

## CURRICULUM VITAE

**Dr. S. Moscow, M.Sc, M.Phil, Ph.D, MRSC**  
**Assistant Professor (Sr.Gr)**  
**Department of Chemistry**  
**UCE – BIT Campus, Tiruchirappalli 620 024**  
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### -Research Area:

- Photochemistry
- Materials Chemistry
- Environmental Chemistry

### ➤ Educational Qualifications:

| Qualification          | College/University | Year of completion | Percentage  | Class |
|------------------------|--------------------|--------------------|-------------|-------|
| Ph.D. (Photochemistry) | Anna University    | 2017               |             |       |
| M.Phil.                | Tamil University   | 2002               | Distinction | I     |
| PG (Chemistry)         | Chemistry          | 1997               | 62.45       | I     |
| UG (Chemistry)         | Chemistry          | 1994               | 65.30       | I     |

### Experience: (chronological order)

| Name of Company / Institutions | Designation of Post | From        | To         | Experience in Year |
|--------------------------------|---------------------|-------------|------------|--------------------|
| AVVM Sri Pushpam College       | Lecturer            | 02.11.1998  | 01.03.2000 | 1.5                |
| SASTRA University              | Assistant Professor | 01.10. 2007 | 10.10.2009 | 2.0                |
| Anna University-BIT Campus     | Assistant Professor | 13.10.2009  | Till date  | 14                 |

### ➤ Awards / Honours Received:

1. **Best paper award:** National Conference of Recants Advancements in Chemical Sciences (RACS 2015) by Department of Chemistry, The Gandhigram Rural Institute - Deemed University, Gandhigram

### ➤ Additional / Academic Responsibilities at University:

1. Deputy Warden
2. Class Adviser
3. Exam cell Co-coordinator
4. Ragging Committee member
5. Department audit committee
6. Department NBA Co-coordinator
7. University theory/practical Examiner,
8. Squad Member Anna University Examinations
9. AUR for Anna University Examinations

### ➤ Membership of Scientific and Professional Societies:

1. Member Royal Society of Chemistry (MRSC) London

2. SECAS

3. ISTE

➤ **Fellowships and Grants received:**

1. Junior Assistant (JA) –DST Govt. of India (2003)
2. Junior Research Fellowship (JRF)–DST. Govt. of India (2005)
3. Research Assistant (RA)- DST Govt. of India (2007)

➤ **Publications:**

**a. Books / book chapters:**

1. Dr. K. Jothivenkatachalam, A. Pandikumar, **S. Moscow** (2022) **Book** on ‘Heterojunction Photocatalytic Materials Advances and Applications in Energy and the Environment, Taylor & Francis, ISBN 9789814968027.
2. Dr. K. Jothivenkatachalam, **S. Moscow** (2021) **Chapter** on ‘Bismuth Vanadate based Nanostructured and Nanocomposite Photocatalyst Materials for Water Splitting Application in Book on ‘Advances in Nanostructured Composites, 18,376, CRC, ISBN: 9780367076313.
3. Dr. K. Jothivenkatachalam, **S. Moscow** (2018) **Editor**,– Special Issue on Advanced Oxidation Processes, Institute of Environmental Nanotechnology, ISSN:2279-0748.
4. Dr. K. Jothivenkatachalam, **S. Moscow** (2017) **Editor**, Proceedings of Advanced Oxidation Processes, ISBN: 978-93-87360-05-1, Jazym Publication.
5. Dr. K. Jothivenkatachalam, **S. Moscow** (2014) **Editor** Proceeding of ‘Advances in Applied Chemical Sciences and Materials Technology’ ISBN 978-93-81521-46-5, Jazym Publication.
6. Dr. K. Jothivenkatachalam, **S. Moscow** (2016) **Editor** Proceeding of ‘Research Advances in Materials Science and Applications’, ISBN:978-93-80622-14-9, Yazhini Publications.

