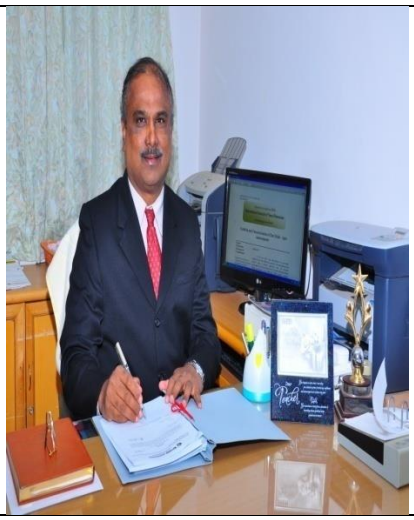
Name of the Teaching Staff	Dr. S. Vasanth Kumar			
Designation	Emeritus Professor			
Department	Applied Chemistry			
Date of Joining the Institution	10-06-2005			
Qualification with Class / Grade	UG	PG	Ph.D.	
	I Class	I Class	Highly Commended	
Area of Specialization	Organic Chemistry			
Research Interests	Organic Synthesis, Alternative fuel, Material Chemistry and Nanoscience			

Subjects Teaching	
Under Graduate	Post Graduate
Applied Chemistry Engineering Chemistry	Organic Reaction Mechanism Natural Product Chemistry

Total Experience in Years		Teaching	Industry	Research
		36 years	-	28 years
Papers Published	National	7	International	30
Papers Presented in Conference	National	9	International	6
Conferences / Symposiums Participated	National	14	International	3
FDP / STTP / MDP / Summer / Winter School attended	2			

Ph.D. Guide? Give Field & University	Field	University
	Organic Synthesis Isolation and Characterization	Anna University Karunya University

Project Guided	
Ph.D.s	Project at Master's Level
8	44
Books Published / IPRs / Patents	Engineering Chemistry 1

1. Life Member in Oil Technologist Association of India (OTAI)

Professional Memberships	2. Life Member in Indian Science Congress (ISC) 3. Life Member in Indian Chemistry Teachers Association (ICTA) 4. Life Member in Chemical Research Society of India (CRSI)
Consultancy Activities	Consultancy rendered to 1. Saraveen Chemicals, 2. Sundram Fastners 3. Brakes India 4. PWD, TWAD
Awards	1. Flint Prize – Best outgoing under graduate Chemistry student, The American College, Madurai 2. CVCTV. Venkatachalam Chettiar Shastithaboorthi Prize, Madurai Kamaraja University
Grants Fetched	1.**Title :** Study of The Factors Affecting The Long Term Oxidation Stability of Jatropha and Pongamia Bio – Diesel **Amount** : Rs. 27.28 lakhs **Agency** : Department of Science and Technology, India 2. **Title :** Development of Matrices using sel-mel PHA produced of indigenous psendomonas sp.LDC-5 **Amount :** Rs. 50.50 lakhs **Agency :** Department of Biotechnoloty, India 3. **Title :** Synthesis Characterization and Photoelectrocatalytic Studies of Nanocomposites for Dye Sensitized Solar Cells. **Amount** : Rs. 9.58 lakhs **Agency** : University Grants Commission, India 4. **Title :** Waste to Wealth – Alternate livelihood for the potter from waste pulp and polystyrene **Amount** : Rs. Rs. 36.89 lakhs **Agency** : Department of Science and Technology, India 5. **Title :** Recovery of value added materials from non-hazardous wastes of silkworm industries **Amount** : Rs.69, 47,144/- lakhs **Agency** : Department of Science and Technology, India
Interaction with Professional Institutions	Collaborative Projects with other colleges and Research institute.
Contact Details	Mobil no: 9487846546 Email id: vasanthakumar@karunya.edu
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2. Subramanian Ramanathan, M. Sasikumar, S. Prince Makarios Paul, Asir Obadiah, Abiram Angamuthu, Palanisamy Santhoshkumar, Arulappan Durairaj, **Samuel Vasanthkumar** , Low cost electrochemical composite material of paper cup waste carbon (P-carbon) and Fluorescein for supercapacitor application, Materials today : Proceedings, 2021 In Press

3. Romiyo Justinabraham. Arulappan Durairaj, Subramanian Ramanathan**,** Asir Obadiah, Ramachandran John wesley, XiaomengLv, **Samuel Vasanthkumar**, Synthesis of porous g-C3N4 doped vanadyl phosphate for supercapattery application, Journal of Energy Storage, Volume 40, August 2021, 102786

4. Ramachandran JohnWesley, ArulappanDurairaj, SubramanianRamanathan, Asir Obadiah, RomiyoJustinabraham, XiaomengLv, ***SamuelVasanthkumar***, Potato peels biochar composite with copper phthalocyanine for energy storage application, Diamond and Related Materials, 2021, 115, 108360.

