

## CURRICULUM VITAE

**K. NEHRU**

**Assistant Professor**

**Department of Chemistry**

**UCE – BIT Campus, Tiruchirappalli 620 024**

**Contact no: 9487366871**

**Mail. ID: knehru@aubit.edu.in**

**<http://scholar.google.co.in/citations?user=RaLDePgAAAAJ&hl=en>**



➤ **Research Area:**

- Bioorganic Chemistry
- Nano Chemistry
- Biomimetic Catalysis

➤ **Educational Qualifications:**

<b>Qualification</b>	<b>College/University</b>	<b>Year of completion</b>	<b>Percentage</b>	<b>Class</b>
Ph.D. Chemistry	Madurai Kamaraj University	2000		
M.Sc. Chemistry	Madurai Kamaraj University	1993	69.2%	I
B.Sc. Chemistry	Madurai Kamaraj University	1991	81.1%	I

**Experience:** (chronological order)

<b>Name of Company / Institutions</b>	<b>Designation of Post</b>	<b>From</b>	<b>To</b>	<b>Experience in Year</b>
UCE-BIT Campus, Anna University, Tiruchirappalli	Assistant Professor (Sl. Gr.)	15-09-2013	Till Date	10 Yrs
UCE-BIT Campus, Anna University, Tiruchirappalli	Assistant Professor	15-09-2009	14-09-2013	4 Yrs
Anna University, Tiruchirappalli	Lecturer	08-02-2008	14-09-2009	1 Yrs 7 M
<b>Center for Biomimetic Systems</b> , Department of Chemistry, Ewha Womans University, Seoul, South Korea	Post Doctoral Researcher	16-01-2005	15-01-2008	3 Yrs
<b>Chirotechnology and</b>	Post Doctoral	16-01-2003	15-01-2005	2 Yrs

<b>Nanobiocatalysis Lab</b> , Department of Chemistry, Division of Molecular and Life Sciences, Pohang University of Science and Technology (POSTECH), Pohang, South Korea	Researcher			
<b>Biomimetic Lab</b> , Department of Chemistry and Center for Chemical Dynamics, Inha University, Incheon, South Korea	Post Doctoral Research Fellow	01-07-2001	31-08-2002	1 Yr 2 M

➤ **Awards / Honours Received:**

1. IASc-INSA-NASI Summer Research Fellowship in 2010
2. KOSEF awarded by MHRD Korea through Creative Research Initiative (CRI) from Jan 2005 to Jan 2008
3. KOSEF awarded by MHRD Korea through National Research Laboratory (NRL) from Jan 2003 to Jan 2005
4. Postdoctoral Visiting Fellowship from University of Geneva, Switzerland, Oct 2002
5. BK21 Postdoctoral Fellowship awarded by Korea from Jul 2001 to Aug 2002
6. Extended SRF awarded by CSIR, India from Jan 2001 to Jun 2001
7. SRF awarded by DST, India from Sep 2000 to Dec 2000
8. JRF/SRF awarded by UGC, India from Jan 1994 to Jan 1999
9. University VI Rank holder in M.Sc. Program

➤ **Additional / Academic Responsibilities at University:**

1. Coordinator R&D, BIT Campus, Anna University, Chennai (2012 - till date)
2. Member in various purchase committees, JRF Selection Committees
3. Member, UGC-MRP Scrutinizing Committee, BIT Campus, Anna University, Chennai (2013-14)
4. Nodal Officer Academics, TEQIP, BIT Campus, Anna University, Chennai (2013-2016)
5. Member, Anna University of Technology, Tiruchirappalli Research Board

➤ **Completed PG/UG Projects:**

- a. Number of PG Projects Completed: 12 Nos

➤ **Research Guidance (M.S/Ph.D.) (Completed):**

Sl. No	Name of the scholar	Title of the thesis	Year of registration	Date of viva voce
1.	Percy J Sephra	METAL OXIDE ANCHORED GRAPHENE FOR ENERGY AND ENVIRONMENTAL APPLICATIONS	2014	05-02-2019

➤ **Research Guidance (M.S/Ph.D.) (Ongoing):**

Sl. No	Name of the scholar	Tentative Title of the thesis	Year of registration	Status
1.				

