



St. Martin's Engineering College

(UGC Autonomous)

NBA & NAAC A+ Accredited

Dhulapally, Secunderabad-500 100

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Department: S & H					
Academic Year:2021-22					
IJ	Total number of research publications in international journals (SCI/SCOPUS/UGC Care II)			43	
	Details of research publications:				
S.No.	Name of Authors	Title of the Research Article	Journal Detail (Name, vol., issue./no., pp, ISSN, IF/Cite_Score)	Month and Year	
1	Dr Venkanna K	Effective utilization of light by transparent conducting oxide layer to enhance the performance of the silicon heterojunction solar cells	Bulletin of Material Sciences - <i>Indian Academy of Sciences</i> , vol.233, Issue 44, pp.1-7,ISSN: 0250-4707.	JULY, 2021	https://drive.google.com/file/d/1mQY0slJnJQI0m_CUraR1liU7GADnIBW/view?usp=sharing
2	Dr.A .Aditya Prasad	Growth, characterization and theoretical studies of cadmium(II) thiourea complexes: a comparative study	Inorganic and Nano-Metal Chemistry, vol.51, pp.1-12,ISSN: 2470-1564.	JULY, 2021	https://drive.google.com/file/d/1s9PsVvMCR6y64hkGOx315NnQ_s5oW-rH/view?usp=sharing
3	K. Rajyalakshmi	Contemporary Realities of Urban Women and the Standard Patterns of Indian Society: A Study from the Novels of Shashi Deshpande and Shobha De	International Journal of Scientific Research and Engineering Development, vol.4, Issue 4, pp.960-963,ISSN: 2581-7175.	AUG, 2021	https://drive.google.com/file/d/1vZ8EKKfy1ZQKUCHjoPsUtjsTW9juCYmO/view?usp=sharing
4	Dr A.Rambabu	Spectroscopic, quantum	Journal of Molecular	SEP, 2021	https://drive

		chemical calculations, antioxidant, anticancer, antimicrobial, DNA binding and photo physical properties of bioactive Cu(II) complexes obtained from trifluoromethoxy aniline Schiffbases	Structure, vol.1249, Issue 13, pp.1-13,ISSN: 0022-2860.		e.google.com/file/d/1L5z7g1IO5XWeaisScOM9BTh31k0484-v/view?usp=sharing
5	UpendeKarka	Liquid stream in deformable porous materials	International Journal of Psychosocial Rehabilitation, vol.25, Issue 3, pp.734-748,ISSN: 1475-7192.	DEC, 2021	https://drive.google.com/file/d/108Phg5rUA_i4nl7qh_nmFg5zzj8793ne/view?usp=sharing
6	D.Pragati	Non -Linearities of optical fiber affecting modern communication system	International Journal of Psychosocial Rehabilitation, vol.25, Issue 3, pp780-788,ISSN:1475-7192.	DEC, 2021	https://drive.google.com/file/d/1UDFOAkZ0H87StyK3bSgY15gy4X-W5H-9/view?usp=sharing
7	M.Jhansi Lakshmi	Laplace Transform: Developing the Variational Iteration Method	International Journal of Psychosocial Rehabilitation, vol.25, Issue 3, pp.758-763,ISSN: 1475-7192.	Dec, 2021	https://drive.google.com/file/d/1kv9wpdGILjn9_Y1VyFE9CRwZhrHigvqQ/view?usp=sharing
8	B.Rajeswari	Stage craft: an analysis of scenographic network in the thematic concerns in maheshdattani's plays	International Journal of Psychosocial Rehabilitation, vol.25, Issue 3, pp.789-793,ISSN: 1475-7192.	DEC, 2021	https://drive.google.com/file/d/1rqqzed_PRqpgf0MFPsZUyK60zJkmvpF/view?usp=sharing
9	V.RajasekharRedd	Physico- Chemical Parameters	International Journal of	DEC, 2021	https://drive

