

## ORGANIZING COMMITTEE MEMBERS

Rev. Mother Mary Frances

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Sr. Belinda Pereira

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Prof. Dr. Reshmi R Prasad

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Dr. Sunita Kurur HOD,  
Dept. of Chemistry

Dr. Sindhu Yesodharan  
Convenor (MCA-2022)

Dr. Siji.V.L

Dr. Beena Kumari K S

Dr. Nimmy Mohan

Co-Convenor

Contact

Dr. Sindhu Yesdharan  
Convenor(MCA-2022)

Department of Chemistry

All Saints' College Chackai P.O.  
Thiruvananthapuram-695007

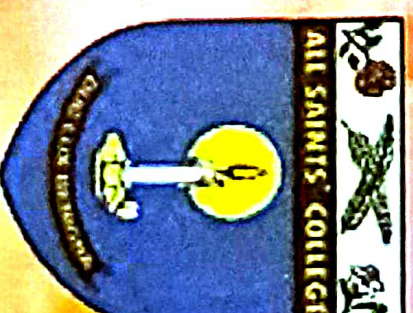
Kerala

Mobile No: 9446561033

E-mail: [sindhurakeshb@gmail.com](mailto:sindhurakeshb@gmail.com)

## INTERNATIONAL SEMINAR ON MATERIAL CHEMISTRY AND ITS APPLICATIONS (MCA-2022)

30<sup>th</sup> AUGUST 2022



Organized by

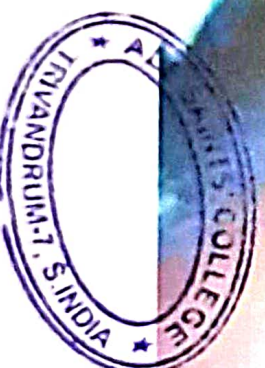
Department of Chemistry

All Saints' College

(Accredited by NAAC with A+ Grade)

Thiruvananthapuram-695007

Kerala, India



*Rubini*  
Principal  
All Saints' College  
Thiruvananthapuram-7



Sir / Madam,

All Saints' College, Thiruvananthapuram, the Department of Chemistry is organizing a one day "International Seminar on MATERIAL CHEMISTRY AND ITS APPLICATIONS (MCA-2022)" on 30th August 2022. We have great pleasure in inviting you to this seminar. Your sincere and active participation in the seminar is solicited to make this programme a success.

#### About the College

All Saints' College, Thiruvananthapuram, a "Congregation of the Carmelite Religious Sisters" institution, occupies a pride of place among the top academic colleges of India. This college was established in 1984 and provides holistic education to students, character formation, social concern and human development. This institution, with a golden history of 50 years, is a NAAC accredited institution. The mission of the college is to develop a centre of academic excellence which will provide both knowledge and skills to meet the challenges of today's fast changing scenario. All Saints' College is located in Thiruvananthapuram, the state capital of Kerala. The college is in close proximity to the railway station, bus stand and some of the important landmarks of the city such as Vettukadu Church, Sree Padmanabha Swamy Temple, Shanghumugham Beach and the International Airport.

#### About the Seminar

The one-day International Seminar will offer a platform for students, academicians, scientists and young researchers from various academic institutions and industry to come together to present their research work and exchange ideas and create an environment for collaborative endeavours in emerging areas.

#### Seminar Themes

- 3D printing
- Nanotechnology and Nanoscience
- Polymer Nanocomposite applications
- Ceramics

#### Convenor

Dr. Sindhu Yesodharan

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#### PROGRAM

10.00 am

: Prayer song  
: Welcome address

Dr. Sunita Kurur

10.15 am

: About the Seminar/Introduction  
(HOD) Dept. of Chemistry

Dr. Sindhu Yesodharan  
Convenor (MCA-2022)

10.20 am

: Presidential Address

Prof. Dr. Reshmi R. Prasad

10.30 am

: Inaugural & Keynote address

Dr. Arish Dasan

Alexander Dubček University of Trenčín Studentská 2, 911 50 Trenčín, Slovakia

10.40 am

: Vote of Thanks

Dr. Nimmy Mohan

Co-Convenor (MCA-2022)

10.45 a

: Tea Break

Plenary Session-I 11.00 am - 12.30 pm

Chair

: Dr. Siji V L

(Assistant professor)

"Importance and Scope of Materials Chemistry: Application towards Industry"

Dr. Arish Dasan

FunGlass - Centre for Functional and Surface Functionalized Glass,  
Alexander Dubček University of Trenčín, Slovakia