➤ **Publications:**

**a. Books / book chapters:**

1. Ajay Piriya, V.S.; T.Daniel Thangadurai, T.; **Nehru, K.**; Sivakumar, M. Synthesis and Pseudocapacitive Properties of Hybrid Polyaniline-Mn<sub>3</sub>O<sub>4</sub> Nanocomposites, Ed. Rajendran, V.; Saminathan, K.; Geckeler, K.E. Advanced Nanomaterials: Synthesis and Applications, pp. 73-76, December 2015.
2. Siva, C.; **Nehru, K.**; Sivakumar, M. Self Assembling of Nanostructures, Chapter 12, Nanostructure, Nanosystems and Nanostructured Materials: Theory, Production and Development, Ed. Sivakumar, P.M.; Kodolov, V.I.; Zaikov, G.E.; Haghi, A.K. Apple Academic Press Inc. and CRC Press, Taylor & Francis Group, pp. 437-460, August 2013. Print ISBN: 9781926895499
3. Baraneedharan, P.; Siva, C.; **Nehru, K.**; Sivakumar, M. Recent Advances in SnO<sub>2</sub> Based Photo Anode Materials for Third Generation Photovoltaics, Chapter 2, Potential Development in Dye-Sensitized Solar Cells for Renewable Energy, Ed. Pandikumar, A.; Jothilakshmi, R. Materials Science Forum 771, Trans Tech Publications Inc. Switzerland, pp.25-38, 2014. Print ISBN:9783037859094

4. Venkateswaran, S.; Daniel, S.C.G.K.; **Nehru, K.**; Sivakumar, M. Effects of Oxide Nanoparticles on Diesel-Ethanol Blend in CI Engine, Applications of Nano Materials: Electronics, Energy and Environment, Ed. Rajendran, V.; Yuvakkumar, R.; Thyagarajah, K.; Geckeler, K.E. Bloomsbury Publishing India Pvt. Ltd. Pp. 209-214, 2012. Print ISBN: 978-93-82563-35-8
5. Baraneedharan, P.; Siva, C.; **Nehru, K.**; Sivakumar, M. Effect of Transition Metal Doping on Structural, Optical and Electrical Studies of SnO<sub>2</sub> Nanoparticles Applications of Nano Materials: Electronics, Energy and Environment, Ed. Rajendran, V.; Yuvakkumar, R.; Thyagarajah, K.; Geckeler, K.E. Bloomsbury Publishing India Pvt. Ltd. Pp. 215-220, 2012. Print ISBN: 978-93-82563-35-8

**b. International Journals:**

1. Manjubaashini, N; Thangadurai, T.D; Nehru, K. Topical Progress of Gold Nanoparticles towards Diverse Metal ion sensing through Optical Spectrometry and Electrochemical techniques–A Short Review, *J. Mat. Res. Tech.*, 2023, 22, 1185-1209.  
<https://doi.org/10.1016/j.jmrt.2022.11.182> **IF: 6.267**
2. Mohanasundaram, D.; Bhaskar, R.; Lenin, N.; **Nehru, K.**; Rajagopal, G.; Vinoth Kumar, G. G.; Rajesh, J. A simple triphenylamine based turn-off fluorescent sensor for copper (II) ion detection in semi-aqueous solutions, *J. Photochem. Photobio. A: Chemistry*, **2022**, 427, 113850.  
<https://doi.org/10.1016/j.jphotochem.2022.113850> **IF: 5.141**
3. Mohanasundaram, D.; Bhaskar, R.; Sankarganesh, M.; **Nehru, K.**; Vinoth Kumar, G. G.; Rajesh, J. A simple pyridine based fluorescent chemosensor for selective detection of copper ion, *Spectrochim. Acta Part A: Mol. Biomol. Spectrosc.*, **2022**, 265, 120395.  
<https://doi.org/10.1016/j.saa.2021.120395> **IF: 4.831**

4. Eldesoky, G.E.; Baraneedharan, P.; Reddy, B.M.; Yahya, A.E.M.; Alfakeer, M.; Thangadurai, T.D.; **Nehru, K.**; Sephra, P.J. Fe<sub>2</sub>O<sub>3</sub>/graphene nanocomposites as heterogeneous Fenton catalysts: Correlation studies on catalyst dosage, graphene loading and adsorption kinetics on methylene blue degradation, *MRS Commun.* **2021**, *11*, 943-949.

