



SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY

(DEEMED TO BE UNIVERSITY)

Accredited "A++" Grade by NAAC | 12B Status by UGC | Approved by AICTE

www.sathyabama.ac.in

SCHOOL OF SCIENCE AND HUMANITIES

DEPARTMENT OF CHEMISTRY

1.3.3 – Value Added Courses

S. No.	Title	Dates	No. of Students Enrolled	No. of Students Completed
1	National Level Refresher Course on Selective Topics in Organic Chemistry	12-12-2022 to 28-12-2022	66	66
2	Workshop on Interpretation of Instrumental Methods	7-01-2023 to 10-01-2023	48	48

1. National Level Refresher Course on Selective Topics in Organic Chemistry



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Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai - 600 119, Tamil Nadu

Col. Dr. Jeppiaar Research Park
CENTRE FOR OCEAN RESEARCH

&

DEPARTMENT OF CHEMISTRY

Jointly organizes

REFRESHER COURSE ON SELECTIVE TOPICS IN ORGANIC CHEMISTRY PHASE - II

Date: 12th December to 28th December, 2022

Time: 5 PM to 7 PM (15 days @30 hrs programme)

PATRONS

Dr. Mariazeena Johnson, Chancellor
Dr. Marie Johnson, President
Mr. J. Arul Selvan, Vice President
Ms. Maria Bernadette Tamilarasi, Vice President
Ms. Maria Catherine Jayapriya, Vice President
Dr. T. Sasipraba, Vice Chancellor

Conveners

Dr. J. Baalamurugan
Scientist-B & Assistant Prof., Centre for Ocean Research
Dr. J. Karthikeyan
Professor & Head, Department of Chemistry

Organizing Secretary

Dr. B. Sheela Rani, Director (Research)

Programme Coordinators

Dr. Rekha Chakravarthi
Dean, Arts & Sciences
Dr. D. Inbakandan
Scientist-F/Professor & Head
Centre for Ocean Research

Co-Conveners

Dr. V. Ganesh Kumar
Scientist-E & Associate Professor
Centre for Ocean Research
Dr. Y. Sasikumar
Assistant Professor, Department of Chemistry

**Interested Faculties/Research scholars/Students
are requested to register & join the programme**

Registration Fee: Rs.500/-

Registration Link: <https://tinyurl.com/4usjyf2e>

Payment mode: (Online)

Payment to be made:

The Director Research

A/c. No: 6569293542

Indian Bank

Branch: Sathyabama University

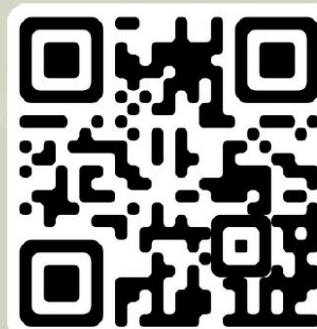
IFSC: IDIB000S201

Remarks: Your Name and OCRC-2022

Online



Platform



Last date for registration: 11.12.2022

Expert Members & Course Content



Dr. T. KRITHIGA
Assoc. Prof., Department of Chemistry
Sathyabama Inst. Of Sci.&Tech., Chennai
Topic: Organic Reaction Mechanism
Date: 12&13.12.2022



Ms. X. JANET SABINA
Asst. Prof., Department of Chemistry,
Stella Maris College, Chennai
Topic: Stereochemistry
Date: 14&15.12.2022



Dr. S. SUPRIYA
Assoc. Prof., Department of Chemistry
Sathyabama Inst. of Sci.&Tech., Chennai
Topic: Mossbauer Spectroscopy
Date: 16.12.2022



Dr. S. RAJALAKSHMI
Asst. Prof., Department. of Chemistry
Sathyabama Inst. of Sci.&Tech., Chennai
Topic: Heterocyclic compounds
Date: 17.12.2022



Dr. M. MUTHU TAMIZH
Asst., Research Officer, Dept. of Chemistry
Siddha Central Res. Inst., CCRS, Chennai
Topic: NMR spectroscopy
Date: 19.12.2022