12.30 -1.30 pm

: Lunch Break

Plenary Session-II 01.30 pm - 3.00 pm

: Dr. Beena Kumar K S

(Assistant professor)

Bimetallic oxides for electrochemical supercapacitor electrode Applications"

Dr. A. Simi

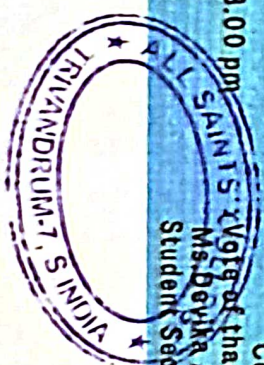
Assistant Professor, Department of Chemistry, St. Joseph's  
College, Tiruchirappalli, Tamil Nadu

3.00 pm

: Vote of thanks

Ms. Devika A R

Student Secretary




Principal  
All Saints' College  
Thiruvananthapuram-7



## INTERNATIONAL SEMINAR ON MATERIAL CHEMISTRY AND ITS APPLICATIONS (MCA-2022)

All Saints' College, Thiruvananthapuram, the Department of Chemistry organised a one day "International Seminar on MATERIAL CHEMISTRY AND ITS APPLICATIONS (MCA-2022)" on 30th August 2022. The seminar focussed on understanding the atomistic basis of materials synthesis, properties and the application of such information to improve materials performance. This seminar provides intellectual input for research activities on interdisciplinary areas of scientific research which require highly sophisticated scientific equipment. The 'INTERNATIONAL SEMINAR' was formally inaugurated by Dr. Arish Dasan Professor, Fun Glass-Alexander Dubcek, University of Trencin, Slovakia on 30-08-2023. The programme started at 10 am with the welcome address by Dr. Sunita Kurur (HOD) Department of Chemistry. Opening remarks and introduction of the programme was given by Dr. Sindhu Yesodharan and Dr. Nimmy Mohan, Assistant Professor of department of Chemistry. She highlighted the applications of nanomaterials in different areas and the requirement of large scale production of nanomaterials. Inaugural and Keynote address was given by Dr. Arish Dasan. Plenary session started Dr. Siji V L, Assistant Professor of department of Chemistry chaired the first technical session, where Dr. Arish Dasan delivered a talk on "Importance and Scope of Materials Chemistry: Application towards Industry". In the afternoon session Dr. A. Simi Assistant Professor, Department of Chemistry, St. Joseph's College, Tiruchirapalli, Tamil Nadu gave lecture on "Bimetallic oxides for electrochemical super capacitor electrode Applications". This session was chaired by Dr. Beena Kumari, Assistant Professor of department of Chemistry. The programme wrapped up around 4:30 pm. Ms. Devika A R, Student Secretary, delivered the vote of thanks.

  
**Principal**  
**All Saints' College**  
**Thiruvananthapuram-7**





*[Handwritten signature]*

Coordinator

*[Handwritten signature]*



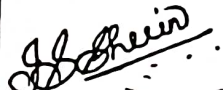
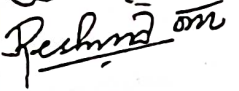






Principal  
 All Saints' College  
 Thiruvananthapuram-7

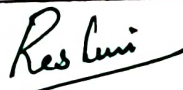




INTERNATIONAL SEMINAR ON MATERIAL CHEMISTRY  
AND ITS APPLICATIONS (MCA-2022)

Attendance Statement

Sl.No.	Name	Designation	Signature
1.	Dr. NISHA K. K.	Asst. Professor Dept. of Botany	
2.	Dhanya Jare	Asst. Professor Dept. of Physics	
3.	Dr. Dhanya Chandran		
4.	Dr. SHERIN. J.S	"	
5.	Dr. RESHMA. J. K.	Asst. Professor & HOD Dept. of Evs.	
6.	Dr. Nirmalya Mohan	Asst. Professor Dept. of Chemistry	
7.	DIVYA GRACE DILIP	Asst. Prof Dept. of Zoology	
8.	Dr. Anjana. G. S	Asst. Prof. Dept. of Physics	
9.	Dr. Veena Suresh Babu	Asst. Prof. Dept. of Physics	
10.	Dr. Sumita Kureer	Asst. Prof Dept. of Chemistry	
11.	Dr. Siji VL	Asst. Professor Dept. of Chemistry	

  
Principal  
All Saints' College  
Thiruvananthapuram.