<https://doi.org/10.1557/s43579-021-00116-x>

**IF: 2.935**

5. Shankar, M.; Thirupugalmani, K.; **Nehru, K.**; Athimoolam, S.; Tamilmani, V.; Vetha Potheher, I. 2-Methyl-4-Nitroaniline Derived Novel Organic NLO crystal: Experimental and Theoretical Analysis, *J. Mol. Struc.* **2021**, *1243(5)*, 130905.

<https://doi.org/10.1016/j.molstruc.2021.130905>

**IF: 3.841**

6. Pavithra, V.R.; Thangadurai, T.D.; **Nehru, K.**; Lee, Y.I.; Nataraj, D.; Thomas, S.; Kalarikkal, N.; Jose, J. Surface and morphology analyses, and voltammetry studies for electrochemical determination of cerium (III) using a graphene nanobud-modified-carbon felt electrode in acidic buffer solution (pH 4.0±0.05), *RSC Advances*, **2020**, *10*, 37409-37418.

<https://doi.org/10.1039/D0RA07555H>

**IF: 4.036**

7. Sephra, P.J.; Baraneedharan, P.; Sivakumar, M.; Thangadurai, T.D.; **Nehru, K.** Ionic liquid functionalized manganese oxide on solar exfoliated graphene as supercapacitor electrode, *Nano-Structures & Nano-Objects* **2019**, *19*, 100360

<https://doi.org/10.1016/j.nanoso.2019.100360>

**IF: 0.807**

8. Manjubaashini, N; Sephra, P.J.; **Nehru, K.**; Sivakumar, M.; Thangadurai, T.D. Electrochemical determination of ATP at rhodamine6G capped gold nanoparticles modified carbon felt electrode at pH 7.2, *Sensors and Actuators B: Chemical* **2019**, *281*, 1054-1062

<https://doi.org/10.1016/j.snb.2018.10.149>

**IF: 6.393**

9. Sephra, P.J.; Baraneedharan, P.; Sivakumar, M.; Thangadurai, T.D.; **Nehru, K.** CuO/SiO<sub>2</sub> modified amine functionalized reduced graphene oxide with enhanced photocatalytic and electrochemical properties, *SN Applied Sciences* **2019**, 1, 73  
<https://doi.org/10.1007/s42452-018-0074-z>
10. Sephra, P.J.; Baraneedharan, P.; Sivakumar, M.; Thangadurai, T.D.; Nehru, K. Size controlled synthesis of SnO<sub>2</sub> and its electrostatic self- assembly over reduced graphene oxide for Photocatalyst and Supercapacitor application, *Mat. Res. Bull.* **2018**, 106, 103-112  
<https://doi.org/10.1016/j.materresbull.2018.05.038> **IF: 3.355**
11. Sephra, P.J.; Baraneedharan, P.; Sivakumar, M.; Thangadurai, T.D.; **Nehru, K.** In situ growth of hexagonal-shaped  $\alpha$ -Fe<sub>2</sub>O<sub>3</sub> nanostructures over few layered graphene by hydrothermal method and their electrochemical performance *J. Mat. Sci.: Materials in Electronics* **2018**, 29, 6898-6908  
<https://doi.org/10.1007/s10854-018-8676-1> **IF: 2.195**
12. Vijayabala, V.; Senthilkumar, N.; **Nehru, K.**; Karvembu, R. Hydrothermal synthesis and characterization of ruthenium oxide nanosheets using polymer additive for supercapacitor applications *J. Mat. Sci.: Materials in Electronics* **2017**, 29, 323-330  
[doi.org/10.1007/s10854-017-7919-x](https://doi.org/10.1007/s10854-017-7919-x) **IF: 2.195**
13. Sephra, P.J.; Baraneedharan, P.; Siva C.; Sivakumar, M.; **Nehru, K.** Microwave assisted synthesis of Sn<sub>(1-x)</sub>Co<sub>x</sub>O<sub>2</sub> nanoparticles: effect of impurity phase formation on structural, optical and electrochemical properties, *J. Mat. Sci.: Materials in Electronics* **2016**, 27, 11401-11409  
[DOI: 10.1007/s10854-016-5266-y](https://doi.org/10.1007/s10854-016-5266-y) **IF: 2.195**

