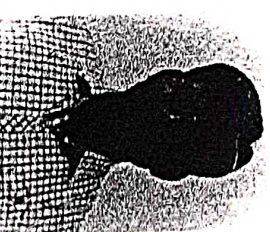
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SCIBAY PUBLICATIONS
in association with
**SOCIETY FOR CHEMICAL AND
SYNTHETIC BIOLOGY**

PROUDLY PRESENTS

SCIBAY YOUNG RESEARCHER AWARD

to



Dr. A. Murugesan


Assistant Professor,

Dept. of Chemistry, SSN College of Engineering,
Kalavakkam, Kanchipuram, Tamilnadu, India
on 31st March, 2019 during 1st Scibay International
*Conference on Science, Engineering, Technology and
Management*, in recognition towards his research
accomplishment.



DIRECTOR

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FRAGRANCE AND FLAVOUR DEVELOPMENT CENTRE

A Govt. of India Autonomous Body
Ministry of Micro, Small & Medium Enterprises
Kannauj - 209 726, U.P. (INDIA)

Date : 27.08.2021

Place : Kannauj

No. : FFDC/21-22/430

Certificate

This is to certify that Mr./Ms./Mrs. **S. I. Davis Presley**
S/o/D/o/W/o Mr. S. I. Mohandoss Resident of Chennai, (Tamil Nadu)..
has successfully completed **Online Training Programme** on **Essential oil,**..
Perfumery and Aromatherapy w.e.f. 25.08.2021 to 27.08.2021

APM
27/8/2021

Head of Division (Training)

V Shukla
27-8-2021

Principal Director

CERTIFICATE of PARTICIPATION

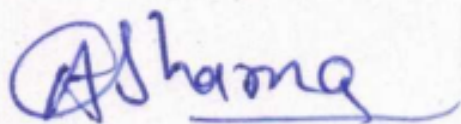
THIS CERTIFICATE IS PRESENTED TO

Dr. V. Tamilmani

-

SRI SIVASUBRAMANIYA NADAR COLLEGE

HAS ATTENDED TWO DAY'S HANDS ON ONLINE TRAINING WORKSHOP ON
(7th - 8th September -2023) ON NANOMATERIAL & NANODEVICE MODELING SIMULATION USING NanoDcal
SOFTWARE FROM NANOACADEMIC TECHNOLOGIES.



ANIL KUMAR SHARMA



RAVIKANT SHARMA

Synthesis of aromatic diimide containing bisphenols and their copolycarbonates

Murugesan,*¹ M. Divakaran¹ and S. Sivaram²

¹SSN College of Engineering (Autonomous), Kalavakkam, Kanchipuram, India.

²Indian Institute of Science Education and Research, Pune, India.

*Corresponding author's E-mail: murugesana@ssn.edu.in



Introduction

- ❖ Aromatic polycarbonates (PC) constitute an important class of materials which find wide applications as high performance engineering polymers
- ❖ The properties of PC are characterized by high T_g , high transparency and high impact properties
- ❖ The most successful approach to enhance the thermal stability of PC is by incorporating the rigid and flexible comonomer in the polymer back-bone

Objectives

- To incorporate different rigid (imide) and flexible ($-\text{C}(\text{CF}_3)_2-$, $-\text{C}(\text{CH}_3)_2-$ and $-\text{O}-$) functional moieties in the diimide comonomer
- To incorporate the diimide comonomers in polycarbonate structure
- To enhance the thermal stability of copolycarbonates without loss of transparency, ductility and processability