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7. A. Obadiah, Sahaana Gurusamy, Stanley Simon, Arun Dakshinamurthy, **S. Vasanth Kumar**, Biodiesel Production from citrullus colocynthis using calcined waste animal bone as catalyst, 5th Bangalore Nano, December 5 – 7, 2012, The Lalit Ashok, Bangalore.
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10. A. Obadiah, R. Kannan, P. Ravichandran, A. Ramasubbu, **S. Vasanthkumar**, Waste deoiled cakes of Jatropha and Pongamia seeds for Dye removal, International conference on on Science, Society and Sustainability, January 10th – 13th, 2012, Lady Doak College, Madurai.

11. A. Obadiah, R. Kannan, Cynthia. E. Theodore, S. Selvaraj, A. Ramasubbu, **S. Vasanth Kumar**, A Scillerene compound is extracted from Urginea indica Culb an studies of their Biological Activity, on International Conference on Drug Design & development, January 21, 2011, Nadar Saraswathi College of Arts & science Theni, Tamilnadu.
12. A. Obadiah, R. Kannan, P.Ravichandiarn, A. Ramasubbu, **S. Vasanth Kumar** "Layered Double Hydroxide as a Novel Catalyst for the Transesterification of Pongamia Oil" International Conference on Bioresource technology – Its Applications & Achievements (7-8 october 2010), Nirmala College for women, Coimbatore, India.

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2. A. Obadiah, R. Kannan, S. Selvaraj, A. Ramasubbu, **S. Vasanth Kumar**, "Isolation of Bioactive Compounds from Menthe Pepertia and Study of Their Anti oxidant Activity" National Seminar on Recent Trends in Chemistry (NSRTC - 2011), February 25 & 26 , 2011, A.V.C. College (Autonomous), Mayiladuthurai.
3. A. Obadiah, R. Kannan, Cynthia. E. Theodore, **S. Vasanth Kumar**, Isolation of Bioactive compounds from Mentha Pepertia and study of their biological activity, on National conference on The challences of Microbial technology "Technology and Microbes", 4th February 2011, Madras Christian college, Chennai.
4. R. Kannan, A.Obadiah, A. Ramasubbu, **S. Vasanth Kumar**, Microwave Assisted Synthesis of mushroom Like Nanofibres Zno- SnO_2, on 98th Indian Science Congress 3 -7 January 2011, SRM University, Chennai.
5. A. Jegan, A. Obadiah, R. Kannan, A. Ramasubbu, **S. Vasanth Kumar**, "Phytosynthesis of Silver nanoparticles using Achyranthes aspera L. and tectona grandis", National conference on Emerging trends in Nanoscience (ETN) – 21st &22nd December 2010 at Sri Paramakalyani college, Tirunelveli, Tamilnadu.
6. Cynthia E. Theodore, S. Selvaraj, R. Kannan, A.Obadiah, **S. Vasanth Kumar**, Cu-Impregneted Manganese oxides- A Novel Nano materialfor Dye degradation, National

level student's Symposium "Nano materials and its Application" on 3rd October 2010 at National institute of technology, Trichy

7. R. Kannan, A.Obadiah, P. Ravichandran, A. Ramasubbu, **S. Vasanth Kumar**, MNO2-POM: A Novel Nanocomposite for Photocatalytic degradation Dye, National Conference on "Nanotechnology NCN-2010" on 24th & 25th September 2010 at SSM college of engineering Komarapalyam, India.
8. G. Nalini, P. Sudeepika, A. Obadiah, R. Kannan, A. Ramasubbu, **S. Vasanth Kumar**, Solid Phase adsorption of heavy metal using nano sized Jatropha activated carbon, on National conference on Environmental Pollution, March 31, 2010, at Karunya University, Coimbatore.

Books / Book Chapters

1. Nanostructured Manganese oxide materials for Energy and Environmental Applications, Nanotechnology – Energy and Environment, Volume 6, pp- 309 - 319 , Studium Press LLC, Houston – USA. ISBN – 1-62699-006-9.
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5. Dr. A. Durai Raj - Research Scholar, KITS
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