**b. International Journals:**

1. **S. Moscow**, V. Kavinkumar, M. Sriramkumar, S. Kalaikathir, K. Jothivenkatachalam, Yen-Pei Fu, S. Anandan. (2022) ‘Synthesis of Sn and Zr-Doped BiVO<sub>4</sub> Nanocatalyst with Enhanced Photocatalytic and Photoelectrochemical Activity, Chemistry select 7,1-13, 10.1002/slct.202104000, (IF 2.37)
2. **S. Moscow**, V. Kavinkumar, M. Sriramkumar, K. Jothivenkatachalam, P. Saravanan, N. Rajamohan, Y. Vasseghi, M. Rajasimman, (2022) ‘Impact of Erbium (Er) and Yttrium (Y) doping on BiVO<sub>4</sub> crystal structure towards the enhancement of photoelectrochemical water splitting and photocatalytic performance; Chemosphere, 134343. 10.1016/j.chemosphere.2022.134343 (IF 8.943).
3. V. Kavinkumar, A. Verma, K. Uma, **S. Moscow**, K. Jothivenkatachalam and Y.P. Fu, (2021) Plasmonic metallic silver induced Bi<sub>2</sub>WO<sub>3</sub>/TiO<sub>2</sub> ternary junction towards the photocatalytic, electrochemical OER/HER, antibacterial and sensing applications, Appl. Surf. Sci., 569,150918, 10.1016/j.apsusc.2021.150918- (7.392).
4. **S. Moscow**, K. Jothivenkatachalam, (2016) Facile microwave assisted synthesis of floral-shaped BiVO<sub>4</sub> nano particles for their improved photocatalytic and photoelectrochemical performances, Jn. of Mater. Sci. Mater. Electr. 10.1007/s10854-015-3908-0 27, 1433-1443, (IF.2.799)
5. **S. Moscow** and K. Jothivenkatachalam, (2015) Synthesis of Zr-BiVO<sub>4</sub> heterostructure through the microwave heating method and its improved visible-light driven photocatalytic activity, Int. Jn. of Nano Corro. Sci. Engg. 2(5),108-115. ISSN: 2395-7018
6. **S. Moscow**, K. Jothivenkatachalam, (2015) Synthesis of BiVO<sub>4</sub> nanoparticles by additive

assisted microwave hydrothermal methods and its photocatalytic performance, J. Environ. Nanotechnol. 4, 31-35. doi.org/10.13074/jent.2015.12.154169, ISSN : 2279-0748.

7. **S. Moscow**, K. Jothivenkatachalam, (2015) Microwave routed hetero structural Erbium doped BiVO<sub>4</sub> with visible-light driven Photocatalytic Activity, In.Jn.Adv.Chem. Sci. Appl., 3,86-89, ISSN : 2347-7601.
8. **S. Moscow**, K. Jothivenkatachalam, K. Jaganathan, (2013) Facile Fabrication, Characterization of Bismuth Vanadate Nanoparticles Via Hydrothermal Method and Its Photocatalytic Properties, Nano Vision, 3,3,127-131. ISSN: 2231-2579/2319-7633.
9. Jothivenkatachalam. K and **S. Moscow** (2013) Validated method for estimation of curcumin from different varieties of curcuma longa, In.Jn.Pharma Bio Sci.,4,1,1004 – 1010. doi.org/10.22376/ijpbs, ISSN: 0975-6299.
10. **S. Moscow** and Jothivenkatachalam. K, (2012), Study on Mineral Content of Some Ayurvedic Indian medicinal plants, In.Jn.Pharma Sci.Res. 3,2, 294, ISSN: 0975-9492.
11. **S. Moscow**, Jothivenkatachalam K and Subramani P (2011), Agricultural activities impact on ground water of Cauvery River belt in Papanasam taluk, Tamilnadu, India. Der Chemica Sinica, 2,2,199–206. ISSN: 0976-8505. (IF.0.676)