**INTERNATIONAL SEMINAR ON MATERIAL CHEMISTRY**  
**AND ITS APPLICATIONS (MCA-2022)**

**Attendance Statement**

Sl.No.	Name	Designation	Signature
1.	Koordhi Korishna . U	DC & Chemistry	<u>Koordhi</u>
2.	Ashini . T. M	DC & Chemistry	<u>Ashini</u>
3.	Neethu . P. V	"	<u>Neethu</u>
4.	Aditya . A. J	"	<u>Aditya</u>
5.	Akhia I	DC & Chemistry	<u>Akhia</u>
6.	Devi . S.A	"	<u>Devi S.A</u>
7.	Kavya Murkan M.S	"	<u>Kavya Murkan</u>
8.	Amina . S. Muneer	"	<u>Amina</u>
9.	Ajna Sakeensha	"	<u>Ajna</u>
10.	S. B. Sandra Rani	"	<u>Sandra</u>
11.	Anna Elizabeth . S. S	DC & Chemistry	<u>Anna Elizabeth</u>
12.	Aswanya . S	"	<u>Aswanya</u>
13.	Ursula J. Anilkumar	"	<u>Ursula</u>
14.	Aiya . R. S	"	<u>Aiya</u>
15.	Shabana . H	"	<u>Shabana</u>

Reshmi  
Principal  
All Saints' College  
Thiruvananthapuram-7

INTERNATIONAL SEMINAR ON MATERIAL CHEMISTRY  
AND ITS APPLICATIONS (MCA-2022)

Attendance Statement

Sl.No.	Name	Designation	Signature
1)	A.A. Anushna	student	<u>Anushna</u>
2	Adhithya S.S	student	<u>Adhithya S.S</u>
3	Aparna Joseph	student	<u>Aparna Joseph</u>
4	ARDRA SUJITH	student	<u>Ardra</u>
5	Aswani S	student	<u>Aswani</u>
6	Binsina Sakeer	student	<u>Binsina</u>
7.	Fabiha H	student	<u>Fabiha</u>
8.	Fabiha Freedy.	student	<u>Fabiha</u>
9.	Gourikalyan M.S	student	<u>Gourikalyan</u>
10.	Hima R	Student	<u>Hima</u>
11.	Keerthi K. Nair	Student	<u>Keerthi</u>
12.	Reshma Rajan	Student	<u>Reshma</u>
13.	Rijo S. Edward.	Student	<u>Rijo</u>
14.	Sandra S. Rajen	student	<u>Sandra</u>
15.	Shalu S.	Student.	<u>Shalu</u>
16.	Shilpa George	Student	<u>Shilpa George</u>
17.	Snaha Shibu	Student	<u>Snaha Shibu</u>
18.	Sreedevi K. M	Student	<u>Sreedevi</u>
19.	Sreelekshmi P	student	<u>Sreelekshmi</u>

Reshma  
Principal  
All Saints' College  
Thiruvananthapuram.



# AND ITS APPLICATIONS (MCA-2022)

## Attendance Statement

Sl.No.	Name	Designation	Signature
20)	Viji Nichotious	student	Viji Nichotious
21)	Abhirami.P.V	student	Abhirami
22)	Alia AyooB.S	student	Alia
23)	Anugraha Alex	student	Anugraha
24)	Aparna.S.kumar	Student	Aparna
25.	Aarchitha . K.	Student.	Aarchitha
26	Aasha Vasula Pri	Student	Aasha
27.	Beema . S	Student	Beema
28.	Gopika . A.J	Student	Gopika
29.	Keerthana . P. Nair	Student	Keerthana
30.	Maneesha . S	Student	Maneesha
31.	Megha Nair P.S	Student	Megha
32.	Meghna . S	Student	Meghna
33.	Reshma M.R	Student	Reshma
34.	Shabana Nizam.	Student	Shabana Nizam
35.	Shalini . R.D	Student	Shalini
36.	Sreelakshmi . S	Student	Sreelakshmi
37.	Sumi Antony	Student	Sumi Antony

Reshma  
Principal  
All Saints' College  
Thiruvananthapuram-7



**INTERNATIONAL SEMINAR ON MATERIAL CHEMISTRY  
AND ITS APPLICATIONS (MCA-2022)**

**Attendance Statement**

Sl.No.	Name	Designation	Signature
38	Varsha B	Student	<u>Varsha</u>
39	Alpha Xavier	Student	<u>Alpha Xavier</u>
40	Alma S.R	Student	<u>Alma S.R.</u>
41	Gopi K. S	Student	<u>G.K.S.</u>
42	REFELAN	Student	<u>Refel</u>
43	Shwetha S soman	Student	<u>Shwetha S.</u>