14. Siva, C.; Baraneedharan, P.; **Nehru, K.**; Sivakumar, M. ZnO/Ag heterostructures embedded in Fe<sub>3</sub>O<sub>4</sub> nanoparticles for magnetically recoverable photocatalysis, *J. Alloys and Compounds* **2015**, 665, 404-410.  
[DOI:10.1016/j.jallcom.2015.11.011](https://doi.org/10.1016/j.jallcom.2015.11.011) **IF: 3.779**
15. Thirupugalmani, K.; Karthick, S.; Shanmugam, G.; Kannan, V.; Sridhar, B.; **Nehru, K.**; Brahadeeswaran, S. Second-and third-order nonlinear optical and quantum chemical studies on 2-amino-4-picolinium-nitrophenolate-nitrophenol: A phase matchable organic single crystal, *Optical Materials* **2015**, 49, 158-170  
[DOI:10.1016/j.optmat.2015.09.014](https://doi.org/10.1016/j.optmat.2015.09.014) **IF: 2.687**
16. Kiruba Daniel, S.C.G.; Banu, B. N.; Harshiny, M.; **Nehru, K.**; Sankar Ganesh, P. S.; Kumaran, S.; Sivakumar, M. *Ipomeacarpa* - based Silver Nanoparticle Synthesis for Antibacterial Activity Against Selected Human Pathogens, *J. Exp. Nanosci.* **2014**, 9, 197-209  
[DOI:10.1080/17458080.2011.654274](https://doi.org/10.1080/17458080.2011.654274) **IF: 2.482**
17. Baraneedharan, P.; Siva, C.; Saranya, A.; Jayavel, R.; **Nehru, K.**; Sivakumar, M. Dual emissive Sn<sub>(1-2x)</sub>Cu<sub>x</sub>Co<sub>x</sub>O<sub>2</sub> nanostructures-A correlation study of doping concentration on structural, optical and electrical properties, *Superlattices and Microstructures* **2014**, 68, 66-75.  
<http://dx.doi.org/10.1016/j.spmi.2013.12.029> **IF: 2.385**
18. Siva, C.; Ramya, R.; Baraneedharan, P.; **Nehru, K.**; Sivakumar, M. Fabrication, physiochemical and optoelectronic characterization of SiO<sub>2</sub>/CdS core-shell nanostructures *J. Mat. Sci.: Materials in Electronics* **2014**, 25, 1202-1208.  
[DOI:10.1007/s10854-014-1710-z](https://doi.org/10.1007/s10854-014-1710-z) **IF: 2.195**