Dr. V. KAVITHA
Professor, Department of Chemistry
Sathyabama Inst. of Sci.&Tech., Chennai
Topic: Stereochemistry of C-C & C=C
Date: 20&21.12.2022



Dr. M. KANNAN
Asst. Prof., Department of Chemistry
Ramakrishna Mission Vivekananda Coll.,
Topic: Pericyclic Reaction & Photochem.
Date: 22&23.12.2022



Dr. SAHELI KARMAKAR
Asst. Prof., Department. of Chemistry
Sathyabama Inst. of Sci.&Tech., Chennai
Topic: Organic Spectroscopy
Date: 24.12.2022



Dr. SARITA TRIPATHI
Asst. Prof., Department of Chemistry
Sathyabama Inst. of Sci.&Tech., Chennai
Topic: General Organic Chemistry
Date: 26.12.2022



Dr. K. CHENNAKESAVULU
Professor, Department of Chemistry
Sathyabama Inst. of Sci.&Tech., Chennai
Topic: Organic Structural Elucidation
Date: 27&28.12.2022



For further details please contact...

Dr. J. Baalamurugan
Scientist-B & Assistant Professor
Materials Chemistry Division
Centre for Ocean Research
Sathyabama Institute of Science and Technology
E-mail: bala.cor@sathyabama.ac.in
Mob: 9688360636

ORGANIC CHEMISTRY LECTURE SERIES

12th December to 28th December, 2022

About the program:

Department of Chemistry, Sathyabama Institute of Science and Technology, organized the “Organic Chemistry Lecture Series”.

Under this, we are inviting established and renowned professors from different university to talk about their work in the field of organic chemistry and allied subjects of organic chemistry. The topics covered in this programme are

- **Organic Reaction Mechanism**
- **Stereochemistry**
- **Mossbauer Spectroscopy**
- **Heterocyclic compounds**
- **NMR spectroscopy**
- **Stereochemistry of C-C & C=C**
- **Pericyclic Reaction & Photochem**
- **Organic Spectroscopy and structural elucidation**

This programme aimed to cater the need of CSIR/NET/SLET/GATE preparing faculties, Research Scholars and Post graduate students.

OUTCOMES

- **Understand molecular mechanism in organic chemistry, and also helps to interpret spectral profile of designed molecules.**
- **Examine the stereochemistry of organic molecules.**
- **Evaluate organic chemistry problems based on CSIR/NET/SLET/GATE question papers.**

Col. Dr. Jeppiaar Research Park

CENTRE FOR OCEAN RESEARCH

&

DEPARTMENT OF CHEMISTRY

Jointly organizes

**'Refresher Course on Selective Topics in Organic Chemistry
Phase - II**

Event Date: 12-28 December 2022, Time: 5.00 to 7.00 PM

LIST OF REGISTERED PARTICIPANTS

S. No	Ref. S.No	Name of the Participants	University/Institute	Payment reference number	Date
1.	2980	Ms. C. Ramapriya	Mother Teresa Women's University, Kodikanal, TN	233593128192	01-12-2022
2.	3000	Dr. A AFROOS BANU	Khadir Mohideen College, Adirampattinam	233786595613	03-12-2022
3.	3002	Dr. M.Anitha Malbi	Holycross College, Nagercoil	233737428945	03-12-2022
4.	3003	Mr.S.Rajamanickam	ICAR-CIBA, Chennai-28	233739362425	03-12-2022
5.	3004	Dr.Boopathi Kittusamy	PSG College Of Technology	233775008677	03-12-2022
6.	2996	Dr. R.THENMOZHI	Sakthi College Of Arts And Science For Women	233622874089	02-12-2022
7.	3018	Dr. Dileep R	Presidency University, Bangalore	FDRLH22339362022	05-12-2022
8.	3016	Dr. MADHUKAR HEMAMALINI	MOTHER TERESA WOMEN'S UNIVERSITY	233981791531	05-12-2022
9.	3017	Dr. Jaidev Kumar	Hariom Saraswati P. G. College, Dhanauri, Roorkee, Uttarakhand	233982061080	05-12-2022
10.	3019	Dr. Tusar Bajpai	Hariom Saraswati P.G.College, Dhanauri Roorkee,Uttarakhand	233909883479	05-12-2022
11.	3020	Kalyana Chakravarthy Mutnuru	Anil Neerukonda Institute Of Technology And Sciences	233912775838 IMPS00217954 462	05-12-2022
12.	3028	Gowtham R.C	Karunya University	233997602149	05-12-2022

