

**17.2.2 c – University as a body initiate and participate in
cross-sectoral dialogue about the SDGs -
(Journal / Conferences mapped with SDGs)**

Sl.No	Dept	International Journal / Conference	Name of the Author(s)	Title of Research Publication(s)	Details of International Journal	Year	Publication Weblink	SDG(s) Addressed	Is this a joint publication with International
1	Aero	Journal	Dr.P.N.Kadiresh	The effect of strain rate and temperature on mechanical characteristics of aluminized composite solid propellant	International Journal of Ambient Energy	Feb 2020	https://www.tandfonline.com/doi/abs/10.1080/01430750.2020.1767204	SDG:9	NO
2	Aero	Journal	Dr.P.N.Kadiresh	Combustion, performances, and emissions characteristics of diesel engine fuelled with diesel-aqueous zinc oxide nanofluid blends	Energy Sources, Part A: Recovery, Utilization, and Environmental Effects	Sep 2019	https://www.tandfonline.com/doi/abs/10.1080/15567036.2019.1666933	SDG:9	NO
3	Aero	Journal	Mr. S. Karthikeyan	Investigation on microstructures, mechanical and wear properties of Al 390/ZrO2 composite materials fabricated by P/M method	Multidiscipline Modeling in Materials and Structures	May 2020	https://www.emerald.com/insight/content/doi/10.1108/MMMS-10-2019-0180/full/html	SDG:9	NO
4	Aero	Journal	Mr. M. Magesh	Aerodynamics of drones with Auxetic landing gears during perching conditions	International journal of innovative technology and exploring engineering	Dec 2019	https://www.ijitee.org/wp-content/uploads/papers/v9i2S4/B12251292S419.pdf	SDG:9	NO

5	Aero	Journal	Dr..Sri Nithya Mahottamananda & Dr. P.N.Kadiresh	Regression Rate Characterization of HTPB Paraffin Based Solid Fuels for Hybrid Rocket	Journal of Propellants, Explosives & Pyrotechnics	Jul 2020	https://onlinelibrary.wiley.com/doi/abs/10.1002/prep.20200051	SDG:9	NO
6	Aero	Journal	Dr..Sri Nithya Mahottamananda & Dr. P.N.Kadiresh	A study on thermal stability and combustion performance of hydroxyl-terminated polybutadiene-paraffin blended fuel	Energy Sources, Part A: Recovery, Utilization, and Environmental Effects	Sep 2020	https://www.tandfonline.com/doi/abs/10.1080/15567036.2020.1815902	SDG:9	NO
7	Mech	Journal	Ramalingam, S., Rasool Mohideen, S., Manigandan, S., Prem Anand, T. P	Hybrid polymer composite material for robotic manipulator subject to single link flexibility.	<i>International Journal of Ambient Energy</i>	2019	https://doi.org/10.1080/01430750.2018.1557551	SDG -9	No
8	Mech	Journal	Ramalingam, S., & Rasool Mohideen, S.	Composite materials for advanced flexible link robotic manipulators: an investigation	<i>International Journal of Ambient Energy</i>	2019	https://doi.org/10.1080/01430750.2019.1613263	SDG -9	No
9	Mech	Journal	Ramalingam, S., & Rasool Mohideen, S.	Hybrid Polymer Composite Flexible Multi-Link Robotic Manipulator Simulation Analysis.	International Journal of Recent Technology and Engineering, ISSN: 2277-3878, Volume-7	2019	https://www.ijrte.org/wp-content/uploads/papers/v7i6s2/F90940476S219.pdf	SDG -9	No

10	Mech	Journal	Sengalani, R. & Rasool Mohideen, S.	Numerical Analysis of Robotic Manipulator Subject to Mechanical Flexibility by Lagrangian Method	<i>Proc. Natl. Acad. Sci., India, Sect. A Phys. Sci</i>	2019	https://link.springer.com/article/10.1007/s40010-019-00619-2	SDG -9	No
11	Mech	Journal	Rajan, B. S., Saibalaji, M. A., & Mohideen, S. R.	Tribological performance evaluation of epoxy modified Phenolic FC reinforced with chemically modified Prosopis Juliflora bark fiber	<i>Materials Research Express, Volume 6</i>	2019	DOI:10.1088/2053-1591/ab07e6	SDG -9	No
12	Mech	Journal	Surya Rajan, Selvakumar, A. S, Sai Balaji, S. Rasool Mohideen	Tribo performance of single and multiwall carbon nanotube in the disc brake pad formulation	<i>Euro Brake</i>	2019	http://2019.eurobrake.net/programe/technical-programme/EB2019-MDS-029	SDG -9	No
13	Mech	Journal	ALI, J., Jailani, H., & Murugan, M.	Surface Roughness Evaluation of Milled Steel Surfaces Using Wavelet Transform of Laser Speckle Line Images.	<i>Lasers in Engineering</i>	2019	https://www.oldcitypublishing.com/journals/lie-home/lie-issue-contents/lie-volume-44-number-4-6-2019/lie-44-4-6-p-371-384/	SDG -9	No

14	Mech	Journal	Ali, M., Jailani, S., Mariappan, M., Anandan, M, Pavithran, V. V	vision Based Surface Roughness Characterization of Flat Surfaces Machined with EDM	<i>SAE Technical Paper.</i>	2019	https://www.sae.org/publications/technical-papers/content/2019-28-0148/	SDG -9	No
15	Mech	Journal	Ahmed, M. P., & Jailani, H. S. .	Enhancing Wear Resistance of Cryo Treated Cu-Be ₂ Alloy	<i>Silicon, Volume 11</i>	2019	DOI:10.1007/s12633-018-9835-y	SDG -9	No
16	Mech	Journal	Satikbaša, K., Selvakumar, A. S., Sal, B., & Surja, R. B. .	Effect of steel family fibers on friction and stiction behavior of brake pads	<i>FME Transactions, Volume 47</i>	2019	https://pdfs.semanticscholar.org/9ae7/c899d3ff742e93a3d311e131e4f4cfbda4d9.pdf	SDG -9	No
17	Mech	Journal	Afshan, M. E., Selvakumar, A. S., Velraj, R., & Rajaraman, R. . .	Effect of aspect ratio and dispersed PCM balls on the charging performance of a latent heat thermal storage unit for solar thermal applications	<i>Renewable Energy</i>	2019	https://www.sciencedirect.com/science/article/abs/pii/S0960148119316696	SDG -9	No
18	Mech	Journal	Arulmurugan, M., Prabu, K., Rajamurugan, G., & Selvakumar, A. S.	Impact of BaSO ₄ filler on woven Aloe vera/Hemp hybrid composite: Dynamic mechanical analysis.	<i>Materials Research Express.</i>	2019	DOI:10.1088/2053-1591/aafb88	SDG -9	No

19	Mech	Journal	Arulmurugan, M., Prabu, K., Rajamurugan, G., Selvakumar, A. S.	Viscoelastic behavior of aloevera/hemp/flax sandwich laminate composite reinforced with BaSO ₄ : Dynamic mechanical analysis	<i>Journal of Industrial Textiles</i>	2019	https://journals.sagepub.com/doi/abs/10.1177/1528083719852312?journalCode=jitc	SDG -9	No
20	Mech	Journal	Sathickbasha, K., Selvakumar, A. S., Balaji, M. A. S., Balachandran, S. R.	The dual role of metal sulfides as lubricant and abrasive: an interface study in friction composite	<i>Materials Research Express.</i>	2019	https://iopscience.iop.org/article/10.1088/2053-1591/aafd5a	SDG -9	No
21	Mech	Journal	Arulvizhi, V. K., Somasundaram, S. A., Murugan, B., Natarajan, R., Kalam, A. R.	Metallurgical and Wear Behaviour of Stellite 6 Reinforced Stainless Steel 316 Joints by Nd-YAG Laser Welding Process	<i>SAE Technical Paper.</i>	2019	https://www.sae.org/publications/technical-papers/content/2019-28-0147/	SDG -9	No
22	Mech	Journal	Arulvizhi, V. K., Somasundaram, S. A., Niyaz, M. H., Ranganathan, P. K., Moolai, A. Z., Burhanudeen, M. A. A., & Ramu, M. R.	Advances in Laser Welding of Stainless Steel Alloys	<i>SAE Technical Paper.</i>	2019	https://www.sae.org/publications/technical-papers/content/2019-28-0056/	SDG -9	No
23	Mech	Journal	Selvakumar, A. S., Rajan, B. S., Balaji, M. S., & Selvaraj, B.	Strain analysis of AA6063 aluminum alloy by tube hydroforming process	<i>Advances in Manufacturing Processes</i>	2019	https://link.springer.com/chapter/10.1007/978-981-13-1724-8_2	SDG -9	No

