

Research Publications from 2020-2021

DEPARTMENT OF PHYSICS

				<u>2020-2021 (13)</u>				
33	<i>Environmental Pollution in India.</i>	Dr.L Malleswara Rao, Dr.APV Appa Rao, J Rama Mohan, P Ramakrishna Rao, Ch. Sundar Singh & KCSV Ramana	<i>“Ajanta” International Interdisciplinary Quarterly Research Journal,</i>	Volume IX, Issue II, April-June, 2020	(ISSN: 2277-5730, Impact Factor: 6.399, Peer Reviewed Referred and UGC-CARE Listed Journal-Serial No. 40776).	pp: 135-140	1. http://www.ajantaprakashan.com/ajanta_journal.html	
34	<i>Role of Nanomaterials in Nanotechnology.</i>	Dr.L Malleswara Rao, J Rama Mohan, Dr.APV Appa Rao, Ch. Sundar Singh, Dr K. Ramnarayana & P Ramakrishna Rao	<i>Conference Proceedings of One day online International Conference on Advanced Materials</i>	organised by P.C Jabin Science College, Vidyanagar, Hubballi, Karnataka on 20 th July, 2020	(ISBN: 978-93-540815-5-2)	pp:228-238.		
35	<i>Role of ICT in Open and Distance Mode in Teaching Learning Process.</i>	Dr.L Malleswara Rao, J Rama Mohan, Dr.APV Appa Rao, P Ramakrishna Rao, Ch. Sundar Singh & Dr K. Ramnarayana	<i>“Research Journey” International E-Research Journal</i> (Peer Reviewed & Indexed Journal)	Special Issue 249 (A), July, 2020	(E-ISSN: Impact Factor: 6.625, UGC-CARE Group 'IT' Journals list -Serial No.).	2348-7143,	1. https://www.researchjourney.net/ 2. https://www.researchjourney.net/special-issues	
36	<i>Renewable Energy Technologies: Future Roadmap.</i>	Dr.L Malleswara Rao, J Rama Mohan, Dr.APV Appa Rao, Ch. Sundar Singh, Dr Ch Kanaka Rao & P Ramakrishna Rao	<i>E-Abstract Proceedings of 3-day International Virtual Conference on Impact of</i>	on 24 th -26 th July, 2020, Organised by Andhra University Visakhapatnam and Andhra Pradesh				

			<i>Chemical Disasters on BIOTA (ICDB-2020)</i>	Akademi of Sciences				
37	<i>Usage of ICT E-Learning tools in Distance Education.</i>	J Rama Mohan, Dr.L Malleswara Rao , Dr.APV Appa Rao, P Ramakrishna Rao, Ch. Sundar Singh & Dr K. Ramnarayana	<i>E-Proceedings of 2 day International Webinar on Online Programme in Distance Education (OPDE-2020)</i>	on 2 nd & 3 rd July, 2020 organised by Department of Education, Bharathidasan University, Tiruchirappalli, Tamil Nadu.				
38	<i>Usage of Carbon Nanotubes in Energy Storage.</i>	Dr.L Malleswara Rao , J Rama Mohan, Dr.APV Appa Rao, P Ramakrishna Rao & Ch. Sundar Singh	E-Abstract Book Proceedings (RDMPMC2020) of National Online Conference on Research and developments in Materials Processing, Modelling and Characterisation 2020 (RDMPMC-2020)	on 26 th & 27 th August, 2020 organised by Department of Metallurgical and Materials Engineering, NIT, Jamshedpur, Jharkhand. (S.No.81)				
39	<i>Disaster Management in India: Prevention, Mitigation & Preparedness</i>	Dr.L Malleswara Rao , J Rama Mohan	<i>Journal of Emerging Technologies and Innovative Research (JETIR)</i>	Volume 7, Issue 8, August, 2020	(ISSN: 2349-5162, Impact Factor: 5.87, UGC Journal No. 63975).		1. https://www.jetir.org/view?paper=JETIREF06005 2. https://www.jetir.org/papers/JETIREF06005	
40	<i>Biodiversity in India: Threats</i>	Dr.L Malleswara Rao , J	<i>E-Proceedings</i>	15 th September	(ISBN: 978-	pp:67	1. http://www.kypublications.	

