

# Clarification on Metric ID: 3.3.1

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<b>S.No.</b>	<b>Query 6 Note</b>	<b>Page No</b>
1	Kindly note that As the provided documents in regional, language which should not be considered as per SOP. So please request to provide all the required documents in ENGLISH translated version.	2-15

**Query No. 06:** Kindly note that As the provided documents in regional, language which should not be considered as per SOP. So please request to provide all the required documents in ENGLISH translated version.

**Response:**

All documents in regional language are translated to English. For research papers written in regional languages, the titles have been translated to English for easy understanding.

Dr. Yashwant Moreshwar Donde Sarwajanik Shaikshanik Trust's

## INDIRA MAHAVIDYALAYA

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## Certificate

This is to certify that all documents originally in regional languages have been translated to English. For research papers written in regional languages, the titles have been translated to English for easy understanding.

  
**Co-ordinator**  
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**Kalamb**



  
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**Kalamb Dist. Yavatmal**

# TITLE OF RESEARCH PAPER IN ENGLISH

List of Research Papers Published in UGC CARE Listed Journal

(Year-wise: 2022-23, 2021-22, 2020-21, 2019-20, 2018-19)

S.No	Title of Paper	Name of the Author/s	Department of the Teacher	Name of Journal	Calendar Year of Publication	ISSN Number	Is it listed in UGC Care List	Link of These Papers on Institutional Website
1	Optimization of supercapacitive properties of polyindole by dispersion of MnO <sub>2</sub> nanoparticles	K.R. Nemade	Physics	Chemical Physics Impact, 5, 100-105	2022	2667-0224	Yes	<a href="https://www.indiramahavidyalaya.com/pdfpage.php?unum=543">https://www.indiramahavidyalaya.com/pdfpage.php?unum=543</a>
2	Alumina tunnel contact based lateral spin-Field effect transistor	K.R. Nemade	Physics	Materials Science and Engineering: B, 286, 115977	2022	0921-5107	Yes	<a href="https://www.indiramahavidyalaya.com/pdfpage.php?unum=544">https://www.indiramahavidyalaya.com/pdfpage.php?unum=544</a>
3	Investigation of optical properties of sodium superoxide loaded polyaniline in uv and visible region	K.R. Nemade	Physics	Songklanakarin J. of Sci. & Tech., 44, 54-60	2022	0125-3395	Yes	<a href="https://www.indiramahavidyalaya.com/pdfpage.php?unum=545">https://www.indiramahavidyalaya.com/pdfpage.php?unum=545</a>

4	Complex Optical Investigation of Sodium Superoxide Loaded Phosphovanadate Glass System in Ultra-Violet and Visible Region	K.R. Nemade	Physics	Trends in Sciences, 19, 2077-2081	2022	2774-0226	Yes	<a href="https://www.indiramahavidyalaya.com/pdfpage.php?unum=546">https://www.indiramahavidyalaya.com/pdfpage.php?unum=546</a>
5	The Comprehensive study of Titanium oxide doped Conducting polymers nanocomposites for Photovoltaic applications	K.R. Nemade,	Physics	Polymer-Plastics Technology and Materials, 60, 1775-1784	2021	2574-0881	Yes	<a href="https://www.indiramahavidyalaya.com/pdfpage.php?unum=548">https://www.indiramahavidyalaya.com/pdfpage.php?unum=548</a>
6	Graphene based nano-composites for efficient energy conversion and storage in Solar cells and Supercapacitors: A Review	K.R. Nemade	Physics	Polymer-Plastics Technology and Materials, 60, 784-797	2021	2574-0881	Yes	<a href="https://www.indiramahavidyalaya.com/pdfpage.php?unum=548">https://www.indiramahavidyalaya.com/pdfpage.php?unum=548</a>
7	Comprehensive study of spin field effect transistors with co-graphene ferromagnetic contacts	K.R. Nemade	Physics	Journal of Magnetism and Magnetic Materials, 517, 167410	2021	0304-8853	Yes	<a href="https://www.indiramahavidyalaya.com/pdfpage.php?unum=549">https://www.indiramahavidyalaya.com/pdfpage.php?unum=549</a>