➤ **List of Seminar / Short Term Course /FDP/ Workshop organized:**

1. **Coordinator (2023)** SERB, Workshop on “Advanced Composite Materials for Energy Conversion and Storage Applications” 16.02.2023-22.02.2023.
2. **Coordinator** – (2021) Online FDP On “Interdisciplinary Approach On Chemical & Physical Sciences” (IACPS’20) 26.07.2021-01.08.2021.
3. **Joint Secretary-** (2017) 3rd National Seminar on Advanced Oxidation Processes (AOP’17) 17.12.2017-19.12.2017.
4. **Coordinator** – (2016) TEQIP II-National Conference on “Research Advances in Materials Science and Applications” (RAMSA’16) 19.08.2016 & 20.08.2016.
5. **Co-Coordinator** – (2014) TEQIP II-National Conference on Advances in Applied Chemical Sciences and Materials Chemistry (ACSMT2014) during 17.10.2014 & 18.10.2014.
6. **Co-Coordinator** – (2013) TEQIP II-National Conference on Modern Trends in Chemistry 17.12.2013 & 18.12.2013.
7. **Co-Convener** – (2013) Royal Society of Chemistry (RSC),-Workshop On “Photocatalysis For Sustainability: Fundamentals And Applications” (PHOCATS-2013) on 09.10.2013

➤ **List of Seminar / Short Term Course /FDP/ Workshop attended:**

1. Ministry of Education, PMMMNMTT, Ramanujan College, University of Delhi, Induction Programme for Faculty in Higher Education from 23.05.23-21.06.23 (04 weeks).
2. AICTE – SIP- FDP “Inculcating Universal Human Values in Technical Education” from 14 .03. 2022 to 18.03.2022. (05 days).
3. AICTE-ATAL, FDP on “Smart Materials for Energy and Environment- An Experimental and theoretical Perspectives” by UCE, Villupuram. 26.07.2021-30.07.2021. (05 days)
4. AICTE-ATAL,FDP on "Strategies and Outcomes to Enhance sustainable Green Environment" by UCE- BIT campus, Tiruchirappalli-19.07.2021-23.07.2021. (05 days)
5. Course on Basic Concepts & Applications of Electrochemistry, by Department of Chemistry, Government Arts College, Kumbakonam during 21.05.2020 – 22.05.2020. (02 days)

