

Name : Dr. A. Jancirani
Designation : Assistant Professor
Department : Chemistry
Date of Joining : 11 – 07 -2018
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Educational Qualification :

Qualification	Subject	Institution	Year Completed
B. Sc.	Chemistry	S.F.R College, Sivakasi	Apr. 2004
M. Sc.	Chemistry	S.F.R College, Sivakasi	Apr. 2006
M. Phil.	Chemistry	A.N.J.A College, Sivakasi	Apr. 2007
Ph. D	Chemistry	Anna University, Chennai	2017
DCA	Computer Applications	S.F.R College, Sivakasi	May 2003

Teaching Experience

Name of the Institution	Position held	Worked		Total Experience
		From	To	
The Standard Fireworks Rajaratnam College for Women, Sivakasi	Lecturer	16/06/2007	30/03/2011	3 Years & 9 Months & 14 Days
Fatima Michael college of Engineering and Technology, Madurai	Assistant Professor	06/06/2011	07/03/2012	9 Months & 1 Day
Madurai Institute of Engineering & Technology, Pottapalayam	Assistant Professor	16/07/2012	20/05/2016	3 Years & 10 Months & 4 Days
Sethu Institute of Technology, Kariyapatti	Assistant Professor	01/06/2016	13/03/2017	9 Months & 12 Days
Thiagarajar College, Madurai.	Assistant Professor (SF)	16/06/2017	10/07/2018	1 Year & 3 Weeks & 3 Days
The American College, Madurai	Assistant Professor (SF)	11/07/2018	Till date	

Workshop/FDP/Orientation Course Attended

- Training in Water quality analysis on 20th March 2007 at ANJA College, Sivakasi.
- One day Faculty enhancement programme on Soft Skills, on 27th November 2008, organized by S.F.R. College, Sivakasi.
- Nine days Orientation Course in NSS at Avinasilingam University, Coimbatore.
- Two days Faculty Development Programme on NanoFluids during 5th & 6th December at Thiagarajar College of Engineering, Madurai.
- Workshop on Effective Evaluation Methodologies held on 26th February 2018 organized by the Office of the Controller of Examinations, Thiagarajar College, Madurai.

Technical Qualification

- Type Writing (Lower in English)
- Able to handle Fourier Transform (FTIR) Spectrometer
- UV-Visible Spectrophotometer
- Able to work well in software's like Chemdraw, Origin, Windows etc.

Area of Specialisation

- Polymer Chemistry
- Electro-chemistry
- Surface Chemistry

Membership

- Professional member in Institute For Engineering Research and Publication

Paper Presentation

Attended and presented a paper in the following International/National conferences:

International Conference

S.No	Name of the Conference	Date	Venue	Title
1	5th International conference on Perspectives in Vibrational Spectroscopy	8 th – 11 th July 2014	Mascot Hotel, Trivandrum, Kerala	Michael Addition Polymerisation of Mono Ethylene glycol Diacrylate with Aniline
2	Recent Advances in Materials and Chemical Sciences	14 th –15 th December 2015	Gandhigram Rural Institute, Gandhigram	Non-isothermal degradation kinetics of poly(monoethylene glycol dimethacrylate-co-4-aminobenzoate)

3	International Conference on Functional Materials	7 th – 10 th September 2016	PSN College of Engineering and Technology, Tirunelveli	A Comparative study on the Thermal degradation of copolymers of poly (monoethylene glycol dimethacrylate)
4	One Day International Seminar on Materials Science and Technology	4 th August 2017	Mother Teresa Women's University	Aza Michael addition synthesis and characterization of poly(monoethylene glycoldimethacrylate-co-ethyl-4-dodecylamine)
5	International Conference on Advanced Materials Science and Technology	17 th –19 th August 2017	Thiagarajar College, Madurai	Green synthesis and characterization of poly (monoethylene glycoldimethacrylate-co-m-toludine) via Aza-Michael addition reaction
6	International Conference on Modern Trends in Chemistry	23 rd February 2018	Vivekananda College, Madurai	Aza Michael addition synthesis and characterization of poly (monoethylene glycoldimethacrylate-co-ethyl-4-aminobenzoate)
7	International Conference on Frontier Areas in Chemistry	17 th –19 th July 2018	The American College, Madurai	XRD pattern of Green Synthesised poly (monoethylene glycol dimethacrylate -co-ethyl-4-aminobenzoate /Ag NPs)
8	International Seminar on “Interdisciplinary Science Studies”	3 rd September 2018	The Standard Fireworks Rajaratnam College, Sivakasi	Non-Isothermal Degradation Kinetics Of poly(monoethylene glycol dimethacrylate-co-ethyl-4-aminobenzoate/Ag NPs)