13.	3031	J.Betsy Ratnabai	St.John's College, Palayamkottai	TMBLH22339 430551	05-12-2022
14.	3029	D. BHAKIARAJ	St. Joseph's College Of Arts And Science (Autonomous), Cuddalore-607001	234073762162	06-12-2022
15.	3030	N.VIJAYAKUMAR I	Government Arts College For Women, Salem-8	234000718937 UA0511897205 MOAHBQOIG 2	06-12-2022
16.	3032	D. Venkateshwarrao	Govt Degree College Hayathnagar	234078666380	06-12-2022
17.	3036	Dr.Loganathan Rangasamy	Vellore Institute Of Technology (VIT), Vellore	SBIN52234018 3668 IRV0698654	06-12-2022
18.	3037	S. David Amalraj	St. Joseph's College Of Arts And Science (Autonomous), Cuddalore-01	234089161391	06-12-2022
19.	3038	FAIRLIN JENITHA R	Ethiraj College For Women	234129955986	07-12-2022
20.	3041	G.SUMATHI	Raja Doraisingam Government Arts College, Sivaganga	234132113188	07-12-2022
21.	3044	Aparna V M	Mahatma Gandhi University	234124077603	07-12-2022
22.	3045	Dr.INDIRA R	SDNB Vaishnav College, Chromepet	234136584029	07-12-2022
23.	3047	Dr. Aravindhan S	Crescent University	234116828809	07-12-2022
24.	3048	Vidhya Lakshmi S	Thiru VI KA Govt Arts College	234158682392	07-12-2022
25.	3049	Rakshitha.K. Jain	Manipal Academy Of Higher Education	234134726828	07-12-2022
26.	3042	R.RADHIKA	PSGR Krishnammal College For Women	234113257254	07-12-2022
27.	3051	RISHI KANT	GNA University	234206932587	08-12-2022
28.	3053	E.THAMARAI SELVI	Anna Adarsh College For Women	234248667057	08-12-2022
29.	3054	A. Palanimurugan	RDGA College, Sivagangai	UA0512408300	08-12-2022
30.	3055	Dr.P.Andal	Vels Institute Of Science Technology And Advance Studies	234252449716	08-12-2022
31.	3060	A. Sumita	Anna Adarsh College For Women	234216594927	08-12-2022
32.	3059	N.S. SANGEETHA	Anna Adarsh College For Women	234264679055	08-12-2022
33.	3105	Akarsha Venkita Krishanan	Karunya Institute Of Technology And Sciences	235124911835 8281740204	08-12-2022