Synthesis and Characterization of Diimide Monomers

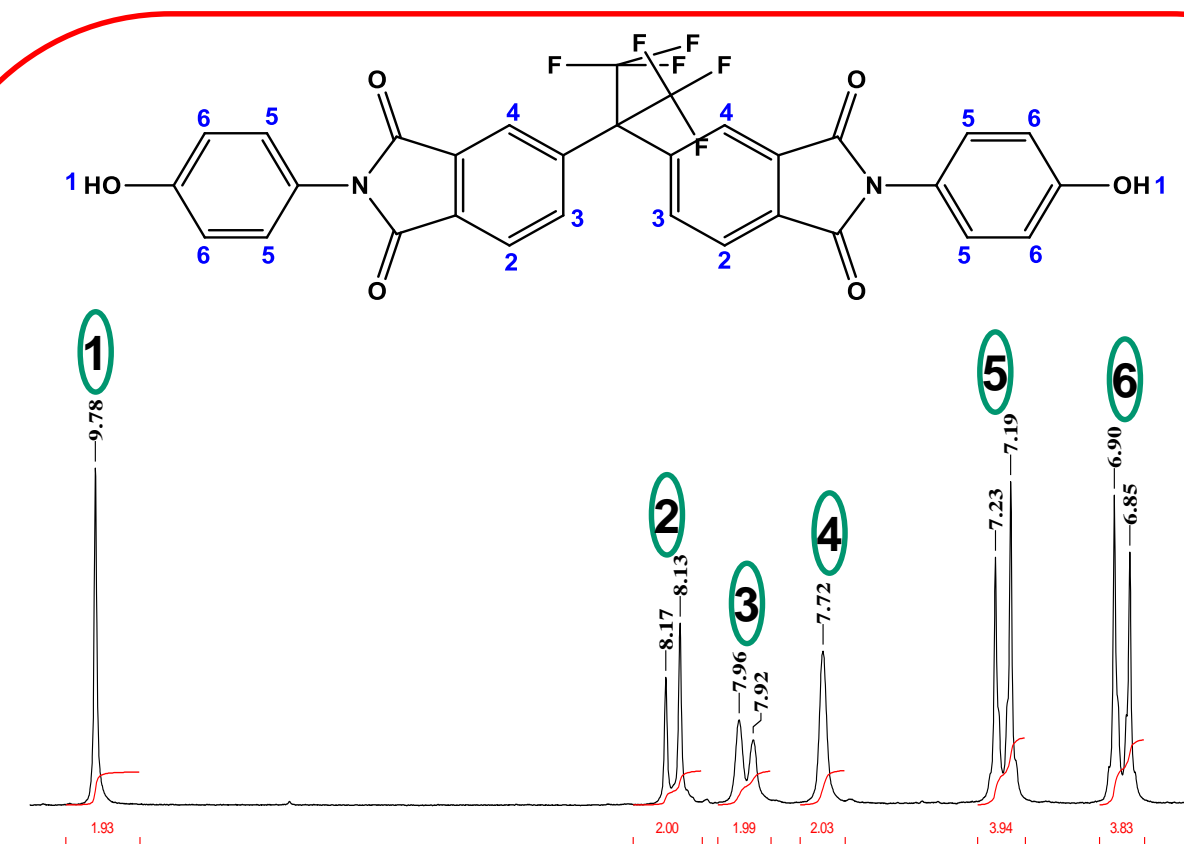