	y	Of Krishna River Water Especially At JawaharNettempadu Project	Psychosocial Rehabilitation, vol.25, Issue 3, pp.883-842,ISSN: 1475-7192.		e.google.com/file/d/1VjA8DTXeyjpJ035DYTTT8-FC6HpLEl5y/view?usp=sharing
10	V.Rama Krishna	Heavy Metals in Ground Water Analysis of Hyderabad Industrial Area	International Journal of Psychosocial Rehabilitation, vol.25, Issue 3, pp.826-832,ISSN: 1475-7192.	DEC, 2021	https://drive.google.com/file/d/1wr1EQn2Lin1ZNB6UalUdmaGet5D0Vd2R/view?usp=sharing
11	T.Nikhila	A Study on leverages of hindustanunileverlimited	International Journal of Psychosocial Rehabilitation, vol.25, Issue 3, pp.808-815,ISSN: 1475-7192.	DEC, 2021	https://drive.google.com/file/d/1gAtfPHN48iLf184CA2p38GIDwEpURdGd/view?usp=sharing
12	S. MalliBabu	Hand Gesture Detection using Deep Learning	International Journal of Psychosocial Rehabilitation, vol.25, Issue 3, pp.794-807,ISSN: 1475-7192.	DEC, 2021	https://drive.google.com/file/d/1FhHIBSRVC8IKB_kdEIm1wmbvHmXTrwXz/view?usp=sharing
13	K.YaminiBhargavi	Digital Gold- The Current Investment Trend In India	International Journal of Psychosocial Rehabilitation, vol.25, Issue 3, pp.843-847,ISSN: 1475-7192.	DEC, 2021	https://drive.google.com/file/d/1l_qMaZVDJnt8p1f8xnZhikD7xQEuTMdZ/view?usp=sharing
14	Kanaka	Impact of covid-19 on	International Journal of	DEC, 2021	https://drive

	MahaLaxmi	indianstock market	Psychosocial Rehabilitation, vol.25, Issue 3, pp.749-757,ISSN: 1475-7192.		e.google.com/file/d/1cSzCNieRo2iYmnMKKZk-hv14RAa9avkK/view?usp=sharing
15	B.Shravani	A study on corporate entrepreneurship development through organizational learning ability and job satisfaction	International Journal of Psychosocial Rehabilitation, vol.25, Issue 3, pp.764-770,ISSN: 1475-7192.	DEC, 2021	https://drive.google.com/file/d/1Hj2h54IxrIMIMlwmyKdVctfhsT4Fc2O3/view?usp=sharing
16	LaxmiPrasanna	Impact of Mall Attributes on Shoppers Shopping Behavior in UB City Mall of Bengaluru City	International Journal of Psychosocial Rehabilitation, vol.25, Issue 3, pp.816-825,ISSN: 1475-7192.	DEC, 2021	https://drive.google.com/file/d/1JzJ1rENHUs9O5A-WqpQb-Glvx5nxgMfr/view?usp=sharing
17	N.Mallesh	Developing Speaking and Listening Skills of ESL learners through Use of English Language Movies or Broadcast	International Journal of Psychosocial Rehabilitation, vol.25, Issue 3, pp.771-779,ISSN: 1475-7192.	DEC, 2021	https://drive.google.com/file/d/1P5kci8tQFGslbiiQ-QhamVwnT-DliBup/view?usp=sharing
18	Ch. Bhaskara Rao	Improving students' listening skill and vocabulary mastery through contextual teaching and learning (CTL)	Nova SpatiumSapientiae, pp.72-82	DEC, 2021	https://drive.google.com/file/d/1NbHJhH-NpCIOMQ3KNggjoHfKtN1ksjI

