



St. Martin's Engineering College

(UGC Autonomous)

NBA & NAAC A+ Accredited

Dhulapally, Secunderabad-500 100

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Department: S & H						
Academic Year:2020-2021						
IJ	Total number of research publications in international journals (SCL/SCOPUS/UGC Care II)				57	
	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	A. Sarveswara Reddy	A study on Green packaging through Green Marketing Practices in flexible packaging of FMCG industries	Journal of Engineering Sciences, vol. 11, Issue. 6, pp. 1173-1182, ISSN, 0377-9254.	June, 2020	https://drive.google.com/file/d/1gbV8A1misW1Ex-uOPVJ54HxD_s_gXci5/view?usp=sharing	
2	K.Sudha	Effect on Indian Trade Markets after Covid 19 Lockdown	Advanced Sciences Letters, vol. 26, Issue. 6, pp. 1194-1199, ISSN,1936-6612.	June, 2020	https://drive.google.com/file/d/1dQloByOx8Vmlqr_NqUZMOUDX041HzBI/view?usp=sharing	
3	D.Nirosha	Classification and Factors Influencing Accounting Systems	Journal of Engineering Sciences, vol. 11, Issue. 6, pp. 1218-1223, ISSN, 0377-9254.	June, 2020	https://drive.google.com/file/d/1HmbidDCwDjIRCOi_ilwKSIXh11hxm0Lo/view?usp=sharing	
4	K.Ramesh Babu	A Survey of Solar Cell Materials	Advanced Sciences Letters, vol. 26, Issue. 6, pp. 1060-1064, ISSN,1936-7317.	June, 2020	https://drive.google.com/file/d/19Lhp33MfMgXIybnHcDY-12FmY-6SNigh/view?usp=sharing	

5	Anitha Sheelam	Harnessing Renewable Energy: Used in Replenishment of Sources	Cape Comorin, vol. 2, Issue. 2, pp. 77-78, ISSN, 2582-1962.	July, 2020	https://drive.google.com/file/d/1S48Wr6a_8dEA_tOzOCofIjdF2-tksHu9/view?usp=sharing
6	Ranadheer Donthi	Some aspects of bioassays and fiellers theorem	Advances in Mathematics: Scientific Journal, vol. 9, Issue. 9, pp. 7117–7126, ISSN, 2857-8365.	August, 2020	https://drive.google.com/file/d/1Qh_TIE2LbViPjvxesK5GQJVSiyt-fTK9/view?usp=sharing
7	Puli Nageswar Rao	Second harmonic generation and spectroscopic characteristics of tio2 doped Li2O–Al2O3–B2O3 glass matrix	Applied Physics A, vol. 126, Issue. 689, pp. 1–9, ISSN, 2005-4289.	August, 2020	https://drive.google.com/file/d/1u0btVT7nQ_A9LS_d-sCiyf-8yHj8UBy7/view?usp=sharing
8	Ranadheer Donthi	Assessing the environmental efficiency of indian commercial banks - an application of data envelopment analysis	Advances in Mathematics: Scientific Journal, vol. 9, Issue. 10, pp. 8037–8045, ISSN, 1857-8365.	Sept. 2020	https://drive.google.com/file/d/1Mkjrtei8zAeU9Zp-FhCuxfN3J6BRqq4x/view?usp=sharing
9	P. Nageswar Rao	Study of Physical Properties of Silver Doped Lithium Borate Glasses	Sambodhi, vol. 43, Issue. 4, pp. 314-318, ISSN, 2249-6661.	September, 2020	https://drive.google.com/file/d/1qDH3vVnfOD6YUbnMykwfQBCLxPdGJtC-/view?usp=sharing
10	Andrea Sandra Christine D'Cruz	Study of the effect of detergents on the wash fastness properties of naturally dyed cotton fabric using the Grey scale method	Journal of Resource Management And Technology, vol. 11, Issue. 3, pp. 368-377, ISSN, 0745-6999.	October, 2020	https://drive.google.com/file/d/1NqxN9zzrrxLDwzdoDeJ7JKW2qJNkMd4j/view?usp=sharing
11	Bhaskara Rao Chintha	Methodology to Teach Short-Stories for Secondary Level Learners: An Overview	LangLit, vol. , Issue. , pp. 36-49, ISSN, 2349-5189.	November, 2020	https://drive.google.com/file/d/1tUIh3KU7pp17NHxdqmlujsfHkmEcpVxB/view?usp=sharing
12	Venkanna Kanneboina	The simulated performance of the c-Si/a-Si:H Heterojunction Solar Cells with nc-Si:H, μ c-	Journal of Computational Electronics, vol. 20,	November, 2020	https://drive.google.com/file/d/1s1383mVNz4hyZJrcCwjGpZZBD