	<i>and Conservation</i>	Rama Mohan, Dr.APV Appa Rao, P Ramakrishna Rao & Ch. Sundar Singh	<i>of International e-Conference on Innovation in Rural Empowerment, Social Dynamics and Welfare in India,</i>	2020 organised by Department of Management Studies, Nandha College of Technology, Erode, Tamil Nadu,	93-877483-6-1).		com/books%20published%20with%20ISBN.html 2.	
41	<i>Impact of Covid 19 on the Environment.</i>	Dr.L Malleswara Rao, J Rama Mohan, Dr.APV Appa Rao, P Ramakrishna Rao, Ch. Sundar Singh & Dr K. Ramnarayana	<i>“Ajanta” International Interdisciplinary Quarterly Research Journal</i>	Volume IX, Issue III, July-September, 2020	(ISSN: 2277-5730, Impact Factor: 6.399, Peer Reviewed Referred and UGC-CARE Listed Journal-Serial No. 40776).	pp:25-32	1. http://www.ajantaprakashan.com/ajanta_journal.html	
42	<i>A Positive Effect of Nanotechnology on Global Warming.</i>	Dr.L Malleswara Rao, J Rama Mohan, Dr.APV Appa Rao, Ch. Sundar Singh, Dr Ch Kanaka Rao & P Ramakrishna Rao	<i>Abstract Proceedings of First International Virtual Conference on Nanomaterials (FIVCON-2020)</i>	on 10 th -12 th September, 2020 organised by Department of Nanotechnology, Acharya Nagarjuna University, Guntur		pp: 54.		
43	<i>Impact of Technology in Teaching Programs.</i>	Dr.L Malleswara Rao, J Rama Mohan, Dr.APV Appa Rao, Ch. Sundar Singh, P Ramakrishna Rao & Dr Ch Kanaka Rao	<i>Conference Proceedings of 3 Day International E-Conference On Multidisciplinary Education System (Transforming</i>	Divya Lakshmi Publishers and Distributors, Lohia Nagar-Meerut, Edition: 2020,	(ISBN: 978-93-90226-05-4).	Pp: 95-100		

			India Into Digital Economy					
44	<i>Role of Yoga in Education and Physical Education.</i>	Dr.L Malleswara Rao, J Rama Mohan, Dr.APV Appa Rao, Ch. Sundar Singh, Dr Ch Kanaka Rao & P Ramakrishna Rao	<i>“Ajanta” International Interdisciplinary Quarterly Research Journal,</i>	Volume IX, Issue III, October-December, 2020,	(ISSN: 2277-5730, Impact Factor: 6.399, Peer Reviewed Referred and UGC-CARE Listed Journal-Serial No. 40776).	pp:141-146	1. http://www.ajantaprakashan.com/ajanta_journal.html	
45	<i>Impact of Climate Change on Biodiversity in India</i>	Dr.L Malleswara Rao, J Rama Mohan, Dr.APV Appa Rao, & P Ramakrishna Rao	<i>“Akshar Wangmay” Peer Reviewed International Research Journal,</i>	Special Issue-I, , September, 2020	(ISSN: 2229-4929, Impact Factor: 6.2, UGC-CARE Group 'II' Journals list - Serial No. 21259).	pp: 38-47		
				<u>Edited Books (05)</u>				
02	<i>Role of Women in Science and Technology.</i>	Dr.L Malleswara Rao, Dr.APV Appa Rao J Rama Mohan, P Ramakrishna Rao, Ch. Sundar Singh	<i>Chapter-5, Published Book, “Human Rights: Issues, Challenges and Present Status” Anu books, New Delhi, First published</i>	July, 2020	(ISBN: 978-93-90115-16-7).	Pp:		
03	<i>Higher Education Sector in India in the post COVID 19 Era: Issues & Challenges.</i>	Dr.L Malleswara Rao, J Rama Mohan, Dr.APV Appa Rao, Ch. Sundar Singh, Dr Ch Kanaka Rao & P Ramakrishna Rao	<i>Chapter 3, Published Book, Maharaja Agrasen University</i>	First edition, 2020	(ISBN: 978-81-942547-4-4)			

			<i>Publication, New Delhi</i>					
04	<i>Impact of Covid 19 on Education and Economy in India.</i>	Dr.L Malleswara Rao, J Rama Mohan, Dr.APV Appa Rao, Ch. Sundar Singh, Dr Ch Kanaka Rao & P Ramakrishna Rao	<i>Chapter 22, Published Book, Likhitha Publications, Kakinada</i>	First Edition 13 th September, 2020	(ISBN: 978- 81-947061-2- 0)	pp: 136-140		
05	<i>Renewable Energy Resources in India.</i>	Dr.L Malleswara Rao, Dr.APV Appa Rao, J Rama Mohan, P Ramakrishna Rao, Ch. Sundar Singh & KCSV Ramana	<i>Chapter 8, Walnut Publication, Bhubaneswar</i>	First published in November, 2020	(ISBN: 978- 893902616-7- 3).	pp: 78-87		
06	MOOCs: “A New Era in Online Teaching”. Edited Book ”COVID 19: Pedagogical Issues, Challenges And Opportunities”.	Dr.L Malleswara Rao, J Rama Mohan, Dr.APV Appa Rao, P Ramakrishna Rao & Ch. Sundar Singh	<i>Chapter 2, Adhyayan Publishers & Distributors, New Delhi</i>	First published in March, 2021,	(ISBN: 978- 93-88804-99- 8).	pp: 17-30		