

## Research Articles:

Name with Designation:

**Dr. Satishkumar Naik**

**Guest Lecturer**

**Department of Chemistry**

1	Title of the Paper	Development of a novel SBA-15 templated mesoporous reduced graphitic oxide composite for high performance supercapacitors and fabrication of its device by an electrospinning technique,
	ISSN NO.	doi.org/10.1039/C9NJ02958C
	Journal	New Journal of Chemistry, 43 (2019) 16017-16032 (RSC). (Impact Factor: 3.591)
	Date of Publication	17 Sep 2019
2	Title of the Paper	Fabrication and electrochemical evaluations of a flexible micro-supercapacitor from multiwalled carbon nanotubes/silver nanohybrid/sulfonated polyaniline ternary nanocomposite embedded PVA-TEOS membrane
	ISSN NO.	doi.org/10.1002/slct.202003223
	Journal	ChemistrySelect 2021, 6, 1– 14. (Impact Factor: 2.307)
	Date of Publication	01 April 2021
3	Title of the Paper	Scalable fabrication of a flexible interdigital micro-supercapacitor device by <i>in-situ</i> polymerization of pyrrole into hybrid PVA-TEOS membrane
	ISSN NO.	doi.org/10.1016/j.electacta.2018.06.034
	Journal	Electrochimica Acta, 282 (2018) 469-479. (Impact Factor: 6.901)
	Date of Publication	20 August 2018
4	Title of the Paper	Development of supercapacitor systems based on binary and ternary nanocomposites using chitosan, graphene and polyaniline
	ISSN NO.	DOI:10.1016/j.cdc.2018.11.003
	Journal	Chemical Data Collections, 17-18 (2018) 459-471. (Impact Factor: 2.50)
	Date of Publication	2018
5	Title of the Paper	Development of robust proton exchange membranes for fuel cell applications by the incorporation of sulfonated $\beta$ -cyclodextrin into crosslinked sulfonated poly (vinyl alcohol)
	ISSN NO.	doi.org/10.1016/j.electacta.2018.08.036
	Journal	Electrochimica Acta, 286 (2018) 350-364. (Impact Factor: 6.901)
	Date of Publication	1 October 2018
6	Title of the Paper	Polyelectrolyte complex membranes made of chitosan-PSSAMA for pervaporation separation of industrially important azeotropic mixtures
	ISSN NO.	doi.org/10.1016/j.jiec.2019.05.031
	Journal	Journal of Industrial and Engineering Chemistry, 78 (2019) 383-395. (Impact Factor: 5.278)
	Date of Publication	12 Sep 2019
7	Title of the Paper	Effects of different plasticizers on highly crosslinked NaAlg/PSSAMA membranes for pervaporative dehydration of tert-butanol
	ISSN NO.	doi.org/10.1039/C9NJ05466A
	Journal	New Journal of Chemistry, 44 (2020) 4452-4466. (Impact Factor: 3.591)
	Date of Publication	28 Feb 2020

8	Title of the Paper	Functionalized multi-walled carbon nanotube/polyindole incorporated epoxy: An effective anti-corrosion coating material for mild steel
	ISSN NO.	doi.org/10.1016/j.jallcom.2020.158057
	Journal	Journal of Alloys and Compounds, 856 (2020) 158057. (Impact Factor: 6.371)
	Date of Publication	5 March 2021
9	Title of the Paper	Development of Nanofibrous Scaffolds by Varying TiO <sub>2</sub> Content in Crosslinked PVA for Bone Tissue Engineering
	ISSN NO.	doi.org/10.1039/C9NJ05118J
	Journal	New Journal of Chemistry, 44 (5), (2020) 2111-2121. (Impact Factor: 3.591)
	Date of Publication	10 Jan 2020

#### BOOK CHAPTERS PUBLISHED IN INTERNATIONAL BOOKS

1	Title of the Chapter	Electrospun mixed oxide based composites as cathodes for lithium ion batteries
	ISSN NO.	DOI:10.1007/978-981-15-8844-0_20
	Journal	Springer, a part of Springer Nature, 2021
	Date of Publication	2021
2	Title of the Paper	Dendrimers
	ISSN NO.	doi.org/10.1007/978-3-319-92067-2_9-1 ISBN978-3-319-92067-2
	Journal	Functional Polymers, Polymers and Polymeric Composites: A Reference Series; Springer, Cham
	Date of Publication	2018
3	Title of the Paper	Conducting Polymer Based Flexible Supercapacitor Devices: In Flexible Supercapacitor Nanoarchitectonics
	ISSN NO.	DOI:10.1002/9781119711469.ch20
	Journal	In book: Flexible Supercapacitor Nanoarchitectonics (pp.611-634)
	Date of Publication	May 2021

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