National Conference

S.No	Name of the Conference	Date	Venue	Title
1	DST Sponsored National Seminar on Modern Trends in Chemistry – MTC II “Newer Perspectives In Nano and Green Chemistry”	24th – 25th July 2014	PSNA College of Engineering and Technology, Dindigul.	Synthesis and Characterization of Semiconducting Nano-Polymers Via Aza - Michael Addition Polymerisation
2	CSIR Sponsored National Seminar on “Recent Trends In Novel Materials for Technical Applications”	18th – 19th September 2014	KLN College of Engineering and Technology	Michael addition Synthesis and Characterization of Semiconducting Nano-Polymer
3	DST-SERB Sponsored National Level Seminar on “Recent Frontiers in Bioinorganic and Medicinal Chemistry (RFBMC - 2015)	27th – 28th November 2015	Sree Sowdambika College of Engineering, Aruppukottai	Non-isothermal degradation kinetics of poly (monoethylene glycol dimethacrylate- co – 4 - aminobenzoate)/Ag Nano particles
4	One day National Seminar on “Nuclear Energy for Future Generations” sponsored by Kudankulam Nuclear Power project	26th February 2016	Kamaraj College of Engineering & Technology, Virudhunagar	Synthesis and Characterisation of Novel poly(monoethylene glycol dimethacrylate- co – 4 - aminobenzoate)/Ag Nano particles
5	Recent Advances in Chemical Research (RACR-2017)	24th – 25th January 2017	VHNSN College, Virudhunagar	Kinetics of Non-isothermal degradation of poly (monoethylene glycol dimethacrylate-co-anthranilic acid)
6	National Conference on Recent Trends in Chemistry	11 th and 12 th February 2019	VPMM College, Krishnankovil	Photocatalytic degradation of methylene blue dye using ZnO NPs

List of Publications:

1. 'Synthesis, characterisation and non-isothermal degradation kinetics of poly(mono ethylene glycol dimethacrylate-co-4-aminobenzoate)', A, Jancirnai, V, Kohila, B, Meenarathi, A, Yelilarasi & R, Anbarasan, Bulletin of Materials Science, 2016, vol. 39, no. 7, pp. 1725-1733. (Anna University Annexure I) Impact Factor 0.895. DOI: 10.1007/s12034-016-1314-8.
2. 'Non-isothermal degradation kinetics of novel poly(monoethyleneglycol dimethacrylate-co-anthranilic acid cinnamoyl ester) synthesized via aza-Michael addition polymerization', A, Jancirnai, V, Kohila, B, Meenarathi, A, Yelilarasi & R, Anbarasan, International Journal of Plastics Technology, Issue 1, 2019, DOI: 10.1007/s12588-019-09231-w.
3. 'Synthesis, characterization and non-isothermal degradation kinetics of poly(ϵ -caprolactone)/Fe₃O₄ - dye nanocomposites', 2019, vol. 1, no. 602, DOI: 10.1007/s42452-019-0489-1.

Other activities / information / academic credentials you would like to mention:

- 2007-2008 – Acted as Advisory Committee member in **Students Welfare Scheme and Eco-club** at SFR College, Sivakasi..
- 2008-2009 – Acted as an Advisory Committee member in **Extension Activity** at SFR College, Sivakasi..
- 2009-2011 – Served as **NSS Programme Officer** at SFR College, Sivakasi.
- Organized NSS State Level Seminar on “Personality Development & Environment Protection” on 24th September 2010.
- Organized NSS seven days special camps during 2009-2011.
- 2012-2016 – Served as **RRC & YRC club in-charge** at MIET, Pottapalayam, Sivagankai District.
- Organized **Awariness programmes** (Road Safety, HIV/AIDS, Leprosy, Personality development etc.) and motivational programmes for the students under NSS, YRC & RRC.

- Enrolled as **mentor** for the 2017-2018 B.Sc Chemistry students, and participated in various academic activities like organizing committee member in conferences, seminars, etc.