

**PUBLICATIONS OF  
C.S.ANANDA KUMAR,M.Sc., M.Phil.,  
HOD OF PHYSICS  
ISSN JOURNAL ARTICLES 14  
ISBN BOOK CHAPTERS 15**

<b>S.N O</b>	<b>Type International /National/ State</b>	<b>Title of the publication/Book chapter</b>	<b>Journal/Book chapter</b>	<b>Publication History ISSN/ISBN</b>
01	International	Spectroscopic Properties of Borate Glasses Doped with a Transition Metal Ion	GIS Science Journal <a href="http://www.gisscience.net?VOULME10-ISSUE-11-2023/">http://www.gisscience.net?VOULME10-ISSUE-11-2023/</a> Doi:20.18001.gsj2022,v10111.23411 665 UGC Cre List Group 2- Scopus Active Journal -2	ISSN No : 1869-9391 Vol.10.Issue 11 November 2023 P.Nos 35-41
02	International	A review on Applications of Smart Materials	International Journal of Novel Research and Development ( <a href="http://www.ijnrd.org">www.ijnrd.org</a> ) IJNRD2312055	ISSN No : 2456-4184 Vol 8 Issue11 Impact Factor : 8.76 November 2023 Page Nos::a418-a424
03	National	Research on Environmental Education ( chapter 32)	International Webinar on “ Research Methodology in Evironment Sciences” YVNR Gdc, Kaikaluru	ISBN 973-93-90028-80-1 Feb 2024 P.Nos 200-207 Roshan Publiishers – Visakhapatnam and published by YVNR GdC, Kaikalur
04	International	Basic understanding of Mixed-Method Research International Institute of Organised Research (I2OR), India2021, No.3179, Sector 52, Chandigarh(160036) India.	International Conference Proceedings on “ Pathways to Discovery and Innovation: Nurturing Researchers for Tomorrow”	ISBN No : 978-321-967563-1-4 April 2024, P.No 64-68 Chapter No : 26
05	International	A glimpse into the present status of Energy Storage Systems (ESS) through real-wrld instances	International Journal of Novel Reserch and Development . Open-access, peer-reviewed journal	ISSN : No : 2456-4184 IJNRD,ORG 2024 IJNRD Vol No.9. Issue No : 9 Impact Factor : 8.76 P Nos d745-d749 Septermber 2025.
06.	International	Importance, Historical Overview & significance of Energy Storage Systems (ESS)	International Jounral of Reserch and anylitical reviews(IJRAR) UGC Approved Jounal No :43602	E-ISSN 2348-1269 P-ISSN 2349-5138 Volume 11, Issue 4 Impact Factor :7.15 Page No: 552-556 October 2024

<b>S.N O</b>	<b>Type International /National/ State</b>	<b>Title of the publication/Book chapter</b>	<b>Journal/Book chapter</b>	<b>Publication History ISSN/ISBN</b>
07	National	Sustainable Green Horizon Practices for a Better Tomorrow	Springer Nature	ISSN :2468-5747 ISBN 978-94-6463-648-2 P.No 68 November 2024.
08	International	A Comprehensive Review of Nanoparticle Characterization Techniques	International Journal of Research; Website <a href="http://www.ijrjournal.com">www.ijrjournal.com</a> Peer Reviewed Journal	P-ISSN 2454-2237 E-ISSN : 2349-9788 Volume 12; Issue : 1 P.No.194-200 January 2025
09	International	The Promise of Nanotechnology in the future	International Journal of Creative Research Thoughts (IJCRT) <a href="http://www.ijcrt.org">www.ijcrt.org</a> , Peer Reviewed Open Access Journal	ISSN- 2320-2882 2025 IJCRT Volume 13 Issue 1, P.No.a692-a696 January 2025
10	International	India's Traditional Knowledge Framework	Bohal Shodh Manjusha Google Scholar	ISSN : 2395-7115 Impact Factor : 8.642 Page Nos 218 to 225 April 2025
11	International	Nano-wonders: Frontiers of Nanotechnology	DAT-SERB/ANRF Sponsored International Conference on Biobased Environment for Sustainable Territory _ ICBEST- 24) 7 <sup>th</sup> -8 <sup>th</sup> Nov Department of Chemistry e-mail: <a href="mailto:chemistrydepartment@gcrjy.ac.in">chemistrydepartment@gcrjy.ac.in</a>	ISBN: 978-93-341-3965-5 P.No. 99-100 November, 2024
12	International	Crafting a Research Frame Work	(International Webinar on Research Methodology in Material Science- YV.NR.Government Degree College, Kaikaluru) Published by YVNR Govt.Degree College, Kakilaru, in association with ROSHAN Publications, Visakhapatnam	ISBN: 978-93-90028-56-6 Chapter :8 P.No.28-32, Rohan Publications, Visakhapatnam January 2025
13	International	Evaluate Literature Analysis in Research Development	(International Webinar on Research Methodology in Material Science – YVNR Govt.Degree College, Kaikalur) Published by YVNR Govt Degree College, Kaikalur in association with Roshan Publications, Visakhapatnam	ISBN: 978-93-90028-56-6 Chapter 10 P.No: 37-43 Roshan Publications, Visakhapatnam January 2025