8	Communal Riot and Social Integration in Mahesh Dattani 's Final Solution282-285	Prof. P.S. Jawade	English	Infokara Research	2021	1021-9056	Yes	<a href="https://www.indiramahavidyalaya.com/pdfpage.php?unum=810">https://www.indiramahavidyalaya.com/pdfpage.php?unum=810</a>
9	Impedance spectroscopy study of the AC conductivity of sodium superoxide nanoparticles doped vanadate-based glasses	K.R. Nemade	Physics	Materials Science for Energy Technologies, 4, 202-207	2021	2589-2991	Yes	<a href="https://www.indiramahavidyalaya.com/pdfpage.php?unum=550">https://www.indiramahavidyalaya.com/pdfpage.php?unum=550</a>
10	Comprehensive study to ascertain the effect of MnO2 loading on supercapacitive properties of conducting polymers	K.R. Nemade	Physics	Int. J. of Polymer Analysis and Characterization, 26, 593-603	2021	1563-5341	Yes	<a href="https://www.indiramahavidyalaya.com/pdfpage.php?unum=551">https://www.indiramahavidyalaya.com/pdfpage.php?unum=551</a>
11	Hawaman badalan jalstrot : ek Abhyas (English Title: Climate Change and Water Resources: A Study )	N.V.Narule	Geography	Vidyawarta International Multilingual Research Journal	2021	2319 - 9320	Yes	<a href="https://www.indiramahavidyalaya.com/pdfpage.php?unum=313">https://www.indiramahavidyalaya.com/pdfpage.php?unum=313</a>
12	Job Categories, Mental Health and	P.B. Ingle	Psychology	Ajanta	2020	2279-4089	Yes	<a href="https://www.indiramahavidyalaya.com/pdfpage.php?unum=382">https://www.indiramahavidyalaya.com/pdfpage.php?unum=382</a>

	Jobsatisfaction							
13	Preparation of spintronically active ferromagnetic contacts based on Fe, Co and Ni Graphene nanosheets for Spin-Field Effect Transistor	K.R. Nemade	Physics	Materials Science and Engineering: B, 261, 114772	2020	0921-5107	Yes	<a href="https://www.indiramahavidyalaya.com/pdfpage.php?unum=552">https://www.indiramahavidyalaya.com/pdfpage.php?unum=552</a>
14	Preparation of nanorefrigerants using mono-, bi- and tri-layer graphene nanosheets in R134a refrigerant	K.R. Nemade	Physics	AIP Conference Proceedings, 2104, 20017	2019	1551-7616	Yes	<a href="https://www.indiramahavidyalaya.com/pdfpage.php?unum=270">https://www.indiramahavidyalaya.com/pdfpage.php?unum=270</a>
15	Recent advancements in the field of ballistic and non-ballistic spin-based field-effect transistors	K.R. Nemade	Physics	AIP Conference Proceedings, 2104, 15-18	2019	1551-7616	Yes	<a href="https://indiramahavidyalaya.com/profile/pdf_show.php?unum=269">https://indiramahavidyalaya.com/profile/pdf_show.php?unum=269</a>
16	Role of nanoparticle shape in enhancing the thermal conductivity of nanofluids	K.R. Nemade	Physics	Materials Today: Proceedings, 28, 873-878	2019	2214-7853	Yes	<a href="https://www.indiramahavidyalaya.com/pdfpage.php?unum=554">https://www.indiramahavidyalaya.com/pdfpage.php?unum=554</a>
17	Contribution of Psychology in	P.B. Ingle	Psychology	Ajanta Journal	2019	2277-5730	Yes	<a href="https://www.indiramahavidyalaya.com/pdfpage.php?unum=552">https://www.indiramahavidyalaya.com/pdfpage.php?unum=552</a>

	Physical, Mental and Occupational Health.							<a href="#">m=190</a>
18	Anna-dhanya Suraksha Yojanechya Amalbajavanitil Shasanachi Bhumika <b>(English Title: The Role of Government in the Implementation of the Food Security Scheme)</b>	Prof. R.M. Wath	Commerce	Ajanta Journal	2019	2277-5730	Yes	<a href="https://www.indiramahavidyalaya.com/pdfpage.php?unum=781">https://www.indiramahavidyalaya.com/pdfpage.php?unum=781</a>
19	GST palanache tantradyan vastu v seva kar network: labh ani samasya <b>(English Title: The Technology of GST Compliance and the Goods and Services Tax Network: Benefits and Challenges)</b>	Prof. R.M. Wath	Commerce	Ajanta Journal	2019	2277-5730	Yes	<a href="https://www.indiramahavidyalaya.com/pdfpage.php?unum=782">https://www.indiramahavidyalaya.com/pdfpage.php?unum=782</a>
20	Maharashtra Rajyachya Arthasankalpat Mahilanvishayi Tartudi va yojan:	R.M. Wath	Commerce	Gurukul international Multidisciplinary Research Journal	2019	2394-8426	Yes	<a href="https://www.indiramahavidyalaya.com/pdfpage.php?unum=783">https://www.indiramahavidyalaya.com/pdfpage.php?unum=783</a>