34.	3061	Dr.C.JEEVARATH INAM	Raak Arts And Science College Perambai, Pondicherry	234272274897	08-12-2022
35.	3062	B. Thendral Hepsibha	Ethiraj College For Women	IOBAN22342173522	08-12-2022
36.	3063	Jegathesh K	Bharathidasan University	234246809897	08-12-2022
37.	3064	Dr.A.GEETHA	Tagore Institute Of Engineering And Technology, SALEM	234379691561	09-12-2022
38.	3065	Kumaravyasa	Manipal Academy Of Higher Education MIT	234304120370	09-12-2022
39.	3066	Dr R.Mamani	Bon Secours College For Women, Thanjavur	234332016811	09-12-2022
40.	3073	M. RAJARAJAN	IFET COLLEGE OF ENGINEERING	234391251684	09-12-2022
41.	3074	Pavithra V R	Sri Ramakrishna Engineering College	234394479513	09-12-2022
42.	3071	Dr. Aashima Beri	GNA University, Phagwara	234315930798	09-12-2022
43.	3075	Ancilla Dsouza	Manipal Institute Of Technology	234301247238	09-12-2022
44.	3076	N.Revathi	Ramco Institute Of Technology	234395448384	09-12-2022
45.	3077	K. Vengadesan	Raak Arts And Science College, Villupuram	234395658575	09-12-2022
46.	3070	Dr.T.Sobana Premlatha	Anna Adarsh College For Women	234382886968	09-12-2022
47.	3081	Geetha Chandrasekran	Rajalakshmi Engineering College	234499194688	10-12-2022
48.	3082	T. R. Raghavarshini	Quannta School Of Software Engineering	014830294	10-12-2022
49.	3083	RANJIT KUMAR PUSE	Rabindranath Tagore University,Bhopal M.P	IRV1027115	10-12-2022
50.		Dr. N. Radha	Alagappa Government Arts College, Karaikudi-3., Affiliated To Alagappa University	UA0512872589	10-12-2022
51.	3084	PAVANKUMAR MURALAKAR	KARUNYA INSTITUTE OF TECHNOLOGY AND SCIENCES, COIMBATORE	234510831291 SBIN52234421 5350 7728560645	11-12-2022
52.	3085	MURUGESWARI A	Anna University	234536890401	11-12-2022
53.	3086	GOKUL SANKAR P	KARUNYA INSTITUTE OF TECHNOLOGY AND SCIENCES, COIMBATORE	234513310338	11-12-2022
54.	3087	MURUGAN MOORTHIRAMA N	IFET COLLEGE OF ENGINEERING	234655392766	12-12-2022

55.	3088	R J.Kavitha	Anna Adarsh College For Women	234662917926	12-12-2022
56.	3089	N.Nandhini	Institute Of Chemical Technology, Tharaimani, Chennai	234616803048	12-12-2022
57.	3092	Subhasri.A	Shree Raghavendra Arts And Science College	234786621817	13-12-2022
58.	3093	Dr.B.P.Nandeshwar Appa	Dos In Chemistry, Davangere University Shivagangotri	234719744323 T22121322352 46156012396	14-12-2022
59.	3101	N. MUJAFARKANI	Jamal Mohamed College, Tiruchirapalli	IOBAN223496 66986	15-12-2022
60.	3078	VENNILA T	Sairam Engineering College, Chennai	234395715882	09-12-2022
61.	3079	Dr.Naveen Singhal	DIT UNIVERSITY, DEHRADUN	234322938002 Remarks: Dr Naveen Singhal DIT UNIVERSITY DEHRADUN	09-12-2022
62.	3080	Dr.Shailey Singhal	University Of Petroleum And Energy Studies, DEHRADUN	234322942590 Remarks: Dr Shailey Singhal UPES DEHRADUN	09-12-2022

OCL SERIES – B.Sc., MSc., CHEMISTRY STUDENTS PARTICIPATION

S.No,	Reg.No	Name	University	Ref	Date
63.	41910001	Aarthi Infant Mary F	Sathyabama Institute of Science and Technology	-NA-	-NA-
64.	41910002	Aparajitha N C	Sathyabama Institute of Science and Technology	-NA-	-NA-
65.	41910003	Arul Blesson A	Sathyabama Institute of Science and Technology	-NA-	-NA-
66.	41910004	Ashwini R	Sathyabama Institute of Science and Technology	-NA-	-NA-
67.	41910005	Dhakshnamoorthy B	Sathyabama Institute of Science and Technology	-NA-	-NA-
68.	41910006	Durga Parameshwari S	Sathyabama Institute of Science and Technology	-NA-	-NA-
69.	41910007	Gayathri A	Sathyabama Institute of Science and Technology	-NA-	-NA-
70.	41910008	Gokulakannan B	Sathyabama Institute of Science and Technology	-NA-	-NA-