19. Baraneedharan, P.; Siva, C.; **Nehru, K.**; Sivakumar, M. Investigations on structural, optical and electrochemical properties of blue luminescence SnO<sub>2</sub> nanoparticles, *J. Mat. Sci.: Materials in Electronics* **2014**, *25*, 255-261.  
[DOI:10.1007/s10854-013-1580-9](https://doi.org/10.1007/s10854-013-1580-9) **IF: 2.195**
20. Shanmugam, G.; Belsley, M.S.; Isakov, D.; de Matos Gomes, E.; **Nehru, K.**; Brahadeeswaran, S. Spectroscopic, Nonlinear Optical and Quantum Chemical Studies on Pyrrolidinium p-Hydroxy-benzoate-a Phase Matchable Organic NLO Crystal, *Spectrochim. Acta Mol. Biomol. Spectrosc.* **2013**, *114*, 284-292.  
<http://dx.doi.org/10.1016/j.saa.2013.05.070> **IF: 2.931**
21. Mathan Kumar, S.; Dhahagani, K.; Rajesh, J.; **Nehru, K.**; Annaraj, J.; Chakkaravarthi, G.; Rajagopal, G. Synthesis, characterization, structural analysis and DNA binding studies of Nickel (II)triphenyl- phosphine complex of ONS donor ligand-Multisubstituted thiosemicarbazone as highly selective sensor for fluoride ion, *Polyhedron* **2013**, *59*, 58-68  
[DOI:dx.doi.org/10.1016/j.poly.2013.04.048](https://doi.org/10.1016/j.poly.2013.04.048) **IF: 2.284**
22. Daniel, S.C.G.; Mahalakshmi, N.; Sandhiya, J.; **Nehru, K.**; Sivakumar, M. Rapid synthesis of Ag nanoparticles using Henna extract for the fabrication of Photoabsorption Enhanced Dye Sensitized Solar Cell (PE-DSSC), *Adv. Mat. Res.* **2013**, *678*, 349-360.  
[DOI:10.4028/www.scientific.net/AMR.678.349](https://doi.org/10.4028/www.scientific.net/AMR.678.349)
23. Kiruba Daniel, S.C.G.; Vinothini, G.; Subramani, N.; **Nehru, K.**; Sivakumar, M., Biosynthesis of Cu, ZVI and Ag Nanoparticles Using *Dodonaeaviscosa* Extract for Antibacterial Activity Against Human Pathogens, *J. Nanopart. Res.* **2013**, *15*: 1319, 1-10.  
[DOI:10.1007/s11051-012-1319-1](https://doi.org/10.1007/s11051-012-1319-1) **IF:2.009**



24. Anitha, J.; Kirithika Devi, R.; Raam Deep, G.; Kiruba Daniel, S.C.G.; **Nehru, K.**; Sivakumar, M. Biosynthesis of Ag Nanoparticles using *Amaranthustristis* Extract for the Fabrication of Nanoparticle Embedded PVA Membrane, *Curr. Nanosci.*, **2012**, 8 (5), 703-708.  
<http://www.ingentaconnect.com/content/ben/cnano/2012/00000008/00000005/art00010> **IF : 1.586**
25. Kiruba Daniel, S.C.G.; **Nehru, K.**; Sivakumar, M. Rapid Biosynthesis of Silver Nanoparticle using *Eichoriniacrassipes* and its Antibacterial Activity, *Curr. Nanosci.* **2012**, 8 (1), 125-129.  
DOI: [10.2174/1573413711208010125](https://doi.org/10.2174/1573413711208010125) **IF : 1.586**
26. Franklin, S.; Balasubramanian, T.; **Nehru, K.**; Kim, Y. Crystal Structure, Conformation, Vibration and Optical Band Gap Analysis of bis-(*rac*-propranolol nitrate), *J. Mol. Structure*, **2009**, 927, 121-125.  
<http://dx.doi.org/10.1016/j.molstruc.2009.03.003> **IF :2.120**
27. Yoon, J.; Wilson, S. A.; Jang, Y. K.; Seo, M. S.; **Nehru, K.**; Hedman, B.; Hodgson, K.O.; Bill, E.; Solomon, E.I.; Nam, W. Reactive Intermediates in Oxygenation Reactions with Mononuclear Nonheme Iron catalysts, *Angew. Chem. Int. Ed.* **2009**, 48, 1257-1260.  
DOI: [10.1002/anie.200802672](https://doi.org/10.1002/anie.200802672) **IF: 12.257**
28. **Nehru, K.**; Jang, Y. K.; Oh, S.; Dallemer, F.; Kim, J.; Nam, W. Hydroquinone Oxidation by High-Valent Non-Heme Oxoiron Complex, *Inorg. Chim. Acta.* **2008**, 361, 2557-2561.  
<http://dx.doi.org/10.1016/j.ica.2007.12.027> **IF :2.433**
29. **Nehru, K.**; Kim, S. J.; Kim, I. Y.; Seo, M.; Kim, J.; Nam, W. A Highly Efficient Non-Heme Manganese Complex in Oxygenation Reactions, *Chem. Commun.* **2007**, 4623-4625.