24	Mech	Journal	Sathickbasha, K., Selvakumar, A. S., Balaji, M. S., Rajan, B. S., & Ahamed, M. J.	Tribo performance of brake friction composite with stainless steel fiber	Advances in Materials and Metallurgy	2019	DOI:10.1007/978-981-13-1780-4_17	SDG -9	No
25	Mech	Journal	Hameed, S. S., Vaithyanathan, M., & Kesavan, M.	Fault Detection in Single Stage Helical Planetary Gearbox Using Artificial Neural Networks (ANN) and Decision Tree with Histogram Features	SAE Technical Paper.	2019	https://www.sae.org/publications/technical-papers/content/2019-28-0151/	SDG -9	No
26	Mech	Journal	Durairaj, P. K., & Vaithyanathan, M	Tool Condition Monitoring in Face Milling Process Using Decision Tree and Statistical Features of Vibration Signal	SAE Technical Paper.	2019	https://www.sae.org/publications/technical-papers/content/2019-28-0142/	SDG -9	No
27	Mech	Journal	S. Ravikumar, H.Kanagasabapathy, V. Muralidharan	Fault diagnosis of self-aligning troughing rollers in belt conveyor system using k-star Algorithm	Measurement, Volume 133	2019	https://www.sciencedirect.com/science/article/abs/pii/S0263224118309175	SDG -9	No
28	Mech	Journal	Balaji, Sai, and Mohamed Aslam Noorani AB.	Tribological performance of graphene/graphite filled phenolic composites-A comparative study	Composites Communications 15	2019	https://www.sciencedirect.com/science/article/abs/pii/S2452213918302237	SDG -9	No

29	Mech	Journal	Nagarajan, K. J., Balaji, A. N., Rajan, S. T. K., & Basha, K. S.	Effect of sulfuric acid reaction time on the properties and behavior of cellulose nanocrystals from Cocos nucifera var- Aurantiaca peduncle's cellulose microfibrers.	<i>Materials Research Express, Volume 6</i>	2019	https://ui.adsabs.harvard.edu/abs/2019MRE.....6I5333N/abstract	SDG -9	No
30	Mech	Journal	Rajan, S. B., Sathickbasha, K., Balaji, S., & Hariharasakthisudhan, P.	Development of an automated and dedicated measuring system of tube dimensions using 1d and 2d laser displacement sensors	FME Transactions, Volume 47	2019	https://pdfs.semanticscholar.org/e5ce/b4e37919d7cd96cd3eb8a7de941f055e8b67.pdf	SDG -9	No
31	Mech	Journal	Md, J. A., Saibalaji, M. A., Liu, Y.	Characterization of alkaline treated areva javanica fiber and its tribological performance in phenolic friction composites	<i>Materials Research Express, Volume 6</i>	2019	DOI:10.1088/2053-1591/ab43ad	SDG -9	No
32	Mech	Journal	Rajan, B. S., Balaji, M. A. S., & AB, M. A. N., 6(6), 065315.	Effect of silane surface treatment on the physico-mechanical properties of shell powder reinforced epoxy modified phenolic friction composite	<i>Materials Research Express, Volume 6</i>	2019	DOI:10.1088/2053-1591/ab0ca5	SDG -9	No

33	Mech	Journal	Ahmed, M. J., Balaji, M. A. S., Saravanakumar, S. S., & Senthamaraikannan, P.	A Comprehensive Physical, Chemical and Morphological Characterization of Novel Cellulosic Fiber Extracted from the Stem of Elettaria Cardamomum Plant	<i>Journal of Natural Fibers</i>	2019	https://doi.org/10.1080/15440478.2019.1691121	SDG -9	No
34	Mech	Journal	Ahmed, M. J., Balaji, M. S., Saravanakumar, S. S., Sanjay, M. R., & Senthamaraikannan, P.	Characterization of Areva javanica fiber—A possible replacement for synthetic acrylic fiber in the disc brake pad	<i>Journal of Industrial Textiles</i>	2019	https://journals.sagepub.com/doi/abs/10.1177/1528083718779446	SDG -9	No
35	Mech	Journal	Mary, J. S., Balaji, M. S., Krishnakumari, A., Nakandhrakumar, R. S., Dinakaran, D.	Monitoring of drill runout using Least Square Support Vector Machine classifier.	<i>Measurement, Volume 146</i>	2019	https://www.sciencedirect.com/science/article/abs/pii/S0263224119305548	SDG -9	No

36	Mech	Journal	Susai, M. J., Sai, B., & Dinakaran, D.	Prediction and geometric adaptive control of surface roughness in drilling process	FME Transactions, Volume 47	2019	https://www.semanticscholar.org/paper/Prediction-and-Geometric-Adaptive-Control-of-in-Rahman/8da11601a90469f5c841f06c3214efa9709060a8	SDG -9	No
37	Mech	Journal	Rajan, S. B., Sathickbasha, K., Balaji, S., & Hariharasakthisudhan, P.	Development of an automated and dedicated measuring system of tube dimensions using 1d and 2d laser displacement sensors	FME Transactions, Volume 47	2019	https://pdfs.semanticscholar.org/e5ce/b4e37919d7cd96cd3eb8a7de941f055e8b67.pdf	SDG -9	No
38	Mech	Journal	Rajan, B. S., Balaji, M. A. S., Sathickbasha, K. Hariharasakthisudan, P	Influence of Binder on Thermomechanical and Tribological Performance in Brake Pad.	Tribology in Industry	2019	DOI:10.24874/ti.2018.40.04.12	SDG -9	No

39	Mech	Journal	Rajan, B. S., Balaji, M. S., & Saravanakumar, S. S.	Effect of chemical treatment and fiber loading on physico-mechanical properties of Prosopis juliflora fiber reinforced hybrid friction composite.	<i>Materials Research Express, Volume 6</i>	2019	https://iopscience.iop.org/article/10.1088/2053-1591/aaf3cf/meta	SDG -9	No
40	Mech	Journal	Rahman, M. A., Sirajudeen, N., & Karunanithi, R.	Hardness and dry sliding wear behavior of SiC reinforced Al 7150 alloy composite synthesized under the influence of aging, varying compaction pressures, particle size and volume fraction of ceramic particulates by hot compaction technique	<i>Materials Research Express</i>	2019	DOI:10.1088/2053-1591/ab1938	SDG -9	No
41	Mech	Journal	Rahman, M. A., Karunanithi, R., & Sirajudeen, N.	Effect of milling time on the density, hardness and corrosion behavior of Al 7150 alloy produced by high energy ball milling.	<i>Materials Research Express</i>	2019	https://doi.org/10.1088/2053-1591/ab1749	SDG -9	No

42	Mech	Journal	Karthikeyan, S., Subramanian, M., Ghosh, A., Prashanth, M., & Karunanithi, R. (6), 511-523.	Micro hardness and corrosion properties of A390 alloy+ x vol.% zirconium dioxide (ZrO ₂) composites processed by P/M method.	<i>International Journal of Microstructure and Materials Properties, Volume 14</i>	2019	https://www.inderscience.com/info/inarticle.php?artid=103174	SDG -9	No
43	Mech	Journal	Karthik, A., Karunanithi, R., Srinivasan, S. A., & Prashanth, M. .	Microstructure and mechanical properties of AA 2219-TiB ₂ composites by squeeze casting technique	Materials Today: Proceedings.	2019	DOI:10.1016/j.matpr.2019.10.143	SDG -9	No
44	Mech	Journal	Rahman, M. A., Karunanithi, R., Sirajudeen, N. . ,	Sinterability and electrochemical behavior of Al ₂ O ₃ dispersed Al 7150 alloy composite prepared by high energy ball milling	<i>Materials Research Express,6</i>	2019	DOI:10.1088/2053-1591/ab1aeb	SDG -9	No
45	Mech	Journal	Karthik, A., Karunanithi, R., Srinivasan, S. A., & Prashanth, M.T.	he optimization of squeeze casting process parameter for AA2219 alloy by using the Taguchi method	Materials Today: Proceedings.	2019	DOI:10.1016/j.matpr.2019.10.136	SDG -9	No
46	Mech	Journal	Ali, S., Karunanithi, R., Prashanth, M., & Rahman, M. A. .	X-ray peak broadening on microstructure, and structural properties of titanium and Ti-6Al-4V alloys	<i>Materials Today: Proceedings.</i>	2019	https://www.sciencedirect.com/science/article/pii/S2214785319333802	SDG -9	No