6. MHRD-National Programme on Technology Enhanced Learning (NPTEL) on Waste to Energy Conversion—conducted by IIT Roorkee, Jan-Apr, 2020 (08 weeks) 97% score
7. Course on ‘ Basic Principles of Spectroscopy’ organized by Department of Chemistry, AVS College of Arts & Sciences, Salem during 17.04.2020 – 19.04.2020. (03 days)
8. TEQIP-III(FDP) on ‘Frontiers in Physics Research” by Dept of Physics, Govt.College of Engg. Burgur, Krishnagiri-10.08.2020-14.08.2020. (05 days)
9. TEQIP-III (FDP) on ‘Challenges and Opportunities in Recent Emerging Technologies” by SGGGS Inst.Engg.Tech. Nanded, Maharashtra. 06.07.2020-10.07.2020. (07 days)
10. Industrial Training on ‘Basic Science and Communication’ by Bharat Sanchar Nigam Limited, (BSNL) Chennai- 08.06.2020 – 26.06.2020 (03 weeks)
11. FDP on ‘Nanocomposite and Nano Materials & its characterization” Vimal Jyothi Engg. College. Kannur, Kerala, 11.07.2019-24.07.2019. (02 weeks)
12. UGC-HRDC -Refresher Course by, Bharathiar University, Coimbatore, 04.07.2018 -24.07.2018. (03 weeks)
13. TEQIP-II-National Seminar on Recent Advancement in Materials Science (NSRAM’17) by UCE- BIT Campus -24.03.2017-25.03.2017. (02 days)
14. TEQIP-II FDP on ‘Recent Advancements in Materials (FDP-RAM 2016)”by Dept.of Physics, UCE-BIT campus, Tiruchirappalli-11.07.2016-24.07.2016. (14 days)
15. TEQIP-II & CII- FDP by Department of Chemistry, UCE-BIT campus, Tiruchirappalli on 01.03.2016 (01 day)
16. TEQIP II Short term course on Recent Initiatives on Energy and Environmental Research National Institute of Technology, Tiruchirappalli, on16.02.2016. (01 day)
17. TEQIP-II-FDP on ‘Frontiers Research in Applied Sciences” by Department of Chemistry, UCE-BIT campus, Tiruchirappalli 03.06.2015-16.06.2015. (14 days)
18. ISTE -workshop on Effective Teaching & Learning Pedagogy by ISTE, Trivandrum, Kerala during 05-02-14 to 07-02-14. (03 days)
19. Workshop on Advances in Nanotechnology: Fabrication, Processing and Application, by School of Physics, Bharathidasan University, Tiruchirappalli during 28.02.2014-01.03.2014 (02 days).
20. Science Academies (IASc, INSA, NASI)- Workshop on Recent Advances in Materials Chemistry, UCE-BIT campus, Tiruchirappalli 07.03.2014-08.03.2014. (02 days)
21. UGC -Orientation Programme by Academic Staff College (ASC), Madurai Kamaraj University, Madurai during 05.11.2013- 02.12.2013. (04 weeks))
22. Workshop on Photocatalysis for Sustainability: Fundamentals and Application by Royal Society of Chemistry-South India, UCE-BIT campus, Tiruchirappalli on 09.10.2013 (01 day)
23. TEQIP II FDP on Current Developments in Life Sciences: An Interdisciplinary Approach, Dept. of Pharmaceutical, UCE-BIT campus, Tiruchirappalli -19-08-2013 to 25-08-2013. (07 days)
24. Colloquium on Nanofabrication Technologies -Indian Nanoelectronics user Program (INUP), IIT-Bombay Dept. of Physics,UCE-BIT campus, Tiruchirappalli 25.03.2013-26.03.2013 (02 days)
25. Science Academies lecture workshop on Challenges in Environmental Restoration (SAWCER2012)by Dept. of Environmental Biotechnology, Bharathidasan University, Tiruchirappalli -05.03.2012 & 06.03.2012. (02 days)
26. UGC-State Level Seminar (2011) on “NMR Applications and Energy Materials” by Dept. of Chemistry, Rajah Serfoji Government College , Thanjavur, on 21.02.11. (01 day)

27. National Seminar on Societal Implications of Nanoscience and Technology by Dept. of Physics, UCE-BIT campus, Tiruchirappalli on 23.12.2010. (01 day)
28. Science Academies lecture workshop on Spectroscopy organized by Dept. of Chemistry, National Institute of Technology, Tiruchirappalli-03.12.2010-04.12.2010. (02 days)
29. Workshop on Frontiers in Catalysis Research- by Royal Society of Chemistry-India International section, by Dept. of Chemistry, National College, Tiruchirappalli on 01.10.2010. (01 day)

