



**Dr. M. SUNDRARAJAN**  
**Associate Professor & Head i/c**

### Contact

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### Academic Qualifications

Degree	Institution	Branch	Year	Class
Ph. D	Alagappa University, Karaikudi	Industrial Chemistry	1998- 2002	Awarded
M.Sc	Alagappa University, Karaikudi	Industrial Chemistry	1994- 1996	First Class
B. Sc	R.D. Govt.Arts College, Sivaganga	Chemistry	1991- 1994	First Class

## Teaching Experience

Total Teaching Experience : **18 Years**

Position	Institution	Duration
Associate Professor and Head i/c	Department of Industrial Chemistry, Alagappa University, Karaikudi	14.06.2023-Till date
Associate Professor	Department of Industrial Chemistry, Alagappa University, Karaikudi	23.01.2020-13.06.2023
Assistant Professor	Department of Industrial Chemistry, Alagappa University, Karaikudi	23.01.2008-22.01.2020
Assistant Professor	M.R.Government College, Mannarkudi (Training in M K University, Madurai)	26.12.2007-22.01.2008
Assistant Professor	E.G.S. Pillai Engineering College, Nagapattinam	18.06.2005-22.12.2007

## Research Experience

Total Research Experience: **19.5 Years**

Position	Institution / University	Duration
Associate Professor and Head i/c	Department of Industrial Chemistry, Alagappa University, Karaikudi	14.06.2023 - Till date
Associate Professor	Department of Industrial Chemistry, Alagappa University, Karaikudi	23.01.2020 - 13.06.2023
Assistant Professor	Department of Industrial Chemistry, Alagappa University, Karaikudi	23.01.2008 - 22.01.2020
Assistant Professor	EGS pillai Engineering College, Nagapattinam	18.06.2005- 22.12.2007
Research Associate	Anna University, CES, Chennai	28.01.2004- 03.06.2005
Technical Assistant	Department of Industrial Chemistry, Alagappa University, Karaikudi	01.08.1999- 29.11.2000

## Academic and Additional Responsibilities

S.No	Position	University Bodies	Period	
			From	To
1.	Chairman of the valuation board	Dept. of Industrial Chemistry, Alagappa University	2022	-
2.	Head In charge	Dept. of Industrial Chemistry, Alagappa University	2020	2020
3.	Members of Inspection Commission	Syed Ammal Arts and Science College, Ramanathapuram	2018	2019
4.	Member of Inspection Squad	Affiliated College Examination, Alagappa University	2015	2022
5.	Wet Lab In charge	Dept. of Industrial Chemistry, Alagappa University	2008	2022
6.	Treasurer of Alumni	Dept. of Industrial Chemistry, Alagappa University	2018	Till date
7.	Cultural Club Coordinator	Dept. of Industrial Chemistry, Alagappa University	2015	2016
8.	Joint Secretary	ALUFA, Alagappa University	2014	2016
9.	Research Colloquium Incharge	Dept. of Industrial Chemistry, Alagappa University	2013	2014
10.	Library & Net Lab In charge	Dept. of Industrial Chemistry, Alagappa University	2008	2011
11.	Deputy warden	PG Men's Hostel, Alagappa University	2009	2010
12.	University Representative	Director of Distance Education Examination, Alagappa University	2008	Till date
13.	Anti- Ragging Contact Person	Dept. of Industrial Chemistry, Alagappa University	2008	Till date
14.	First year practical In-charge	Dept. of Industrial Chemistry, Alagappa University	2008	Till date

## Areas of Research

- Green and Textile Chemistry
- Synthesis and Preparation of Nanomaterials
- Biomedical Applications
- Energy Applications

## Patents

- **Granted: Korean Patent**

Inventors: Hong Sun Lg, J. Suresh, R. Yuvakumar, J. Nathanael, **M. Sundrarajan**

Patent Number: 10-1617994

Publication Date: 27/04/2016

- **Published: Indian Patent**

Inventors: **M. Sundrarajan**, Hong Sun Lg, J. Suresh, R. Yuvakumar, R. Rajiv Gandhi

Application Number: 3557/CHE/2014

Publication Date: 01/07/2016.

## Research Supervision/Guidance

Program of Study		Completed	Ongoing
Research	Ph.D	16	03
	M.Phil	23	-
Project	PG	73	06
	UG/ others	06	-

## Publications

International		National		Others
Journals	Conferences	Journals	Conferences	Books/Chapters/Monographs/Manuals
103	80	-	102	05

**Cumulative Impact Factor(as per JCR) : 496.6**

**h-index : 40**

**i10 index : 73**

**Total Citations : 5304**

## Funded Research Projects

### Ongoing Projects:

S.No	Agency	Period		Project Title	Budget (Rs.In lakhs)
		From	To		
1	RUSA - II	2023	2024	Green Routed preparation of Nanomaterials for Energy and biological applications	4.0

### Completed Projects: 4

S.No	Agency	Period		Project Title	Budget (Rs.In lakhs)
		From	To		
1.	RUSA -I	2021-2022		Green Routed preparation of Nanomaterials for Energy and biological applications	3.35
2.	UGC	2010-2013		Effective minimization of Pollution load in reactive dye bath using eco-friendly salt and ozonation	4.33
3.	DST	2010-2013		Source reduction of pollutants from textile effluent by Greener route	19.33
4.	AURF	2010-2011		Studies on the effect of eco-friendly materials in textile	0.64
5.	AURF	2010-2011		Physico-chemical studies on borewells water in Tirupur District	0.20

## Distinctive Achievements / Awards

S.No.	Name of the conference and year	Achievements/Awards
1.	R. Gowri and M. Sundrarajan won in the International Conference on Advances in Chemistry (ICAC-2023) organized by the PG & Research department of Chemistry, The American College, Madurai held on 4 &5 December 2023	Best Poster Presentation award
2.	C. Dhillip kumar, Aswin Sriram and M. Sundrarajan in International conference on Materials Science for Sustainable environment (ICMSSE - 2022), Department of Chemistry, Holy Cross College, Tiruchirappalli	Best Paper Award
3.	International Research Award on New Science- 2021	Best Researcher Award from Science father
4.	Quality Enhancement in Teaching and Research Award for RUSA 2.0 (2020) from Alagappa University- Karaikudi	Teaching and Research Award for RUSA 2.0
5.	Vallal Alagappan Research Recognition Award (2020) from Alagappa University- Karaikudi	Research Recognition Award
6.	NAAC A+ Grade (2018) from Alagappa University- Karaikudi	Appreciation Award
7.	Appreciation Award for Patent published (2018) from Alagappa University- Karaikudi	Appreciation Award
8.	Best Citizens of India Award (2017) from Best Citizens of India- New Delhi	Best Citizens of India Award
9.	Bharat Gaurav Award (2017) from India International Friendship Society- New Delhi	Bharat Gaurav Award
10.	Chinese Society of Metals for article entitled "Ionic Liquids Assisted Synthesis of ZnO Nanostructures: Controlled Size, Morphology and Antibacterial Properties", Journal of Materials Science and Technology. (2016)	Best Article Award
11.	AURF, Alagappa University, Karaikudi. (2016)	Alagappa Excellence Research Award
12.	National conference on Biomaterials in Medicinal Chemistry (2015), Madurai Kamaraj University, Madurai	Best Paper Award
13.	New opportunities and challenges in chemical research (NOCCR – 2014), A.V.V.M. Sri Pushpam College, Poondi, Thanjavur District	Best Paper Award
14.	DST – FAST Track in the year 2009	Young Scientist Award

## Invited Lectures and Chairmanships

S.No.	Name/ place of invited lectures and chairmanships	Year
1.	<b>Nomination of selection committee member</b> for engagement of project personnel at CSIR-CECRI, Karaikudi-630 003, Tamil Nadu, India	6 <sup>th</sup> March 2023
2.	<b>Nomination of selection committee member</b> for engagement of project personnel at CSIR-CECRI, Karaikudi-630003, Tamil Nadu, India	18 <sup>th</sup> -20 <sup>th</sup> October 2022
3.	<b>Nomination of selection committee member</b> for engagement of project personnel at CSIR-CECRI, Karaikudi-630003, Tamil Nadu, India	7 <sup>th</sup> June 2022
4.	<b>Chairperson</b> of a Technical Session in the international conference on Nanomedicine organized by the School of Chemistry & Biotechnology, MaduraiKamaraj University, Madurai	25-26 <sup>th</sup> February 2019
5.	<b>Chairperson</b> of a Technical Session for Chemistry inthe International conference on Humanities, Arts and Science organized by University of Putra Malaysia (UPM), Malaysia	23 – 28 <sup>th</sup> August 2018
6.	<b>Chairperson</b> of a Technical Session in the international conference on Frontier areas of Nanomaterials” organized by the Department of Chemistry, Shri Sakthi Kailassh Women’s College, Salem	14 <sup>th</sup> July 2017
7.	<b>Chairperson</b> of a Technical Session in the International conference on Frontier areas in chemicaltechnology organized by Department of Industrial Chemistry, Alagappa University, Karaikudi	6 – 8 <sup>th</sup> July 2017

8.	<p><b>Chairperson</b> of a Technical Session in the International conference on Renewable Energy Science and Technology (ICREST – 2017) organized by Department of Energy Science, Alagappa University, Karaikudi</p>	10 – 11 <sup>th</sup> March 2017
9.	<p><b>Special lecture</b> delivered entitled on “<b>Synthesis of nanomaterials by greener approach and their biological application</b>” in the international conference on Frontier areas of Nanomaterials” organized by the Department of Chemistry, Shri Sakthi Kailassh Women’s College, Salem</p>	14 <sup>th</sup> July 2017
10.	<p><b>Special lecture</b> delivered entitled on “<b>Details of Patent filing</b>” in the Science campus, Alagappa University, Karaikudi</p>	13 <sup>th</sup> February 2017
11.	<p><b>Co-Chairperson</b> of a Technical Session in the International conference on Frontier areas in chemical technology organized by Department of Industrial Chemistry, Alagappa University, Karaikudi</p>	21 –23 <sup>rd</sup> March 2016
12.	<p><b>Chairperson</b> of a Technical Session in the International conference on Frontier areas in chemical technology organized by Department of Industrial Chemistry, Alagappa University, Karaikudi</p>	22 – 24 <sup>th</sup> March 2016
13.	<p><b>Special lecture</b> delivered entitled on “<b>Adverse effect of textile dye effluents in environment and treatment methods – An overview</b>” in the National seminar on Textile dye Effluents and its health impacts – A Biomedical Approach” organized by the Department of Microbiology, K.S.Rangasamy College of Arts &amp; Science, Tiruchengode</p>	16 <sup>th</sup> February 2012



## Orientation/Refresher / Training Course Attended

Name of the Course/ Summer School	Place	Duration	Sponsoring Agency
Refresher Course	Coimbatore	12.12.2020 - 23.12.2020	UGC-HRDC- Bharathiar University, Coimbatore
Refresher Course	Tiruchirappalli	25.11.2020 - 08.12.2020	UGC-HRDC- Bharathidasan University, Tiruchirappalli
Faculty Development Program	Anthra Pradesh	02.11.2020 - 07.11.2020	Koneru Lakshmaiah Education Foundation, Anthra Pradesh
Short Term Course	Coimbatore	04.12.2019 - 10.12.2019	UGC-HRDC – Bharathiar University, Coimbatore
Faculty Development Program	Karaikudi	06.01.2017 - 12.01.2017	Internal Quality Assurance Cell, Alagappa University, Karaikudi
Refresher Course	Madurai	23.12.2014 – 12.01.2015	UGC-Academic Staff College, Madurai
Refresher Course	Madurai	12.07.2012 – 01.08.2012	UGC-Academic Staff College, Madurai
Orientation Course	Pondicherry	19.08.2010 -15.09.2010	UGC-Academic Staff College, Pondicherry