71.	41910009	Infant Vishwa M B	Sathyabama Institute of Science and Technology	-NA-	-NA-
72.	41910010	Iswarya S	Sathyabama Institute of Science and Technology	-NA-	-NA-
73.	41910011	Jayaprakash S	Sathyabama Institute of Science and Technology	-NA-	-NA-
74.	41910012	Logesh A	Sathyabama Institute of Science and Technology	-NA-	-NA-
75.	41910013	Monisha G	Sathyabama Institute of Science and Technology	-NA-	-NA-
76.	41910014	Mouli Raj S	Sathyabama Institute of Science and Technology	-NA-	-NA-
77.	41910015	Sandhiya V	Sathyabama Institute of Science and Technology	-NA-	-NA-
78.	41910016	Santhosh S	Sathyabama Institute of Science and Technology	-NA-	-NA-
79.	41910017	Santhosh Kumar N	Sathyabama Institute of Science and Technology	-NA-	-NA-
80.	41910018	Shiv Shankar S	Sathyabama Institute of Science and Technology	-NA-	-NA-
81.	41910019	Shiva A	Sathyabama Institute of Science and Technology	-NA-	-NA-
82.	41910020	Suchitra V	Sathyabama Institute of Science and Technology	-NA-	-NA-
83.	41910021	Thirumalai T	Sathyabama Institute of Science and Technology	-NA-	-NA-
84.	41910022	William Joseph M P	Sathyabama Institute of Science and Technology	-NA-	-NA-
85.	40030001	Akanksha Kumari	Sathyabama Institute of Science and Technology	-NA-	-NA-
86.	40030002	Anitha. C	Sathyabama Institute of Science and Technology	-NA-	-NA-
87.	40030003	Balasanthosh. K	Sathyabama Institute of Science and Technology	-NA-	-NA-
88.	40030004	Bharathi.G	Sathyabama Institute of Science and Technology	-NA-	-NA-
89.	40030005	Chandru. T	Sathyabama Institute of Science and Technology	-NA-	-NA-
90.	40030006	Dhivya. S	Sathyabama Institute of Science and Technology	-NA-	-NA-
91.	40030007	Elakkiya. A	Sathyabama Institute of Science and Technology	-NA-	-NA-
92.	40030008	Gangashree. V	Sathyabama Institute of Science and Technology	-NA-	-NA-
93.	40030009	Geetha. V	Sathyabama Institute of Science and Technology	-NA-	-NA-
94.	40030010	Gokulapriya. A	Sathyabama Institute of Science and Technology	-NA-	-NA-

95.	40030011	Grace Jeslin. J	Sathyabama Institute of Science and Technology	-NA-	-NA-
96.	40030012	Hemavarshini. G	Sathyabama Institute of Science and Technology	-NA-	-NA-
97.	40030013	Jayapriya. S	Sathyabama Institute of Science and Technology	-NA-	-NA-
98.	40030014	Kalaiyarasi. S	Sathyabama Institute of Science and Technology	-NA-	-NA-
99.	40030015	Karthik Raja. V	Sathyabama Institute of Science and Technology	-NA-	-NA-
100.	40030016	Karthik. D	Sathyabama Institute of Science and Technology	-NA-	-NA-
101.	40030017	Keerthipriya. K	Sathyabama Institute of Science and Technology	-NA-	-NA-
102.	40030018	Kesavan. N	Sathyabama Institute of Science and Technology	-NA-	-NA-
103.	40030019	Kowshick Raja. S	Sathyabama Institute of Science and Technology	-NA-	-NA-
104.	40030020	Mahalakshmi. D	Sathyabama Institute of Science and Technology	-NA-	-NA-
105.	40030021	Maragathambigai. P	Sathyabama Institute of Science and Technology	-NA-	-NA-
106.	40030022	Masthan Bee. S.A	Sathyabama Institute of Science and Technology	-NA-	-NA-
107.	40030023	Mouliswaran. A	Sathyabama Institute of Science and Technology	-NA-	-NA-
108.	40030024	Nithya. K	Sathyabama Institute of Science and Technology	-NA-	-NA-
109.	40030025	Pavithra. M	Sathyabama Institute of Science and Technology	-NA-	-NA-
110.	40030026	Praveena. A	Sathyabama Institute of Science and Technology	-NA-	-NA-
111.	40030028	Rubasri. S	Sathyabama Institute of Science and Technology	-NA-	-NA-
112.	40030029	Sam Paul. M	Sathyabama Institute of Science and Technology	-NA-	-NA-
113.	40030030	Samyuktha Pargavi. K	Sathyabama Institute of Science and Technology	-NA-	-NA-
114.	40030031	Santhiya. S	Sathyabama Institute of Science and Technology	-NA-	-NA-
115.	40030032	Sivadharani. R	Sathyabama Institute of Science and Technology	-NA-	-NA-
116.	40030033	Sivarajan. G	Sathyabama Institute of Science and Technology	-NA-	-NA-
117.	40030034	Sneha. M	Sathyabama Institute of Science and Technology	-NA-	-NA-
118.	40030035	Sridhanya. S	Sathyabama Institute of Science and Technology	-NA-	-NA-