➤ **National / International Conferences organized / Participated:**

1. **S. Moscow**, V. Kavinkumar, M. Sriramkumar, and K. Jothivenkatachalam, (2020) Surface Plasmon Resonance effect of Pd and Ag incorporated in BiVO<sub>4</sub> with enhanced Photoelectrochemical Performance, Second International Conference on ‘Advanced Materials Chemistry at the Interfaces of Energy, Environment and Medicine (AMCI-2020), Dept of chemistry, Manonmaniam Sundaranar University, Tirunelveli, January 30-31, 2020.
2. **S. Moscow** and K. Jothivenkatachalam, (2019) Synthesis, Characterization and photoelectrochemical activity of Pd/Ag doped BiVO<sub>4</sub> heterostructured nanocatalyst, International Conference on Advanced Materials for Sustainable Energy and Sensor application (INCAMSES 2019) organized by Department of Physics, Alagappa University, Karaikudi from September 16<sup>th</sup> to 17<sup>th</sup> 2019.
3. **S. Moscow** and K. Jothivenkatachalam, (2018) The Effect of Metals (Sn and Zr) Over BiVO<sub>4</sub> Nanocatalyst in Enhancing Visible Light-Driven Photocatalytic oxidation of Azo Dyes and Gaseous Acetaldehyde, International Conference (2018) on Water : From Pollution to Purification (ICW2018), organized by Advanced Centre for Environmental Studies and Sustainable Development (ACESSD) & School of Environmental Sciences, Mahatma Gandhi University, Kottayam, Kerala, during 07.12.2018-10.12.2018.
4. **S. Moscow** and K. Jothivenkatachalam, (2018) Microwave routed hetero structural Erbium doped BiVO<sub>4</sub> with visible-light driven Photocatalytic Activity International Conference on Frontier in Applied Materials and Applications organized by Department of Chemistry, Bishop Heber College, Trichy, on 09.01.2018.
5. **S. Moscow**, M. Sriramkumar and K. Jothivenkatachalam, (2018) Rare metal (Er and Y) doped monoclinic tetragonal BiVO<sub>4</sub> nanocatalyst with enhanced photoelectrochemical performance, International Conference on Sustainable Energy Technologies (i-SET 2018 ) organized by Bharathidasan University, Tiruchirappalli from June 26 – 27, 2018.
6. **S. Moscow** and K. Jothivenkatachalam (2017) Visible light driven Photocatalytic and Photoelectrochemical water splitting activity of mono-doped (Sn, Zr) a BiVO<sub>4</sub> heterophase nanocatalyst, International Conference on Renewable Energy Science and Technology (ICREST - 2017) organized by **Alagappa university**, Karaikudi from March 10-12, 2017.
7. **S. Moscow** and K. Jothivenkatachalam (2017) TEQIP II Sponsored International Conference on Advances in Biological, Chemical and Physical Sciences (ABCPS’2017) organized by the Department of Biotechnology, Chemistry and Physics, Anna University-BIT Campus, Tiruchirappalli, during 13.03.2017-15.03.2017.
8. **S. Moscow** and K. Jothivenkatachalam, (2017) Microwave routed yttrium doped BiVO<sub>4</sub> heterostructured nano catalyst with visible light driven photoelectrochemical activity, presented in International Conference on Photochemistry and its Applications (ICPA2017), organized by school of Environmental Sciences, Mahatma Gandhi University, Kottayam, Kerala, 10.11.2017-13.12.2017.