47	Mech	Journal	K.Prabu, G Rajamurugan, M.Thirumurugan	Dynamic mechanical characteristics of jutefiber and 304 wiremesh reinforced epoxy composite	Journal of Industrial Technology	2019	https://journals.sagepub.com/doi/abs/10.1177/1528083719883057?journalCode=jitc	SDG -9	No
48	Mech	Journal	Sekar, L., Raj, R., & Arasan, T.	Tensile and Fatigue Behavior of Shallow Cryogenically Treated EN19 Alloy Steel	SAE Technical Paper.	2019	https://www.sae.org/publications/technical-papers/content/2019-28-0100/	SDG -9	No
49	Mech	Journal	Julias, A. A., & Murali, V.	Interlaminar fracture behaviour of hybrid laminates stacked with carbon/kevlar fibre as outer layers and glass fibre as core	<i>Advances in Materials and Metallurgy</i>	2019	https://link.springer.com/chapter/10.1007/978-981-13-1780-4_11	SDG -9	No
50	Mech	Journal	Haque, S., Srirangarajalu, N., Abdur Rahman, M.Sirajudeen, N.	Effect of manufacturing process parameters on the wear rate of Al 6061–Cu–SiCp alloy composites.	<i>Emerging Materials Research,8</i>	2019	https://www.icevirtuallibrary.com/doi/abs/10.1680/jemmr.18.00068	SDG -9	No

51	Mech	Journal	Rahman, M. A., & Sirajudeen, N.	Influence of aging, varying particle size & volume fraction of Al ₂ O ₃ particles on the hardness and wear behavior of Al 7150 alloy composite produced by hot uniaxial compaction method.	<i>Materials Research Express</i> , 6	2019	https://iopscience.iop.org/article/10.1088/2053-1591/aaf2c9/meta	SDG -9	No
52	Mech	Journal	Rajan, B. S., Balaji, M. A. S., Noorani, A. M. A., Khateeb, M. U. H., Hariharasakthisudan, P.Doss, P. A.	Tribological performance evaluation of newly synthesized silane treated shell powders in friction composites.	<i>Materials Research Express</i> , Volume 6	2019	https://iopscience.iop.org/article/10.1088/2053-1591/ab08e0	SDG -9	No
53	Mech	Journal	Kabeel, A. E., Muthu Manokar, A., Sathyamurthy, R., Prince Winston, D., El-Agouz, S. A., & Chamkha, A. J.	A review on different design modifications employed in inclined solar still for enhancing the productivity	Journal of Solar Energy Engineering, 141	2019	https://doi.org/10.1115/1.4041547	SDG - 7	Yes
54	Mech	Journal	Kabeel, A. E., Sathyamurthy, R., El Agouz, S. A., Muthu Manokar, A., Tripathi, A., & Abdelaziz, G. B.	Experimental investigation of a hybrid setup for distilled water and power production.	<i>Desalination Water Treatment</i>	2019	https://www.deswater.com/DWT_abstracts/vol_162/162_2019_30.pdf	SDG - 7	Yes

55	Mech	Journal	Kabeel, A. E., El Agouz, E. S., Prakash, N., Prasad, C., Sathyamurthy, R. Manokar, A. M. , 48(6), 2428-2439.	Performance analysis of spiral and serpentine tube solar collector with carbon nanotube nanofluids under natural flow method.	<i>Heat Transfer—Asian Research</i>	2019	https://doi.org/10.1002/hjt.21502	SDG - 7	Yes
56	Mech	Journal	Kabeel, A. E., Sathyamurthy, R., El-Agouz, S. A., & El-Said, E. M.	Experimental studies on inclined PV panel solar still with cover cooling and PCM	<i>Journal of Thermal Analysis and Calorimetry</i> , 138	2019	https://link.springer.com/article/10.1007/s10973-019-08561-6	SDG - 7	Yes
57	Mech	Journal	Manokar, A. M., Vimala, M., Sathyamurthy, R., Kabeel, A. E., Winston, D. P., & Chamkha, A. J.	Enhancement of potable water production from an inclined photovoltaic panel absorber solar still by integrating with flat-plate collector	<i>Environment, Development and Sustainability</i>	2019	https://link.springer.com/article/10.1007/s10668-019-00376-7	SDG - 7	Yes
58	Mech	Journal	Karthick, A., Kalidasa Murugavel, K., Sudalaiyandi, K., & Muthu Manokar, A.	Building integrated photovoltaic modules and the integration of phase change materials for equatorial applications	<i>Building Services Engineering Research and Technology</i>	2019	https://journals.sagepub.com/doi/abs/10.1177/0143624419883363	SDG - 7	No
59	Mech	Journal	Balachandran, G. B., David, P. W., Vijayakumar, A. B. P., Kabeel, A. E., Athikesavan, M. M., & Sathyamurthy, R.	Enhancement of PV/T-integrated single slope solar desalination still productivity using water film cooling and hybrid composite insulation	<i>Environmental Science and Pollution Research</i>	2019	https://link.springer.com/article/10.1007/s11356-019-06131-9	SDG - 7	Yes

60	Mech	Journal	Sasikumar, C., Manokar, A. M., Vimala, M., Winston, D. P., Kabeel, A. E., Sathyamurthy, R., & Chamkha, A. J.	Experimental studies on passive inclined solar panel absorber solar still	<i>Journal of Thermal Analysis and Calorimetry</i>	2019	DOI:10.1007/s10973-019-08770-z	SDG - 7	Yes
61	Mech	Journal	Balachandran, G. B., David, P. W., Mariappan, R. K., Kabeel, A. E., Athikesavan, M. M., & Sathyamurthy, R.	Improvising the efficiency of single-sloped solar still using thermally conductive nano-ferric oxide	<i>Environmental Science and Pollution Research</i>	2019	https://link.springer.com/article/10.1007/s11356-019-06661-2	SDG - 7	Yes
62	Mech	Journal	Ramalingam, R. D., Esakkimuthu, G. S., Paulraj, J., Elnaby, K. A., Athikesavan, M., Sathyamurthy, R., & Vaithilingam, S.	Inferences on the effects of geometries and heat transfer fluids in multi-cavity solar receivers by using CFD	<i>Environmental Science and Pollution Research</i>	2019	https://link.springer.com/article/10.1007/s11356-019-06829-w	SDG - 7	No
63	Mech	Journal	Khechekhouche, A., Benhaoua, B., Manokar, M., Sathyamurthy, R., Kabeel, A. E., & Driss, Z.	Sand dunes effect on the productivity of a single slope solar distiller	<i>Heat and Mass Transfer</i>	2019	https://link.springer.com/article/10.1007/s00231-019-02786-9	SDG - 7	Yes
64	Mech	Journal	Kabeel, A. E., El-Agouz, E. S., Athikesavan, M. M., Ramalingam, R. D., Sathyamurthy, R., Prakash, N., Prasad, C.	Comparative analysis on freshwater yield from conventional basin-type single slope solar still with cement-coated red bricks: an experimental approach	<i>Environmental Science and Pollution Research</i>	2019	https://link.springer.com/article/10.1007/s11356-019-07288-z	SDG - 7	Yes

65	Mech	Journal	Manokar, A. M., Vimala, M., Winston, D. P., Sathyamurthy, R., & Kabeel, A. E.	Effect of insulation on energy and exergy effectiveness of a solar photovoltaic panel incorporated inclined solar still—an experimental investigation	<i>Solar desalination technology</i>	2019	https://link.springer.com/chapter/10.1007/978-981-13-6887-5_13	SDG - 7	Yes
66	Mech	Journal	Kabeel, A. E., Sathyamurthy, R., Sharshir, S. W., Muthumanokar, A., Panchal, H., Prakash, N., ... & El Kady, M. S.	Effect of water depth on a novel absorber plate of pyramid solar still coated with TiO ₂ nano black paint	Journal of cleaner production, Volume 213	2019	DOI:10.1016/j.jclepro.2018.12.185	SDG - 7	Yes
67	Mech	Journal	Madhu, B., Balasubramanian, E., Kabeel, A. E., Sathyamurthy, R., El Agouz, E. S. Muthu Manokar, A.	Experimental investigation on the effect of photovoltaic panel partially and fully submerged in water	<i>Heat Transfer—Asian Research, Volume 48</i>	2019	https://onlinelibrary.wiley.com/doi/full/10.1002/htj.21453	SDG - 7	Yes
68	Mech	Journal	Khechekhouche, A., Benhaoua, B., Manokar, A. M., Kabeel, A. E., & Sathyamurthy, R. . , 48(5), 1563-1574.	Exploitation of an insulated air chamber as a glazed cover of a conventional solar still	Heat Transfer—Asian Research, Volume 48	2019	https://doi.org/10.1002/htj.21446	SDG - 7	Yes
69	Mech	Journal	Sathyamurthy, R., Kabeel, A. E., El Agouz, E. S., Rufus, D., Panchal, H., Arunkumar, T, Winston, D. G. P.	Experimental investigation on the effect of MgO and TiO ₂ nanoparticles in stepped solar still.	<i>International Journal of Energy Research, Volume 43</i>	2019	https://doi.org/10.1002/er.4460	SDG - 7	Yes