<b>S.N O</b>	<b>Type International /National/ State</b>	<b>Title of the publication/Book chapter</b>	<b>Journal/Book chapter</b>	<b>Publication History ISSN/ISBN</b>
14	International	A comprehensive Review on Nanoparticle in construction materials	(International Webinar on Research Methodology in Material Science – YVNR Govt. Degree College, Kaikalur) Published by YVNR Govt Degree College, Kaikalur in association with Roshan Publications, Visakhapatnam	ISBN : 978-93-90028-56-6 P.No.65-70. Chapter 15 Roshan Publications, Visakhapatnam January 2025
15	International	Innovative Materials from CO <sub>2</sub>	smart materials (ICFSM-2k25) KBN College- Vijayawada	ISBN: 978-81-983232-4-8 P.No.43, Chapter 43 February 2025
16	National	A Holistic Approach to Sustainable Development Goals and the Post-2015 Agenda	National Seminar entitled Sustainable Living Practices for a Healthier Environment- Hindu college-Guntur In collaboration with A.P. Pollution control Board	ISBN: 978-93-342-1300-3 P.No. 15-24 February 2025
17	National	Sustainable waste management through zero waste principles	National Seminar entitled "Sustainable practices for socio economic and environmental development" Org by Dept of Environmental Sciences, Acharya Nagarjuna University-Guntur	ISBN : 978-93-490-2284-3 P.No.248-258 Chapter 26 February 2025
18	National	Transforming future computing and electronics with quantum transistors & dots	National Seminar on Advancing Quantum Frontiers: Optoelectronic Smart Materials for Next-Gen Technologies 24 <sup>th</sup> & 25 <sup>th</sup> February 2025 org by Dept of Physics Andhra Loyola College, Vijayawada-8	ISBN : 978-893-342-2475-7 P.No 17-19 February 2025
19	National	The role of novel soft materials in shaping the future	National Conference on Interdisciplinary for Materials Science for Sustainable Energy & Environment Article NCIMSSEE-2025, Dept of Physics( 26-27 <sup>th</sup> ) March 2025, GDC-Hanumakonda	ISBN: 978-81-980548-5-2 P.No. 73 March 2025
20	National	Why Lithium-Ion Batteries Stand Out: Advantages and Applications	National Seminar on Convergence of Chemistry and Physics in Advanced Nanomaterials & Nanotechnology 28 and 29 <sup>th</sup> March 2025, Idela College, Kakinada, <a href="http://www.kypublications.com">www.kypublications.com</a> , <a href="mailto:editorkypublications@gmail.com">editorkypublications@gmail.com</a> <a href="http://kypublications.com">http://kypublications.com</a>	ISBN(Print): 978-93-92760-68-6 P.No.185-192 March 2025
21	International	Advancing construction & stabilization with Nanomaterials	International Journal of Novel research and Development (IJNRD) (Peer-reviewed Reference Journal open access)	ISSN: 2456-4184 P.No.a271 –a277 Impact Factor 8.76 June 2025