		Si:H, a-sic:H and a-sige:H Emitter Layers	Issue. , pp. 344–352, ISSN,15698025.		Ff9yevq/view?usp=sharing
13	Puli Nageswar Rao	Optical and Dilectric Studies of cdi2 Doped Borotelurate Glass System	Journal of Materials Science: Materials in Electronics, vol. , Issue. , pp. , ISSN,09574522.	November, 2020	https://drive.google.com/file/d/1dvyiq-dEnj-CzNg7fhTyk8IdA5Ibav5-/view?usp=drive-link
14	Ranadheer Donthi	The Sensitivity Analysis of Service and Waiting Costs of A Multi Server Queuing Model	IOP Conference Series: Materials Science and Engineering, vol. 993 , Issue. , pp. 012107, ISSN,12107.	December, 2020	https://drive.google.com/file/d/18MFYkYY6THJP5_9As_LjS_VRUH8asm2H/view?usp=sharing
15	Ranadheer Donthi	A Precise Study on Solving the Multi Server Queuing Model through Lpp By Using Python Program	IOP Conference Series: Materials Science and Engineering, vol. 993, Issue. , pp. 012109, ISSN, 12109.	December, 2020	https://drive.google.com/file/d/1g_bVO830d5yEQMpafSYIat1pC_W_vWmR/view?usp=sharing
16	Venkanna Kanneboina	Stepwise tuning of the doping and thickness of a-Si:H(p) emitter layer to improve the performance of c-Si(n)/a-Si:H(p) heterojunction solar cells	Journal of Materials Science: Materials in Electronics , vol. 32, Issue. , pp. 4457–4465, ISSN, 1573-482X.	January, 2021	https://drive.google.com/file/d/1OgchpJ150aCi5sBle5z02i-dFwQjA2nP/view?usp=sharing
17	Ranadheer Donthi	A new stepwise method for selection of input and output variables in data envelopment analysis	J. Math. Comput. Sci. 11 (2021), No. 1, 703-715, vol. 1, Issue. , pp. 703-715, ISSN, 1927-5307.	January, 2021	https://drive.google.com/file/d/14BiIjyf4IR8DBNps2r2I5aoWeNMcO1Y-/view?usp=sharing
18	Venkanna Kanneboina	Influence of Ag Nano-Particles on Spectroscopic and Luminiscence Properties of Dy ³⁺ Doped borate Glasses	Journal of Non-Crystalline Solids, vol. 559, Issue. , pp. 120702, ISSN, 0022-3093.	February, 2021	https://drive.google.com/file/d/1EMpUOW1u2tKTgvyefVqUUi-XqULpW6PF/view?usp=sharing
19	T. Vamshi Prasad	Influence of hydrogen bond networks in Glycerol / N-Methyl-2-Pyrrolidone mixtures studied by dielectric relaxation spectroscopy	Journal of Molecular Structure, vol. 1227, Issue. 5, pp. 129703, ISSN, 0022-2860.	March, 2021	https://drive.google.com/file/d/1EHCfv8gOdi1VLFppC_yCMDMhaQqa4y41/view?usp=sharing