					F/view?usp=sharing
19	Dr A.Rambabu	A Treatise on Furan Cored Schiff Base Cu(II), Ni(II) and Co(III) Complexes Accentuating Their Biological Efficacy: Synthesis, Thermal and Spectroscopic Characterization, DNA Interactions, Antioxidant and Antibacterial Activity Studies	Chemistry and Biodiversity, vol.19, pp.1-15,ISSN:	JAN, 2022	https://drive.google.com/file/d/16KP0SiOEz usnEh7Y6 kWIXH3k CrkddFhI/view?usp=sharing
20	G. Chandra Mohan	A Study on Applications of Engineering Mathematics	Compliance Engineering Journal, vol.13, Issue 1, pp.112-116,ISSN: 0898-3577.	JAN, 2022	https://drive.google.com/file/d/1Q82KLJW fVxSGfOY X1Zlqoyd bKlbRzYIT/view?usp=sharing
21	C.Vamshi Krishna	A study on real number system in real analysis and complex analysis	Compliance Engineering Journal, vol.13, Issue 1, pp.83-93,ISSN: 0898-3577.	JAN, 2022	https://drive.google.com/file/d/16fwyRSPiUMc4OsOC vx8ppChN OPlNfE41/view?usp=sharing
22	B.Ramadevi	Evaluation of integrals using Beta and Gamma functions	Compliance Engineering Journal, vol.13, Issue 1, pp.77-82,ISSN: 0898-3577.	JAN, 2022	https://drive.google.com/file/d/1wmVf4aoe psPB1qtuK 2kOYpjpx qbF47b0/vi ew?usp=sharing
23	K.RameshBabu	A review of phenomena behind optical biosensors	Compliance Engineering Journal, vol.13, Issue 1, pp.51-60,ISSN: 0898-3577.	JAN, 2022	https://drive.google.com/file/d/1v_07EPrtHe

					t07mRC7TIKmTkaGcK-WgS6/view?usp=sharing
24	G.Sangeetha	A Review on Zinc Oxide Nanoparticles and Their Applications	Compliance Engineering Journal, vol.13, Issue 1, pp.164-170,ISSN: 0898-3577.	JAN, 2022	https://drive.google.com/file/d/13Y7RmY7zIK-9V7E7QKBWnSqfYeE7pUt/view?usp=sharing
25	Dr Ramachandra Kumar R	Learning and Teaching English Pronunciation is So Difficult: Why?	Compliance Engineering Journal, vol.13, Issue 1, pp.117-131,ISSN: 0898-3577.	JAN, 2022	https://drive.google.com/file/d/1Hu0RhpIbXGUQJroo_BVs3rNgugT1VkJr/view?usp=sharing
26	G.VenkataHarini	Review on Immunotherapy-development of an alternative cancer treatment	Compliance Engineering Journal, vol.13, Issue 1, pp.157-163,ISSN: 0898-3577.	JAN, 2022	https://drive.google.com/file/d/1782eDUNmDq292ooHHFa0YJxMISXqEkZD/view?usp=sharing
27	K. Sudha	A Conceptual Framework on Effectiveness of Human Resource Management Impact on Improving HR Policies	Compliance Engineering Journal, vol.13, Issue 1, pp.77-82,ISSN: 0898-3577.	JAN, 2022	https://drive.google.com/file/d/1PTMJgAfhg_L3PLD-6US-6ADhkZ0u2N14I/view?usp=sharing
28	K.Sathish	Performance & growth of	Compliance Engineering	JAN, 2022	https://driv

		commercial banks in mutual funds industry in indian economy	Journal, vol.13, Issue 1, pp.32-40,ISSN: 0898-3577.		e.google.com/file/d/12ijlWjzN4O2yxEbGqg-1YE-DDqTCOGPz/view?usp=sharing
29	A.Sarveswara Reddy	A Wavelet Analysis of Financial Market Performance in Major Markets	Compliance Engineering Journal, vol.13, Issue 1, pp.41-50,ISSN: 0898-3577.	JAN, 2022	https://drive.google.com/file/d/149rR6DqiMDe2PpXMzuJn7k7P86oQ_1nB/view?usp=sharing
30	G.Meenakshi	A Study on “Recruitment and Selection” at Intelenet Global Service	Compliance Engineering Journal, vol.13, Issue 1, pp.137-146,ISSN: 0898-3577.	JAN, 2022	https://drive.google.com/file/d/1QMUBJFYpDbBCqUJ5kbNwA2JI6L3V9I8H/view?usp=sharing
31	D.Nirosha	Performance appraisal of employees	Compliance Engineering Journal, vol.13, Issue 1, pp.94-99,ISSN: 0898-3577.	JAN, 2022	https://drive.google.com/file/d/1rt-XBkdysrHAk2JRSs3rCVCw7nO_LmhT/view?usp=sharing
32	G. Laxmikanth	Developing Students’ Writing Skills in English - A Process Approach	Compliance Engineering, vol.19, pp.1-15,ISSN: 1475-7192. Journal	JAN, 2022	https://drive.google.com/file/d/1w8DSuAA19sNkMqeCcT3wxvNBzAs4Rkaa/view?usp=sharing