119.	40030036	Sruthi Sherin. R	Sathyabama Institute of Science and Technology	-NA-	-NA-
120.	40030037	Subalakshmi. A	Sathyabama Institute of Science and Technology	-NA-	-NA-
121.	40030038	Suriya. T	Sathyabama Institute of Science and Technology	-NA-	-NA-
122.	40030039	Sushma Jaya Rahini. J	Sathyabama Institute of Science and Technology	-NA-	-NA-
123.	40030040	Swetha. R	Sathyabama Institute of Science and Technology	-NA-	-NA-
124.	40030041	Taranya. S	Sathyabama Institute of Science and Technology	-NA-	-NA-
125.	40030042	Vasanth Kumar. V.E	Sathyabama Institute of Science and Technology	-NA-	-NA-
126.	40030043	Yogalakshmi. S	Sathyabama Institute of Science and Technology	-NA-	-NA-
127.	40030044	Yogesh. V	Sathyabama Institute of Science and Technology	-NA-	-NA-
128.	40030045	Pudumai Anandhan.R	Sathyabama Institute of Science and Technology	-NA-	-NA-

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Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai - 600 119, Tamil Nadu

Certificate of Participation

This is to certify that **Ms.C.RAMAPRIYA** from **Mother Teresa Women's University, Kodaikanal, Tamil Nadu** has participated in the 15 days online programme entitled, **"REFRESHER COURSE ON SELECTIVE TOPICS IN ORGANIC CHEMISTRY – PHASE II"** Jointly Organized by Col. Dr. Jeppiaar Research Park, Centre for Ocean Research & Department of Chemistry, Sathyabama Institute of Science and Technology, Chennai, Tamil Nadu during 12th to 28th December, 2022.

Dr. J. BAALAMURUGAN
Centre for Ocean Research
Convener

Dr. J. KARTHIKEYAN
Head, Department of Chemistry
Convener

Dr. B. SHEELA RANI
Director (Research)

2. Workshop on Interpretation of Instrumental Methods (WIIM-2023)



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INSTITUTE OF SCIENCE AND TECHNOLOGY

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www.sathyabama.ac.in

Pleasantly invites you for the

WORKSHOP ON INTERPRETATION OF INSTRUMENTAL METHODS (WIIM-2023)

to be held from **02nd to 6th, January, 2023.**

Organized by

DEPARTMENT OF CHEMISTRY & INTERNATIONAL RESEARCH CENTRE
SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY (Deemed to be University)

in association with

CSIR-NATIONAL METALLURGICAL LABORATORY MADRAS CENTRE, CSIR Madras Complex, Taramani,
Chennai – 600 113.