70	Mech	Journal	Panchal, H., Sathyamurthy, R., Kabeel, A. E., El-Agouz, S. A., Rufus, D., Arunkumar, T. & Sadasivuni, K. K	Annual performance analysis of adding different nanofluids in stepped solar still	Journal of Thermal Analysis and Calorimetry	2019	DOI:10.1007/s10973-019-08346-x	SDG - 7	Yes
71	Mech	Journal	Rajendran, D. R., Sundaram, E. G., Jawahar, P., Sivakumar, V., Mahian, O Bellos, E.	Review on influencing parameters in the performance of concentrated solar power collector based on materials, heat transfer fluids and design	Journal of Thermal Analysis and Calorimetry	2019	https://link.springer.com/article/10.1007/s10973-019-08759-8	SDG - 7	No
72	Mech	Journal	Kabeel, A.E., Ravishankar Sathyamurthy, Muthu Manoka, r A, Swellam W. Sharshir, Essa, F.A., Ammar, H. Elshiekh	Experimental study on tubular solar still using Graphene Oxide Nano particles in Phase Change Material (NPCM's) for fresh water production	<i>Journal of Energy Storage, Volume 28</i>	2020	https://www.sciencedirect.com/science/article/abs/pii/S2352152X19314483	SDG - 7	Yes
73	Mech	Journal	Arun Kumar, S, Suresh Mohan Kumar P, Ravishankar Sathyamurthy, Muthu Manokar, A,	A study of life cycle conversion efficiency and CO2 role in the pyramid shape solar stills - comparative analysis	<i>Groundwater for Sustainable Development</i>	2020	DOI:10.1016/j.gsd.2020.100413	SDG - 7	No
74	Mech	Journal	Ravikumar Natarajan, Ravi, Sivakumar C, Varun Kumar Arulvizhi, Balasrinivasan, M	Drag Optimization of Multi-Axle Commercial Vehicle Model using Ansys Fluent	SAE Technical Paper	2020	https://www.sae.org/publications/technical-papers/content/2020-0494/	SDG - 9	No

75	Mech	Journal	Sivakumar Vaithilingam, Sakthivel Thirumalai Gopal, Senthil Kumar Srinivasan, Muthu Manokar, A, Ravishankar Sathyamurthy, Ganapathy Sundaram Esakkimuthu, Ravinder Kumar, Mohsen Sharifpur	An extensive review on thermodynamic aspect based solar desalination techniques	<i>Journal of Thermal Analysis and Calorimetry, Volume 145</i>	2020	https://link.springer.com/article/10.1007/s10973-020-10269-x	SDG - 7	No
76	Mech	Journal	Muthu Manokar, A, Vimala, M, Prince Winston, D, Rajendran, D.R., Ravishankar Sathyamurthy, Kabeel, A.E	Year around distilled water production, energy and economic analysis of solar stills - A comparative study	<i>Heat Transfer, Volume 49</i>	2020	DOI:10.1002/htj.21793	SDG - 7	Yes
77	Mech	Journal	Muthu Manokar, A, Vimala, M, Prince Winston, D, Rajendran, D.R., Ravishankar Sathyamurthy, Kabeel, A.E	A comparative study of 3E (energy, exergy, and economy) analysis of various solar stills	<i>Heat Transfer, Volume 49</i>	2020	https://onlinelibrary.wiley.com/doi/abs/10.1002/htj.21832	SDG - 7	Yes
78	Mech	Journal	Gurukarthik Babu Balachandran, Prince Winston David, Gokul Rajendran, Mohamed Nasrulla Akbar Ali, Vignesh Radhakrishnan, Ramkumar Balamurugan, Muthumanokar Athikesavan, Ravishankar Sathyamurthy	Investigation of performance enhancement of solar still incorporated with Gallus gallus domesticus cascara as sensible heat storage material	<i>Environmental Science and Pollution Research, Volume 28</i>	2020	https://link.springer.com/article/10.1007/s11356-020-10470-3	SDG - 7	No

79	Mech	Journal	Rajendran Duraisamy Ramalingam, Ganapathy Sundaram Esakkimuthu, Jawahar Paulraj, Kabeel Abd Elnaby, Muthumanokar Athikesavan, Ravishankar Sathyamurthy, Sivakumar Vailthilingam	Inferences on the effects of geometries and heat transfer fluids in multi-cavity solar receivers by using CFD	<i>Renewable Energy and Water Sustainability, Volume 27</i>	2020	DOI:10.1007/s11356-019-06829-w	SDG - 7	Yes
80	Mech	Journal	Varun Kumar Arulvizhi and Selvakumar Alandur Somasundaram	Free vibrational characteristics of Dual Side Nd:YAG Laser Welded Stainless steel 304 joints reinforced with Al ₂ O ₃ , Micro Powder Particles	SAE Technical Paper	2020	https://www.sae.org/publications/technical-papers/content/2020-28-0393/	SDG - 9	No
81	Mech	Journal	Shanmugan S, Essa F.A., Shiva Gorjanc, Kabeel A.E., Ravishankar Sathyamurthy,	Experimental study on single slope single basin solar still using TiO ₂ nano layer for natural clean water invention	<i>Journal of Energy Storage, Volume 30</i>	2020	https://www.sciencedirect.com/science/article/abs/pii/S2352152X20307295	SDG - 7	Yes
82	Mech	Journal	Essa F.A., Ammar H Elsheikh, Ravishankar Sathyamurthy, Muthu Manokar, A, Kandeal, A.W., Shanmugan, S, Kabeel A.E., Swllam W. Sharshir, Hitesh Panchal, Younes M.M.,	Extracting water content from the ambient air in a double-slope half-cylindrical basin solar using silica gel under Egyptian conditions	<i>Sustainable Energy Technologies and Assessments</i>	2020	DOI:10.1016/j.seta.2020.100712	SDG - 7	Yes

83	Mech	Journal	Muthu Manokar, A, Yazan Taamneh, Abd Elnaby Kabeel, Prince Winston D, Vijayabalan, P, Balaji D, Ravishankar Sathyamurthy, Padmanaba Sundar S, Mageshbabu D	Effect of water depth and insulation on the productivity of an acrylic pyramid solar still - An experimental study	<i>Groundwater for Sustainable Development, Volume 10</i>	2020	https://www.sciencedirect.com/science/article/abs/pii/S2352801X1930390X	SDG - 7	Yes
84	Mech	Journal	Prabu Krishnasamy, Rajamurugan, G and Thirumurugan, M,	Performance of fiber metal laminate composites embedded with AL and CU wire mesh	<i>Journal of Industrial Textiles</i>	2020	https://journals.sagepub.com/doi/abs/10.1177/1528083720935570	SDG - 9	No
85	Mech	Journal	Ravishankar Sathyamurthy, Abd Elnaby Kabeel, Madhu Balasubramanian, Mageshbabu Devarajan, Swellam W Sharshir, Muthu Manokar, A	Experimental study on enhancing the yield from stepped solar still coated fumed silica nanoparticle in black paint	<i>Materials Letters, Volume 272</i>	2020	https://www.sciencedirect.com/science/article/abs/pii/S0167577X20305784	SDG - 7	Yes
86	Mech	Journal	Mohammed El Hadi Attia, Zied Driss, Muth Manokar, A, Ravishankar Sathyamurthy	Effect of aluminum balls on the productivity of solar distillate	<i>Journal of Energy Storage</i>	2020	DOI:10.1016/j.est.2020.101466	SDG - 7	Yes