## Events organized in leading roles

Number of Seminars / Conferences / Workshops / Events organized: 13

S.No.	Position	Seminars / Conferences / Workshops	Date/Month/Year
1	<b>Organizing Secretary</b>	Organizer to conduct the Alagappa University Celebrates Themed Nobel Excellence Talks 2023 (ACT NExT-2023), Department of Industrial Chemistry, Alagappa University, Karaikudi	29 <sup>th</sup> February 2024
2	<b>Organizing Secretary</b>	Organizer to Conduct the MHRD-UGC Initiative Swatchhta Pakhwada 2020, water conservation competition, Alagappa University, Karaikudi	16 <sup>th</sup> January- 31 <sup>st</sup> January 2020
3	<b>Organizing Secretary</b>	Organizer to conduct the Alagappa University Celebrates Themed Nobel Excellence Talks 2018 (ACT NExT-2018), Department of Industrial Chemistry, Alagappa University, Karaikudi	12 <sup>th</sup> March 2019
4	<b>Organizing Secretary</b>	Organizer to conduct World water day-2018 organized by the department of Industrial chemistry, Alagappa University, Karaikudi	22 <sup>nd</sup> March 2018
5	<b>Organizing Secretary</b>	National conference on Frontier areas in chemical technology organized by Department of Industrial Chemistry, Alagappa University, Karaikudi	22 <sup>nd</sup> – 23 <sup>rd</sup> March 2018
6	<b>Organizing Committee Member</b>	International conference on Frontier areas in chemical technology organized by Department of Industrial Chemistry, Alagappa University, Karaikudi	22 <sup>nd</sup> – 24 <sup>th</sup> March 2017
7	<b>Organizing Committee Member</b>	International conference on Frontier areas in chemical technology organized by Department of Industrial Chemistry, Alagappa University, Karaikudi	22 <sup>nd</sup> – 24 <sup>th</sup> March 2016
8	<b>Organizing Committee Member</b>	National Seminar on Recent Advances in Textile and Electrochemical Science (RATES 2012); Department of Industrial Chemistry, Alagappa University, Karaikudi	22 <sup>nd</sup> -23 <sup>rd</sup> March 2012

9	<b>Organizing Secretary</b>	UGC Sponsored Workshop on “Chemistry – Our Environment, Our Life and Our Future” Department of Industrial Chemistry, Alagappa University, Karaikudi	22 <sup>nd</sup> -23 <sup>rd</sup> December 2011
10	<b>Convener</b>	National Conference on Recent Trends in Green Synthesis (RTGS-2011); Department of Industrial Chemistry, Alagappa University, Karaikudi	5 <sup>th</sup> -6 <sup>th</sup> August 2011
11	<b>Co-convener</b>	National Seminar on Recent Advances in Textile and Electrochemical Science (RATES 2008); Department of Industrial Chemistry, Alagappa University, Karaikudi	19 <sup>th</sup> -20 <sup>th</sup> December 2008
12	<b>Organizer</b>	Department Coordinator for Village Placement Programme (VPP), organized for M.Sc chemistry Second year students, <b>Thiruvellankudi</b>	<b>2017</b>
13	<b>Organizer</b>	Department Coordinator for Village Placement Programme (VPP), VPP organized for M.Sc chemistry Second year students, <b>Mathur</b>	<b>2010</b>

### Overseas Exposure/Visits

- Chairperson of a Technical Session for Chemistry in the International conference on Humanities, Arts and Science organized by University of Putra Malaysia (UPM), Malaysia on 23 – 28th August 2018.

### Membership

#### Professional Bodies

1. Life Member: The Science Congress Association, Kolkata from 2009 to till date

#### Advisory Board

Year/Period	Name of the BoS/Administrative Committee / Academic Committee	Role
2022-23 to 2024-25	Board of studies: Alagappa university (Curriculum design and development cell)	Member
2022-23	Board of studies-DDE: Alagappa university	Member
2019	Board of studies: Alagappa university	Member

2019	Board of studies-DDE	Member
2018	Board of studies in chemistry: Alagappa University	Special Invitee

### Academic Bodies in Other Institutes/Universities

Year/Period	Name of the BoS/Administrative Committee /Academic Committee	Role
2024	Board of studies: Arul Anandar college (Autonomous), Madurai Kamaraj University, Madurai.	Member
2023	Board of studies: Periyar University affiliated colleges (UG chemistry board)	Member
2021-2022	Board of studies: Arul Anandar College (Autonomous), Madurai Kamaraj University, Madurai.	Member
2018-2019	Board of studies: J.J. college of arts and science (Autonomous), Bharathidasan University, Trichy	Member
2018	Board of question setter: Periyar University, Salem	Member

### Ph.D. Thesis Guided

1. No. of Ph. D Thesis evaluated : 16

S.No	Name of the Scholar	Title of the Thesis	Year of Completion
1	<b>S. Selvam</b> - Full Time Reg No.: 1720 Date: 28.7.2008 Present Position: Post-doctoral Fellow (Pusan national University, South Korea)	Synthesis, characterization and applications of novel cellulosic polymercomposites using eco-friendly materials	3.5.2013
2	<b>A. Rukmani</b> – Full Improvement Program Reg No.: 0001 Date: 19.06.2009 Present Position: Associate professor (Seethalakshmi Achi College for women Pallathur)	Studies on eco-friendly modification of natural cellulosic fabric for improved antibacterial activity	.6.2013
3	<b>J. Suresh</b> - Full Time Reg No.: 0064 Date: 08.09.2009 Present Position: Assistant Professor (Sri Ramakrishna Engg. College, Coimbatore)	Synthesis, characterization and application of metal oxide nanoparticles via greener route	5.9.2013

4	<p><b>R. Rajiv Gandhi</b> - Full Time Reg No.: 0135 Date: 10.12.2009 Present Position: Entrepreneur (Alagappa University Distance Education Study Centre, Dr. Kalam Institute of Health Science Dr. Kalam NEET Coaching Centre Sri Rithushna veni Educational Trust, Madapattu, Ulundurpettai Taluk, kallakurichi District)</p>	Green synthesis and characterization of metal oxide nanoparticles using ionic liquids and biomaterials	23.8.2013
5	<p><b>M. Ramalakshmi</b> - Full Time Reg No.: 0158 Date: 20.02.2010 Present Position: Lecturer, (Department of Applied Sciences and Pharmacy, University of Technology and Applied Sciences, Al Khuwair, Muscat - 440133)</p>	Green synthesis of magnetic nanoparticles using ionic liquids and their characterization	31.10.2013
6	<p><b>S. Gowri</b> - Full Time, Reg No.: 0119, Date: 20.11.2009 Present Position: Guest Faculty (Department of Chemistry School of Basic and Applied Sciences Central University of Tamil Nadu Thiruvarur)</p>	Eco-friendly synthesis of metal oxide nanoparticles using plant extracts and their application	3.2.2014
7	<p><b>S.K. Kannan</b> - Part Time, Reg No.: 0290, Date: 20.12.2010 Present Position: Teacher (Govt Higher secondary school Ulloorpatti - Malli Virudhunagar dist. 626141)</p>	Facile synthesis of metal oxide nanoparticles and its biological application: A greener approach	04.07.2016
8	<p><b>K. Ramanujam</b> - Full Time, Reg No.: 0560, Date: 07.12.12 Present Position: PG Teacher, (Government Hr. Sec. School, Manjoor).</p>	Eco-friendly modification of cellulosic material with metal oxide nanoparticles and natural extracts for enhanced antimicrobial activity	04.04.2016
9	<p><b>S. Jegatheeswaran</b> - Full Time, Reg No.: 0567, Date: 07.12.12 Present Position: Managing Director, (BioMe Live Analytical Center, Karaikudi)</p>	Ionic liquid assisted synthesis of fluor hydroxyapatite nano-bioceramics to improve their morphology and biological applications: A greener strategy	15.02.2017

10	<b>S. Ambika</b> - Full Time, Reg No.: 0625, Date: 09.01.2013 Present Position: -	Green synthesis, characterization and application of metal oxide nanoparticles using plant extract in presence of ionic liquid	29.05.2017
11	<b>K. Bama</b> - Full Time, Reg No.: 865, Date: 03.03.2014 Present Position: Guest Lecturer (Alagappa Arts and Science college, Karaikudi)	Ionic liquid assisted synthesis and characterizations of metal/metal oxide nanoparticles supported on bentonite clay for investigation of biological activities	22.02.2018
12	<b>M. Balaji</b> - Full Time, Reg No.: 1002, Date: 09.09.2014 Present Position: Post-doctoral fellow (Zhejiang Sci-Tech University, China)	Synthesis and characterization of functionalized carbon allotrope based nanocomposites for biomedical and catalytic applications	12.09.2019
13	<b>P. Nithya</b> - Full Time, Reg No.: 1564, Date: 03.12.16 Present Position: Assistant Professor (Idhaya College for Women, Sarugani)	Morphologically improved bimetal doped metal oxide using ionic liquid for biological applications: A greener approach	22.04.2021
14	<b>V. Muthulakshmi</b> - Full Time, Reg No.: 1781, Date: 22.12.17 Present Position: Assistant Professor (Mount Zion College of Engineering and Technology, Pudukkottai)	Investigations on the rare earth metal oxides nanoparticles and its application: A greener approach	17.02.2022
15	<b>A. Surya</b> - Part Time, Reg No.: 1431, Date: 23.07.2016 Present Position: Head master (Government Higher Secondary School, Mangalakudi, Ramanathapuram, 623 308, Tamil Nadu, India)	Ionic Liquid Assisted Synthesis of Metal Oxide Nanoparticles By Polyol Process For Biological Applications	20.10.2022
16	<b>A. Mayakrishnan</b> - Full Time, Reg No.: 2171, Date: 17.05.2019 Present Position: Post-doctoral fellow (Zhejiang Sci-Tech University, China)	Fabrication and Characterization of biopolymer-based hybrid nanofibers reinforced with noble metal nanoparticles for biomedical applications	23.01.2024

## List of Research Articles / Recent Publications

S.No.	Author, Journals and year	Impact Factor
1	Mayakrishnan, M. Balaj, C. Dhilip kumar, C. Yurong, P. Sivakumar, P. Balasekar, R. Gowri, C. Krithigapriya, <b>M. Sundrarajan</b> (2024), Multifunctional silk fibroin and cellulose acetate composite nanofibers incorporated with palladium and platinum nanoparticles for enhanced wound healing: Comprehensive characterization and in vivo assessment, Colloids and Surfaces A: Physicochemical and Engineering Aspects	5.2
2	Dhilip kumar, M. Balaji, A. Mayakrishnan, C. Krithigapriya, G. Selvanathan, C. Yurong and <b>M. Sundrarajan</b> (2023), Fabrication of 2D-Borophene nanosheets anchored S, N-mesoporous carbon nanocomposite (SNC-Bp//SNC-Bp) symmetric device for high-performance supercapacitor application, Journal of energy storage. Vol. 74 109328	9.4
3	Mayakrishnan, M. Balaj, P. Balasekar, P. Sivakumar, C. Dhilip kumar, C. Krithigapriya, C. Yurong, <b>M. Sundrarajan</b> (2023), Silk fibroin and gelatin composite nanofiber combined with silver and gold nanoparticles for wound healing accelerated by reducing the inflammatory response, Process Biochemistry, Vol. 134 1-16	4.4
4	Surya, C. Dhilip kumar A. Mayakrishnan, <b>M. Sundrarajan</b> (2023), Study on the therapeutic activity of [BMIM]-PF <sub>6</sub> -IL assisted Er <sub>2</sub> O <sub>3</sub> NPs synthesized by polyol method against pathogenic bacterium as well as MCF-7 breast tumor cells, Inorganic Chemistry Communications, Vol. 155 110988	3.8
5	Dhilip kumar, M. Balaji, A. Mayakrishnan, G. Selvanathan, <b>M. Sundrarajan</b> (2023), Eco-friendly synthesis of l-Cysteine incorporated Swiss cheese-like carbon from Artocarpus heterophyllus peel waste for high performance symmetric supercapacitor, Biomass and Bioenergy. Vol. 174 106826	6
6	Mayakrishnan, M. Balaji, S. Ponnurengam Malliappan, P. Nithya, C. Dhilip kumar, R. Gowri, <b>M. Sundrarajan</b> (2023), Electrospun silk fibroin and gelatin blended nanofibers functionalized with noble metal nanoparticles for enhanced biomedical applications, Process Biochemistry, Vol. 124 221–234	4.4
7	Surya, M. Balaji, C. Dhilip kumar, A. Mayakrishnan, and <b>M. Sundrarajan</b> , (2022), [BMIM]-PF <sub>6</sub> Ionic Liquid Mediated Polyol Synthesis of Praseodymium (III) oxide Nanoparticles: Physicochemical investigation and its interaction with Bacterial and Cancer cells, Ceramic International, Vol. 48, [23], 35386-35397	5.2
8	K. Kasinathan, M. Karunakaran, M. Balaji, P. Nithya, P. Boomi, <b>M. Sundrarajan</b> , and S. Balamurugan, (2021), Cyclodextrin functionalized multi-layered MoS <sub>2</sub> nanosheets and its biocidal activity against pathogenic bacteria and MCF-7 breast cancer cells: Synthesis, characterization and in-vitro biomedical evaluation, Journal of Molecular Liquids, Vol. 323,114631	6