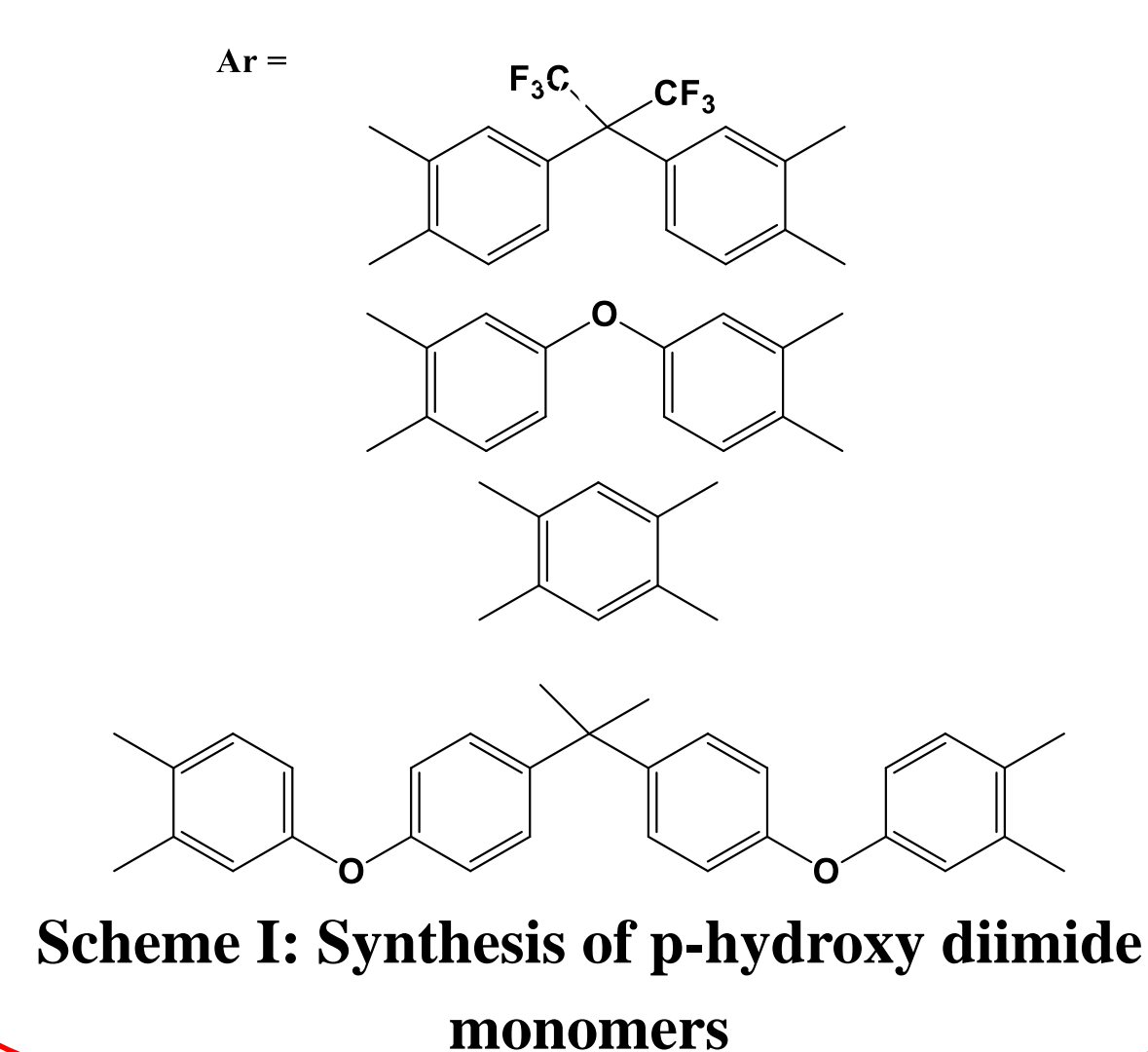
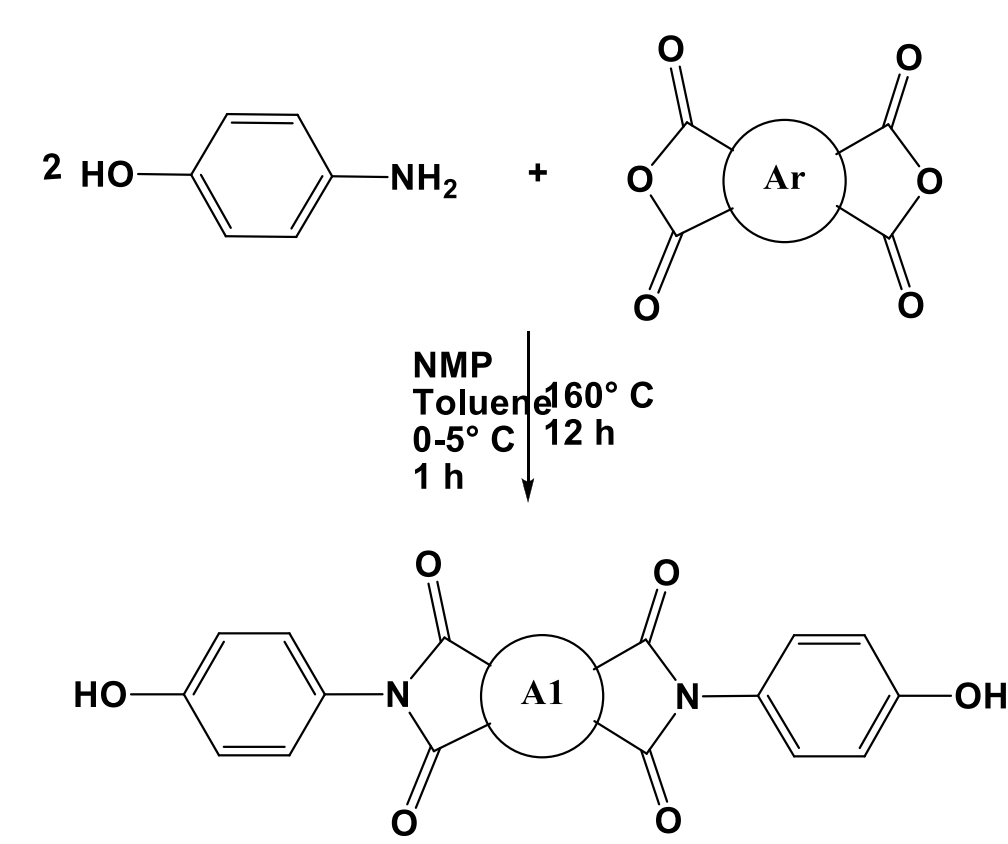


