

**G. VENKATASWAMY NAIDU COLLEGE(AUTONOMOUS), KOVILPATTI**

**DEPARTMENT OF PHYSICS**

**STAFF PUBLICATIONS DETAILS (2019 - 2020)**

<b>Sl.No</b>	<b>Name of the Author</b>	<b>Title of the Paper</b>	<b>Title of the Journal</b>	<b>Month and Year of Publication</b>	<b>ISBN / ISSN</b>
1.	Mrs.P.Chithralekha	A Study on the effect of pH on Ultrasonic Velocity of Mg <sub>0.5</sub> Co <sub>0.5</sub> Fe <sub>2</sub> O <sub>4</sub> Nannoferrofluids	AIP Publishing, (International-64th DAE Symposium, IIT Rajasthan	18.12.209 & 22.12.2019	978-0-7354-2025-0

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**STAFF PUBLICATIONS DETAILS (2022 - 2023)**

<b>Sl.No</b>	<b>Name of the Author</b>	<b>Title of the Paper</b>	<b>Title of the Journal</b>	<b>Month and Year of Publication</b>	<b>ISBN / ISSN</b>
1.	Mrs.P.Chithralekha	A Study on Acoustical Parameters of $NI_xCO_{1-x}FE_2O_4$ Nanofluids prepared by Co-Precipitation Method	Stochastic Modeling & Applications (UGC Care)	25.05.2022	0972 - 3641
2.	Mr.K.Velmurugan	Hierarchical fabrication of $GO@Dy_2MoO_6$ heterojunction for catalytic performance and effective waste water treatment	Optic Materials (Elsevier)	01.09.2023	136(2022)1124 22
3.	Mr.K.Velmurugan	A New Perspective of Higher Education - Learning Objective and Question Paper Setting using Bloom's Taxonomy	International Conference Proceeding	15.09.2022 & 16.09.2022	978 - 81 - 927227 - 6 - 4

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**STAFF BOOK CHAPTER AND PUBLICATIONS DETAILS (2023 - 2024)**

**BOOK CHAPTER**

<b>Sl.No</b>	<b>Name of the Author</b>	<b>Title of the Book</b>	<b>Title of the Book Chapter</b>	<b>Publisher</b>	<b>ISBN / ISSN</b>
1.	Mr.K.Velmurugan & Mr.G.Angumalar	Dynamic Trends in Multi Domain Integration	A Study on Performance of Basin Type Solar still for various hard water samples	String Production	978 - 93 - 6048 - 526 - 9

**PUBLICATIONS**

<b>Sl.No</b>	<b>Name of the Author</b>	<b>Title of the Paper</b>	<b>Title of the Journal</b>	<b>Month and Year of Publication</b>	<b>ISBN / ISSN</b>
1.	Mr.K.Velmurugan	Enhanced Photocatalytic Performance of g-C3N5/PANI Nanocomposite : A Sustainable Solution for Organic Pollutant Degradation	International Conference Proceeding	01.09.2023	9 - 789395 - 423922
2.	Mr.K.Velmurugan	Natural Pigment extracted from boraussusflabellifer fruit for sensitizing efficient DSSC	International Conference Proceeding	01.09.2023	9 - 789395 - 423922
3.	Mr.K.Velmurugan	Novel Bi2WO6 Anchored g-C3N5 Nanocomposites for sustainable Organic Pollutants Eradication	International Conference Proceeding	16.02.2024	978 - 81 - 19821 - 92 - 1
4.	Mr.G.Angumalar	Green Synthesis Tio <sub>2</sub> Nanoparticles using Convolvulus pluricaulis plant for DSSC Applications	International Conference Proceeding	16.02.2024	978 - 81 - 19821 - 92 - 1

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**STAFF BOOK CHAPTER AND PUBLICATIONS DETAILS (2024 - 2025)**

<b>Sl.No</b>	<b>Name of the Author</b>	<b>Title of the Paper</b>	<b>Title of the Journal</b>	<b>Month and Year of Publication</b>	<b>ISBN / ISSN</b>
1.	Mr.K.Velmurugan	Exploring the impact of Cu doping on Tio2 photoanodes for efficient dye-sensitized solar cells Degradation	International Conference Proceeding	18.09.2024 & 19.09.2024	ABBS - 24 -29
2.	Mr.G.Angumalar	Natural Pigment extracted from convolvulus pluricaulis plant for sensitizing efficient DSSC	International Conference Proceeding	19.12.2024 & 20.12.2024	978 - 81 - 931566 - 8 - 1
3.	Mr.K.Velmurugan	Natural Pigment extracted from convolvulus pluricaulis plant for sensitizing efficient DSSC	International Conference Proceeding	19.12.2024 & 20.12.2024	978 - 81 - 931566 - 8 - 1
4.	Mr.G.Angumalar	SOD1 coupled Bio sensor for the sensitive detection of neurodegenerative biomarker dopamine	International Conference Proceeding	04.04.2025 & 05.04.2025	978 - 81 - 971735 - 6 - 1

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**STAFF BOOK CHAPTER AND PUBLICATIONS DETAILS (2025 - 2026)**

**BOOK CHAPTER**

<b>Sl.No</b>	<b>Name of the Author</b>	<b>Title of the Book</b>	<b>Title of the Book Chapter</b>	<b>Publisher</b>	<b>ISBN / ISSN</b>
1.	Mr.K.Velmurugan	Sciencia Acta Xaveriana	Gold doped Nitrogen rich C3N5 with PANI Nanocomposites for enhanced Photocatalysis of Organic Pollutants	International Research Journal of Basic and Applied Sciences	0976 - 1152

**PUBLICATIONS**

<b>Sl.No</b>	<b>Name of the Author</b>	<b>Title of the Paper</b>	<b>Title of the Journal</b>	<b>Month and Year of Publication</b>	<b>ISBN / ISSN</b>
1.	Mr.K.Velmurugan	Gold doped Nitrogen rich C3N5 with PANI Nanocomposites for enhanced Photocatalysis of Organic Pollutants	International Conference Proceeding	18.02.2025 & 19.02.2025	978 - 93 - 49409 -0