9	P. Nithya, M. Balaji, A. Mayakrishnan, C. Dhilipkumar, S. Selvam, <b>M. Sundrarajan</b> , (2021), Ionic liquid mediated green synthesis of Ag-Au/Y <sub>2</sub> O <sub>3</sub> nanoparticles using leaves extracts of <i>Justicia adhatoda</i> : Structural characterization and its biological applications, <i>Advanced Powder Technology</i> 32 2213-2225.	5.2
10	A. Mayakrishnan, M. Balaji, P. Nithya, C. Dhilip kumar, R Gowri and <b>M. Sundrarajan</b> , (2021), Electrospinning cellulose acetate/silk fibroin/ Au-Ag hybrid for enhanced biocidal activity against MCF-7 breast cancer cell, <i>Material Science and Engineering C</i> , Vol. 123, 112019.	6.4
11	V. Muthulakshmi, P. Kumar, <b>M. Sundrarajan</b> , (2021), Green synthesis of Ionic liquid mediated Ytterbium oxide nanoparticles by <i>Andrographis Paniculata</i> leaves extract for structural, morphological and biomedical applications, <i>Journal of Environmental Chemical Engineering</i> , Vol. 9 [4], 105270.	7.7
12	<b>M. Sundrarajan</b> , V. Muthulakshmi, (2021), Green synthesis of Ionic liquid mediated Neodymium oxide nanoparticles by <i>Andrographis paniculata</i> leaves extract for effective bio-medical applications, <i>Journal of Environmental Chemical Engineering</i> , Vol. 9[1], 104716	7.7
13	P. Nithya, M. Balaji, A. Mayakrishnan, S. Jegatheeswaran, S. Selvam, and <b>M. Sundrarajan</b> , (2020), Biogenic approach for the synthesis of Ag-Au doped RuO <sub>2</sub> nanoparticles in BMIM-PF <sub>6</sub> ionic liquid medium: Structural characterization and its biocidal activity against pathogenic bacteria and HeLa cancerous cells, <i>Journal of Molecular Liquids</i> , Vol. 310, 113245-113258	6
14	V. Muthulakshmi, <b>M. Sundrarajan</b> , (2020), Green synthesis of Ionic liquid assisted ytterbium oxide nanoparticles by <i>Couroupita guianensis</i> abul leaves extract for biological applications, <i>Journal of Environmental Chemical Engineering</i> , <b>Vol. 8</b> , 103992-104004.	7.7
15	K. Kasinathan, M. Balaji, P. Nithya, <b>M. Sundrarajan</b> , S. Balamurugan and M. Karunakaran, (2020), Synthesis of biogenic chitosan-functionalized 2D layered MoS <sub>2</sub> hybrid nanocomposite and its performance in pharmaceutical applications: In-vitro antibacterial and anticancer activity, <i>International Journal of Biological Macromolecules</i> , Vol. 149, 1019-1033.	8.2
16	M. Balaji, P. Nithya, A. Mayakrishnan, S. Jegatheeswaran, S. Selvam, Yurong Cai, Juming Yao and <b>M. Sundrarajan</b> , (2020), Fabrication of palladium nanoparticles anchored polypyrrole functionalized reduced graphene oxide nanocomposite for antibiofilm associated orthopedic tissue engineering, <i>Applied Surface Science</i> , Vol 510, 145403 – 145418.	6.7
17	V. Muthulakshmi, M. Balaji and <b>M. Sundrarajan</b> , (2020), Biomedical applications of ionic liquid mediated Samarium oxide nanoparticles by <i>Andrographis paniculata</i> leaves extract, <i>Materials Chemistry and Physics</i> , Vol 242, 122483 – 122491.	4.6



18	P. Nithya and <b>M. Sundrarajan</b> , (2020), Ionic liquid functionalized biogenic synthesis of Ag-Au bimetal doped CeO <sub>2</sub> nanoparticles from <i>Justicia adhatoda</i> for pharmaceutical applications: Antibacterial and anti-cancer activities, Journal of Photochemistry & Photobiology, B: Biology, Vol 202, 111706 – 111712.	5.4
19	V. Muthulakshmi, M. Balaji and <b>M. Sundrarajan</b> (2020), Ionic Liquid Mediated Morphologically Improved Lanthanum Oxide Nanoparticles by Andrographis paniculate Leaves Extract and Its Biomedical Applications, Journal of Rare Earths, Vol 38, 281-291.	4.9
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99	<b>M. Sundrarajan</b> , G. Vishnu and Kurian Joseph, (2007) “Decolourisation of exhausted reactive dye bath by ozonation for reuse”, International Journal of Environmental Science and Technology, Vol.4 [2], 263- 270.	3.1
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103	<b>H. Gurumallesh Prabu</b> and <b>M. Sundrarajan</b> , (2002) "Effect of bio-salt (TSC) in dyeing of cotton", Journal of Coloration Technology, Vol. 118, 131-134.	1.8

### List of conferences attended

#### International conference

S.No.	Name, conference and place	Year
1	R. Gowri and <b>M. Sundrarajan</b> won <b>Best Poster Presentation</b> award in the <b>International Conference on Advances in Chemistry (ICAC-2023)</b> organized by the <b>PG &amp; Research department of Chemistry, The American College, Madurai</b>	4 <sup>th</sup> and 5 <sup>th</sup> December 2023
2	C. Dhilip kumar and <b>M. Sundrarajan</b> participated in <b>Oral Presentation</b> in the <b>International Conference on Advances in Chemistry (ICAC-2023)</b> organized by the <b>PG &amp; Research Department of Chemistry, The American College, Madurai</b>	4 <sup>th</sup> and 5 <sup>th</sup> December 2023
3	C. Dhilip Kumar and <b>M. Sundrarajan</b> , Electrodeposited Fe <sub>40</sub> Se <sub>2.5</sub> through reverse pulse technique onto L- Cysteine incorporated Artocarpus heteropyllus peel derived carbon for highPerformance supercapacitor, International conference on Materials Science for Sustainable environment (ICMSSE - 2022),Organized by Post Graduate and Research Department of Chemistry, Holy Cross College, Tiruchirappalli	23 <sup>rd</sup> and 24 <sup>th</sup> August 2022
4	A. Mayakrishnan and <b>M. Sundrarajan</b> , International conference on Materials Science for Sustainable environment (ICMSSE - 2022), Organized by Post Graduate and Research Department of Chemistry, Holy Cross College, Tiruchirappalli	23 <sup>rd</sup> and 24 <sup>th</sup> August 2022

5	A. Surya and <b>M. Sundrarajan</b> , International conference on Materials Science for Sustainable environment (ICMSSE - 2022), Organized by Post Graduate and Research Department of Chemistry, Holy Cross College, Tiruchirappalli	23 <sup>rd</sup> and 24 <sup>th</sup> August 2022
6	V. Muthulakshmi, A. Mayakrishnan and <b>M. Sundrarajan</b> , Biomedical applications of Ionic Liquid Mediated Neodymium Oxide Nanoparticles by Couroupita Guianensis Abul leaves Extract, 5 <sup>th</sup> International Conference on Chemical Research (ICCER-2020), Organised by Post Graduate and Research Department of Chemistry, Jamal Mohamed College, Trichy	8 <sup>th</sup> January 2020
7	M. Balaji, P. Nithya, V. Muthulakshmi, A. Mayakrishnan, S. Jegatheeshwaran, S. Selvam, G. Selvanathan and <b>M.Sundrarajan</b> , Ionic liquid functionalized heteroatom doped PNF-MWCNT and BNF-MWCNT and its enhanced catalytic ability in clean energy and pollution control applications, FrontierAreas in Chemical Technologies- 2019 (FACTs-2019) Organisedby Department of Industrial Chemistry, Alagappa University, Karaikudi	25 <sup>th</sup> and 26 <sup>th</sup> July 2019
8	P. Nithya, M. Balaji, V. Muthulakshmi, A. Mayakrishnan, S. Jegatheeshwaran, S. Selvam, K. Bharathi and <b>M. Sundrarajan</b> , Facile green synthesis of CeO <sub>2</sub> and Ag doped CeO <sub>2</sub> Nanoparticles using Ionic Liquid medium and their Antibacterial activity, Frontier Areas in Chemical Technologies- 2019 (FACTs-2019) Organised by Department of Industrial Chemistry, Alagappa University, Karaikudi	25 <sup>th</sup> and 26 <sup>th</sup> July 2019
9	V. Muthulakshmi, M. Balaji, P. Nithya, A. Mayakrishnan, H. Gurumallesh prabhu, A. Rukmani and <b>M. Sundrarajan</b> , Green approach for the synthesis of Yb <sub>2</sub> O <sub>3</sub> Nanoparticles by Couroupita Guianensis abul leaves extract and biomedical applications, Frontier Areas in Chemical Technologies- 2019 (FACTs-2019) Organised by Department of Industrial Chemistry, Alagappa University, Karaikudi	25 <sup>th</sup> and 26 <sup>th</sup> July 2019

10	A. Mayakrishnan, M. Balaji, P. Nithya, V. Muthulakshmi, K. Ramanujam, V. Maheshkumar and <b>M. Sundrarajan</b> , Teritary composite material used for Nanofiberous formation in biomedical application, Frontier Areas in Chemical Technologies- 2019 (FACTs-2019) Organised by Department of Industrial Chemistry, Alagappa University, Karaikudi	25 <sup>th</sup> and 26 <sup>th</sup> July 2019
11	V. Aiswarya, M. Balaji, P. Nithya, S. Gowri, K. Kottaisamy and <b>M. Sundrarajan</b> , Plant mediated synthesis of TiO <sub>2</sub> and MgO nanoparticles using <i>Abutilon Indicum flowers</i> extract and their Antibacterial Activity, Frontier Areas in Chemical Technologies-2019 (FACTs-2019) Organised by Department of IndustrialChemistry, Alagappa University, Karaikudi	25 <sup>th</sup> and 26 <sup>th</sup> July 2019
12	G. Bhuvaneshwari, N. Uthayakumar, M. Balaji, P. Nithya, S. Jagatheeswaran, S. Selvam and <b>M. Sundrarajan</b> , Ionic liquid assisted synthesis of Tri-Doped N,P,F and B,N,F- MWCNT andtheir prevention activities of bacterial bioflim- associated with orthopedic implantation, Frontier Areas in Chemical Technologies- 2019 (FACTs-2019) Organised by Department of Industrial Chemistry, Alagappa University, Karaikudi	25 <sup>th</sup> and 26 <sup>th</sup> July 2019
13	V. Gayathri, B. Pavithra, P. Nithya, M. Balaji, K. Bama, S. Jagatheeswaran, S. Selvam, K. Kottaisamy, M. Ramalakshmi and <b>M. Sundrarajan</b> , Solanum Procumben leaves extract mediatedgreen synthesis of Ag-Pd/ Mn <sub>3</sub> O <sub>4</sub> nanoparticles and its antibacterial activity, Frontier Areas in Chemical Technologies- 2019 (FACTs-2019) Organised by Department of Industrial Chemistry, Alagappa University, Karaikudi	25 <sup>th</sup> and 26 <sup>th</sup> July 2019
14	J. Maheshwari, J. Saranya, M. Balaji, P. Nithya, V. Muthulakshmi, C. Subbu, M. Karunakaran and <b>M. Sundrarajan</b> , Ionic liquid medium synthesis and characterization of ZnO NPs by Leucas Aspera leaves extract with enhanced Photocatalytic and Biomedical applications, Frontier Areas in Chemical Technologies- 2019 (FACTs-2019) Organised by Department of Industrial Chemistry, Alagappa University, Karaikudi	25 <sup>th</sup> and 26 <sup>th</sup> July 2019

15	S. Revathi, V. Bhuvenshwari, S. Ambika, V. Muthulakshmi, M. Rajan and <b>M. Sundrarajan</b> , Ionic liquid medium synthesis and characterization of Titanium di Oxide nanoparticles by <i>Tabernamentana Divaricata</i> leaves extract with enhanced	25 <sup>th</sup> and 26 <sup>th</sup> July 2019
	Biomedical applications, Frontier Areas in Chemical Technologies- 2019 (FACTs-2019) Organised by Department of Industrial Chemistry, Alagappa University, Karaikudi	
16	C. Subbu, <b>M. Sundrarajan</b> and M. Karunakaran, The effect of ZrO <sub>2</sub> filler particle concentration on the ionic conductivity variation of PVC/PEO based gel polymer electrolyte, Frontier Areas in Chemical Technologies- 2019 (FACTs-2019) Organisedby Department of Industrial Chemistry, Alagappa University, Karaikudi	25-26 <sup>th</sup> July 2019
17	R. Subhulakshmi, G. Banupriya, M. Balaji, P. Nithya, V. Muthulakshmi, A. Mayakrishnan, J. Suresh and <b>M. Sundrarajan</b> , Synthesis and characterization of SrO/ $\beta$ -CD nanocomplex for biological application, Frontier Areas in Chemical Technologies-2019 (FACTs-2019) Organised by Department of Industrial Chemistry, Alagappa University, Karaikudi	25 <sup>th</sup> and 26 <sup>th</sup> July 2019
18	<b>M. Sundrarajan</b> , M. Balaji, S. Jegatheeswaran, S. Selvam, Nano-metal particles Decorated PEGylated fluor-hydroxyapatite Nanocomposites in the Ionic Liquid Medium: Detailed Investigation of Orthopedic Performances, International conference on Humanities, Arts and Science organized by University of Putra Malaysia (UPM), Malaysia	27 <sup>th</sup> and 28 <sup>th</sup> June 2018

