

1. Name : Dr. T.ADINA VEEN

2. Designation : Assistant Professor (FDP)

3. Educational Qualification : M.Sc, Ph.D, B.Ed

4. Courses taught at MCC :UG and PG

5. Administrative Experience, if any, in MCC: -

6. Orientation and Refresher Courses Attended: -

7. Papers presented in National & International Seminars / Conferences

- Best oral presentation in National conference on “Recent Advances in Molecular Physics”, Queen Mary’s College, Chennai, on 10-11 February 2011.
- Best oral presentation in National conference on “Chemistry of Nanomaterials and Molecular Dynamics”, Annamalai University, Chidambaram (CNMD 2010), 30-31st December 2010.

8. Publications & Books Authored:

- Studies on structural, morphological, electrical and electrochemical properties of activated carbon prepared from sugarcane bagasse.  
T. Adinaveen, L. John Kennedy, J. Judith Vijaya, G. Sekaran  
Journal of Industrial and Engineering Chemistry, 19 (2013) 1470-1476.  
Impact factor: 4.421; ISSN NO: 1226-086X
- Preparation and electrochemical behaviour of biomass based porous carbons as electrodes for supercapacitors - a comparative investigation.  
T. Adinaveen, L. John Kennedy, J. Judith Vijaya, G. Sekaran  
Korean Journal of Chemical Engineering, 2 (2014) 268-275.  
Impact factor: 2.007; ISSN NO: 1975-7220
- Surface and porous characterization of activated carbon prepared from pyrolysis of biomass (rice straw) by two-stage procedure and its applications in supercapacitor electrodes.  
T. Adinaveen, L. John Kennedy, J. Judith Vijaya, G. Sekaran  
Journal of Material Cycles and Waste Management, 2014  
(DOI 10.1007/s10163-014-0302-6).  
Impact factor: 1.604; ISSN: 1611-8227



- Comparative study of electrical conductivity on activated carbons prepared from various cellulose materials  
 T. Adinaveen, L. John Kennedy, J. Judith Vijaya  
 Arabian Journal of Science and Engineering, 2014 (DOI 10.1007/s13369-014-1516-6).  
 Impact factor: 0.865; ISSN NO: 2191-4281
- Studies on the Structural, Morphological, Optical, and Magnetic Properties of  $\alpha$ -Fe<sub>2</sub>O<sub>3</sub> Nanostructures by a Simple One-Step Low Temperature Reflux Condensing Method.  
 T. Adinaveen, J. Judith Vijaya, L. John Kennedy  
 Journal of Superconductivity and Novel Magnetism, 2014 (DOI 10.1007/s10948-014-2497-0).  
 Impact factor: 1.180; ISSN NO: 1557-1947
- Strontium (II)-added CoAl<sub>2</sub>O<sub>4</sub> nanocatalysts for the selective oxidation of alcohols  
 R. Thinesh Kumar, T. Adinaveen, J. Judith Vijaya, L. John Kennedy  
 Reaction Kinetics, Mechanisms and Catalysis, (2012) 106:379-394.  
 Impact factor: 1.264; ISSN NO: 1878-5204
- Synthesis of  $\alpha$ -Fe<sub>2</sub>O<sub>3</sub>Sphere/Rod-Like Nanostructure via Simple Surfactant-Free Precipitation Route: Optical Properties and Formation Mechanism. S. Narayanan, T. Adinaveen, J. Judith Vijaya, L. John Kennedy  
 Journal of Nanoscience and Nanotechnology, 2014 (Article in press).  
 Impact factor: 0.983; ISSN NO: 1533-4880
- Microwave Assisted Synthesis, Characterization and Photocatalytic Activity of Zn<sub>2</sub>V<sub>2</sub>O<sub>7</sub> Nanospheres  
 S. Daniel Abraham, S. Theodore David, C. Joel and T. Adinaveen  
 Chemical Science Transactions  
 DOI:10.7598/cst2014.920  
 ISSN: 2278-3318 (Online); ISSN: 2278-3458 (Print)

- Effect of Ba-doping on structural, morphological, optical and photocatalytic properties of self-assembled ZnO nanospheres.  
T. Adinaveen, J. Judith Vijaya, L. John Kennedy  
Clean Technologies and Environmental Policy (Article in press)  
Impact factor: 3.331; ISSN NO: 1618-9558
- Synthesis of MoS<sub>2</sub> nanosheet supported Z-scheme TiO<sub>2</sub> /g-C<sub>3</sub>N<sub>2</sub> photocatalysts for the enhanced photocatalytic degradation of organic water pollutants  
Wan-Kuen Jo, T. Adinaveen, J. Judith Vijaya and N. Clament Sagaya Selvam  
RSC Adv., 2016, 6, 10487  
Impact Factor: 3.840 ISSN 2046-2069
- Structural and electrochemical investigation of waste newspaper based electrodes for supercapacitor applications  
T. Adinaveen\*, L. John Kennedy, J. Judith Vijaya, R.Sivakumar  
Materials Science-Poland, 34(2), 2016, pp. 302-314  
Impact Factor: 0.533 ISSN 2083-1331
- Hierarchically arranged strontium oxide nanospheres - impregnated carbon cloth for high performance supercapacitor electrodes  
T. Adinaveen\*, Dr. J. Judith Vijaya, Amal Raj, P. Iyyappa Rajan  
L. John Kennedy, N. Clament Sagaya Selvam  
J. Electroanal. Chem 799, (2017), 222-227  
Impact factor: 3.012; ISSN NO: 1572-6657

9. Resource Person in Conferences/Workshops etc.: -

10. Recognition as Research Supervisor for M.Phil. and Ph.D.:-

11. Other Distinctions :

- JRF fellowship received from DST major project, New Delhi, India
- Awarded “Rajat Jayanthi Vigyan Sancharak Fellowship-2012” by The Department of Science and Technology (DST)