Figure 1 ¹H-NMR spectrum of 5,5'-(perfluoropropane-2,2'-diyl)bis(2-(4-hydroxyphenyl)isoindoline-1,3-dione) (1)

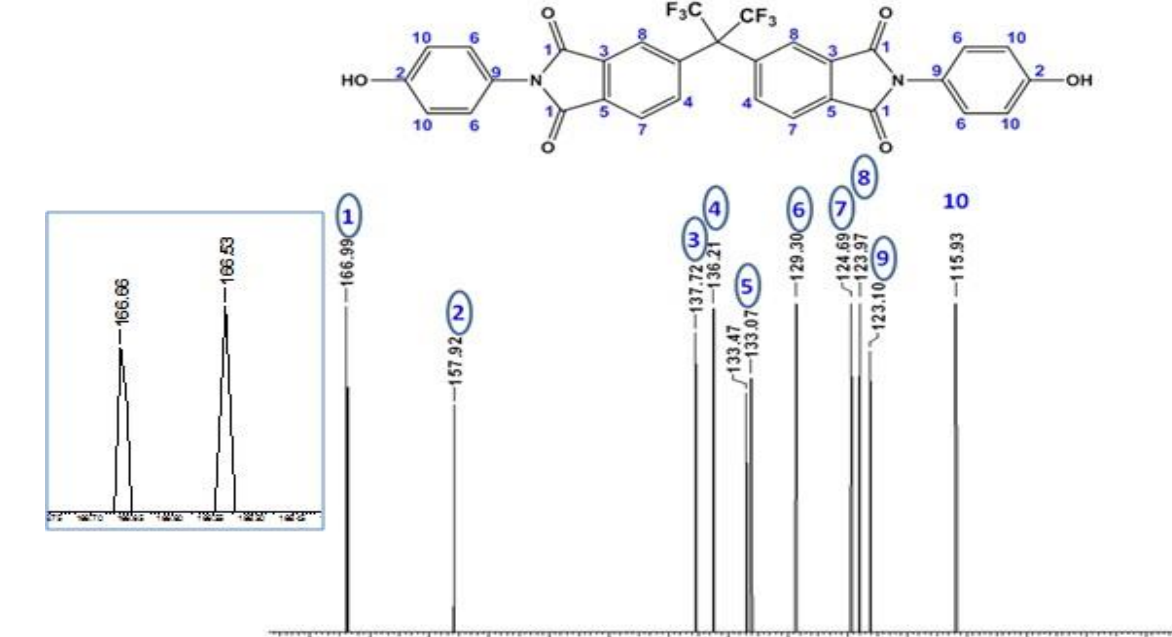


Figure 2 ¹³C-NMR spectrum of 5,5'-(perfluoropropane-2,2'-diyl)bis(2-(4-hydroxyphenyl)isoindoline-1,3-dione) (1)