19	M. Balaji, P. Nithya, V. Muthulakshmi, A. Mayakrishnan, S. Jegatheeswaran, S. Selvam and <b>M. Sundrarajan</b> , Ionic Liquid Functionalization of Ternary Doping Of N, B, F- Reduced Graphene Oxide With Ornate Morphology As Efficient Metal Free Electrocatalysts For The Oxygen Reduction Reaction: A Synergetic Effect By Doping With N, B and F. International conference on Sustainable Energy Technologies, Bharathidasan University, Tiruchirappalli	27 <sup>th</sup> and 28 <sup>th</sup> June 2018
20	P. Nithya, M. Balaji, V. Muthulakshmi, S. Jegatheeswaran, S. Selvam and <b>M. Sundrarajan</b> , [BMIM] PF <sub>6</sub> Ionic Liquid Mediated Green Synthesis Of Ag-Au/ZnO Nanoparticles Using <i>Justicia adhatoda</i> Leaves Extract And It's Antibacterial Activity. International conference on Sustainable Energy Technologies, Bharathidasan University, Tiruchirappalli	27 <sup>th</sup> and 28 <sup>th</sup> June 2018
21	S. Jegatheewaran, M. Balaji, J. Anandha Raj, P. Boomi, J. Jeyakanthan, J. Joseph Sahayarayan, <b>M. Sundrarajan</b> and S. Selvam, Ionic Liquid-Assisted One-Step Synthesis of rGo/MnCO <sub>3</sub> Composite for High-Performance Supercapacitor Electrodes, International conference on Frontier Areas in Chemical Technologies (FACTs-2017), Department of Industrial Chemistry, Alagappa University, Karaikudi	6 <sup>th</sup> - 8 <sup>th</sup> July 2017
22	K. Bama and <b>M. Sundrarajan</b> , A Green Approach: Silver/manganese oxide nanocomposite supported on bentonite by thermal decomposition method and their biological activities, International conference on Frontier Areas in Chemical Technologies (FACTs-2017), Department of Industrial Chemistry, Alagappa University - Karaikudi	6 <sup>th</sup> - 8 <sup>th</sup> July 2017

23	M. Balaji, S. Jegatheeswaran, P. Nithya and <b>M. Sundrarajan</b> , Bifunctional Biological Active Antibiofilm and Osteoblast Adhesion Efficacy from MWCNT/PPy/Pd nanocomposite, International conference on Frontier Areas in Chemical Technologies (FACTs-2017), Department of Industrial Chemistry, Alagappa University - Karaikudi	6 <sup>th</sup> - 8 <sup>th</sup> July 2017
24	A. Sangili, S. Jegatheeswaran, S. Ambika, K. Bama, M. Balaji, P. Nithya, R. Sumathi, M. Abdul Kadir and <b>M. Sundrarajan</b> , Silica-coated Magnetic Nanoparticles Supported Heteropoly Acid composites catalyzed efficient conversion of nitrile from aldehyde, International conference on Frontier Areas in Chemical Technologies (FACTs-2017), Department of Industrial Chemistry, Alagappa University – Karaikudi	6 <sup>th</sup> - 8 <sup>th</sup> July 2017
25	P. Nithya, M. Balaji, S. Jegatheeswaran, S. Selvam and <b>M. Sundrarajan</b> , Ionic liquid mediated green synthesis of CeO <sub>2</sub> -ZrO <sub>2</sub> core metal oxide nanoparticles and its Antioxidant activity, International conference on Frontier Areas in Chemical Technologies (FACTs-2017), Department of Industrial Chemistry, Alagappa University – Karaikudi	6 <sup>th</sup> - 8 <sup>th</sup> July 2017
26	R. Sumathi, S. Jegatheeswaran, S. Selvam and <b>M. Sundrarajan</b> , Morphology Improved Synthesis of Yttrium doped Hydroxyapatite Nanocrystals in Ionic Liquid medium, International conference on Frontier Areas in Chemical Technologies (FACTs-2017), Department of Industrial Chemistry, Alagappa University – Karaikudi	6 <sup>th</sup> - 8 <sup>th</sup> July 2017
27	<b>M. Sundrarajan</b> , Synthesis of nanomaterials by greener approach and their biological application, International conference on Frontier Areas of Nanomaterials (FAN-2017), Shri sakthikailash Women's College, Selam	14 <sup>th</sup> July 2017

28	M. Balaji, S. Jegatheeswaran, S. Selvam and <b>M. Sundrarajan</b> , Polypyrrole – Multiwall carbon nanotubes hybrid with anchoring palladium nanoparticles as bifunctional nanocomposite for highly active and stable electrocatalysis in International conference on Renewable Energy Science and Technology (ICREST – 17) in Department of Energy Science, Alagappa University, Karaikudi	10 <sup>th</sup> and 11 <sup>th</sup> March 2107
29	P. Nithya, M. Balaji, S. Jegatheeswaran, S. Selvam and <b>M. Sundrarajan</b> , Ionic liquid mediated green synthesis of CeO <sub>2</sub> – ZrO <sub>2</sub> core metal oxide nanoparticles and its antibacterial activity in International conference on Renewable Energy Science and Technology (ICREST – 17) in Department of Energy Science, Alagappa University, Karaikudi	10 <sup>th</sup> and 11 <sup>th</sup> March 2017
30	K. Bama, S. Jegatheeswaran, S. Ambika, M. Balaji, A. Sangili, P. Nithya, and <b>M. Sundrarajan</b> , CuO-Bentonite based nanostructure for enhanced biological application in International Conference on Chemical and Environmental Research in Jamal Mohamed College, Tiruchirappalli	7 <sup>th</sup> January 2017
31	A. Sangili and <b>M. Sundrarajan</b> , Synthesis of Magnetically Recoverable, Reusable Magnetic Fe <sub>3</sub> O <sub>4</sub> @C/Ag nanoparticles for catalytic activity of nitro aromatic compound by using NaBH <sub>4</sub> in International Conference on Chemical and Environmental Research in Jamal Mohamed College, Tiruchirappalli	7 <sup>th</sup> January 2017
32	A. Sangili and <b>M. Sundrarajan</b> , Synthesis of Magnetically Recoverable, Reusable Magnetic Fe <sub>3</sub> O <sub>4</sub> @C/Ag nanoparticles for catalytic activity of nitro aromatic compound by using NaBH <sub>4</sub> in International Conference on Chemical and Environmental Research in Jamal Mohamed College, Tiruchirappalli	7 <sup>th</sup> January 2017
33	S. Jegatheeswaran, S. Selvam, S.N. Karthick and <b>M. Sundrarajan</b> , Synthesis of nanocrystalline Au substituted hydroxyapatite: Investigation on cytocompatibility and antibacterial efficacy in the International Conference in Frontier Areas in Chemical Technologies organized by Department of Industrial Chemistry, Alagappa University, Karaikudi	21 <sup>st</sup> - 23 <sup>rd</sup> March 2016

34	S. Ambika, <b>M. Sundrarajan</b> and V. Magesh Kumar, CuO nanostructure: Optical and antibacterial activity against pathogenic bacteria in the International Conference in Frontier Areas in Chemical Technologies organized by Department of Industrial Chemistry, Alagappa University, Karaikudi	21 <sup>st</sup> - 23 <sup>rd</sup> March 2016
35	K. Bama, <b>M. Sundrarajan</b> and K. Bharathi, Enhanced antibacterial activity and low bandgap energy of ZnO/BC nanocomposite material in the International Conference in Frontier Areas in Chemical Technologies organized by Department of Industrial Chemistry, Alagappa University, Karaikudi	21 <sup>st</sup> - 23 <sup>rd</sup> March 2016
36	M. Balaji, <b>M. Sundrarajan</b> , S. Selvam and G. Selvanathan, Facile synthesis of Multiwall carbon nanotube supported Palladium doped polypyrrole catalyst in the International Conference in Frontier Areas in Chemical Technologies organized by Department of Industrial Chemistry, Alagappa University, Karaikudi	21 <sup>st</sup> - 23 <sup>rd</sup> March 2016
37	A. Sangili, <b>M. Sundrarajan</b> and M. Abdul kathir, Synthesis of Pd doped magnetic Fe <sub>3</sub> O <sub>4</sub> nanoparticles in the International Conference in Frontier Areas in Chemical Technologies organized by Department of Industrial Chemistry, Alagappa University, Karaikudi	21 <sup>st</sup> - 23 <sup>rd</sup> March 2016
38	P. Nithya, S. Rajamohamed and <b>M. Sundrarajan</b> , Ionic liquid mediated green synthesis of palladium doped nickel oxide to design efficient catalyst in the International Conference in Frontier Areas in Chemical Technologies organized by Department of Industrial Chemistry, Alagappa University, Karaikudi	21 <sup>st</sup> - 23 <sup>rd</sup> March 2016



39	A. Sarathkumar Muthuraj, <b>M. Sundrarajan</b> , M. Balaji, S. Jegatheeswaran, A. Sangili, S. Selvam and G. Selvanathan, Design to conductive sulfonated incorporated with hybrid SPVdF-ZnO composite for high energy conversion counter electrode in DSSC in the International Conference in Frontier Areas in Chemical Technologies organized by Department of Industrial Chemistry, Alagappa University, Karaikudi	21 <sup>st</sup> - 23 <sup>rd</sup> March 2016
40	S. Nagapriya, S. Jegatheeswaran, M. Balamurali and <b>M. Sundrarajan</b> , [BMIM]BF <sub>4</sub> assisted morphological improved synthesis of magnetic Fe <sub>2</sub> O <sub>3</sub> nanoparticles in the International Conference in Frontier Areas in Chemical Technologies organized by Department of Industrial Chemistry, Alagappa University, Karaikudi	21 <sup>st</sup> - 23 <sup>rd</sup> March 2016
41	K. Ishwarya, K. Bama, J. Anandha Raj and <b>M. Sundrarajan</b> , Agnanoparticles from Nyctanthes arbor-tristis: synthesis, characterization and application in the International Conference in Frontier Areas in Chemical Technologies organized by Department of Industrial Chemistry, Alagappa University, Karaikudi	21 <sup>st</sup> - 23 <sup>rd</sup> March 2016
42	S. Tamilselvi, S. Ambika, S. Angappan and <b>M. Sundrarajan</b> , Facile synthesis of palladium nanoparticles using Punica granatum peel extract: Green chemistry approach in the International Conference in Frontier Areas in Chemical Technologies organized by Department of Industrial Chemistry, Alagappa University, Karaikudi	21 <sup>st</sup> - 23 <sup>rd</sup> March 2016
43	K. Bama, S. Jegatheeswaran, S. Ambika, M. Balaji, S. Sangili and <b>M. Sundrarajan</b> , Antifungal activity of ferric oxide intercalated in/onto bentonite clay nanocomposite, International conference on Chemical and Environmental Research, Jamal Mohamed College, Tiruchirappalli	17 <sup>th</sup> December 2015