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33	Dr. Nirmala Devi	Women Sensitiveness in Girish Karnad's the Fire and the Rain Hayavadana and Nagamandala	Smart Movies Journal, IJELLH, vol. 10, issue.3, pp. 61-69, ISSN: 2582-3574	April, 2022	https://drive.google.com/file/d/1TMjQGK0RDgmTlb1-VcviTIS9kdU1nAV/view?usp=sharing
34	Dr. Suresh	Retro Synthetic Approach on Synthesis of Quinoline Derivative Using Microwave Energy	Acta Scientific Agriculture, vol.6, issue 5, ISSN: 2581-365X	April, 2022	https://drive.google.com/file/d/1JqNvMfi8ca1oYEemRc2hdHdmU3encY_0/view?usp=sharing
35	Dr.SomeshwarSiddi	Identification of people affected from Corona virus using Artificial Intelligence	AIP Conference Proceedings, 2393, 020082	May 2022	https://drive.google.com/file/d/1w9QWXXJR8o0jdBPaaVYatmF_VfvZJTTV/view?usp=sharing
36	Dr. Suresh	Alginate Hydrogel Adsorbents in Adsorption of Inorganic and Organic Pollutants - A Review	Asian Journal of Chemistry, Vol. 34, No. 7, 1625-1632	June, 2022	https://drive.google.com/file/d/1HpJHiEp765Tp23HhZSWeW0TFUKIZqH9L/view?usp=sharing
37	M. SantoshiKumari	Natural cubic splines for singular boundary value problems	Journal of Xidian University, vol. 16, issue.5,ISSN: 1001-2400, pp. 562-572	June 2022	https://drive.google.com/file/d/17z7McnmW5ylKrH_KuPqeRTrp2_9dle-XK/view?usp=sharing
38	M. SantoshiKumari	Natural Cubic splines for Non linear singular boundary value problems	Journal of Xidian University, vol. 16, issue.5,ISSN: 1001-2400,	June, 2022	https://drive.google.com/file/d/1WZVyD4_L4A

			pp. 612-625		Ipeyvr33mE Wwua7JaLe C- 5/view?usp =sharing
39	Dr.Rambabu	Vanadium metal complexes inhibition studies on enzyme PTP-1B and antidiabetic activity studies on Wistar rats	Wiley, vol.16, pp. 1-12	April, 2022	https://drive.google.com/file/d/1XJmhyLg5n6Xdjajbk27gEBNGlEsSq2N0/view?usp=sharing
40	Dr.Rambabu	Studies on the serum glucose reducing effect of vanadium metal complexes on Wistar rats	Journal of Molecular Structure,1261,pp. 1-13	April, 2022	https://drive.google.com/file/d/1RexyQUZtPCSHqedFbEiOdNw1nBJEM00/view?usp=sharing
41	Dr.Nirmal Devi	Women's Depiction in Indian English Fiction	Gradiva Review Journal, vol.8, pp. 1059-1064	July, 2022	https://drive.google.com/file/d/1-yEt8i55gvfEkFPA4PIQYrkd3yo114d/view?usp=sharing
42	Dr.Nageswara Rao	Study of Plasma Parameters and Deposition Rate of Titanium Thin Film in a DC Magnetron Sputtering Method	Plasma Physics Report, vol. , 48, n0. 5, pp.548-559, ISSN 1063-780X,	July, 2022	https://drive.google.com/file/d/1JzI_qA5Eg3ZV6vZIBIGqPPQ7-CuIfLiR/view?usp=sharing
43	Dr.Someshwar	Trends and Challenges of Management Education in India	International Journal of Special Education Vol.37, No.3, 2022	July, 2022	https://drive.google.com/file/d/1oCMxAoGZIGIBaoWB

				uZ6BQpAdtYIZkzGA/view?usp=sharing
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