9. **S. Moscow** and K. Jothivenkatachalam, (2016) Rapid synthesis of microsphere  $\text{ms-BiVO}_4$  by microwave and investigation of their visible light driven photocatalytic and photoelectrochemical performance presented in Fourth International Conference on Advanced Oxidation Processes (AOP2016) organized by Department of Chemistry, BITS Pilani, K.K Birla Goa Campus, Goa, during 17.12.2016-20.12.2016.
10. **S. Moscow** and K. Jothivenkatachalam, (2016) Recent developments in chemistry (RDC2016) organized by Department of Physical Chemistry, School of Chemistry, Madurai Kamaraj University, Madurai, on 04.06.2016. (participated)
11. **S. Moscow**, K. Rokesh, S. Karuppuchamy and K. Jothivenkatachalam, (2016) An efficient utilization of solar energy by zinc oxide-silver oxide nanocomposites materials for photocatalytic degradation of Rhodamine B, Recent developments in chemistry (RDC2016) organized by Department of Physical Chemistry, School of Chemistry, Madurai Kamaraj University, Madurai, on 04.06.2016.
12. **S. Moscow** and K. Jothivenkatachalam, (2015) Synthesis of Zr- $\text{BiVO}_4$  heterostructure through the non-thermal heating method and its improved visible-light driven photocatalytic activity presented in International Conference on Chemicals and Environmental Research (ICCER 2015) organized by PG and Research Department of Chemistry, Jamal Mohamed College, Tiruchirappalli from December 17<sup>th</sup>, 2015.
13. **S. Moscow** and K. Jothivenkatachalam, (2015) Synthesis of visible-light driven heterostructure Y- $\text{BiVO}_4$  via microwave method: Its improved photocatalytic activity, paper presented in International Conference on Recent Advances in Materials and Chemical Sciences (ICRAMCS-2015) organized by Department of Chemistry, Gandhigram Rural Institute - Deemed University, Dindugul, Tamil Nadu from December 14-15, 2015.
14. **S. Moscow** and K. Jothivenkatachalam, (2015) Microwave-assisted synthesis of Pd- $\text{BiVO}_4$  nanophotocatalyst and its efficient visible light sensitive photocatalytic performance, paper presented in International Conference on Nanomaterials for Energy, Environment, Catalysis and Sensors (ICNEECS - 15) organized by School of Chemistry, Madurai Kamaraj University, Madurai from December 11-12, 2015.
15. **S. Moscow** and K. Jothivenkatachalam, (2015) Microwave routed hetero structural Erbium doped  $\text{BiVO}_4$  with visible-light driven Photocatalytic Activity, 2<sup>nd</sup> national conference on new renaissance in chemical research organized by SRM University, Chennai from August 28 & 29, 2015.
16. **S. Moscow** and K. Jothivenkatachalam, (2015) Enhanced Visible-light Photocatalytic Activity of Sn- $\text{BiVO}_4$  Heterojunction Hierarchical Microspheres by microwave Hydrothermal Method, 10<sup>th</sup> Mid-Year CRSI- Symposium in Chemistry organized by NIT, Trichy from July 23 to 25, 2015.
17. **S. Moscow**, K. Jothivenkatachalam, (2015) Facile synthesis, characterization of  $\text{BiVO}_4$  microsphere via microwave assisted strategy and its photocatalytic properties, National Conference on Recent Advancement in Chemical sciences (RACS 2015) organized by Department of Chemistry, The Gandhigram Rural Institute - Deemed University, Gandhigram during 05.03.2015–06.03.2015.
18. **S. Moscow**, K. Jothivenkatachalam, (2015) Pd-  $\text{BiVO}_4$  nanocatalyst: Synthesis , characterization and their applications, Recent advances on Luminescent materials (RALM-2015), organized by Department of Chemistry Annamalai University, during January 23.01.2015 -24.01.2015.
19. **S. Moscow** and K. Jothivenkatachalam, (2014) Zr- $\text{BiVO}_4$  nanocatalyst: synthesis, characterization and application, 3<sup>rd</sup> International Conference on Advanced Oxidation Processes, organized by SECAS & MG University, Kottayam held at Munnar, Kerala from Sept 25-28, 2014,
20. **S. Moscow**, K. Rokesh and K. Jothivenkatachalam, (2014) The Preparation of Pd- $\text{BiVO}_4$  Metal

Composite Oxides and its Application in Efficient Photocatalytic Oxidative Composition Organic Contaminants, International Conference on Chemistry and Materials (ICCM 2014) organized by Department of Chemistry, Anna University-BIT Campus, Tiruchirappalli from November 14 & 15, **2014**.