The Workshop Covers the following Modules

Module 1: Introduction to Instrumental Methods
Module 2: Representation of Results
Module 3: Particle Characterization Techniques
Module 4: Microscopy and its applications
Module 5: Spectroscopy and its applications

The Workshop Covers following equipment's and live demo of each equipment

Spectroscopy	Microscopy	Particle characterization
➤ UV-Vis ➤ DRS ➤ FTIR ➤ FT-RAMAN ➤ Fluorescence	➤ Optical Microscopy ➤ FESEM ➤ HRTEM ➤ Atomic Force Microscopy	➤ BET Surface Area ➤ Particle Size ➤ Zeta Potential ➤ Contact Angle ➤ XRF ➤ XRD

Important Dates:

Last Date for Registration form submission:

Online Mode: **01st, December, 2022**

Work shop duration: **02nd to 6th, January, 2023**

Registration Fee:

Category	INR (Rs)	USD/EURO
Online Mode (Research Fellows, Faculty, Scientists)	4000	50
Online mode (UG & PG Students)	3000	40

Registration Form Link:

<https://forms.gle/adHbJc2fdTVkHym1A>

Mode of Payment:

Participants can make the above prescribed amount (Non - Refundable) through NEFT/IMPS/Other mode using the following bank account details:

Bank Name: Indian Bank,

Branch : Thousand Lights Branch, Chennai-600 006, India

Account Name: "Dean (Publications & Conferences) Sathyabama Institute of Science and Technology"

Account Number: **891734627**

IFSC Code: **IDIB000T020**

Branch Code: **098**

ABOUT SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY

Sathyabama Institute of Science and Technology is a pioneer in Engineering Education and was established with the aim of providing quality higher education in the areas of Engineering, Science and Technology on par with International standards. It persistently seeks and adopts innovative methods to improve the quality of higher education on a consistent basis. The University has been accredited by National Assessment and Accreditation Council (NAAC) and ISO 9001: 2008 Certification for Professional Quality Management Practices. Sathyabama Institute of Science and Technology aims to provide higher education with high quality teaching and research. The institution has attained greater heights under the guidance of Founder Chancellor **Col. Dr. JEPPIAAR**, M.A., B.L., Ph.D., and dynamic leadership of Chancellor **Dr. Mariazeena Johnson**, President **Dr. Marie Johnson** well supported by the Vice Presidents **Mr. J. Arul Selvan**, **Ms. Maria Bernadette Tamilarasi Johnson**, **Ms. Maria Catherine Jayapriya** and Vice Chancellor, **Dr. T. Sasipraba**. The institution offers 51 Undergraduate

programmes, 29 Postgraduate programmes and Ph.D., Programmes in various disciplines. State of the art Library, International Research Centre, Centre for Advanced Studies and an exclusive Research & Development Centre provide rich experience of learning and thereby fulfilling students' thirst for success. The University has undertaken various Sponsored and Collaborative Research and Development projects funded by national organizations such as Indian Space Research Organization (ISRO), Department of Science and Technology (DST), Indira Gandhi Centre for Atomic Research (IGCAR), Defence Research and Development Organization (DRDO), Department of Bio-Technology (DBT), Ministry of Environment and Forests (MoEF), Board of Research in Nuclear Sciences (BRNS) etc., The University holds great promise to expand the applications of space technology, benefiting the common man and enriching the quality of life. A step towards achieving this, the University is successfully conducting non formal education programmes through 18 Village Resources Centre (VRCs) all over the state of Tamil Nadu. The research activity is progressive and proactive with 265 funded projects worth of around Rs.63.5 Crores, which has been sanctioned by various national organizations.

ABOUT CSIR-NATIONAL METALLURGICAL LABORATORY

The National Metallurgical Laboratory, the third in the **Council of Scientific & Industrial Research (CSIR)** family of 38 laboratories. The foundation stone of NML was laid on 21.11.1946 by the first and only Governor General of independent India, Shri Rajagopalachari. The laboratory was formally inaugurated and dedicated to the nation on the 26th of November, 1950 by Pandit Jawaharlal Nehru " in a spirit of hope and faith in the future". The laboratory formed part of the great plan, which Sir Shanti Swarup Bhatnagar visualised in 1940, for providing India with a network of research institutes capable of taking the country forward in the Science & Technology. The establishment of the laboratory was generously supported, in cash and kind, by Tata Industries Ltd., Sir Ratan Tata Trust and Sardar Bahadur Sir Indra Singh of Indian Steel and Wire Products (ISWP) Company. Dr. Balraj Nijhawan, the first Indian Director of the laboratory, set the pace for the rapid growth of the laboratory through the establishment of a number of pilot plants and facilities and initiating research programmes which were in line with the Five Year Plans of the young Republic of India. NML has one Centre at Chennai.