87	Mech	Journal	Gurukarthik Babu Balachandran, Prince Winston David, Padmanaban Velayudhaperumal Chellam, Mohamed Nasrulla Akbar Ali, Vignesh Radhakrishnan, Ramkumar Balamurugan, Muthu Manokar, A	Rehash of cooked oil for the palatable water production using single slope solar still	Fuel, Volume 271	2020	DOI:10.1016/j.fuel.2020.117613	SDG - 7	No
88	Mech	Journal	Kamlesh Pansal, Bharat Ramani, Kishor kumar Sadasivuni, Hitesh Panchal, Muthu Manokar, A, Ravishankar Sathyamurthy, Kabeel. A.E, Suresh. M, Mohammad Israr,	Use of solar photovoltaic with active solar still to improve distillate output: A review	<i>Groundwater for Sustainable Development, Volume 10</i>	2020	https://www.sciencedirect.com/science/article/abs/pii/S2352801X19303935	SDG - 7	Yes
89	Mech	Journal	Varun Kumar Arulvizhi and Selvakumar Alandur Somasundaram	Nd:YAG Laser Welded Stainless steel 304: The effects of Al ₂ O ₃ , Micro Particles Addition	SAE Technical Paper	2020	https://www.sae.org/publications/technical-papers/content/2020-28-0418/	SDG - 9	No
90	Mech	Journal	Asrar Ahmed, K, Rasool Mohideen, S, Balaji, M.A.S., Surya Rajan, B	Tribological Performance of Brass Powder with Different Copper and Zinc Content in the Brake Pad	<i>Tribology in Industry, Volume 42</i>	2020	DOI:10.24874/ti.783.10.19.03	SDG - 9	No

91	Mech	Journal	Ravikumar, S, Kanagasabapathy, H, Muralidharan, V	Multi-component Fault Diagnosis of Self Aligning Troughing Roller (SATR) in Belt Conveyor System using Decision Tree - a Statistical Approach	FME Transactions, Volulme 48	2020	DOI:10.5937/fme2002364R	SDG - 9	No
92	Mech	Journal	Ravikumar, S, Muralidharan, V, Ramesh, P, Cheran Panidan	Fault Diagnosis of Self Aligning conveyor Idler in Coal Handling Belt conveyor system by statistical features using random forest algorithm	Advances in Smart Grid Technology	2020	https://www.springerprofessional.de/en/fault-diagnosis-of-self-aligning-conveyor-idler-in-coal-handling/18395644	SDG - 9	No
93	Mech	Journal	Nagarajan, K.J., Balaji, A.N., Sathick Basha, K, Ramanujam, N.R., Ashok Kumar, R	Effect of agro waste a-cellulosic micro filler on mechanical and thermal behavior of epoxy composites	<i>International Journal of Biological Macromolecules, Volume 152</i>	2020	DOI:10.1016/j.ijbiomac.2020.02.255	SDG - 9	No
94	Mech	Journal	Mohammed El Hadi Attia, Karthick, A, Muthu Manokar, A, Zied Driss, Abd Elnaby Kabeel, Ravishankar Sathyamurthy, Mohsen Sharifpur	Sustainable potable water production from conventional solar still during the winter season at Algerian dry areas: energy and exergy analysis	<i>Journal of Thermal Analysis and Calorimetry,</i>	2020	DOI:10.1007/s10973-020-10277-x	SDG - 7	Yes

95	Mech	Journal	Baskara Sethupathi, P, Chandradass, J, Sai Balaji, M.A	Comparative study of disc brake pads sold in Indian market - Impact on safety and environmental aspects	<i>Environmental Technology & Innovation, Volume 21</i>	2020	https://www.sciencedirect.com/science/article/abs/pii/S2352186420315455	SDG - 9	No
96	Mech	Journal	Lokeshkumar, J, Ramasamy, N and Mohamed Bak, K,	Compressive response on Kevlar hybrid Composite Pipe under Sea Water Environment	<i>AIP Publishing</i>	2020	https://aip.scitation.org/doi/10.1063/5.0025018	SDG - 9	No
97	Mech	Journal	Sirajudeen, N, and Abdur Rahman, M	Influence of aging and mass fraction of Al ₂ O ₃ on Mechanical Properties of Al6082/Al ₂ O ₃ composite produced by stir casting	<i>Metal Science and Heat Treatment, Volume 62</i>	2020	DOI:10.1007/s11041-020-00536-x	SDG - 9	No
98	Mech	Journal	Mahashar Ali, J, Siddhi Jailani, H, Murugan, M	Surface roughness evaluation of electrical discharge machined surfaces using wavelet transform of speckle line images	Measurement, Volume 149	2020	DOI:10.1016/j.measurement.2019.107029	SDG - 9	No
99	Mech	Journal	Mahashar Ali, J Siddhi Jailani, H, Murugan Mariappan, Mohamed Fahad, S	Optical surface roughness evaluation of ground specimens using speckle line images	SAE Technical Paper	2020	https://www.sae.org/publications/technical-papers/content/2020-28-0514/	SDG - 9	No

100	Mech	Journal	Ravindra Pathak, Serajul Haque	Characterization of Expanded Polystyrene by Pyrolysis Process for Plastic Waste to Fuel	<i>International Journal of Advanced Sciences and Technology, Volume 29</i>	2020	http://sersc.org/journals/index.php/IJAST/article/view/27595	SDG - 9	No
101	Mech	Journal	Ravindra Pathak, Serajul Haque	Experimental Evaluation of Low-Density Polyethylene by Pyrolysis Route	<i>International Journal of Advanced Science and Technology, Volume 29</i>	2020	http://sersc.org/journals/index.php/IJAST/article/view/29475	SDG - 9	No
102	Mech	Journal	Chandrika, V.S., Mohamed Thalib, M, Alagar Karthick, Ravishankar Sathyamurthy, Muthu Manokar, A, Umashankar Subramaniam and Stalin, B	Performance assessment of free standing and building integrated grid connected photovoltaic system for southern part of India	<i>Building Services Engineering Research & Technology</i>	2020	https://doi.org/10.1177/0143624420977749	SDG - 7	No
103	Mech	Journal	Sriharikota Chandra Sekhar, Karuppasamy Karuppasamy, Vedaraman, N, Ravishankar Sathyamurthy, Palanimuthu Vijayabalan, Ammar Elshiekh, Vinayagam Nandanakumar, Athikesavan Muthu Manokar	Process optimization and characterization of manila tamarind seed oil extracted by the soxhlet method	<i>International Journal of Energy for a Clean Environment, Volume 22</i>	2020	DOI:10.1615/InterJEnvironCleanEnv.2020034890	SDG - 7	No

104	Mech	Journal	Asif Afzal, Mohammed Samee, A.D., Jilte R.D., Md. Tariqul Islam, Muthu Manokar, A, Kaladgi Abdul Razak	Battery thermal management: An optimization study of parallelized conjugate numerical analysis using Cuckoo search and Artificial bee colony algorithm	<i>International Journal of Heat and Mass Transfer, Volume 166</i>	2020	DOI:10.1016/j.ijheatmasstransfer.2020.120798	SDG - 7	Yes
105	Mech	Journal	Mohammed El Hadi Attia, Zied Driss, Abd Elnaby Kabeel, Karthick Alagar, Muthu Manokar Athikesavan, Ravishankar Sathyamurthy	Phosphate bags as energy storage materials for enhancement of solar still performance	<i>Environmental Science and Pollution Research, Volume 28</i>	2020	https://link.springer.com/article/10.1007/s11356-020-12018-x	SDG - 7	Yes
106	Mech	Journal	Vignesh Kumar Ramalingam, Alagar Karthick, Manoj Praveen Vijayan Jeyalakshmi, Arul Marcel Moshi Antony Joseph Decruz, Athikesavan Muthu Manokar, Ravishankar Sathyamurthy	Enhancing the fresh water produced from inclined cover stepped absorber solar still using wick and energy storage materials	<i>Environmental Science and Pollution Research</i>	2020	DOI:10.1007/s11356-020-12030-1	SDG - 7	Yes
107	Mech	Journal	Mohammed El Hadi Attia, Zied Driss, Abd Elnaby Kabeel, Asif Afzal, Muthu Manokar, A, Ravishankar Sathyamurthy	Phosphate bed as energy storage materials for augmentation of conventional solar still productivity	<i>Environmental Progress & Sustainable Energy</i>	2020	DOI:10.1002/ep.13581	SDG - 7	Yes