44	S. Ambika, S. Jegatheeswaran, K. Bama, M. Balaji, S. Sangili and <b>M. Sundrarajan</b> , Ionic liquid: A Designer solvent for the biosynthesis of anatase TiO <sub>2</sub> nanostructure, International conference on Chemical and Environmental Research, Jamal Mohamed College, Tiruchirappalli	17 <sup>th</sup> December 2015
45	S. Jegatheeswaran, S. Selvam, K. Bama and <b>M. Sundrarajan</b> , Tailoring the surface of nano hydroxyapatite/ Polymer/ Ag composite in the ionic liquid medium and to study on its antibacterial activity in Advancements in polymeric materials in Indian institute of science, Bangalore	20 <sup>th</sup> – 22 <sup>th</sup> February 2015
46	S.Gowri, K.Subramaniyan, S.Maruthamuthu and <b>M. Sundrarajan</b> , Bio mediated synthesis of ZnO nanoparticles and their performance of photocatalytic degradation of dye in International conference on chemistry in synergy with materials and biology (ICMB-2014), PG & Research Department of Chemistry, Bishop Heber College, Tiruchirappalli	10 <sup>th</sup> and 11 <sup>th</sup> January 2014
47	S.Ambika, K.Ramanujam, S.Jegatheeswaran and <b>M. Sundrarajan</b> , Synthesis of $\beta$ -Cyclodextrin/ZnO nanocomposite and its antibacterial activity on cotton fabric in International conference on chemistry in synergy with materials and biology (ICMB-2014), PG & Research Department of Chemistry, Bishop Heber College, Tiruchirappalli	10 <sup>th</sup> and 11 <sup>th</sup> January 2014
48	S.Jegatheeswaran, S.Selvam, K.Ramanujam, S.Ambika and <b>M.Sundrarajan</b> , Synthesis of hydroxyapatite/ polyethylene glycol nanocomposite doped with MgO for its antibacterial activity in International conference on chemistry in synergy with materials and biology (ICMB-2014), PG & Research Department of Chemistry, Bishop Heber College, Tiruchirappalli	10 <sup>th</sup> and 11 <sup>th</sup> January 2014

49	K.Ramanujam, S.Ambika, S.Jegatheeswaran and <b>M. Sundrarajan</b> , Preparation, characterization and antimicrobial properties of MgO nanoparticles in International conference on chemistry in synergy with materials and biology (ICMB-2014), PG & Research Department of Chemistry, Bishop Heber College, Tiruchirappalli	10 <sup>th</sup> and 11 <sup>th</sup> January 2014
50	<b>M. Sundrarajan</b> , Participated in the International Workshop on Frontier Areas in Chemical Technologies – 2014 (FACT' s- 2014) organized by Department of Industrial Chemistry, Alagappa University, Karaikudi	21 <sup>st</sup> and 22 <sup>nd</sup> February 2014
51	K.Ramanujam, S.Selvam, S.Jegatheeswaran, S.Ambika and <b>M. Sundrarajan</b> , Eco-friendly synthesis of MgO nanoparticles using Emblica Officinalis fruit juice and their antibacterial properties in International conference on advanced materials, processing and devices (AMPD-2013), Department of Materials Science, School of Chemistry, Madurai Kamaraj University, Madurai	15 <sup>th</sup> and 16 <sup>th</sup> July 2013
52	S. Ambika, K. Ramanujam, S. Jegatheeswaran, S. Selvam and <b>M.Sundrarajan</b> , Green synthesis of ZnO nanoparticles using vitex negunto leaf extract and their biological application in International conference on advanced materials, processing and devices (AMPD-2013), Department of Materials Science, School of Chemistry, Madurai Kamaraj University, Madurai	15 <sup>th</sup> and 16 <sup>th</sup> July 2013
53	S. Jegatheeswaran, K. Ramanujam, S.Ambika, S.Selvam and <b>M.Sundrarajan</b> , Bio-synthesis of alumina nanopowder using Punica granatum linn and their antibacterial activity in International conference on advanced materials, processing and devices (AMPD-2013), Department of Materials Science, School of Chemistry, Madurai Kamaraj University, Madurai	15 <sup>th</sup> and 16 <sup>th</sup> July 2013
54	S. Gowri and <b>M. Sundrarajan</b> , Antibacterial activity of Nelumbo nucifera Leaves extract mediated TiO <sub>2</sub> nanoparticles on cotton in International conference in Recent advances in Textile and Electrochemical Sciences in Dept. of Industrial Chemistry, Alagappa University, Karaikudi	21 <sup>st</sup> - 23 <sup>rd</sup> March 2013

55	A. Rukmani and <b>M. Sundrarajan</b> , Fabrication of antibacterial cotton by microcapsules of syzygium aromatic Essential oil in International conference in Recent advances in Textile and Electrochemical Sciences in Dept. of Industrial Chemistry, Alagappa University, Karaikudi	21 <sup>st</sup> - 23 <sup>rd</sup> March 2013
56	M. Ramalakshmi and <b>M. Sundrarajan</b> , Cobalt Oxide nanoparticles synthesis using greener solvent in International conference in Recent advances in Textile and Electrochemical Sciences in Dept. of Industrial Chemistry, Alagappa University, Karaikudi	21 <sup>st</sup> - 23 <sup>rd</sup> March 2013
57	S. Ambika, S. Selvam and <b>M. Sundrarajan</b> , Green synthesis of ZnO nanoparticles using pongamia pinnata leaf extract and their antibacterial activity advances in International conference in Recent advances in Textile and Electrochemical Sciences in Dept. of Industrial Chemistry, Alagappa University, Karaikudi	21 <sup>st</sup> - 23 <sup>rd</sup> March 2013
58	<b>M. Sundrarajan</b> , S. Jegatheeswaran and S. Selvam, Green biogenic approach for synthesis of alumina ceramic nanoparticles using punica granatum linn extract in International conference in Recent advances in Textile and Electrochemical Sciences in Dept. of Industrial Chemistry, Alagappa University, Karaikudi	21 <sup>st</sup> - 23 <sup>rd</sup> March 2013
59	Vishnu V Gopal, S. Selvam and <b>M. Sundrarajan</b> , Dyeing of silk fabric using nyctanthes arbor-tristis extracts and their antibacterial activity in International conference in Recent advances in Textile and Electrochemical Sciences in Dept. of Industrial Chemistry, Alagappa University, Karaikudi	21 <sup>st</sup> - 23 <sup>rd</sup> March 2013
60	S. Santhiya, S. Selvam and <b>M. Sundrarajan</b> , Dyeing and antibacterial properties of nyctanthes arbor-tristis extracts treated jute yarn in International conference in Recent advances in Textile and Electrochemical Sciences in Dept. of Industrial Chemistry, Alagappa University, Karaikudi	21 <sup>st</sup> - 23 <sup>rd</sup> March 2013

61	K. Ramanujam, S. Selvam and <b>M. Sundrarajan</b> , Biosynthesis of magnesium oxide nanoparticles using <i>Phyllanthus Emblica</i> juice and their biological applications in International conference in Recent advances in Textile and Electrochemical Sciences in Dept. of Industrial Chemistry, Alagappa University, Karaikudi	21 <sup>st</sup> - 23 <sup>rd</sup> March 2013
62	R. Rajiv Gandhi, J. Suresh, S. Gowri and <b>M. Sundrarajan</b> , Biosynthesis of MgO nanoparticles using banana stem plant extract in International conference in Recent advances in Textile and Electrochemical Sciences in Dept. of Industrial Chemistry, Alagappa University, Karaikudi	21 <sup>st</sup> - 23 <sup>rd</sup> March 2013
63	S. Selvam, <b>M. Sundrarajan</b> and S. Ravikumar, Preparation of ZnO/Cotton composite fabric and treatment with <i>nyctanthes arbor-tristis</i> and <i>ocimum tenuiflorum</i> extracts for improved antibacterial activity in International conference in Recent advances in Textile and Electrochemical Sciences in Dept. of Industrial Chemistry, Alagappa University, Karaikudi	21 <sup>st</sup> - 23 <sup>rd</sup> March 2013
64	J. Suresh, R. Rajiv Gandhi and <b>M. Sundrarajan</b> , Surface modification and antibacterial behaviour of biosynthesized ZnO nanoparticles coated cotton fabric in International conference in Recent advances in Textile and Electrochemical Sciences in Dept. of Industrial Chemistry, Alagappa University, Karaikudi	21 <sup>st</sup> - 23 <sup>rd</sup> March 2013
65	S. Gowri, R. Rajiv Gandhi and <b>M. Sundrarajan</b> , Biological plant mediated synthesis of TiO <sub>2</sub> nanoparticles using <i>azadirachta indica</i> leaves extract in International conference on Biological Inorganic chemistry in Periyar University, Salem	20 <sup>th</sup> - 22 <sup>nd</sup> February 2013
66	J. Suresh, R. Rajiv Gandhi and <b>M. Sundrarajan</b> , Antibacterial activity of magnesium (II) ions incorporated cyclodextrin crafted cotton fabric in International conference on global trends in pure and applied chemical sciences in Asian journal of chemistry, Udaipur, Rajasthan	3 <sup>rd</sup> and 4 <sup>th</sup> March 2012

67	R. Rajiv Gandhi, J. Suresh and <b>M. Sundrarajan</b> , Effect of Calcination temperature on Ionic liquid assisted sol-gel prepared ZnO nanoparticles in International conference on global trends in pure and applied chemical sciences in Asian journal of chemistry, Udaipur, Rajasthan	3 <sup>rd</sup> and 4 <sup>th</sup> March 2012
68	S. Selvam and <b>M. Sundrarajan</b> , Novel synthesis of sulfated $\beta$ -cyclodextrin/cotton/TiO <sub>2</sub> nanocomposite and biological applications in International conference on Vistas in Chemistry in Indira Gandhi Centre for Atomic Research, Kalpakkam	11 <sup>th</sup> – 13 <sup>th</sup> October 2011
69	J. Suresh, R. Rajiv Gandhi and <b>M. Sundrarajan</b> , Wet chemical synthesis of aluminium hydroxide nanoparticles and its antibacterial activity in International conference on Vistas in Chemistry in Indira Gandhi Centre for Atomic Research, Kalpakkam	11 <sup>th</sup> – 13 <sup>th</sup> October 2011
70	<b>M. Sundrarajan</b> , Depolarization and COD, TOC removal of textile dye effluents by Ozonation for reuse in Indo-UK workshop on current development of wastewater treatment-advanced separation processes in National Institute of Technology, Tiruchirappalli	29 <sup>th</sup> - 31 <sup>st</sup> August 2011
71	S. Selvam, <b>M. Sundrarajan</b> and S. Ravikumar, Synthesis of sulfated $\beta$ -cyclodextrin/cellulose/ZnO metal nanocomposites and biological applications in International conference on advancements in polymeric materials in CIPET, Chennai	25 <sup>th</sup> -27 <sup>th</sup> March 2011
72	J. Suresh, R. Rajiv Gandhi and <b>M. Sundrarajan</b> , Synthesis of magnesium oxide nanoparticles by wet chemical method and its antibacterial activity in International conference on Nanoscience and nanotechnology (ICNN 2011) in Coimbatore Institute of Technology	6 <sup>th</sup> - 8 <sup>th</sup> July 2011
73	S. K. Kannan, K. Radhakrishnan and <b>M. Sundrarajan</b> , Substituent effects on the UV, IR and H NMR chemical shifts of p-substituted 2-Benzylidene -1,3-Indandiones in International conference on Advanced materials and applications in Kalasalingam University, Krishnan Kovil	4 <sup>th</sup> and 5 <sup>th</sup> March 2011

74	A. Rukmani, S. Gowri and <b>M. Sundrarajan</b> , Microbial resistance in organic cotton by micro encapsulation of limonene in International conference on Advanced materials and applications in Kalasalingam University, Krishnan Kovil	4 <sup>th</sup> and 5 <sup>th</sup> March 2011
75	M. Ramalakshmi and <b>M. Sundrarajan</b> , Magnetic nanoparticles synthesis and its characterization using Ionic liquid in International conference on Advanced materials and applications in Kalasalingam University, Krishnan Kovil	4 <sup>th</sup> and 5 <sup>th</sup> March 2011
76	J. Suresh, R.Rajiv Gandhi and <b>M. Sundrarajan</b> , Modification of organic cotton using chitosan nanoparticles to improve the dyeability in International conference on Advanced materials and applications in Kalasalingam University, Krishnan Kovil	4 <sup>th</sup> and 5 <sup>th</sup> March 2011
77	S. Selvam, <b>M. Sundrarajan</b> and S. Ravikumar, Antibacterial activity of sulfated $\beta$ -cyclodextrin modified cellulose with ocimum tenuiflorum in International conference on Advanced materials and applications in Kalasalingam University, Krishnan Kovil	4 <sup>th</sup> and 5 <sup>th</sup> March 2011
78	S. Selvam, <b>M. Sundrarajan</b> and S. Ravikumar, Supramolecular assembly of sulfated $\beta$ -cyclodextrin with cellulose and its biological activity in International conference on supramolecular chemistry and nanomaterials in Department of chemistry, University of Mumbai	14 <sup>th</sup> - 16 <sup>th</sup> February 2011
79	<b>M. Sundrarajan</b> , Participated in the One day International Workshop attended at Tirupur- Weathering & Light Fastness Testing of Textiles By Q Lab, USA	7 <sup>th</sup> December 2011
80	J. Suresh and <b>M. Sundrarajan</b> , Synthesis and Characterization of nano size reactive blue MXR in International conference on advancement of nanoscience and nanotechnology in Department of Nanoscience and Technology, Alagappa University	1-3 <sup>rd</sup> March 2010
81	<b>M. Sundrarajan</b> , Participated in the International Conference on Quality Improvement in Educational Systems organized by Bharathidasan University, Tiruchirappalli	22 <sup>nd</sup> and 23 <sup>rd</sup> February 2003