ORGANIZING SECRETARY

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- **Dr. G. Bhaskar Raju**, Retd. Scientist CSIR-NML MC
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Registration Form Link:

<https://forms.gle/adHbJc2fdTVkHym1A>



WORKSHOP ON INTERPRETATION OF INSTRUMENTAL METHODS (WIIM-2023)



02nd, January to 06th January, 2023

organized by

Department of Chemistry & International Research Centre, Sathyabama
Institute of Science and Technology (Deemed to be University)
in association with
CSIR-National Metallurgical Laboratory Madras Centre,
CSIR Madras Complex, Taramani, Chennai – 600 113.

The workshop covered UV, TGA, BET Surface area, Particle Size Distribution, Zeta potential Measurements, Contact Angle Measurements, Surface energy Measurement, and Electron Microscopy.

Course outcome:

On successful completion of the course the student will be able to

- Understand the basics of instrumentation.
- Interpret the structure from the NMR data.
- Predict the porosity of the solid samples.

IMPORTANT INSTRUCTIONS TO THE PARTICIPANTS

1. The session wise zoom link will be provided to the participants.
2. The state wise list of confirmed participants was given below for your reference
3. If any discrepancies and clarifications, please contact conveners over Phone/E-mail.



SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY

(DEEMED TO BE UNIVERSITY)

Accredited "A" Grade by NAAC | 12B Status by UGC | Approved by AICTE

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LIST OF CONFIRMED PARTICIPANTS FOR WIIM – 2023

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The WIIM-2023 Workshop brought together scientists, faculty, and researchers from various institutions to improve the quality of higher education in manuscript preparation, submission, and interpretation of results. The workshop covered UV, TGA, BET Surface area, Particle Size Distribution, Zeta potential Measurements, Contact Angle Measurements, Surface energy Measurement, and Electron Microscopy. With 100 participants, the workshop aimed to enhance attendees' skills in analyzing scientific results and producing higher quality manuscripts. It took place from January 7th to 10th, 2023.



Dr. K. Chennakesavulu, Dr. G. Ramanjaneya Reddy, and Dr. Subhamjith Hazra gave a live demonstration of fluorescence spectroscopy during the Workshop on Interpretation of Instrumental Methods (WIIM) in 2023.

WORKSHOP ON INTERPRETATION OF INSTRUMENTAL METHODS

(WIIM-2023)

(Atomic Force Microscopy, BET Surface Area, Contact Angle, Fluorescence Spectroscopy, FTRAMAN, FTIR Spectra, FESEM, HRTEM, Optical Microscopy, Particle Size Distribution, UV Visible/DRS Spectroscopy, XRD, XRF and Zeta potential)

held on 02nd to 6th January 2023

organized by

Department of Chemistry & International Research Centre

SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY

(Deemed to be University)

Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai - 600 119

In association with



CSIR-NATIONAL METALLURGICAL LABORATORY

MADRAS CENTRE

CSIR Madras Complex, Taramani, Chennai - 600 113



Certificate of Participation

This is to certify that

CASSANDRA AUSTEN I

Research Scholar

Department of Chemistry

Sathyabama Institute of Science and Technology, Chennai

Tamil Nadu

has participated in "WORKSHOP ON INTERPRETATION OF INSTRUMENTAL METHODS (WIIM-2023) organized by Department of Chemistry & International Research Centre, Sathyabama Institute of Science and Technology (Deemed to be University) in association with CSIR-National Metallurgical Laboratory, CSIR-Madras complex, during 02nd to 06th, January 2023.

Dr. T. V. VIJAYA KUMAR

Organizing Secretary WIIM-2023
Scientist in charge, CSIR-NML MC

Dr. K. CHENNAKESAVULU

Convener, WIIM-2023, SIST

Dr. T. SASIPRABA

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Vice Chancellor, SIST

Mrs. N. VASUMATHI

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