S.N O	Type International /National/ State	Title of the publication/Book chapter	Journal/Book chapter	Publication History ISSN/ISBN
22	International	Linking policy and politics in climate action- An Overview ( Review Paper)	International Journal of Research and Review: (Indexed, Peer Reviewed Journal)	P-ISSN: 2349-9788 E-ISSN : 2454-2237 Volumer 12, Issue : 6, Page No : 364-369 June 2025
23	International Conference	Sustaniable growth for all : Jobs: Water & energy	International conference on “ Sustainable Goals to revitalize and transform India” by Ch.S.D.St.Theresas College for Women (A), Eluru	International Jounal of Academic Research P-ISSN- : 2348-7666 Volume 12, Impact Factor 6.023 July-Septermembr 2025 Issue <b>3</b>
24	International Conference	From challenges to solutions “ India Evolving SDV Narrative(SDV – Sustainable Development Goals)	<b>Internatinal Journal of academic research</b>	P-ISSN-2348-7666 Vol12, Impact Factor : 6.023 July-Sept: 2025 Issue
25	International	Bio-ceramics in Biomedical engineering materials, methods and clinical relevance ( Review Article)	European Journal of Biomedical & pharmaceuticals sciences <a href="http://www.ejbps.com">http://www.ejbps.com</a>	ISSN: 2349-8870 Vol 12, Issue 10 Impact Facgor 7.482 P.No 290-294 September 2025
26	<b>International</b>	Turning the Tide: climate change, Desertification and the WMO	International Journal of Creative Research Thoughts ( IJCRT)	ISSN- 2320-2882 Vol : 13, PNo 91-98 August 2025
27	National Seminar	Bioplastics to Biosuper conductors : Weaving sustanibaility with futuristic polymers	National Seminar on “ emerging Trends in catalytic synthesis of Small Molecules”, P.R.college, Kakinada	ISBN : 978-93-92760-65-5 Chapter : 19 P.No. 124-127 12 <sup>th</sup> Sept 2025
28	National Seminar	Energy –efficient construction using polymers and nanomaterials	National Seminar on “ emerging Trends in catalytic synthesis of Small Molecules”, P.R.college, Kakinada	ISBN : 978-93-92760-65-5 Chapter : 20, P.No. 128-135 12 <sup>th</sup> Sept 2025
29	International	“ The Material that Heals” ( Review Article)	European Journal of biomedical pharmaceuticals science <a href="http://www.ejbps.com">http://www.ejbps.com</a>	<b>ISSN: 2349-8870</b> <b>Vol12, Issue 10,</b> <b>Impact Factor: 7.482</b> <b>P.Nos 295-300</b> <b>30-9-2025</b>

<b>S.N O</b>	<b>Type International /National/ State</b>	<b>Title of the publication/Book chapter</b>	<b>Journal/Book chapter</b>	<b>Publication History ISSN/ISBN</b>
30	National Seminar	Nanofields to Ferrofields – thermal and Magnetic Functionalities	International Journal of Engineering Research- Online	ISSN: 2321-7758 Volume 14, P.No 91-98 24 <sup>th</sup> January 2026
31	National Seminar	“Geometrical and component modeling approaches for recrystallization and grain growth simulations”	International Journal of Engineering Research- Online	ISSN: 2321-7758 Volume 14, P.No 102-107 24 <sup>th</sup> January 2026
32	<b>International webinar</b>	“ IPR – driven strategies for energy efficieant and sustainable growth”	Two- Day International Webinar on “ Intellectual Property rights in Environmental Science: A global sustainable future on 19 <sup>th</sup> 20 <sup>th</sup> Feb 2026 YVNR Govt Degree College, Kaikaluru	ISBN : 978-93-5779-472-5 Chapter No : 09, P.No.32-34 March 2026
33	National Conference	“ A life cycle perspective on the environmental effects of building materials”	Two-Day National conference on Echos of the Past, Beans of light: Exploring the scientific phenomena behind telangana architecture-2026 by Govt Degree College, Nelakondapalli, Khammam Dist	Sponsored by PM-USHA ( RUSA) on 6-7 <sup>th</sup> March <b>2026</b>
34	International Conference	“ Two dimensional FET biosensors in medical Diagnostics”	International conference on Eco-Adaptive research for Techno-sustainable harmony organized by SRR & CVR Govt.Degree College, Vijayawadain associating with International Journal of scientific research in Science & Technology	P-ISSN: 2395-6011 Vol13,Issue 11 On 20 <sup>th</sup> March 2026 International peer reviewed , open accessJournal
35	3 day International Conference	“Ferriate Materials in Microwave engineering: An Overview:	3 – day international conference on “ Bio-digital Alchemy: global innivations in AI-Quantum enablem transfomations of next-generation smart materials and life sciences, organic by Bapatla Engineering College	ISBN: 978-93-5773-598-8 P.No.349-353 23 <sup>rd</sup> to 25 <sup>th</sup> March 2026