### National conference

S.No.	Name, conference and place	Year
1	<b>M. Sundrarajan</b> , participated in the <b>Swachhta Hi Seva, swachhta Pakhwada, Rashtriya Poshan Maah &amp; Jal Shakti Abhiyan</b> programmes organized by Alagappa University, karaikudi	1 <sup>st</sup> July- 30 <sup>th</sup> November 2019
2	<b>M. Sundrarajan, participated</b> in the International Conference on Cutting Edge Research in Chemical Science and workshop on Radioactivity in association with IANCAS entitled Morinda citrifolia leaves extract using synthesis of silver doped Copper for Antibacterial Activity held at Poompuhar College, Melaiyur, Nagappattinam	19 <sup>th</sup> September 2019
3	<b>M. Sundrarajan</b> , participated in the <b>Three day International workshop on E-content Development for MOOCs</b> among the Faculty Members at Alagappa University, Karaikudi	10 <sup>th</sup> , 12 <sup>th</sup> , 13 <sup>th</sup> of September 2019
4	<b>M. Sundrarajan</b> , participated in the One Day Workshop on <b>“Practicing Nai Talim, Experimental Learning, Community and Vocational Education”</b> Alagappa University, Karaikudi	3 <sup>rd</sup> Septembet 2019
5	<b>M. Sundrarajan</b> , Attended in the One-Day Workshop on <b>“Technical and Scholarly Writing”</b> Alagappa University, Karaikudi	14 <sup>th</sup> February 2019
6	K. Bama and <b>M. Sundrarajan</b> , An ionic liquid mediated synthesis of silver/zinc oxide nanoparticles intercalated into bentonite and their biological activities. National Seminar on Frontier Areas in Chemical Technologies, Alagappa University, Karaikudi	22 <sup>nd</sup> and 23 <sup>rd</sup> March2018
7	M. Balaji, S. Jegatheeswaran, S. Selvam and <b>M. Sundrarajan</b> , Biomimetic and cell-mediated mineralization of graphene by ionic liquid assisted nitrogen, phosphate, fluorine tri doped ternary nanocomposite, National Seminar on Frontier Areas in Chemical Technologies, Alagappa University, Karaikudi	22 <sup>nd</sup> and 23 <sup>rd</sup> March2018
8	A. Surya, M. Balaji, M. Rajan and <b>M. Sundrarajan</b> , Imidazolium based ionic liquid template for structurally upgraded cerium oxide nanorods. National Seminar on Frontier Areas in Chemical Technologies, Alagappa University, Karaikudi	22 <sup>nd</sup> and 23 <sup>rd</sup> March2018



9	P. Nithya, M. Balaji, S. Jegatheeswaran, A. Surya, V. Muthulakshmi, A. Keerthana, A. Herculin Arun Baby, A. Mayakrishnan, S. Selvam and <b>M. Sundrarajan</b> . National Seminar on Frontier Areas in Chemical Technologies, Alagappa University, Karaikudi	22 <sup>nd</sup> and 23 <sup>rd</sup> March2018
10	V. Muthulakshmi, M. Balaji, P. Nithya, A. Surya and <b>M. Sundrarajan</b> , Ionic liquid assistexd green synthesis of rare lanthanum oxide nanoparticles: Antibacterial and Morphology properties. National Seminar on Frontier Areas in Chemical Technologies, Alagappa University, Karaikudi	22 <sup>nd</sup> and 23 <sup>rd</sup> March2018
11	A. Keerthana, M. Balaji, S. Jegatheeswaran, A. Rukmani, V. Makesh Kumar and <b>M. Sundrarajan</b> , Characterization and invitro bioactivity of strontium substituted hydroxyapatite/Graphene oxide/Polyacrylic acid nanocomposite. National Seminar on Frontier Areas in Chemical Technologies, Alagappa University, Karaikudi	22 <sup>nd</sup> and 23 <sup>rd</sup> March2018
12	A. Herculin Arun Baby, P. Nithya, V. Muthulakshmi, V. Keerthana, C.Pragathiswaran, H. Gurumallesh Prabhu and <b>M. Sundrarajan</b> , Diplocyclos palmatus source for red luminescent carbon quantum dots to intercellular bioimaging in Artemia Salina: A green approach. National Seminar on Frontier Areas in Chemical Technologies, Alagappa University, Karaikudi	22 <sup>nd</sup> and 23 <sup>rd</sup> March2018
13	A. Mayakrishnan, M. Balaji, S. Jegatheeswaran, P. Nithya, V. Muthulakshmi, S. Selvam, M. Rajan and <b>M. Sundrarajan</b> , Ionic liquid assisted tri doping of nitrogen phosphorous and fluorine into graphene instantaneously enhanced the morphology of ternary composite. National Seminar on Frontier Areas in Chemical Technologies, Alagappa University, Karaikudi	22 <sup>nd</sup> and 23 <sup>rd</sup> March2018
14	L.R. Sangavi, K. Bama and <b>M. Sundrarajan</b> , A novel synthesis of zinc oxide incorporated into $\beta$ - cyclodextrin nanocomposite by using hyrothermal method: Biological activities. National Seminar on Frontier Areas in Chemical Technologies, Alagappa University, Karaikudi	22 <sup>nd</sup> and 23 <sup>rd</sup> March2018

15	M. Alagumeenal, P. Nithya, M. Balaji, S. Jegatheeswaran, A. Surya, S. Selvam, K. Bharrathi and <b>M. Sundrarajan</b> , Green synthesis of yttrium oxide nanoparticles and its antibacterial activity. National Seminar on Frontier Areas in Chemical Technologies, Alagappa University, Karaikudi	22 <sup>nd</sup> and 23 <sup>rd</sup> March2018
16	R. Jegatheeswari, P. Nithya, M. Balaji, S. Jegatheeswaran, K. Ramanujam, S. Selvam, S. Ambika, M. Abdul Kadir, S. Gowri, G. Selvanathan and <b>M. Sundrarajan</b> , Green synthesis of RuO <sub>2</sub> nanoparticles using <i>Gloriosa superba</i> leaves extract and its antibacterial activity. National Seminar on Frontier Areas in Chemical Technologies, Alagappa University, Karaikudi	22 <sup>nd</sup> and 23 <sup>rd</sup> March2018
17	P. Suganya, K. Bama, M. Bhavani, K. Bharathi and <b>M. Sundrarajan</b> , Green synthesis of silver nanoparticles using <i>Morinda citrifolia</i> leaves extract and their antifungal activity, National Seminar on Frontier Areas in Chemical Technologies, Alagappa University, Karaikudi	22 <sup>nd</sup> and 23 <sup>rd</sup> March2018
18	S. Sathya, P. Nithya, M. Balaji, K. Bama, K. Ramanujam, K. Elangovan and <b>M. Sundrarajan</b> , Ionic liquid assisted green synthesis of magnesium oxide nanoparticles and its antibacterial activity, National Seminar on Frontier Areas in Chemical Technologies, Alagappa University, Karaikudi	22 <sup>nd</sup> and 23 <sup>rd</sup> March2018
19	R. Jayamani and M. Sundrarajan, Synthesis of Pd nanoparticles by bio-reduction process using natural plant of aerva lanata extract, National Seminar on Frontier Areas in Chemical Technologies, Alagappa University, Karaikudi	22 <sup>nd</sup> and 23 <sup>rd</sup> March2018
20	R. Sumathi, S. Jegatheeswaran, S. Selvam and <b>M. Sundrarajan</b> , Ionothermal Synthesis of Hydroxyapatite Nanocrystals in Ionic Liquid ([BMIM <sup>+</sup> ] I). National Conference on Biomaterials in medicinal chemistry (BMC) - 2017, Madurai Kamaraj University, Madurai	12 <sup>th</sup> and 13 <sup>th</sup> April2017
21	M. Bhavani, K. Bama, A. Sangili and <b>M. Sundrarajan</b> , Green Synthesis of quasi-spherical shape of titanium dioxide nanoparticles using hydrothermal method. National Conference on Biomaterials in medicinal chemistry (BMC) - 2017, Madurai Kamaraj University, Madurai	12 <sup>th</sup> and 13 <sup>th</sup> April2017

22	A. Sangili and <b>M. Sundrarajan</b> , Synthesis and characterization of silica-coated magnetic nanoparticles supported Heteropoly acid in National seminar on New trends in chemistry (NTC – 2016), Department of Chemistry, Annamalai University, Chithamabram	21 <sup>st</sup> – 22 <sup>nd</sup> October 2016
23	<b>M. Sundrarajan</b> , Participated in the National Workshop on Digitization of Information Sources in Libraries using Open Source Software in Academic Institutions organized by Central Library, Alagappa University, Karaikudi	15 <sup>th</sup> and 16 <sup>th</sup> December 2016
24	S. Ambika, M. Thiruselvi, S. Jegatheeswaran, K. Bama, M. Balaji, S. Sangili and <b>M. Sundrarajan</b> , Synthesis of nanocrystalline ZnO by greener method and their antibacterial activity, National seminar on Recent trends in Organic Synthesis and Chemical Biology, Annamalai University, Chithamabram	9 <sup>th</sup> and 10 <sup>th</sup> October 2015
25	K. Bama, S. Jegatheeswaran, S. Ambika, M. Balaji, S. Sangili and M. Sundrarajan, Intercalation of ferric oxide treated bentonite clay: Evaluation of its antibiotic application, National seminar on Recent trends in Organic Synthesis and Chemical Biology, Annamalai University, Chidambaram	9 <sup>th</sup> and 10 <sup>th</sup> October 2015
26	S. Jegatheeswaran, S. Selvam and M. Sundrarajan, Structural synthesis of fluorapatite nanocrystals using different imidazolium based ionic liquid: A green process, National conference on Biomaterials in Medicinal Chemistry, Madurai Kamaraj University, Madurai	21 <sup>st</sup> and 22 <sup>nd</sup> December 2015
27	S. Jegatheeswaran, <b>M. Sundrarajan</b> , S. Selvam, K. Ramanujam, S. Ambika, K. Bama, M. Balaji and V. Maheshkumar, Ionic liquid network as a tool to graft silver nanoparticles on hydroxyapatite nanosticks and its bactericidal effect in Frontier areas in chemical technologies (FACTS – 2015), Department of Industrial Chemistry, Alagappa university, Karaikudi	6 <sup>th</sup> and 7 <sup>th</sup> March 2015
28	S. Ambika, <b>M. Sundrarajan</b> , K. Ramanujam, S. Jegatheeswaran, K. Bama and M. Balaji, Green synthesis of TiO <sub>2</sub> nanoparticles using tritax procumbens leaf extract and their antibacterial activity in Frontier areas in chemical technologies (FACTS – 2015), Department of Industrial Chemistry, Alagappa university, Karaikudi	6 <sup>th</sup> and 7 <sup>th</sup> March 2015

29	K.Bama, K.Ramanujam, S.Jegatheeswaran, S.Ambika, M.Balaji and <b>M. Sundrarajan</b> , Synthesis: Intercalation of normal spinal Mn <sub>3</sub> O <sub>4</sub> into sodium bentonite material and their biological application in Frontier areas in chemical technologies (FACTS – 2015), Department of Industrial Chemistry, Alagappa university, Karaikudi	6 <sup>th</sup> and 7 <sup>th</sup> March 2015
30	K. Ramanujam, S.Jegatheeswaran, S.Ambika, K.Bama, M.Balaji and <b>M. Sundrarajan</b> , Synthesis of pomegranate peel extract mediated SnO <sub>2</sub> nanoparticles for enhanced bactericidal activity in Frontier areas in 6-7 <sup>th</sup> March 2015 chemical technologies (FACTS – 2015), Department of Industrial Chemistry, Alagappa university, Karaikudi	6 <sup>th</sup> and 7 <sup>th</sup> March 2015
31	M. Balaji, <b>M.Sundrarajan</b> , K.Ramanujam, S. Jegatheeswaran, S. Ambika, K. Bama, R. Jeyamani and S. Arockiya Gowri, Synthesis and characterization of coumarin using nano tin metal as a catalyst in Frontier areas in chemical technologies (FACTS – 2015), Department of Industrial Chemistry, Alagappa university, Karaikudi	6 <sup>th</sup> and 7 <sup>th</sup> March 2015
32	A. Rukmani and <b>M. Sundrarajan</b> , Eco-friendly fabrication of antibacterial cotton by limonene microcapsules in Frontier areas in chemical technologies (FACTS – 2015), Department of Industrial Chemistry, Alagappa university, Karaikudi	6 <sup>th</sup> and 7 <sup>th</sup> March 2015
33	R. Jeyamani and <b>M. Sundrarajan</b> , Biosynthesis and characterization of palladium nanoparticles using natural sources in Frontier areas in chemical technologies (FACTS – 2015), Department of Industrial Chemistry, Alagappa university, Karaikudi	6 <sup>th</sup> and 7 <sup>th</sup> March 2015
34	C. Sangeetha and <b>M. Sundrarajan</b> , Green synthesis of copper oxide nanoparticles using punica granatum peel extracts and their antibacterial activity in Frontier areas in chemical technologies (FACTS – 2015), Department of Industrial Chemistry, Alagappa university, Karaikudi	6 <sup>th</sup> and 7 <sup>th</sup> March 2015
35	N. Jeyaramachandran and <b>M. Sundrarajan</b> , A new approach for crystallization of hydroxyapatite nanostructure in the presence of Ionic liquid in Frontier areas in chemical technologies (FACTS – 2015), Department of Industrial Chemistry, Alagappa university, Karaikudi	6 <sup>th</sup> and 7 <sup>th</sup> March 2015