[DOI: 10.1039/B708976G](https://doi.org/10.1039/B708976G)

**IF :6.164**

30. **Nehru, K.**; Jang, Y. K.; Seo, M.; Kim, J.; Nam, W. Oxidation of N-Methylanilines by Nonheme Iron-oxoComplexes, *Bull. Kor. Chem. Soc.*, **2007**, 28, 843-846.

<http://pdf.easechem.com/pdf/32/536c3e19-fde0-4062-81ab-5a1f18084bba.pdf>

**IF :0.602**

31. **Nehru, K.**; Seo, M.; Kim, J.; Nam, W. Oxidative N-Dealkylation Reactions by Oxoiron(IV) Complexes of Nonheme and Heme Ligands, *Inorg. Chem.* **2007**, 46, 293-298.

[DOI: 10.1021/ic0614014](https://doi.org/10.1021/ic0614014)

**IF :4.85**

32. Kim, S.S.; **Nehru, K.**; Kim, S.S.; Kim, D.W.; Jung, H.C. A Mild and Very Efficient Oxidation of Sulfides to Sulfoxides with Periodic Acid Catalyzed by FeCl<sub>3</sub>, *Synthesis*, **2002**, 2484-2486.

[DOI: 10.1055/s-2002-35623](https://doi.org/10.1055/s-2002-35623)

**IF :2.867**

33. Kim, S.S.; **Nehru, K.** A Very Mild and Efficient Oxidation of Alcohols to Carbonyl Compounds by Periodic Acid Catalyzed by 2,2,6,6-Tetramethylpiperidiny-1-oxyl, *Synlett*, **2002**, 616-618.

[DOI: 10.1055/s-2002-22725](https://doi.org/10.1055/s-2002-22725)

**IF :2.418**

34. **Nehru, K.**; Rajagopal, G.; Athappan, PR. Synthesis and Spectral Characterization of Ru(II)/(III) Complexes of Acetyl HydrazoneBidentate Schiff Bases, *Trans. Met. Chem.* **2001**, 26, 652-656.

[DOI: 10.1023/A:1012060428697](https://doi.org/10.1023/A:1012060428697)

**IF : 1.016**

35. Sevagapandian, S.; Rajagopal, G.; **Nehru, K.**; Athappan, PR. Copper(II), Nickel(II), Cobalt(II) and Oxo-vanadium(IV) Complexes of Substituted  $\beta$ -hydroxyiminoanilides, *Trans. Met. Chem.* **2000**, 25, 388-393.

[DOI: 10.1023/A:1007067326655](https://doi.org/10.1023/A:1007067326655)

**IF : 1.016**

➤ **Patents:**

1. Vaishnavi, S.; Kiruba Daniel, S.C.G.; Nehru, K.; Sivakumar, M. Nanoparticle Impregnated Antimicrobial Ice for Food Preservation, Indian Patent Filed Application No: 3899/CHE/2012

➤ **Sponsored Research Projects:**

Sl. No	Name of the project	Funding agency	Project value (Rs.)	Duration	Status
1	Asymmetric Transesterification of Organic Compounds using the Combination of Enzyme-Metal Catalyst	CSIR	17.32 Laks	2012-15	Completed

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

- Two week Pedagogical Training Programme to the faculty members of BIT, Anna University, Tiruchirappalli in collaboration with NITTTR, Chennai during December 09-23, 2013.
- One week TEQIP sponsored Faculty Development Programme on Recent Advanced and Development in Chemistry (RADIC'13) held at BIT Campus, Anna University, Tiruchirappalli during 28-11-2013 to 04-12-2013
- Mini Colloquium on Nanofabrication Technologies, 25-26<sup>th</sup> March, 2013 held at Bharathidasan Institute of Technology, Anna University, Tiruchirappalli.
- National Seminar on Societal Implications of Nanoscience and Technology, 23<sup>rd</sup> December 2010 held at Anna University of Technology, Tiruchirappalli.
- National Symposium on Recent Trends in Nanoscience and Technology, NANOREVELATIONS-2010, 9<sup>th</sup> September 2010 held at Anna University of Technology, Tiruchirappalli.