108	Mech	Journal	Stephen Bernard, S, Jayakumari, L.S., Md. Javeed Ahmed, Arulmurugan, S	Tribological and mechanical properties of biobased reinforcement in a friction composite material	<i>Materia</i>	2020	DOI:10.1590/s1517-70762020003.1085	SDG - 9	No
109	Mech	Journal	Showkat Ali, Karunanithi, R, Prashanth, M, & Sivasankaran	A novel study on mechanically alloyed nanocrystalline Ti-6Al-4V fabricated by spark plasma sintering	<i>Powder Metallurgy</i>	2020	https://doi.org/10.1080/00325899.2020.1867391	SDG - 9	No
110	Mech	Journal	Manzoore Elahi M, Asif Afzal, Mohammad Reza Safaei, Muthu Manokar, A, Ahmed, I, EL-Seesy, Mujtaba, M.A., Olusegun David Samuel, Irfan Anjum Badruddin, Waqar Ahmed, Kiran Shahapurkar, Marjan Goodarzi,	Investigation on the effect of cottonseed oil blended with different percentages of octanol and suspended MWCNT nanoparticles on diesel engine characteristics	<i>Journal of Thermal Analysis and Calorimetry</i>	2020	https://link.springer.com/article/10.1007/s10973-020-10293-x	SDG - 7	No
111	Mech	Journal	Ravishankar Sathyamurthy, Kabeel, A.E., Ali Chamkha, Alargar Karthick, Muthu Manokar, A, Sumithra. M.G	Experimental Investigation on cooling the photovoltaic panel using hybrid nanofluids	<i>Applied Nanoscience</i>	2020	https://link.springer.com/article/10.1007/s13204-020-01598-2	SDG - 7	Yes

112	Mech	Journal	Ali J. Chamkha, Dsilva winfred Rufuss, D, Kabeel, A.E., Ravishankar Sathyamurthy, Mohammed Abdelgaid, Muthu Manokar, A, Madhu, B	Augmenting the potable water produced from single slope solar still using CNT-doped paraffin wax as energy storage: an experimental approach	<i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i>	2020	https://link.springer.com/article/10.1007/s40430-020-02703	SDG - 7	Yes
113	Mech	Journal	Essa, F.A., Omara, Z.M., Abdullah, A.S., Shanmugan, S, Hitesh Panchal, Kabeel, A.E., Ravishankar Sathyamurthy, Wissam H. Alawee, Muthu Manokar, A, Ammar H. Elsheikh	Wall Suspended Trays inside stepped distiller with Al ₂ O ₃ / Paraffin Wax mixture and Vapour Suction: Experimental Investigation	<i>Journal of Energy Storage</i>	2020	DOI:10.1016/j.est.2020.102008	SDG - 7	Yes
114	Mech	Journal	Kabeel, A. E., MuthuManokar, A., Sathyamurthy, R., Prince Winston, D., El-Agouz, S. A., &Chamkha, A. J	A review on different design modifications employed in inclined solar still for enhancing the productivity	<i>Journal of Solar Energy Engineering</i>	2020	DOI:10.1115/1.4041547	SDG - 7	Yes
115	Mech	Journal	Kabeel, A.E., Ravishankar Sathyamurthy, Swellam W. Sharshir, Muthumanokar, A, Hitesh Panchal, Prakash, N, Prasad, C, Nandakumar, S, El Kady, M.S	Effet of water depth on a novel absorber plate of pyramid solar still coated with TiO ₂ nano black paint	<i>Journal of Cleaner Production</i>	2020	DOI:10.1016/j.jclepro.2018.12.185	SDG - 7	Yes

116	Mech	Journal	Logesh, K, Hariharasakthisudhan, P, Surya Rajan, B, Arul Marcel Moshi, A, Khalkar, V	Effect of multi-walled carbon nano-tube on mechanical behavior of glass laminate aluminum reinforced epoxy composites	<i>Polymer Composites</i>	2020	DOI:10.1016/j.ijadhadh.2019.102538	SDG - 9	No	
117	Mech	Journal	Hariharasakthisudhan, P, Surya Rajan, B and Sathickbasha, K	Inspiration of reinforcements, manufacturing methods, and microstructural changes on wear behavior of metal matrix composites - a recent review	<i>Materials Research Express</i>	2020	DOI:10.1088/2053-1591/ab6918	SDG - 9	No	
118	Mech	Journal	Logesh, K, Hariharasakthisudhan, P, Arul Marcel Moshi, A, Surya Rajan, B and Sathickbasha, K	Mechanical properties and microstructure of A356 alloy reinforced AlN/MWCNT/graphite/Al composites fabricated by stir casting	<i>Materials Research Express</i>	2020	DOI:10.1088/2053-1591/ab6918	SDG - 9	No	
119	Mech	Journal	Hariharasakthisudhan, P, Sathickbasha, K, Surya Rajan, B and Jeyanthram, V	Steady-state wear Behavior of Multi-Scale Hybrid Composite - AA6061/Al ₂ O ₃ (mm)/EN31 Steel Tribo System	<i>Journal of Tribology</i>	2020	DOI:10.1115/1.4044853	SDG - 9	No	
120	ECE	Journal	A Priya, S K Mohideen, M Saravanan	Multi-state reconfigurable antenna for wireless communications	Journal of Electrical Engineering & Technology	2019	10.1007/s42835-019-00321-8	SDG4, SDG9	No	

121	ECE	Journal	V.JeanShilpa, Dr.P.K.Jawahar	Cognitive adaptive travelling window for high performance computing	International Journal of Circuit, Systems and Signal Processing	2019	https://www.naun.org/cms.action?id=19907	SDG4, SDG9	No	
122	ECE	Journal	MarekDvorsky, Harihara Ganesh, SathishPrabhu	Design and Validation of a Novel Structure Antipodal Vivaldi Antenna	Hindawi International Journal of Antennas and Propagation	2019	https://www.hindawi.com/journals/ijap/2019/7472186/	SDG4, SDG9	Yes	
123	ECE	Journal	M. Vanmathi, M.Mohamed Ismail, M. Senthil Kumar	Optimization of RF sputtering process parameter on electrical resistivity , deposition rate and sensitivity of Al doped ZnO thin film grown on Si substrate using grey taguchi technique	Bulletin of material science	2019	DOI:10.1007/s12034-019-1800-x	SDG4, SDG9	No	
124	ECE	Journal	Vanmathi, M. Senthil Kumar, Mohamed Ismail, G. Senguttuvan	Optimization Of Process Parameters For Al-Doping Back Ground On CO Gas Sensing Characteristics Of Magnetron-Sputtered	Material research express	2019	https://iopscience.iop.org/article/10.1088/2053-1591/ab3a02	SDG4, SDG9	No	
125	ECE	Journal	Walter D. Leon-Salas, Xiaozhe Fan, Yizhou Zhang ¹ and SindhubalaKadirvelu	Wireless Optical Communications with GaAs Solar Cells	Frontiers in Optics 2019	2019	https://www.osapublishing.org/abstract.cfm?uri=FiO-2019-JTu4A.83	SDG4, SDG9,SDG10	Yes	

126	ECE	Journal	S.Syedrafiammal,DNajumnissa,GAnuradha,SKajaMohideen,P.KJawahar,Syed abdulMuthalif	A Low power and high performance hardware design for automatic epilepsy seizure detection	International journal of electronics and telecommunication	2019	http://ijet.pl/index.php/ijet/article/view/10.24425-ijet.2019.130254	SDG3,SDG4, SDG9	No	
127	ECE	Journal	Indragandhi,PKJawahar	Core Performance Based Packet Priority Router for NOC Haterogeneous Multicore Processor	Springer LNNS series	2019	https://books.google.co.in/books?id=XL_2DwAAQBAJ&pg=PA389&dq=Indragandhi,PKJawahar,+%E2%80%9DCore+Performance+Based+Packet+Priority+Router+for+NOC+Haterogeneous+Multicore+Processor&source=bl&ots=vy_GUjXGep&sig=ACfU3U3Vv7MhYfwNoCq0Yhmsj3i4x3qIPQ&hl=en&sa=X&ved=2ahUKEwjSu8eu1Kn0AhXc7XMBHU8rB	SDG4,SDG9	No	