	Ek Drustikshep (English Title : Budgetary Allocations and Schemes for Women in the State Budget of Maharashtra: An Overview)							
21	Junglacha Vinash aani Hawamanbadal: Ek Abhyas (English Title: Deforestation and Climate Change: A Study)	N.V.Narule	Geograph y	Gurukul international Multidisciplin ary Research Journal	2019	2394- 8426	Yes	<a href="https://www.indiramahavidyalaya.com/pdfpage.php?unum=784">https://www.indiramahavidyalaya.com/pdfpage.php?unum=784</a>
22	Vidyarthyanchi Sarvangin Surakhshata Palak va Shikshkachi Jababdari (English Title: The Comprehensive Safety of Students: Responsibilities of Parents and Teachers.)	S. Y. Lakhdive	Home economics	Gurukul international Multidisciplin ary Research Journal	2019	2394- 8426	Yes	<a href="https://www.indiramahavidyalaya.com/pdfpage.php?unum=785">https://www.indiramahavidyalaya.com/pdfpage.php?unum=785</a>
23	Samajik shastra Sanshodhanat Shaikshnik	Dr. G.P. Urkunde	Library	Gurukul international Multidisciplin	2019	2394- 8426	Yes	<a href="https://www.indiramahavidyalaya.com/pdfpage.php?unum=786">https://www.indiramahavidyalaya.com/pdfpage.php?unum=786</a>

	granthalaychi Bhumika ( <b>English Title:</b> The Role of Academic Libraries in Social Science Research.)			ary Research Journal				
24	Strijanivecha Hunkar : Kamal Desai Aani Vijaya Rajadhyksha ( <b>English Title:</b> The Roar of Women's Writing: Kamal Desai and Vijaya Rajadhyaksha.)	Dr. V.P. Mandavkar	Marathi	Gurukul international Multidisciplin ary Research Journal	2019	2394-8426	Yes	<a href="https://www.indiramahavidyalaya.com/pdfpage.php?unum=797">https://www.indiramahavidyalaya.com/pdfpage.php?unum=797</a>
25	Swatantryottar Sathpurva Vaidharbiya kadambaritil Samajik Janiva ( <b>English title:</b> Social Consciousness in Post-Independence Mid-20th Century Novels from Vidarbha.)	Dr. P. Mandavkar	Marathi	Gurukul international Multidisciplin ary Research Journal	2019	2394-8426	Yes	<a href="https://www.indiramahavidyalaya.com/pdfpage.php?unum=795">https://www.indiramahavidyalaya.com/pdfpage.php?unum=795</a>
26	Teaching Methodology in Geography at	N.V.Narule	Geograph y	Vidyawarta International Multilingual	2018	2319 - 9318	Yes	<a href="https://www.indiramahavidyalaya.com/pdfpage.php?unum=315">https://www.indiramahavidyalaya.com/pdfpage.php?unum=315</a>

	College level			Research Journal				
27	Jagtik Tpm Ani Prayawarn Pradushan: ek abhyas ( <b>English Title:</b> Global Temperature and Environmental Pollution: A Study)	N.V.Narule	Geograph y	Vidyawarta International Multilingual Research Journal	2018	2319 - 9319	Yes	<a href="https://www.indiramahavidyalaya.com/pdfpage.php?unum=314">https://www.indiramahavidyalaya.com/pdfpage.php?unum=314</a>
28	A chief, industrial waste, activated red mud for subtraction of methylene blue dye from environment	Dr. P R Bonde (Pal)	Chemistry	Material Today: Proceeding	2018	2214- 7853	Yes	<a href="https://www.indiramahavidyalaya.com/pdfpage.php?unum=809">https://www.indiramahavidyalaya.com/pdfpage.php?unum=809</a>
29	Strengthening of photovoltaic and supercapacitive properties of graphene oxide- polyaniline composite by dispersion of $\alpha$ - Al <sub>2</sub> O <sub>3</sub> nanoparticles	K.R. Nemade	Physics	Chemical Physics Letters, 706, 647-651	2018	0009- 2614	Yes	<a href="https://www.indiramahavidyalaya.com/pdfpage.php?unum=224">https://www.indiramahavidyalaya.com/pdfpage.php?unum=224</a>
30	Effect of Shape on Thermophysical and Heat Transfer	K.R. Nemade	Physics	Materials Today: Proceedings, 5, 1635-1639	2018	2214- 7853	Yes	<a href="https://www.indiramahavidyalaya.com/pdfpage.php?unum=553">https://www.indiramahavidyalaya.com/pdfpage.php?unum=553</a>