20	Venkanna Kanneboina	Spectroscopic ellipsometry investigation to study the microstructure evolution in boron-doped amorphous silicon films as a result of hydrogen dilution	SN Applied Sciences, vol. 3, Issue. , pp. 500, ISSN, 2523-3971.	March, 2021	https://drive.google.com/file/d/1q00j68rYzYxw1d2sl423EFf8HfQ3Pw6w/view?usp=sharing
21	Dr. D.Ranadheer Reddy	Loss probability of Internet traffic employing PBS mechanism using Circulant Markovian Modulated Poisson Process Input traffic	Shodh Sarita, vol. 8, Issue. 29, pp. 45-53, ISSN, 2348-2397.	March, 2021	https://drive.google.com/file/d/1VJfyZAb50z3afmv5BE-U0mhw3SRj4gl5/view?usp=sharing
22	Upendar Karka	Fluid flow in a deformable porous materials	Sambodhi, vol. 3, Issue. 44, pp. 26-40, ISSN, 2249-6661.	March, 2021	https://drive.google.com/file/d/1xQC_EjfCfBaQctmp7cdVlhVniNqUk2K/view?usp=sharing
23	G. Chandra Mohan	Mathematical Assessment of Cytokine-induced differentiation of the progenitor cells of Granulocytes	Shodh Sarita, vol. 8, Issue. 29, pp. 83-88, ISSN ,2348-2397.	March, 2021	https://drive.google.com/file/d/1w_rFPqHrgfqCyQZsdn1240N5QZC439ce/view?usp=sharing
24	Dr.S.Someshwar	Optimization technique used for allocation of media with the concept of Fuzzy Numbers in Linear Programming Problem	Shodh Sarita, vol. 8, Issue. 29, pp. 40-44, ISSN, 2348-2397.	March, 2021	https://drive.google.com/file/d/1pCqy9BqcFIjPfxpayI5qdUEbwOfvvg2m/view?usp=sharing
25	C.Vamshi Krishna	Releasing of atomic(particle) energy transfer by using partial differential equations	Shodh Sarita, vol. 8, Issue. 29, pp. 34-39, ISSN , 348-2397.	March, 2021	https://drive.google.com/file/d/1W4hozoRiqd-W1MEPwVEC AwZijgqINea9/view?usp=sharing
26	M.Jhansi Lakshmi	LAPLACE TRANSFORMATION FOR THE PARTIAL DIFFERENTIAL EQUATIONS AND HOMOTOPY PERTURBATION METHOD	Sambodhi, vol. 3, Issue. 44, pp. 41-46, ISSN, 2249-6661.	March, 2021	https://drive.google.com/file/d/1SMLvIKA391pS0m6rrrHi0Kc3Wy67vi6m/view?usp=sharing
27	G.Vanaja	Implementation of Multi-Step Differential Transformation	Shodh Sarita, vol. 8, Issue. 29, pp. 98-103, ISSN, 2348-2397.	March, 2021	https://drive.google.com/file/d/1QckT7C7cgtYw

		Method for Hyperchaotic Rossler System			x CcBePY4sYwvXytjXMC5/view?usp=sharing
28	Dr.P.Nageswara Rao	Preparation and Physical Properties of Silver Iodide Doped Lithium Silicate Glass materials	Shodh Sarita, vol. 8, Issue. 29, pp. 66-73, ISSN, 2348-2397.	March, 2021	https://drive.google.com/file/d/1HM5YLOKfu2B_0AVm03MoSzKOYk92I6Kn/view?usp=sharing
29	Dr.Venkanna K	Impact of Back Surface Field and Passivation Layer on the Performance of the Crystalline Silicon/Hydrogenated Amorphous Silicon Heterojunction Solar Cells	Shodh Sarita, vol. 8, Issue. 29, pp. 74-82, ISSN, 2348-2397.	March, 2021	https://drive.google.com/file/d/19JkaT7GaKKcoioM2Wn_fON6gemSRDPN/view?usp=sharing
30	K.Ramesh Babu	A comparative review of solar cell technologies and solar cell materials	Sambodhi, vol. 3, Issue. 44, pp. 93-102, ISSN, 2249-6661.	March, 2021	https://drive.google.com/file/d/1-Om_4ZQIFnqWR_Tu9C8cOZQY0PLvO8QQx/view?usp=sharing
31	T Vamshi Prasad	Microwave dielectric studies of propylene glycol- methyl benzoate mixtures by broadband dielectric spectroscopy and dft studies	Sambodhi, vol. 3, Issue. 44, pp. 135-138, ISSN, 2249-6661.	March, 2021	https://drive.google.com/file/d/18Idqi56KVL4n7F7xTCsGOG_6_S2zhM5Q/view?usp=sharing
32	S.Anitha	A brief introduction to quantum computing and its supremacy than classical computer	Shodh Sarita, vol. 8, Issue. 29, pp. 1 to 6, ISSN, 2348-2397.	March, 2021	https://drive.google.com/file/d/1bprj-yPdxCP-LYZaUcaerXxxbgzYus_I/view?usp=sharing
33	Pragati	A physicist tools helps us to see the world	Sambodhi, vol. 3, Issue. 44, pp. 71-75, ISSN, 2249-6661.	March, 2021	https://drive.google.com/file/d/1bemQIM0zK_3qIKm5Bwit_He1tZfZ9wp1/view?usp=sharing
34	B.Jyothi	Characterization of wood sample using stokes vector and Mueller matrix formalism	Shodh Sarita, vol. 8, Issue. 29, pp. 7 to 12, ISSN, 2348-2397.	March, 2021	https://drive.google.com/file/d/12lwh9yaXsqWxvT0Tz2V0PvJXNftVtoFI/view?usp=sharing
35	T.Rajaram Rajendrasinha	The phenomenon of electromagnetic induction and its application	Sambodhi, vol. 3, Issue. 44, pp. 71-76, ISSN, 2249-6661.	March, 2021	https://drive.google.com/file/d/1eFkb68YU_BQL