128	ECE	Journal	A. Ambika and C. Tharini	Semicircle CSRR with Circular Slot Array Structures for High Level Mutual Coupling Reduction in MIMO Antenna	"Progress In Electromagnetics Research M	2019	https://www.jpier.org/PIERM/pierm87/03.19091001.pdf	SDG4, SDG9	No	
129	ECE	Journal	Kanchana D, Radha.S, B.S.Sreeja, E.Manikandan	Polarization independent bandstop frequency selective surface for X-band application	Circuit World	2019	https://doi.org/10.1108/CW-01-2019-0003	SDG4, SDG9	No	
130	ECE	Journal	Kanchana D, Radha.S, B.S.Sreeja, E.Manikandan	Convolutd FSS Structure For Shielding Application In X-Band Frequency Response	IETE Journal of Research	2019	https://doi.org/10.1080/03772063.2019.1691062	SDG4, SDG9	No	
131	ECE	Journal	Indra Gandhi K ,P.K.Jawahar	Fuzzy based Efficient Task Scheduling Scheme (ETSS) on Heterogeneous Multicore Processor	International Journal of Advanced Intelligence Paradigms	2019	DOI:10.1504/IJAIP.2018.10025677	SDG4, SDG9	No	
132	ECE	Journal	V.JeanShilpa, Dr.P.K.Jawahar	Advanced Optimization by Profiling of Acoustics Software Applications for Interoperability in HCF Systems	Journal of Green Engineering	2019	http://www.jgenng.com/volume9-issue3.php	SDG4, SDG9	No	
133	ECE	Journal	B. Kaleeswari, Dr S KajaMohideen, S. Vijayakumar	Optimization of Leakage Current in 8T SRAM Bit-cell at 90nm CMOS Technology- Low Power Analysis	Journal of Advanced Research in Dynamical and Control Systems	2019	https://www.jardcs.org/abstract.php?id=214	SDG4, SDG9	No	

134	ECE	Journal	MdWajid khan, Dr S KajaMohideen, S. Vijayakumar	Design and Implementation of 1D-DCT in CORDIC Using SPST	Journal of Advanced Research in Dynamical and Control Systems		https://www.jardcs.org/abstract.php?id=226	SDG4, SDG9	No	
135	Mangt	Journal	Jain Jacob M, Dr. M. Shanmugam, Dr. Muhammed Jamsheer	Impact of microfinance on women empowerment : An empirical study based on a Private microfinance company in India	Journal of Xi'an University of Architecture & Technology	2020	http://www.igidr.ac.in/conf/money/mfc_10/Jyotish%20Prakash%20Basu_submission_55.pdf	SDG 8 - Decent Work & Economic Growth	No	
136	Mangt	Journal	Jain Jacob M, Dr. M. Shanmugam	A study on Influencing factors of online shopping and purchasing decisions among college students		2020	http://serisc.org/journals/index.php/IJAST/article/view/9801	SDG 9 - Industry, Innovation & Infrastructure	No	
137	Mangt	Journal	Syed Azamussan & M. Shanmugam	Nomological validation of Villa Castaño's socially responsible consumption scale		2020	https://link.springer.com/article/10.1007/s12208-020-00257-0#:~:text=The%20factors%20of%20the%20scale,socially%20responsible%20businesses%2C%20and%20	SDG 12 - Responsible Consumption & Production	No	

138	Mangt	Journal	Tisha Meriam Cherian, K. Mohamed Jasim & M. Shanmugam	E-Procurement Practices to improve the efficiency of Vendor Transactions in Indian Cement Industries		2020	https://www.inderscience.com/info/article.php?artid=108615	SDG 12 - Responsible Consumption & Production	No
139	Mangt	Journal	Dr. J. Hemalatha, Dr. L. Aravindh Kumaran, Dr. Shanmugam Munuswamy	Retail Store Attributes, Shopping Motives and Cross Shopping Behaviour: Traditional Stores vs. Supermarkets	International Journal of Advanced Science and Technology	2020	http://sersc.org/journals/index.php/IJAST/article/view/31728	SDG 12 - Responsible Consumption & Production	No
140	Mangt	Journal	Amir Ahmad Dar & Dr. N.Anuradha	Application of Call Option in an Airline Ticket Booking Process	International Journal of Advanced Science and Technology	2020	http://sersc.org/journals/index.php/IJAST/article/view/19044	SDG 9 - Industry, Innovation & Infrastructure	No
141	Mangt	Journal	Amir Ahmad Dar & Dr. N.Anuradha	Use of Taguchi method for optimisation of process parameters of option pricing model	Int. J. Services, Economics and Management	2020	https://www.inderscienceonline.com/doi/abs/10.1504/IJSEM.2020.107789	SDG 9 - Industry, Innovation & Infrastructure	No
142	Mangt	Journal	Amir Ahmad Dar, N Anuradha	Studies on European call option of binomial option pricing model using Taguchi's L27 orthogonal array	Int. J. Intelligent Enterprise	2020	https://www.inderscienceonline.com/doi/abs/10.1504/IJIE.2020.104663	SDG 9 - Industry, Innovation & Infrastructure	No

143	Mangt	Journal	Ms. M. Madhyvadany and Dr. S. Panboli	A review on career development program and performance appraisal system on employee engagement	International Journal of Psychosocial rehabilitation	2020	https://www.testmagzine.biz/index.php/testmagzine/article/view/6835	SDG 8 - Decent Work & Economic Growth	No
144	Mangt	Journal	Ms. M. Madhyvadany and Dr. S. Panboli	A review on influence of direction function on Employee Engagement	International Journal of Advanced Science and Technology	2020	http://serisc.org/journals/index.php/IJAST/article/view/9802	SDG 8 - Decent Work & Economic Growth	No
145	Mangt	Journal	Dr.H.Rahamath Sulthana	The Role Ethiopian Commodity Exchange in promotion of Agricultural Products	Journal of advanced research in dynamical and control systems	2020	DOI: 10.5373/JARDCS/V12I2/S20201270	SDG 8 - Decent Work & Economic Growth	No
146	Mangt	Journal	Hemalatha Jeyachandran, Aravindh Kumaran, L., Takhellambam Rocky Devi, Asokk Dayalan, Arun Prasad	Grocery Shopping Pattern of Indian Retail Customers: Traditional Stores Vs. Supermarkets	International Journal of Recent Technology and Engineering (IJRTE)	2019	https://www.ijrte.org/wp-content/uploads/papers/v8i4/C4156098319.pdf	SDG 12 - Responsible Consumption & Production	No
147	Mangt	Journal	Dar, Amir Ahmad; Anuradha, N; Qadir, Shahid	Estimating probabilities of default of different firms and the statistical tests	Journal of Global Entrepreneurship Research	2019	https://link.springer.com/article/10.1186/s40497-019-0152-8	SDG 9 - Industry, Innovation & Infrastructure	No

148	Mangt	Journal	Ms. M. Madhyvadany and Dr. S. Panboli	Employee Engagement-Revisited	International Journal of Engineering and Advanced Technology(IJEAT)	2019	https://www.ijeat.org/wp-content/uploads/papers/v9i1/A3071109119.pdf	SDG 8 - Decent Work & Economic Growth	No
149	Mangt	Journal	Dr. S. Panboli & Kiran Birda	Camel Research of Selected Private and Public Sector Banks in India	International Journal of Innovative Technology and Exploring Engineering(IJIT EE)	2019	https://www.ijitee.org/wp-content/uploads/papers/v8i12/L39791081219.pdf	SDG 9 - Industry, Innovation & Infrastructure	No
150	Mangt	Journal	Ms. M. Madhyvadany and Dr. S. Panboli	A Need Based Study on Employee Engagement in India with Reference to serviceSector Enterprises	International Journal of Research and Analytical Reviews(IJRAR) An International Open Access Journal	2019	http://www.ijrar.org/IJAR19K5706.pdf	SDG 8 - Decent Work & Economic Growth	No
151	Mangt	Journal	Khan Adil & Dr. Ansari Sarwar Alam	Retail Investors' Attitude towards Socially Responsible Investment (SRI) in India: Examining the role of religiosity and moral norms within TPB framework.	International Journal of Advance Science and Technology	2019	http://sersc.org/journals/index.php/IJAST/article/view/441	SDG 12 - Responsible Consumption & Production	No