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

- UGC Sponsored 77<sup>th</sup> Orientation Programme, 15-11-2012 to 12-12-2012, UGC-Academic Staff College, Bharathidasan University, Tiruchirappalli.
- 1<sup>st</sup> Summer School on Current Developments on Biological, Nano and Pharmaceutical Technology held at Anna University of Technology, Tiruchirappalli, during April 5-18, 2010.

- Okazaki Lectures (Asian Winter School) “New Trends in Biochemical Physics” held in the Institute of Molecular Science, Okazaki, Japan, during March 8-11, 2002.
- TEQIP III Sponsored two weeks Refresher Course in Research Methodology (RCRM 2019) held at CIT Coimbatore, during 13<sup>th</sup> to 26<sup>th</sup> May 2019.
- TEQIP II Sponsored two weeks FDP on Multi-disciplinary Approaches in Chemical Sciences (MACS-2016) held at BIT Campus, Anna University, Tiruchirappalli, during 18<sup>th</sup> to 31<sup>st</sup> July 2016.
- TEQIP II Sponsored two weeks FDP on Advanced Technologies for Societal Applications held at BIT Campus, Anna University, Tiruchirappalli, during 6<sup>th</sup> to 19<sup>th</sup> June 2016.
- TEQIP II Sponsored two weeks FDP on New Perspectives in Drug Discovery and Progressive Technological Developments (NPDPTD-2015) held at BIT Campus, Anna University, Tiruchirappalli, during 4<sup>th</sup> to 17<sup>th</sup> May 2015.
- National Productivity Council of India Sponsored Training Program of e-Governance: Transforming Government Sector held at Goa during 22<sup>nd</sup> to 26<sup>th</sup> Sep 2014
- 9<sup>th</sup> International Workshop on Nanomechanical Sensing 2012, organized by Center of Excellence in Nanoelectronics, Indian Nanoelectronics Users Programme (INUP) held at IIT Bombay during June 6-8, 2012.
- 7<sup>th</sup> INUP Familiarization Workshop on Nanofabrication Technologies held at IIT Bombay, during June 4-5, 2012.
- ISTE-IITB 2 weeks Workshop on Solar Photovoltaics Fundamentals Technologies and Applications organized by National Centre for Photovoltaic Research and Education (NCPRE) and ISTE-IITB, sponsored by MHRD, GOI, under the National Mission on Education through ICT (NMEICT) held at National Institute of Technology, Tiruchirappalli, during Dec 12-22, 2011.
- Science Academies’ Lecture Workshop on Spectroscopy, held at National Institute of Technology, Tiruchirappalli, during 3-4 December 2010.
- Tissue Engineering and Stem Cell research using Nanomaterials, International conference on Nanobio 2009 held at Amrita University, Kochi, India.

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

-

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

- 

**(B) Guest lectures delivered:**

- SoozhalKappoam, AIR, Trichy, 26-02-2010
- Lecture in YRC in BIT, Anna University, Tiruchirappalli, 17-10-2012
- Lecture in Refresher Course in Madurai Kamaraj University, Madurai, 20-11-2013
- Lecture in workshop in Mother Teresa University, Kodaikanal, 17-03-2014
- Lecture in FDP in University College of Engineering, Thirukuvalai, 17-12-2014
- Lecture in FDP in BIT, Anna University, Tiruchirappalli, 22-07-2015
- Invited talk in National Workshop cum Training on Toxic Heavy Metals in Environmental and Seafood samples using AAS (THEMES2016), Department of Marine Science, Bharathidasan University, Tiruchirappalli, 04-02-2016
- DST sponsored National Facility for Drug Development for Academia, Pharmaceutical and Allied Industries, BIT Campus, Anna University, during 25<sup>th</sup> to 27<sup>th</sup> January 2019
- I Year Induction Program "Professional Ethics" BIT Campus, Anna University, during 3<sup>rd</sup> to 09<sup>th</sup> September 2019 on 08-09-2019
- I Year Induction Program "Human Values" BIT Campus, Anna University, during 3<sup>rd</sup> to 09<sup>th</sup> September 2019 on 05-09-2019

**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**