36	S. Suvetha and <b>M. Sundrarajan</b> , Ionic liquid mediated synthesis of MgO nanostructures using different reducing agents and evaluate their antibacterial efficacy in Frontier areas in chemical technologies (FACTS – 2015), Department of Industrial Chemistry, Alagappa university, Karaikudi	6 <sup>th</sup> and 7 <sup>th</sup> March 2015
37	S. Arockiya Gowri, M.Balaji, <b>M. Sundrarajan</b> , K.Ramanujam, S.Jegatheeswaran, S. Ambika, K. Bama and R. Jeyamani, Development of low cast Pt free palladium sulfide/ multiwall carbon nanotubes hybrid nanocomposites counter electrode for high efficiency dye sensitized solar cells in Frontier areas in chemical technologies (FACTS – 2015), Department of Industrial Chemistry, Alagappa university, Karaikudi	6 <sup>th</sup> and 7 <sup>th</sup> March 2015
38	S. Jegatheeswaran, <b>M. Sundrarajan</b> , S. Selvam and M. Balaji, A sol-gel synthesis of nanocrystalline hydroxyapatite using different surfactants like ionic liquid and polymer in Frontier areas in chemical technologies, Department of Chemistry, Thiyagarajar College, Madurai	26 <sup>th</sup> and 27 <sup>th</sup> February 2015
39	<b>M. Sundrarajan</b> , Participated in the “One day orientation programme on Preparation for Competitive Examinations and Capacity Building” organized by Alagappa University Study Circle, Alagappa University, Karaikudi	28 <sup>th</sup> September 2015
40	S. Ambika, K. Ramanujam, S. Jegatheeswaran, K. Bama and <b>M. Sundrarajan</b> , Biosynthesis and characterization of ZnO nanoparticles using <i>Solanum trilobatum</i> and their protein binding study in New opportunities and challenges in chemical research (NOCCR – 2014), PG and Research Department of Chemistry, A.V.V.M. Sri pushpam college, Poondi, Thanjavur	29 <sup>th</sup> and 30 <sup>th</sup> December 2014
41	K. Ramanujam, S. Jegatheeswaran, S. Ambika, K. Bama, M. Balaji and <b>M. Sundrarajan</b> , Biosynthesis, characterization and antibacterial effect of fruits mediated TiO <sub>2</sub> nanoparticles using <i>Emblica Officinalis</i> in New opportunities and challenges in chemical research (NOCCR – 2014), PG and Research Department of Chemistry, A.V.V.M. Sri pushpam college, Poondi, Thanjavur	29 <sup>th</sup> and 30 <sup>th</sup> December 2014

42	R. Gowri, <b>M. Sundrarajan</b> and S. Jegatheeswaran, Studies on the effect of ionic liquid in synthesis of ZnO nanostructures using plant extract and their performance in antibacterial activity in New opportunities and challenges in chemical research (NOCCR – 2014), PG and Research Department of Chemistry, A.V.V.M. Sri pushpam college, Poondi, Thanjavur	29 <sup>th</sup> and 30 <sup>th</sup> December 2014
43	S. Jegatheeswaran, S. Selvam, K. Bama, M. Balaji and <b>M. Sundrarajan</b> , A simple sol gel technique for synthesis of hydroxyapatite/ silver nanocomposites in the ionic liquid media and its antibacterial efficacy in New opportunities and challenges in chemical research (NOCCR – 2014), PG and Research Department of Chemistry, A.V.V.M. Sri pushpam college, Poondi, Thanjavur	29 <sup>th</sup> and 30 <sup>th</sup> December 2014
44	K. Ramanujam, S. Jegatheeswaran, S. Ambika, K. Bama, M. Balaji and <b>M. Sundrarajan</b> , Cassia auriculate aqueous flower extract assisted green synthesis of Magnesium oxide nanoparticles and its antibacterial activity in Current Trends in Electrochemical Sciences, Department of Chemistry, Ananda College, Devakottai	15 <sup>th</sup> and 16 <sup>th</sup> October 2014.
45	K. Ramanujam and <b>M. Sundrarajan</b> , Modification of cellulosic fabric using $\beta$ - cd with MgO nanoparticles coating for improved natural extracts dye ability in Recent Trends in Smart Materials (NSSM-2014), Department of Chemistry, Kings College of Engineering, Punalkulam, Thanjavur	17 <sup>th</sup> April 2014
46	K. Ramanujam, S. Ambika, S. Jegatheeswaran and <b>M. Sundrarajan</b> , Advanced oxidation process using decolorization of reactive dye waste in Recent advances in water and wastewater treatment (RAWWT – 2014), Department of chemistry, The Gandhigram Rural University, Gandhigram	21 <sup>st</sup> and 22 <sup>nd</sup> March 2014
47	S. Jegatheeswaran, K. Ramanujam, S. Ambika, S. Selvam and <b>M. Sundrarajan</b> , Biomediated synthesis and characterization of MgO doped hydroxyapatite nanoparticles for biomedical applications in National conference on green processes and nanomaterials (NCGPNM-14), Department of Chemistry, Hindustan University, Padur, Chennai	8 <sup>th</sup> and 9 <sup>th</sup> January 2014

48	K. Ramanujam, S. Ambika, S. Jegatheeswaran and <b>M. Sundrarajan</b> , Evaluation of antimicrobial properties exhibited by magnesium oxide nanoparticles prepared by sol-gel method coated on cotton fabric in National conference on green processes and nanomaterials (NCGPNM-14), Department of Chemistry, Hindustan University, Padur, Chennai	8 <sup>th</sup> and 9 <sup>th</sup> January 2014
49	S. Ambika, K. Ramanujam, S. Jegatheeswaran and <b>M. Sundrarajan</b> , Synthesis and evaluation of $\beta$ -cyclodextrin/ZnO composite for imparting antibacterial activity on cotton fabric in National conference on green processes and nanomaterials (NCGPNM-14), Department of Chemistry, Hindustan University, Padur, Chennai	8 <sup>th</sup> and 9 <sup>th</sup> January 2014
50	M. Ramalakshmi and <b>M. Sundrarajan</b> , Synthesis and study of physical and magnetic properties of Cobalt oxide Nanowarms, National conference on Recent applications of nanomaterials in chemistry and environmental research in Department of Chemistry, Kongu Engineering College, Erode	20 <sup>th</sup> and 21 <sup>st</sup> July 2012
51	M. Ramalakshmi and <b>M. Sundrarajan</b> , Single-phase $\text{Mn}_3\text{O}_4$ nanoparticles synthesis via ionic liquid – assisted route in Recent Textile and electrochemical science (RATES-2012), Department of industrial chemistry, Alagappa University, Karaikudi	22 <sup>nd</sup> and 23 <sup>rd</sup> March 2012
52	R. Rajiv Gandhi, J Suresh and <b>M. Sundrarajan</b> , Ionic liquid (1-n-butyl-3-methylimidazolium hexafluorophosphate) assisted synthesis of MgO nanoparticles by sol-gel method in Recent Textile and electrochemical science (RATES-2012), Department of Industrial Chemistry, Alagappa University, Karaikudi	22 <sup>nd</sup> and 23 <sup>rd</sup> March 2012
53	S. Selvam and <b>M. Sundrarajan</b> , Treatment and recycle of automobile waste water treatment by ozonation in Recent Textile and electrochemical science-2012 (RATES-2012), Department of Industrial Chemistry, Alagappa University, Karaikudi	22 <sup>nd</sup> and 23 <sup>rd</sup> March 2012
54	S. Gowri, R. Rajiv Gandhi, J Suresh and <b>M. Sundrarajan</b> , Green synthesis of $\text{TiO}_2$ nanoparticle using natural plant extract in Recent Textile and electrochemical science (RATES-2012), Department of industrial chemistry, Alagappa University, Karaikudi	22 <sup>nd</sup> and 23 <sup>rd</sup> March 2012

55	D.Vincy saranya, S.Selvam and <b>M. Sundrarajan</b> , Decolouration of reactive dye waste water and reuse by advance oxidation process in Recent Textile and electrochemical science (RATES-2012), Department of industrial chemistry, Alagappa University, Karaikudi	22 <sup>nd</sup> and 23 <sup>rd</sup> March 2012
56	A. Rukmani, and <b>M. Sundrarajan</b> , Eco-friendly finishing of cotton with microcapsules of neem oil in Recent Textile and electrochemical science (RATES-2012), Department of industrial chemistry, Alagappa University, Karaikudi	22 <sup>nd</sup> and 23 <sup>rd</sup> March 2012
57	K. Ramanujam, S.Selvam and <b>M. Sundrarajan</b> , effective decolorization and reuse of monocolor reactive dye waste water using ozonation in Recent Textile and electrochemical science (RATES-2012), Department of industrial chemistry, Alagappa University, Karaikudi	22 <sup>nd</sup> and 23 <sup>rd</sup> March 2012
58	P. Venkatasen, S.Selvam and <b>M. Sundrarajan</b> , Ultrasonicater treatment of domestic waste water and reuse in Recent Textile and electrochemical science (RATES-2012), Department of industrial chemistry, Alagappa University, Karaikudi	22 <sup>nd</sup> and 23 <sup>rd</sup> March 2012
59	S. Meenal, S. Selvam and <b>M. Sundrarajan</b> , Domestic wastewater and reuse by ozonation in Recent Application of Nanomaterials in Chemistry and Environment research (RANCER 2012), Department of chemistry in Kongu engineering college, Erode	20 <sup>th</sup> and 21 <sup>st</sup> July 2012
60	<b>M. Sundrarajan</b> , Participated in the National Workshop on Expansion and and Enrichment of Distance Learning organized by Directorate of Distance Education, Alagappa University, Karaikudi	27 <sup>th</sup> and 28 <sup>th</sup> March 2012
61	<b>M. Sundrarajan</b> , participated in One day National Seminar attended at Tirupur- Textile Testing Methods By SDL ATLAS & Premier Color Scan Ltd., Mumbai	7 <sup>th</sup> September 2011
62	<b>M. Sundrarajan</b> , Participated in the National workshop on “Chemistry – Our Environment, Our life and our future” organized by Department of Industrial Chemistry, Alagappa University, Karaikudi	22 <sup>nd</sup> and 23 <sup>rd</sup> December 2011
63	<b>M. Sundrarajan</b> , Participated in the Seminar on Weathering & Light Fastness Testing of Textiles by Q lab & Premier Colorsan, Tirupur	7 <sup>th</sup> December 2011