					yCPIDQbov1tp UdL- WSdG/view?usp =sharing
36	G.Saneetha	COVID-19 Vaccine Frontrunners and Nanotechnology	Shodh Sarita, vol. 8, Issue. 29, pp. 109-113, ISSN, 2348-2397.	March, 2021	https://drive.google.com/file/d/1w62tje7UPuF_9vBLP7nnysQtIVf3azNb/view?usp=sharing
37	Dr.D.Sunil	Using language through literature at the tertiar level	Sambodhi, vol. 3, Issue. 44, pp. 142-144, ISSN, 2249-6661.	March, 2021	https://drive.google.com/file/d/1xNhFtKv5IqhHYArxzuftzz45uzbZr_4-/view?usp=shari ng
38	G. Laxmikanth	Enhancing Reading Skills through Essential Reading Strategies	Shodh Sarita, vol. 8, Issue. 29, pp. 104-108, ISSN, 2348-2397.	March, 2021	https://drive.google.com/file/d/195q4W_P5L95lKrkyQ_EvTangDJpk3mvT/view?usp=sharing
39	D.Amani	Eminence of Dialect In Enlightening And Dissemination	IJSART, vol. 7, Issue. 5, pp. 555-557, ISSN, 2395-1052.	March, 2021	https://drive.google.com/file/d/1jNhyRJIqMGJkksG8UcOLHdvw0BGjOPHy/view?usp=sharing
40	Ch.Bhaskara Rao	The Use of Technology in English Language Teaching at Current Scenario	Shodh Sarita, vol. 8, Issue. 29, pp. 18-28, ISSN, 2348-2397.	March, 2021	https://drive.google.com/file/d/1-oOyYWHyYkQnPf6iB8i1scldbK1FijGN/view?usp=sharing
41	N.Mallesh	Authentic texts as pedagogic tools in english language classroom	Sambodhi, vol. 3, Issue. 44, pp. 47-52, ISSN, 2249-6661.	March, 2021	https://drive.google.com/file/d/1Kxi43kU6f7HtFCJz8tmlv1dMwBQ9Ppw8/view?usp=sharing
42	K.Rajya Laskmi	Teaching english for sustainable development as the prime factor	Sambodhi, vol. 3, Issue. 44, pp. 82-85, ISSN: 2249-6661.	March, 2021	https://drive.google.com/file/d/1WCWOwVjE9uVZoLnctpRKlK-iflACxdNJ/view?usp=sharing