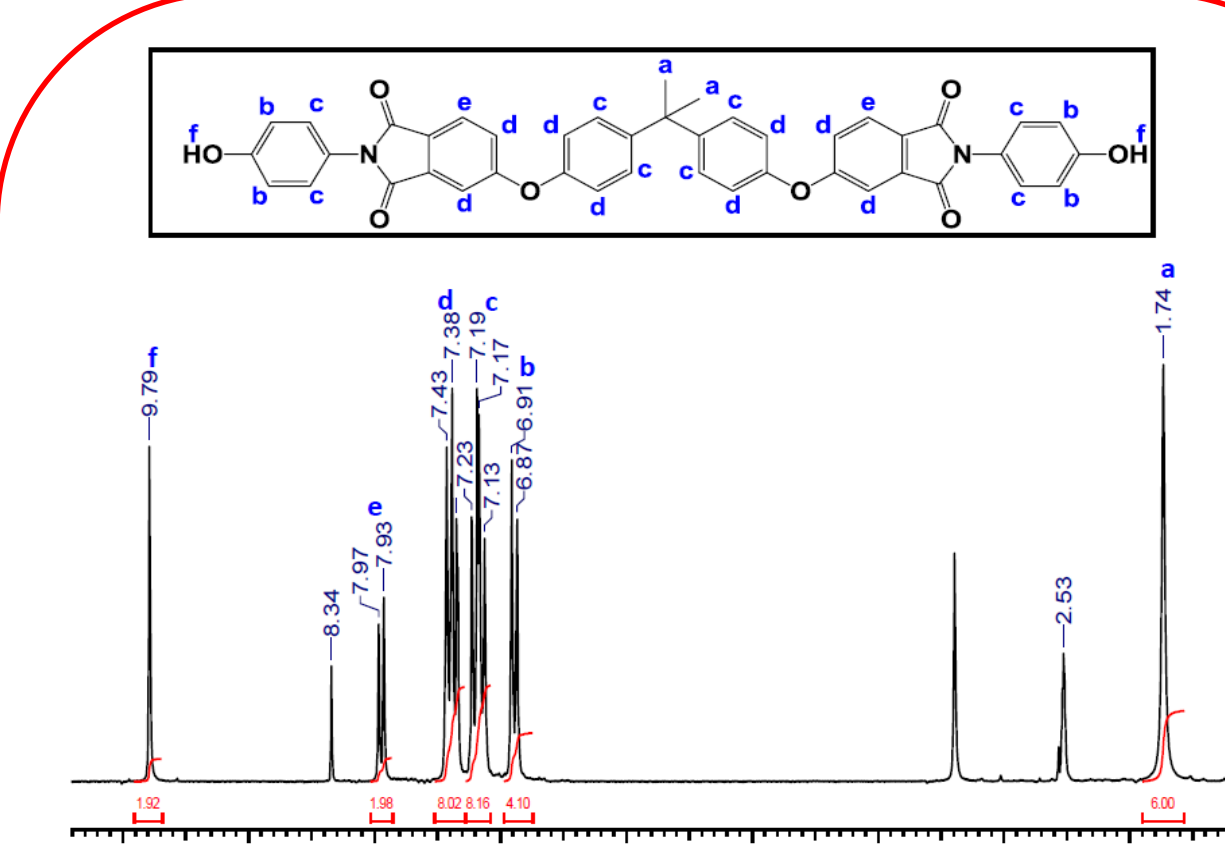


Figure 3 ¹H-NMR spectrum of 5,5'-(4,4'-(propane-2,2-diyl)bis(4,1-phenylene))bis(oxy)bis(2-(4-hydroxyphenyl)isoindoline-1,3-dione) (4)

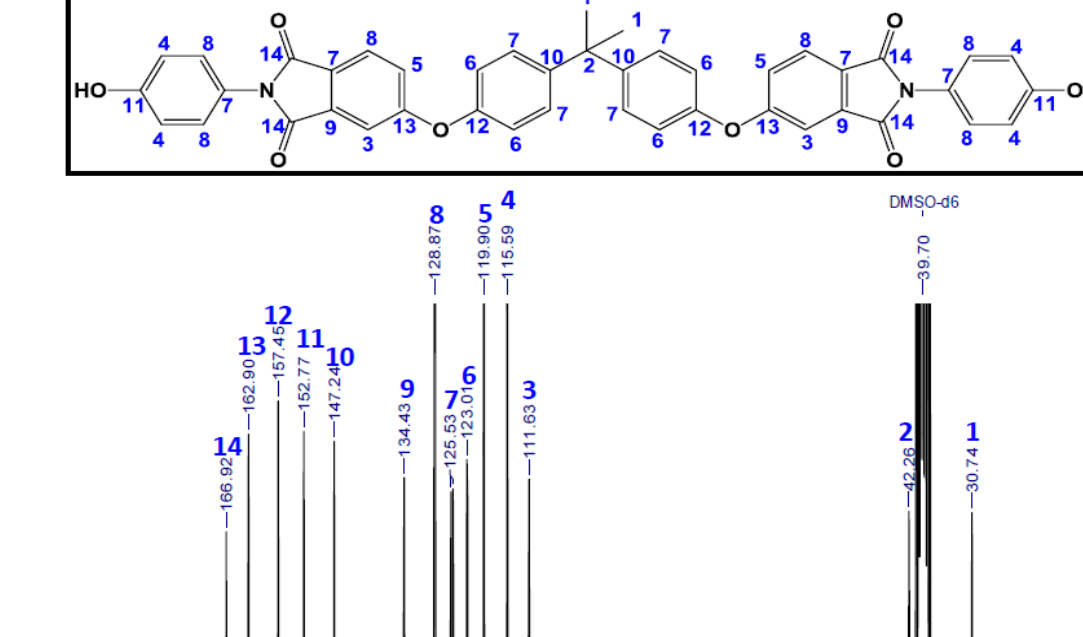


Figure 4 ¹³C-NMR spectrum of 5,5'-(4,4'-(propane-2,2-diyl)bis(4,1-phenylene))bis(oxy)bis(2-(4-hydroxyphenyl)isoindoline-1,3-dione) (4)