64	M. Ramalakshmi and <b>M. Sundrarajan</b> , Synthesis and characterization of magnetic Nickel oxide nanoparticles in National conference on Recent Trends in Green Synthesis (RTGS-2011), Department of Industrial Chemistry, Alagappa University, Karaikudi	5 <sup>th</sup> and 6 <sup>th</sup> August2011
65	A. Rukmani and <b>M. Sundrarajan</b> , Antibacterial finishing of organic cotton with thymol microcapsules, National conference on Recent Trends in Green Synthesis (RTGS-2011) in Department of Industrial Chemistry, Alagappa University, Karaikudi	5 <sup>th</sup> and 6 <sup>th</sup> August2011
66	S. Gowri and <b>M. Sundrarajan</b> , Green synthesis and characterization of titanium dioxide nanoparticles using aloe vera extract in National conference on Recent Trends in Green Synthesis (RTGS-2011) in Department of Industrial Chemistry, Alagappa University, Karaikudi	5 <sup>th</sup> and 6 <sup>th</sup> August2011
67	R. Rajiv Gandhi, J Suresh and <b>M. Sundrarajan</b> , Bio-synthesis of Tin Oxide nanoparticles using Nyctanthes arbor tristis flower extract in National conference on Recent Trends in Green Synthesis (RTGS-2011) in Department of Industrial Chemistry, Alagappa University, Karaikudi	5 <sup>th</sup> and 6 <sup>th</sup> August2011
68	S. Selvam, and <b>M. Sundrarajan</b> , Antibacterial activity of ZnO nanoparticles coated cotton fabric with Artemisia pallens extract treatment in National conference on Recent Trends in Green Synthesis(RTGS-2011) in Department of Industrial Chemistry, Alagappa University, Karaikudi	5 <sup>th</sup> and 6 <sup>th</sup> August2011
69	<b>M. Sundrarajan</b> , Participated in the State level workshop on Structure solving by Powder X-Ray Diffraction (SLWSSP – XRD 2011) organized by School of Physics, Alagappa University, Karaikudi	26 <sup>th</sup> and 27 <sup>th</sup> July2011
70	K. Ramanujam, S.Selvam and <b>M. Sundrarajan</b> , Antibacterial activity of ZnO nanoparticles with Azadirachta indica leaves extract treated cellulose in National conference on recent advances in nanotechnology and biosensors (NCNB-2011) in Department of Bioelectronics and Biosensors, Alagappa University, Karaikudi	3 <sup>rd</sup> and 4 <sup>th</sup> March 2011

71	<b>M. Sundrarajan</b> , S.Selvam, J Suresh and K. Uma Maheswari, Modification of cotton with monochlorotriazinyl-beta cyclodextrin and dyeing behavior in Advanced in chemical for textile polymers – Application and quality Assurance (ACTPAQ 2011) in PSG College of Technology, Coimbatore	17 <sup>th</sup> and 18 <sup>th</sup> February 2011
72	K. Ramanujam, S.Selvam and <b>M. Sundrarajan</b> , biological application of TiO <sub>2</sub> nanoparticles with azadirachta indica leaves extracts treated cotton fabric in National Seminar on Application of nanotechnology in current Agricultural Practices, (NANO FARM- 2011) in Zakir Husain College, Ilayangudi	09 <sup>th</sup> and 10 <sup>th</sup> February 2011
73	P. Vigneshwaran, S. Selvam and <b>M. Sundrarajan</b> , Effect of antibacterial activity of tio <sub>2</sub> nanoparticles with ocimum tenuiflorum treated cotton in National seminar on Application of nanotechnology in current Agricultural Practices (NANO FARM- 2011) in Zakir Husain College, Ilayangudi	09 <sup>th</sup> and 10 <sup>th</sup> February 2011
74	S. Yamuna, S.Selvam and <b>M. Sundrarajan</b> , Antibacterial behavior of TiO <sub>2</sub> nanoparticles with artemisia pallens treated cellulose, in National seminar on Application of nanotechnology in current Agricultural Practices (NANO FARM- 2011) in Zakir Husain College, Ilayangudi	09 <sup>th</sup> and 10 <sup>th</sup> February 2011
75	S.Selvam, <b>M. Sundrarajan</b> , S.Ravikumar, Biological application of ZnO nanoparticles coated cotton fabric with ocimum tenuiflorum in National conference on nanotechnology: Application and its advantages in natural science in Manonmaniam Sundaranar University, Tirunelveli	09 <sup>th</sup> and 10 <sup>th</sup> February 2011
76	<b>M. Sundrarajan</b> , Participated in the National Workshop on Electroanalytical Techniques organized by Department of Industrial Chemistry, Alagappa University, Karaikudi	11 <sup>th</sup> and 13 <sup>th</sup> October 2010

77	<b>M. Sundrarajan</b> , R. Rajiv Gandhi, S.Selvam and J Suresh, Antibacterial and dyeing properties of chitosan treated cotton fabric with natural parijataka dye in National conference on Bio prospecting of marine Resources with Special Reference to marine Natural products and drug discovery Department of Oceanography and Coastal Area Studies , Alagappa University, Karaikudi	25 <sup>th</sup> and 27 <sup>th</sup> August 2010
78	R. Rajiv Gandhi and <b>M. Sundrarajan</b> , Effect of Dye Uptake On Silk Natural And Synthetic Mordents With Nyctanthes Arbor – Tristis, National Conference On Recent Advances In Textile And Electrochemical Sciences, Alagappa University, Karaikudi	4 <sup>th</sup> and 5 <sup>th</sup> December 2009
79	<b>M. Sundrarajan</b> , H. Gurumallesh prabu, S. K. Kannan and J. Raja beryl, Bleaching of With Different Bleaching Agents, National Conference On Recent Advances In Textile And Electrochemical Sciences, Alagappa University, Karaikudi	4 <sup>th</sup> and 5 <sup>th</sup> December 2009
80	S. Selvam, <b>M. Sundrarajan</b> and M. Muthulakshmi, Dyeing of Cotton With Dichlorotriazine Dyes Using Eco-Friendly Materials, National Conference On Recent Advances In Textile And Electrochemical Sciences, Alagappa University, Karaikudi	4 <sup>th</sup> and 5 <sup>th</sup> December 2009
81	<b>M. Sundrarajan</b> , H. Gurumallesh prabu S. Selvam and S. Vigneshwaran, National Conference On Recent Advances In Textile And Electrochemical Sciences, Alagappa University, Karaikudi	4 <sup>th</sup> and 5 <sup>th</sup> December 2009
82	J. Suresh and <b>M. Sundrarajan</b> , Effect of Dye Uptake Chitosan and Nano Chitosan Modified Organic Cotton, National Conference On Recent Advances In Textile And Electrochemical Sciences, Alagappa University, Karaikudi	4 <sup>th</sup> and 5 <sup>th</sup> December 2009
83	<b>M. Sundrarajan</b> B. Rajarajeshwari, A. Rukmani and G.K. Geethu, Dyeing of Cotton With Monochlorotriazine Dyes Using Bio-Salt, National Conference on Recent Advances In Textile And Electrochemical Sciences, Alagappa University, Karaikudi	4 <sup>th</sup> and 5 <sup>th</sup> December 2009
84	R. Balaji, <b>M. Sundrarajan</b> and S. Gowri, Dyeing of Organic Cotton Fabric With Reactive Dyes, National Conference on Recent Advances In Textile And Electrochemical Sciences, Alagappa University, Karaikudi	4 <sup>th</sup> and 5 <sup>th</sup> December 2009

85	S. Gowri, <b>M. Sundrarajan</b> and N. Mani, Studies On The Performance of Flooded Lead Acid Cells With Tubular Positive Plates, National Conference on Recent Advances In Textile And Electrochemical Sciences, Alagappa University, Karaikudi	4 <sup>th</sup> and 5 <sup>th</sup> December 2009
86	<b>M. Sundrarajan</b> , Participated in the Ninth conference on Science Forum organized by Alagappa University, Karaikudi	11 <sup>th</sup> and 13 <sup>th</sup> September 2009
87	<b>M. Sundrarajan</b> , H. Gurumullesh prabu and S. Selvam, Effect of Modification on Cellulose Using Biomaterial, UGC Sponsored National Conference in Recent Advances in Materials Science, Sree Sevugan Annamalai College, Devakottai	21 <sup>st</sup> and 22 <sup>nd</sup> August 2009
88	<b>M.Sundrarajan</b> , Participated in the National Workshop on Green Process Techniques for Industrial Application (GREPTIA – 2009) organized by Department of Industrial Chemistry, Alagappa University, Karaikudi	21 <sup>st</sup> and 22 <sup>nd</sup> March 2009
89	<b>M. Sundrarajan</b> , S. Vigneshwaran, S. Senthil and J. Raja Beryl, Detection of Organic Compounds From Moringa Olifera Using Gas Chromatography And Mass Spectroscopy, National Seminar in Recent Advances in Textile And Electrochemical Sciences, Alagappa University, Karaikudi	19-20 <sup>th</sup> December 2008
90	<b>M. Sundrarajan</b> , R. Balaji, K. Shanmuga priya, and A. Malairaju, Dyeing of Cotton With Reactive Low Salt Dyes, National Seminar in Recent Advances in Textile And Electrochemical Sciences, Alagappa University, Karaikudi	19-20 <sup>th</sup> December 2008
91	<b>M. Sundrarajan</b> , S. Kirthika, A. Seetha Lakshmi, R. Rajivgandhi and H. Gurumallesh prabu, Dyeing of Cotton And Silk Fabrics With Nyctanthes Arbor – Tristis, National Seminar in Recent Advances in Textile And Electrochemical Sciences, Alagappa University, Karaikudi	19-20 <sup>th</sup> December 2008
92	<b>M. Sundrarajan</b> , S. Selvam, P. Thamayanthi and M. Sridevi, Dyeing of Cotton With Hot Brand Reactive Dyes Using Eco-Friendly Salt, National Seminar in Recent Advances in Textile And Electrochemical Sciences, Alagappa University, Karaikudi	20 <sup>th</sup> December 2008

93	<b>M. Sundrarajan</b> , A. Rukmanai, S. Selvam and H. Gurumallesh prabu, Eco-Friendly Modification and Dyeing Behaviour of Cotton Fabric, National Seminar in Recent Advances in Textile And Electrochemical Sciences, Alagappa University, Karaikudi	20 <sup>th</sup> December 2008
94	<b>M. Sundrarajan</b> , Participated in the QIP Short Term Training programme on “Recent Advances in Environment, Safety and Energy Management organized by Department of Chemical Engineering, National Institute of Technology, Tiruchirappalli	6 -7 <sup>th</sup> January 2006
95	<b>M. Sundrarajan</b> presented paper in the “National level Biological Congress on Biotechnology – A Global Perspective” organized by Department of Biological Science, Muthayammal College of Arts and Science, Rasipuram	9 <sup>th</sup> February 2007
96	H.Gurumallesh Prabu and <b>M. Sundrarajan</b> , Comparative study on dyeing of cotton with natural dye in the National seminar on recent trends in materials science organized by Alagappa University, Karaikudi	3 <sup>rd</sup> May 1999
97	H.Gurumallesh prabu, P.Manisankar, G.Selvanathan, <b>M. Sundrarajan</b> and G.Narayan, Basic and arylamine form in banned dyes (a computer approach) in the National Seminar on Computational Chemistry (COMPSEM –99) organized by Sri.Vyassa N.S.S. College, Thrissur, Kerala	9-10 <sup>th</sup> March 1999
98	H.Gurumallesh prabu, R.D.Thiyagarajan and <b>M. Sundrarajan</b> , Study of effluent containing sea weeds in the Seminar on Modern methods of treatment of salinity in sea water & corrosion studies organized by Khadir.M.College, Adirampattinam	3-4 <sup>th</sup> March 1999
99	H.Gurumallesh prabu, AR.Kumar and <b>M. Sundrarajan</b> , Ultrasound application in dyeing of cotton with direct dye in the National Workshop on Physical Ultrasonics organized by St.Joseph College, Trichy	27 <sup>th</sup> February 1999

100	H.Gurumallesh Prabu, S.Ramamoorthy, <b>M. Sundrarajan</b> , R.Shanmuganathan and M.Vijayalakshmi, Studies on colour removal by fly ash in the National Seminar on emerging trends in electrochemical textile and polymer Industries organized by Alagappa University, Karaikudi	22-23 <sup>rd</sup> April 1996
101	H.Gurumallesh Prabu and <b>M. Sundrarajan</b> , Dye effluent treatment using burnt rice husk in the National Seminar on emerging trends in electrochemical textile and polymer Industries organized by Alagappa University, Karaikudi	22-23 <sup>rd</sup> April 1996
102	<b>M. Sundrarajan</b> , participated in the Symposium on Mathematical Application in Chemistry organized by Department of Industrial Chemistry, Alagappa University, Karaikudi	7 <sup>th</sup> April 1996

### Book Chapters Published

S.No.	Title	Author Name	Publisher	Year of Publication
1	Organic Chemistry -I (Reviewed)	Dr. M. Sundrarajan	Course materials for M.Sc DDE Program	2020
2	Organic Chemistry - III	Dr. M. Sundrarajan	Course materials for M.Sc DDE Program	2019
3	Organic Chemistry- 2 Units	Dr. M. Sundrarajan	Course materials for M.Sc DDE Program	2008
4	Applied chemistry - 2 Unit	Dr. M. Sundrarajan	Course materials for M.Sc DDE Program	2008
5	Instrumental Methods of Analysis - 5 Units	Dr. M. Sundrarajan	Course materials for M.Sc DDE Program	2008

### Resource persons in various capacities

National Conferences	:	3
International Conferences	:	5
Invited Lectures	:	3