21. **S. Moscow** and K. Jothivenkatachalam, S. Chandra Mohan, A. Nithya, K. Rokesh and K. Geetha, (2014) The preparation, Characterization and Application on Organic Pollutant Degradation under Visible Light Irradiation, paper presented in National Conference on Advances in Applied Chemical Sciences and Materials Chemistry (ACSMT2014) organized by Department of Chemistry, Anna University-BIT Campus, Tiruchirappalli from October 17& 18, **2014**.
22. **S. Moscow** and K. Jothivenkatachalam, (2014) Synthesis of BiVO<sub>4</sub> nanoparticles by additive assisted microwave hydrothermal methods and its photocatalytic performance, paper presented in International conference on Chemical and Environmental Research (ICCER 2014) organized by Jamal Mohamed College, Tiruchirappalli during March 11 & 12, **2014**.
23. **S. Moscow** and K. Jothivenkatachalam, (2014) Synergistic Effect of bismuth precursor co-loading metals on Nanocrystalline visible light driven BiVO<sub>4</sub> Photocatalyst, paper presented in International conference on Chemistry in synergy with Materials Biology (ICMB 2014) organized by Bishop Heber College Tiruchirappalli from January 10 & 11, **2014**.
24. **S. Moscow**, K. Rokesh and K. Jothivenkatachalam, (2013) Microwave assisted synthesis of Bi<sub>2</sub>WO<sub>6</sub> and BiVO<sub>4</sub> nanoparticles for efficient photocatalytic degradation of Rhodamine B under visible light irradiation, paper presented in First National Conference on Advanced Oxidation Processes organized by SECAS & Thapar University held at Patiala from November 21-23, **2013**.
25. **S. Moscow** and K. Jothivenkatachalam, (2013) Facile fabrication, Characterization of Bismuth vanadate nanoparticles via hydrothermal method and its photocatalytic properties, paper presented in First National Conference on Thin Film Science and Nanotechnology organized by Rajah Serfoji College, Thanjavur from September 2 & 3, **2013**.
26. **S. Moscow** and K. Jothivenkatachalam, (2013) Preparation of Visible Light Driven (VLD) photocatalyst Bi<sub>2</sub>WO<sub>6</sub> via hydrothermal method and its activity sponsored by CSIR, UGC & DAE Delhi. National conference on Recent Advances in Surface Science (RASS 2013) held at Gandhigram Rural University, Dindigul from February 14 & 15, **2013**.
27. **S. Moscow** and K. Jothivenkatachalam, (2012) Photocatalytic property of Bi<sub>2</sub>WO<sub>6</sub> catalysts synthesized via hydrothermal processes under visible light irradiation, paper presented in CSIR & BRNS Sponsored National Conference on Recent Applications of Nanomaterials in Chemistry and Environmental Research (RANCER 2012) held at Kongu Engineering College, Erode from July 20 & 21, **2012**.
28. S. Chandra Mohan, **S. Moscow** and K. Jothivenkatachalam, (2011) Photolysis of unsaturated carboxylic acid complexes of Cobalt (III) in aqueous solution: Analysis of products and Mechanistic details, paper presented in 3<sup>rd</sup> Asian Conference on Coordination Chemistry (ACCC-3, 2011) organized by IIT Kanpur and IIT Delhi, New Delhi from October 17 – 20, **2011**.
29. **S. Moscow** and K. Jothivenkatachalam, (2010) Study on Removal of Organic Pollutants from Waste Water Using Modified TiO<sub>2</sub> Catalyst, International Symposium on Trace Organic Pollutants in the Environment (ISOTOPE 10) held at Bharathidasan University, Tiruchirappalli from January 23<sup>rd</sup>, **2010**.

➤ **Professional recognitions:** (details like chairperson/member of a committee, reviewer, editor ...etc)

1. Journal of Chemosphere

2. Journal of Porous Materials
3. Journal of Cluster Materials
4. Journal of Inorganic and organometallic Polymers and Materials

**(A) Chairperson for conferences / Seminar / Technical symposia:**

- Invited talk / Session Chair - International Conference on Advanced Materials Chemistry at the interfaces of Energy, Environment and Medicine (AMCI 2020) to be held during 30-31 Jan 2020. Manonmaniam Sundaranar University, Tirunelveli.
- Invited Talk- International Conference on Photochemistry and its Applications (ICPA2017), held at Mahatma Gandhi University, Kottayam, Kerala, November 10-13, 2017.

**(B) Guest lectures delivered:**

- Chief Guest – National Science Day Celebration, organized Department of Science and Humanities held at MAM school of Engineering on February 28, 2015

**DECLARATION:**

I certify that the information furnished above is correct and true to the best of my knowledge and belief.

**Signature of the staff member**

**Head of the Department**

**Dean**