43	B.Rajeswari	Use of online education coping with based disruption in educational institutions	Sambodhi, vol. 3, Issue. 44, pp. 77-81, ISSN: 2249-6661.	March, 2021	https://drive.google.com/file/d/11mD3ghBFiWSIm9ke47NPrceW1wObVS7V/view?usp=sharing
44	N. Pandu Ranga Rao	A review on current issues of solid waste management concerning metropolitan city hyderabad	Sambodhi, vol. 3, Issue. 44, pp. 53-56, ISSN, 2249-6661.	March, 2021	https://drive.google.com/file/d/1uiwxgZdva_7qDEvOzICnnf3A3SeHaMzX/view?usp=sharing
45	V.Rajasekhar Reddy	Impact of coronavirus (covid -19) pandemic on environment & human health	Sambodhi, vol. 3, Issue. 44, pp. 139-141, ISSN, 2249-6661.	March, 2021	https://drive.google.com/file/d/1q7BOhTru8J-0yDi5aBx-d2hOtoRC-l4c/view?usp=sharing
46	G.Venkata Harini	Review on Covid-19 treatment and vaccine: challenges posed to develop therapeutic treatment and vaccines against novel corona virus	Shodh Sarita, vol. 8, Issue. 29, pp. 89-87, ISSN, 2348-2397.	March, 2021	https://drive.google.com/file/d/1Jnne6CzSz4Qehzg2dK ts-y9imrymK-O/view?usp=sharing
47	K. Sudha	Equity analysis in it – sector	Sambodhi, vol. 3, Issue. 44, pp. 103-127, ISSN, 2249-6661.	March, 2021	https://drive.google.com/file/d/1bu9wssrYEj_ldULUSNaDKFsFnV7Q1HD /view?usp=sharing
48	Swathi Jyothsna	A feasibility study on hr mangement on recruting marketing people in medical logistics	Sambodhi, vol. 3, Issue. 44, pp. 128-134, ISSN, 2249-6661.	March, 2021	https://drive.google.com/file/d/10GvORqkMC5u6XGgizwrBNEEx6-NzC5Z8/view?usp=sharing
49	G.Meenakshi	Women in corporate world at mega soft	Sambodhi, vol. 3, Issue. 44, pp. 20-25, ISSN: 2249-6661.	March, 2021	https://drive.google.com/file/d/1VYVX3Z1RHX3qTv06tvQpQ8cmvA7n9Z2B/view?usp=sharing
50	D.Nirosha	Cash flow statement analysis	Sambodhi, vol. 3, Issue. 44, pp. 16-19, ISSN: 2249-6661.	March, 2021	https://drive.google.com/file/d/1GqJBfvOgpIovAmowffAaWDI

					1Q-pVUkfX/view?usp=sharing
51	T.Nikhila	Financial performance analysis using ratio analysis of maruti suzuki pvt.ltd	Sambodhi, vol. 3, Issue. 44, pp. 57-70, ISSN: 2249-6661.	March, 2021	https://drive.google.com/file/d/1sukUnvNv7lwYZ5sEq1s_wQz5G0SAFe_y/view?usp=sharing
52	S. Malli Babu	Vehicle Health Monitoring System by Implementing Machine Learning	Shodh Sarita, vol. 8, Issue. 29, pp. 114-120, ISSN, 2348-2397.	March, 2021	https://drive.google.com/file/d/1AOhyEC--mZ5q90P7gC97UHLcT6R6MJ4s/view?usp=sharing
53	J Anjaneyulu	Teaching english vocabulary to young learners	Sambodhi, vol. 3, Issue. 44, pp. 1 to 7, ISSN, 2249-6661.	March, 2021	https://drive.google.com/file/d/138gyFfUmCjmnQsWZcCcvBHVjHeVGvqp6/view?usp=sharing
54	Prasad	Constructive on Cloud Computing Service and Summons	Shodh Sarita, vol. 8, Issue. 29, pp. 121-125, ISSN, 2348-2397.	March, 2021	https://drive.google.com/file/d/13OvJMq4b0N6IYOhIj8FjFJOcO68J6If7/view?usp=sharing
55	Shyam Babu	Data Protection Service for Protecting Data in Cloud	Shodh Sarita, vol. 8, Issue. 29, pp. 126-131, ISSN, 2348-2397.	March, 2021	https://drive.google.com/file/d/1mUHoccsVqB2D-Dpc36hmjFaQukhNqBZc/view?usp=sharing
56	A.Sarveswara Reddy	The Use of Business Intelligence Tools in Decision Making	Journal of Information and Computational Science, vol. 11, Issue. 5, pp. 501-514, ISSN, 1548-7741.	March, 2021	https://drive.google.com/file/d/1iGa0skbFraaDL9HpKEpk8vInCmMAYBkw/view?usp=sharing
57	K.Sathish	Profitability and Risk Perception Among Strat-up Microcaps in Hyderabad City	Science, Technology and Development, vol. 10, Issue. 5, pp. 538-544, ISSN, 0950-0707.	March, 2021	https://drive.google.com/file/d/1JU_7gIR08sd0hB7ERS3Ca0h8tRfUA0hD/view?usp=sharing

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