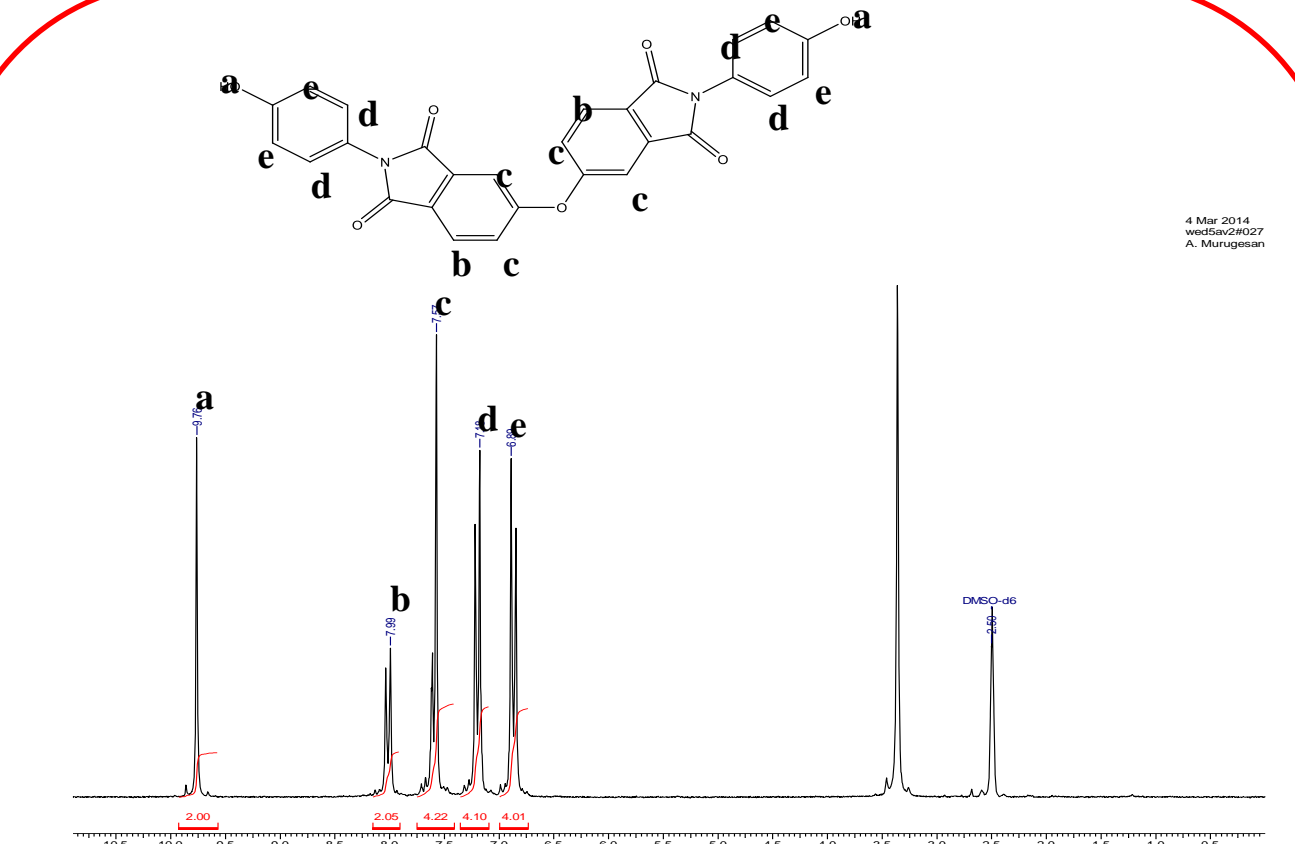


Figure 5 ⁵H-NMR spectrum of 5,5'-oxybis(4-(2-hydroxyphenyl)isoindoline-1,3-dione) (2)

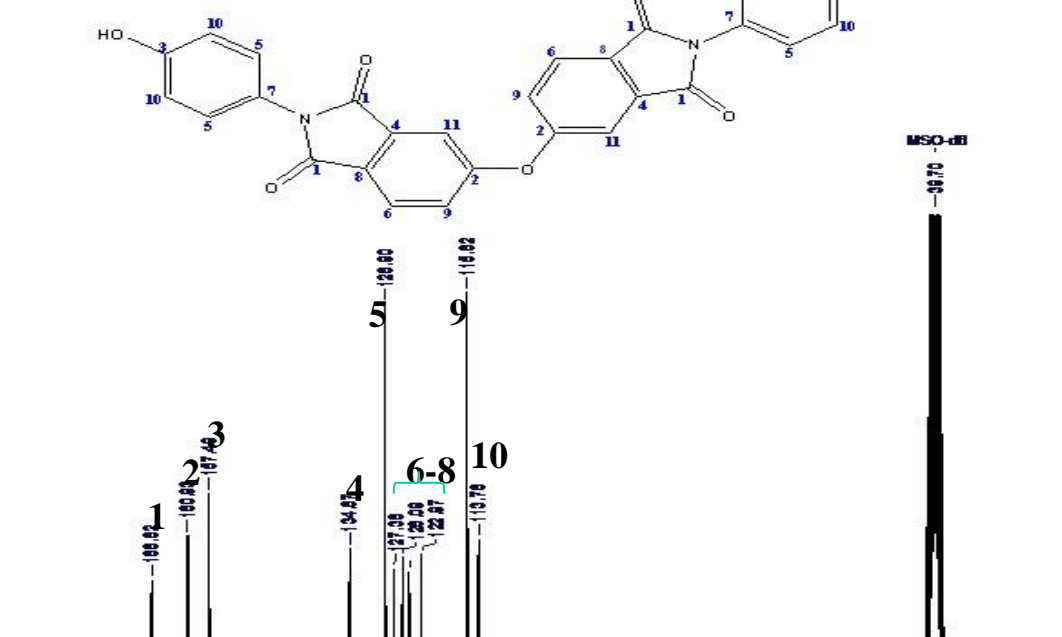
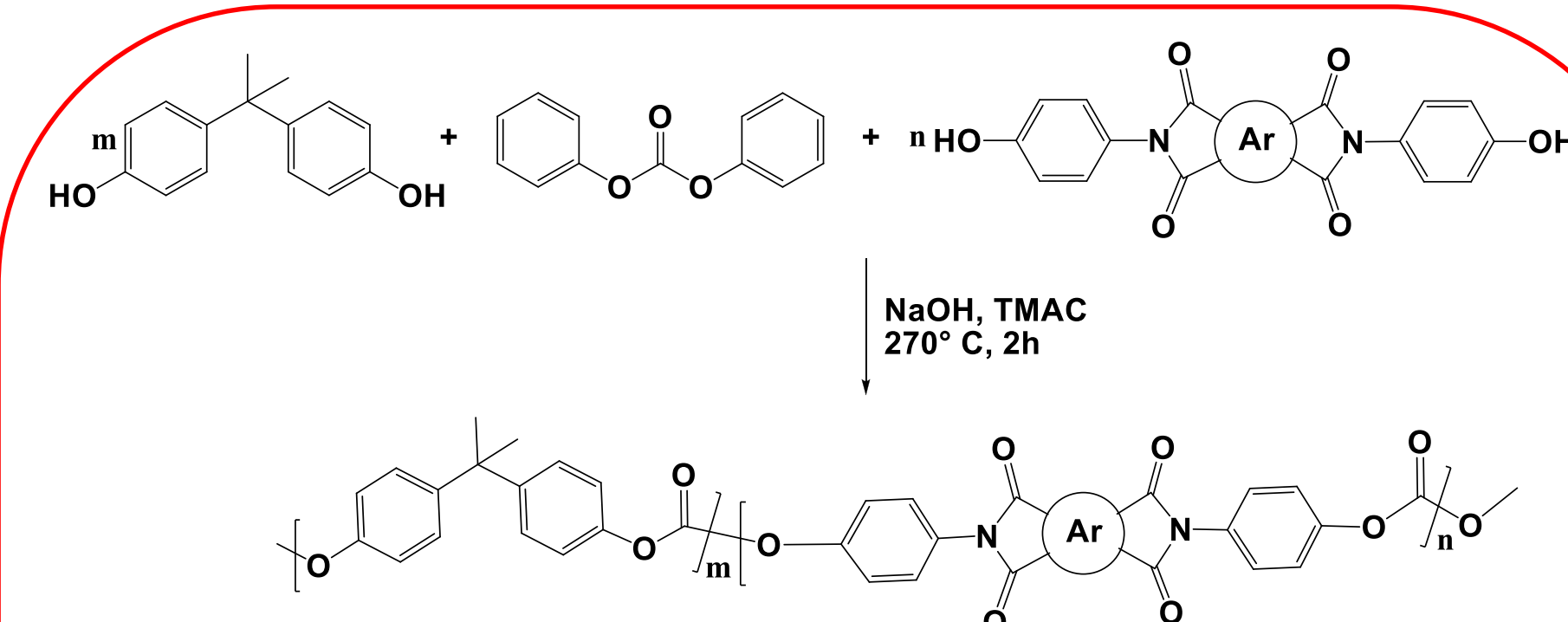