Reshmi  
Principal

All Saints' College  
Thiruvananthapuram-7





## International Seminar

on

## Material Chemistry and its Applications (MCA-2022)

Department of Chemistry

All Saints' College, Thiruvananthapuram

Affiliated to University of Kerala, Re-accredited by NAAC with A+ grade

## Certificate

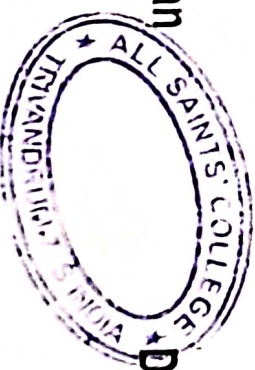
This is to certify that Shanya Jose, Asst Prof. in Physics has participated/  
~~presented a paper / delivered a Talk~~ in the "International Seminar on Material Chemistry and its  
Applications (MCA-2022)" organized by Department of Chemistry, All Saints' College,  
Thiruvananthapuram, on 30<sup>th</sup> August 2022

*Sunitha*

Dr. Sunitha Kurur  
HOD, Chemistry

*Sindhu*

Dr. Sindhu Yesodharan  
Convenor



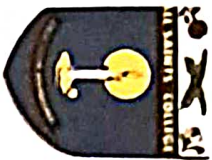
*Reshmi*

Dr. Reshmi R Prasad

Principal

All Saints' College  
Thiruvananthapuram





## International Seminar

on

## Material Chemistry and its Applications (MCA-2022)

Department of Chemistry

All Saints' College, Thiruvananthapuram

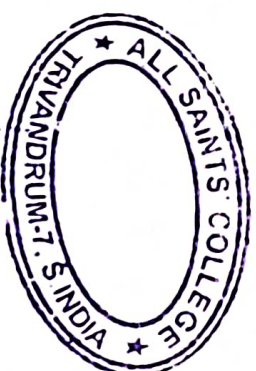
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## Certificate

This is to certify that Dr. A. Sivi, Asst. Professor, Dept of Chemistry, St. Josephs College has participated / presented a paper / delivered a Talk in the "International Seminar on Material Chemistry and its Applications (MCA-2022)" organized by Department of Chemistry, All Saints' College, Thiruvananthapuram, on 30<sup>th</sup> August 2022

  
Dr. Sunita Kurur  
HOD, Chemistry

  
Dr. Sindhu Yesodharan  
Convenor



  
Dr. Reshmi R Prasad  
Principal

Principal  
All Saints' College  
Thiruvananthapuram-7





# ALL SAINTS' COLLEGE

Re-accredited with 'A' - Grade by NAAC

Thiruvananthapuram - 695 007, Kerala - South India

Phone: 0471-2501153, 8281334337

E-mail: allsaintscollegeasc@gmail.com, www.allsaintscollege.com

## CERTIFICATE

This is to certify that Dr. A.Simi, Assistant Professor, Department of Chemistry, St. Joseph's College(Autonomous), Tiruchirappalli, Tamil Nadu, has delivered a lecture on **"BIMETALLIC OXIDES FOR ELECTROCHEMICAL SUPER CAPACITOR ELECTRODE APPLICATION"**, in the one day INTERNATIONAL SEMINAR ON MATERIAL CHEMISTRY AND ITS APPLICATIONS (MCA-2022) organised by Department of Chemistry, All Saints College, Thiruvananthapuram, on 30<sup>th</sup> August 2022.

30.08.2022



*Reshmi*  
PRINCIPAL

Principal  
All Saints' College  
Thiruvananthapuram-7



## International Seminar

on

## Material Chemistry and its Applications (MCA-2022)

Department of Chemistry

All Saints' College, Thiruvananthapuram

Affiliated to University of Kerala, Re-accredited by NAAC with A+ grade

### Certificate

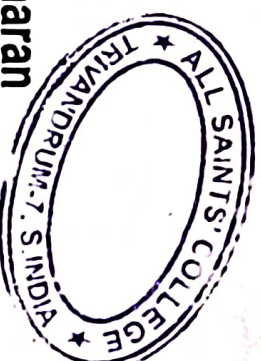
This is to certify that Dr. Beena Kumar K.S, Asst. Prof, All Saints' College has participated/  
~~presented a paper / delivered a Talk~~ in the "International Seminar on Material Chemistry and its  
Applications (MCA-2022)" organized by Department of Chemistry, All Saints' College,  
Thiruvananthapuram, on 30<sup>th</sup> August 2022

*Sunita*

Dr. Sunita Kurur  
HOD, Chemistry

*Sindhuv*

Dr. Sindhu Yesodharan  
Convenor



*Reshmi*

Dr. Reshmi R Prasad  
All Saints' College  
Thiruvananthapuram  
Principal