	Properties of ZnO/R-134a Nanorefrigerant							
31	Mindfulness and Life satisfaction: A review	P.B. Ingle	Psychology	Ajanta Journal	2018	2277-5730		<a href="https://indiramahavidyalaya.com/profile/pdf_show.php?unum=189">https://indiramahavidyalaya.com/profile/pdf_show.php?unum=189</a>
32	Enhancement of photovoltaic performance of polyaniline/graphene composite-based dye-sensitized solar cells by adding TiO2 nanoparticles	K.R. Nemade	Physics	Solid State Sciences, 83, 99-106	2018	1873-3085	Yes	<a href="https://www.indiramahavidyalaya.com/pdfpage.php?unum=268">https://www.indiramahavidyalaya.com/pdfpage.php?unum=268</a>
33	Synthesis and characterization of cycloruthenation of cycloruthenated complexes	S.R. Khandekar	Chemistry	Gurukul international Multidisciplinary Research Journal	2018	2394-8426	Yes	<a href="https://www.indiramahavidyalaya.com/pdfpage.php?unum=796">https://www.indiramahavidyalaya.com/pdfpage.php?unum=796</a>
34	Inferiority of Women in Shashi Deshpande's Novel the binding wine	P.S.Jawade	English	Gurukul international Multidisciplinary Research Journal	2018	2394-8426	Yes	<a href="https://www.indiramahavidyalaya.com/pdfpage.php?unum=273">https://www.indiramahavidyalaya.com/pdfpage.php?unum=273</a>
35	Prakrutik Sansadhno ke Sanrkashan me Vyakti ki bhumika	N.V.Narule	Geography	Gurukul international Multidisciplinary Research Journal	2018	2394-8426	Yes	<a href="https://www.indiramahavidyalaya.com/pdfpage.php?unum=792">https://www.indiramahavidyalaya.com/pdfpage.php?unum=792</a>

	(English Title: The Role of Individuals in Conservation of Natural Resources)							
36	Mogalkalin Bhartacha Jama Kharcha (English Title: The Public Expenditure of Ancient India)	N.R.Thavale	History	Gurukul international Multidisciplinary Research Journal	2018	2394-8426	Yes	<a href="https://www.indiramahavidyalaya.com/pdfpage.php?unum=787">https://www.indiramahavidyalaya.com/pdfpage.php?unum=787</a>
37	Mahavidyalaya Granthalay Aani Mahiti Sakshrata (English Title: University Libraries and Information Literacy)	G.P. Urkunde	Library	Gurukul international Multidisciplinary Research Journal	2018	2394-8426	Yes	<a href="https://www.indiramahavidyalaya.com/pdfpage.php?unum=793">https://www.indiramahavidyalaya.com/pdfpage.php?unum=793</a>
38	Shramyogi Baba Amate (English Title: Worker Saint Baba Amte)	R.T.Aade	Marathi	Gurukul international Multidisciplinary Research Journal	2018	2394-8426	Yes	<a href="https://www.indiramahavidyalaya.com/pdfpage.php?unum=794">https://www.indiramahavidyalaya.com/pdfpage.php?unum=794</a>
39	Kishor Awastet mahiti wa tantradhyananacha Honara Parinam ek manasshastriya	P.B.Ingale	Psychology	Gurukul international Multidisciplinary Research Journal	2018	2394-8426	Yes	<a href="https://www.indiramahavidyalaya.com/pdfpage.php?unum=791">https://www.indiramahavidyalaya.com/pdfpage.php?unum=791</a>

	abbhyas (English Title: Psychological Study of the Impact of Adolescent Information and Technology Exposure)							
40	Strengthening of photovoltaic and supercapacitive properties of graphene oxide-polyaniline composite by dispersion of $\alpha$ -Al <sub>2</sub> O <sub>3</sub> nanoparticles	Kailash Nemade , Pradip Tekade, Priyanka Dudhe	Physics	Chemical Physics Letters	2018	0009-2614	Yes	<a href="https://indiramahavidyalaya.com/profile/pdf_show.php?unum=1222">https://indiramahavidyalaya.com/profile/pdf_show.php?unum=1222</a>
41	Enhancement of photovoltaic performance of polyaniline/graphene composite-based dye-sensitized solar cells by adding TiO <sub>2</sub> nanoparticles	Kailash Nemade , Pradip Tekade, Priyanka Dudhe	Physics	Solid State Sciences	2018	1293-2558	Yes	<a href="https://indiramahavidyalaya.com/profile/pdf_show.php?unum=1223">https://indiramahavidyalaya.com/profile/pdf_show.php?unum=1223</a>
42	Effect of Shape on Thermophysical	P.B. Maheshwar ya,	Physics	Materials Today: Proceedings	2018	1635–1639	Yes	<a href="https://indiramahavidyalaya.com/profile/pdf_show.php?unum=1224">https://indiramahavidyalaya.com/profile/pdf_show.php?unum=1224</a>

	and Heat Transfer Properties of ZnO/R-134a Nanorefrigerant	C.Handa, K.R. Nemadec						
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