Figure 6 ¹³C-NMR spectrum of 5,5'-oxybis(4-(2-hydroxyphenyl)isoindoline-1,3-dione) (2)

Synthesis and Characterization of Copolycarbonates



Scheme-II: Synthesis of copolycarbonates

S.no	m (BPA)	n (Monomers)	[η] dLg ⁻¹	Tg° C
5	0.95	0.05 (1)	0.73	162
6	0.90	0.1 (1)	0.70	176
7	0.95	0.05 (4)	0.66	153
8	0.9	0.1 (4)	0.64	159
9	1.0	-	0.76	143

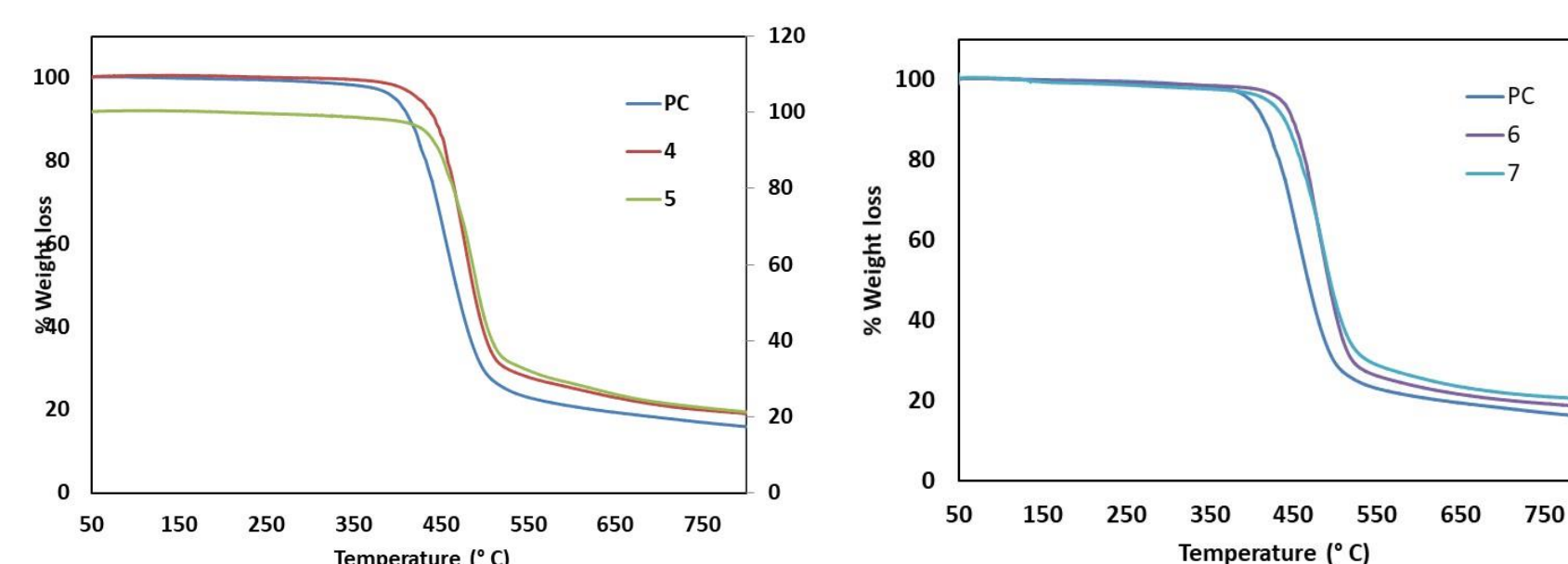


Figure 13 TG analysis of PC, Co-PC-4 and Co-PC-5

Figure 14 TG analysis of PC, Co-PC-6 and Co-PC-7

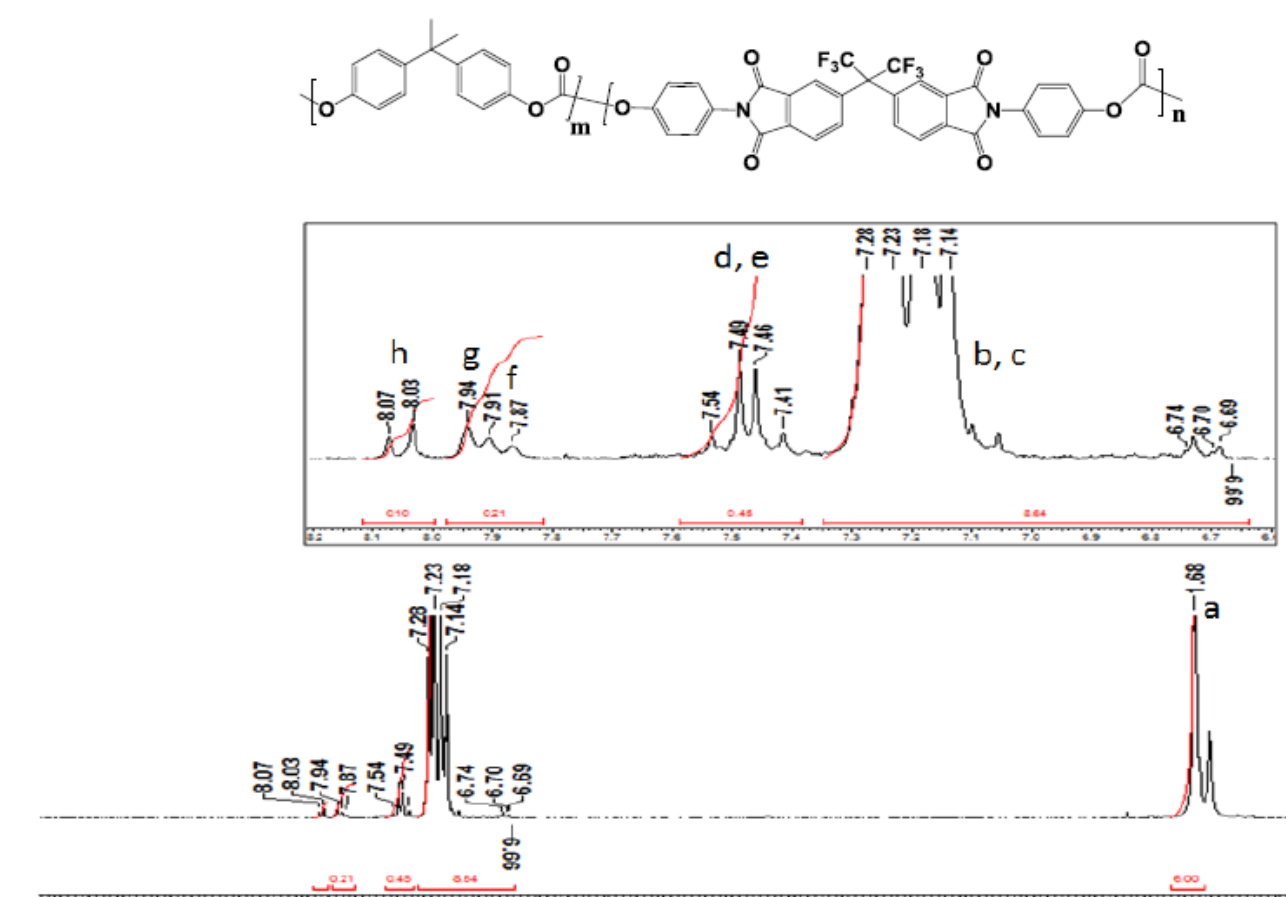


Figure 7 ¹H-NMR spectrum of Co-PC-4

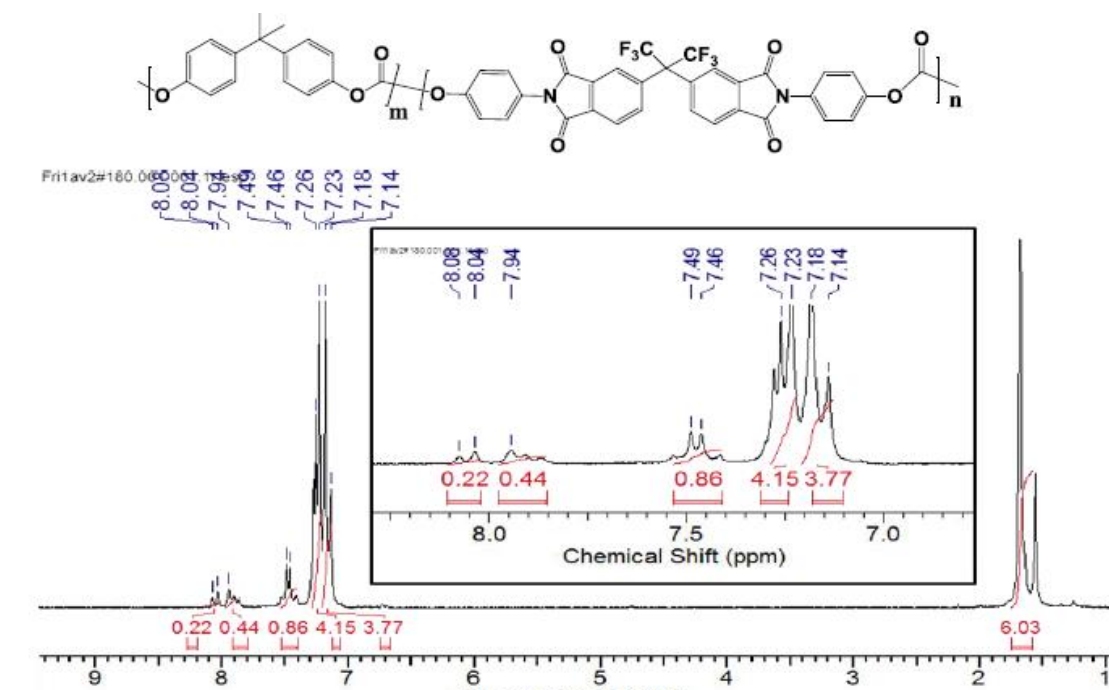
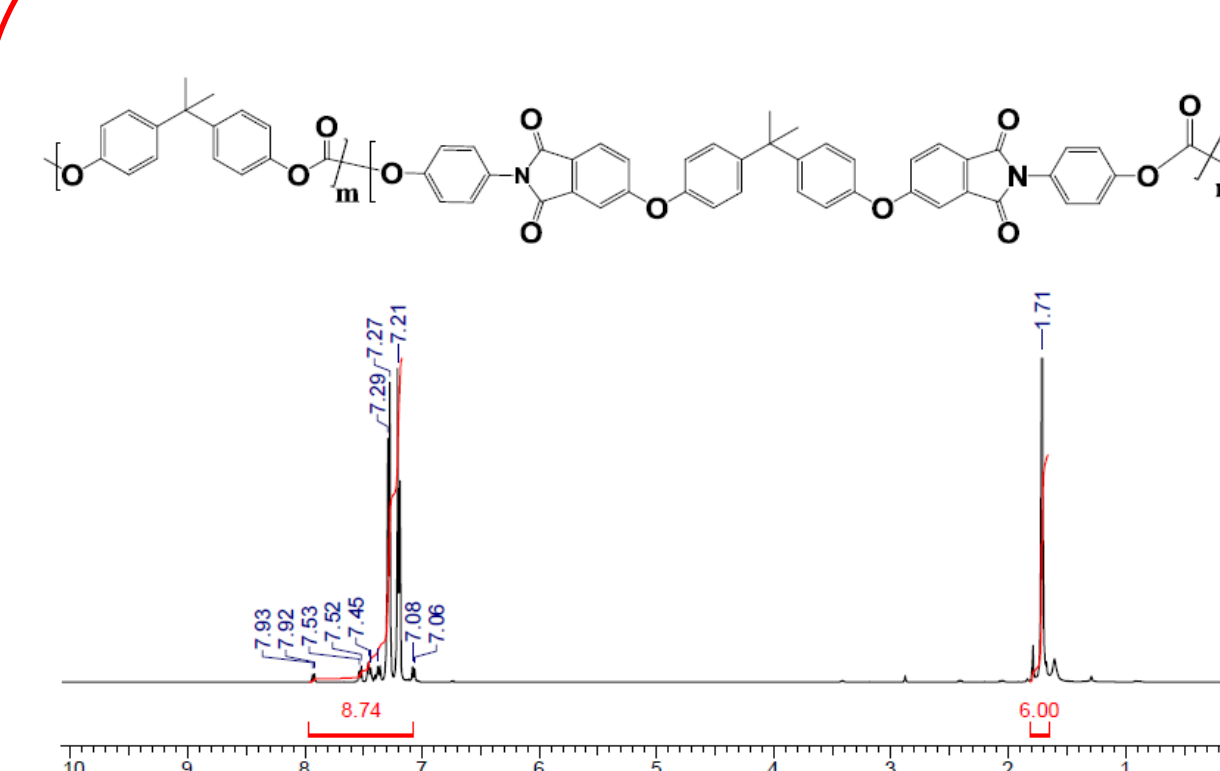
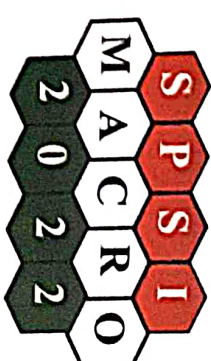


Figure 8 ¹H-NMR spectrum of Co-PC-5



16TH INTERNATIONAL CONFERENCE ON
SCIENCE AND TECHNOLOGY OF POLYMERS AND ADVANCED MATERIALS
THROUGH INNOVATION, ENTREPRENEURSHIP AND INDUSTRY



CERTIFICATE

This certificate is awarded to

MURUGESAN ARUKKANT

who has participated/presented poster/delivered a lecture in the SPSI
MACRO-2022 Conference held at CSIR-NCL, IISER-P and SPU in Pune
Maharashtra, India from 2nd to 4th November, 2022

Yali

Asha

Ramakrishnan

Dr. Samir Chikkali

Co-convenor, SPSI-MACRO-2022

Dr. S. K. Asha

Convenor, SPSI-MACRO-2022

Prof. S. Ramakrishnan

President, SPSI

Organized By



Date: November 4th, 2022



SRM Institute of Science and Technology
Ramapuram Campus, Chennai, India
College of Science and Humanities

Department of Biotechnology
International Conference on
Biotechnological Emergence in Science & Technology - 2.0
(ICBEST - 2.0)

Confers
SRM-ICBEST 2.0 Young Scientist Award
to



DR. A. MURUGESAN

Assistant Professor
Department of Chemistry
Sri Sivasubramaniya Nadar College of Engineering
Chennai

on the connection of his presentation in the International Conference on
Biotechnological Emergence in Science and Technology (ICBEST - 2.0) held
on October 5th & 6th, 2023 at SRM IST - Ramapuram.