152	Mangt	Journal	Takhellambam R Devi, Shanmugam Munuswamy, Mohamed Jasim	Factors influencing job burnout level: An empirical investigation on warehouse employees	International Public Health Journal	2019	http://www.novapublishers.org/catalog/product_info.php?products_id=66020	SDG 8 - Decent Work & Economic Growth	No
153	EEE	Journal	S.Suresh, Dr.R.Zahira	MPPT Algorithm based IBC and IBC Lift C Solar Photo Voltaic System	Psychology and Education, VOL. 57 NO. 9 (2020): VOLUME 57 NO. 9 (2020)	2020	http://psychologyandeducation.net/pae/index.php/pae/article/view/568	7,12	No
154	EEE	Journal	Sahul Hameed Jennathu Beevi ., Ramasubramanian, Jayashree	Optimal Fractional Order PI Controller for Frequency Ancillary Services in Restructured Power System	Energy Syst (2020), Springer	2020	https://doi.org/10.1007/s12667-020-00390-z	7,12	No
155	EEE	Journal	S.Jennathu Beevi and R. Jayashree,	Optimal Combination Approach for Frequency Regulation in Restructured Power Grid Utility	International Journal of Electrical and Electronic Engineering & Telecommunications, Vol. 9, No. 1, pp. 28-37,	2020	https://doi:10.18178/ijeetc.9.1.28-37	7,12	No

156	EEE	Journal	Viswaprakash Babu, K. Shafeeque Ahmed, Y.Mohamed Shuaib, Manikandan M, S.Sathik Basha	Voltage Sag /Swell Compensation Using Solar Photovoltaic Inverter based Dynamic Voltage Restorer (SPVI-DVR)	Journal of Green Engineering (JGE), Volume-10, Issue-9	2020	https://www.researchgate.net/publication/348231752_Voltage_Sag_Swell_Compensation_Using_Solar_Photovoltaic_Inverter_based_Dynamic_Voltage_Restorer_SPVI-DVR	7	No
157	EEE	Journal	Belwin J.Brearley, R.Raja Prabu, K. Regin Bose and V.Sankaranarayanan	Adaptive Relay Coordination Scheme for radial microgrid	International Journal of Ambient Energy, Taylor and Francis	2020	https://www.tandfonline.com/doi/abs/10.1080/01430750.2020.1722226	7	No
158	EEE	Journal	Mohamed Iqbal. M, R. Zahira, D. Lakshmi, C. N. Ravi	Voltage Stability Enhancement of SMIB System using Variable Structure Controller	Solid State Technology	2020	https://solidstatetechnology.us/index.php/JSST/issue/view/49	12	No
159	EEE	Journal	Veerakumar.P, Sundar.R, D.Lakshmi, R.Zahira	Automatic Temperature Control System for Ship's Turbine Main Oil Cooler Using PIC Microcontroller	International Journal of Advanced Science and Technology, Vol. 29, no. 04, Feb. 2020, pp. 1170 - 74.	2020	http://sersc.org/journals/index.php/IJAST/article/view/4822	7,9	No

160	EEE	Journal	Hemavathy P.R., Mohamed Shuaib Y	Internal model controller based PID with fractional filter design for a nonlinear process	, International Journal of Electrical and Computer Engineering (IJECE) Vol. 10, No. 1,pp. 243~254	2020	<a href="http://ijece.i
aescore.co
m/index.ph
p/IJECE/art
icle/view/18
107">http://ijece.i aescore.co m/index.ph p/IJECE/art icle/view/18 107	9,12	No
161	EEE	Journal	S.Amirta Raj, D.Lakshmi, V.Madhan kumar and R.Zahira	Switching Loss Reduction and Simulation of Quasi Z- Source Inverter System Fed BLDC Motor	International Journal of Advanced Science and Technology, Vol. 29, no. 04, Feb. 2020, pp. 1149 - 57, ISBN: 978-93- 85434-75-4.	2020	<a href="http://sersc.
org/journals
/index.php/I
JAST/articl
e/view/4819">http://sersc. org/journals /index.php/I JAST/articl e/view/4819	7,12	No
162	EEE	Journal	R. Soundara P, R. Jayashree	Short Term generation scheduling for thermal generators with wind uncertainty and pumped hydro storage using optimization technique	Solid State Technology	2020	<a href="https://solid
statetechno
logy.us/inde
x.php/JSST
/article/view
/766">https://solid statetechno logy.us/inde x.php/JSST /article/view /766	12	No
163	EEE	Journal	K Sarmila, R Jayashree, M Abdullah Khan	Optimal reactive power allocation and settlement in deregulated power market	International Journal Power and Energy Conversion	2020	<a href="https://www
.inderscien
ceonline.co
m/doi/abs/1
0.1504/IJP
EC.2020.10
6269">https://www .inderscien ceonline.co m/doi/abs/1 0.1504/IJP EC.2020.10 6269	12	No

164	EEE	Journal	D.Buvana, R.Jayashree	ANFIS Controller based cascaded non-isolated bi-directional DC-DC converter	Journal of Circuits, Systems and Computers, Vol.28, No.1	2019			No
165	EEE	Journal	P. R. Hemavathy, Y. Mohamed Shuaib and S. K. Lakshmanprabu,	Design of Smith Predictor Based Fractional Controller for Higher Order Time Delay Process	CMES: Computer Modeling in Engineering & Sciences, Vol. 119, No. 3, 2019 ,pp.481-498	2019	http://www.genng.com/volume9-issue3-1	9,12	No
166	EEE	Journal	G.Kavitha and Y.MohamedShuaib	Fuzzy Logic Controlled AC to AC Converter FED Three phase P.M.S.M Drive	, International Journal of Recent Technology and Engineering, July 2019,Volume 8, Issue 2,ISSN 2277-3878	2019	https://www.ijrte.org/uploads/papers	7,12	No
167	EEE	Journal	G.Kavitha and Y.Mohamed Shuaib	Power Quality Improvement in Inverter Fed PMSM Drives using Hybrid Technique	Journal of Green Engineering, October 2019,Volume 9, Issue 3,ISSN - 1904- 472	2019	http://www.genng.com/volume9-issue3-1	7,12	No
168	EEE	Journal	S.Jennathu Beevi and R. Jayashree	Optimal Fractional Order PID Controller for Centralized and Decentralized Frequency Control in Restructured Power System	International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-8 Issue-10,	2019	https://doi.org/10.35940/ijitee.I8711.0881019	7,12	No

169	CA	Journal	S. Sabaria, A.K. Reshmy, P. Amudhavalli, A. Ramya,	Learning Based Facial Aesthetic Prediction Using Wrapper Feature Selection Approach	Int. J. of Advanced Science and Technology, Vol. 29, No. 9s, pp. 6790-6802	2020	http://sersec.org/journals/index.php/IJAST/article/view/20426	SDG 9	No
170	CA	Journal	A. Radhika, Dr. M.Syed Masood	Effective dimensionality reduction by using soft computing method in data mining techniques	Soft Computing , International Journal, Springer-Verlag Publisher, Germany, part of Springer Nature 2021, Scopus Indexed, ISSN No. 14327643, 14337479	2021	https://link.springer.com/article/10.1007/s00500-020-05474-7	SDG 9	No
171	CA	Journal	S.Srisakthi, A.P.Shanthi	Towards the Design of a Stronger AES: AES with Key Dependent Shift Rows (KDSR)	Wireless Personal Communications	2020	https://link.springer.com/content/pdf/10.1007/s11277-020-07514-9.pdf	SDG 9	No
172	CA	Journal	Dr. V. Shenbagapriya, Dr. V.J Sowmya, T. Pandiyavathi	Augumented Reality influences and challenges in diversified fields	Design Engineering. (Jun. 2021)ISSN: 0011-9342 Year 2021, (SCOPUS) Issue: 6 Pages: 1244 - 1251	2021	http://thedesigengineer.com/index.php/DE/article/view/2100	SDG 9	No

173	CA	Journal	T. Pandiyavathi, Dr. B. Sivakumar	A Systematic Review on Continuous Improvement with DevOps	DE, pp. 2023 - 2032, Jun. 2021.	2021	http://thede-signengine.ing.com/index.php/DE/article/view/2207	SDG 9	No
174	CA	Journal	T. Pandiyavathi, T. Manochandar	Restructuring with Moora and Measuring Code Smells	International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-8 Issue-12, October 2019	2019	https://www.ijitee.org/wp-content/uploads/papers/v8i12/L28461081219.pdf	SDG 9	No
175	CA	Journal	Akila Devi TR, K Javubar Sathick, A Abdul Azeez Khan, L Arun Raj	A Novel Framework Using Zero Shot Learning Technique for a Non-Factoid Question Answering System	International Journal of Web-Based Learning and Teaching Technologies (IJWLTT)	2021	https://www.igi-global.com/journal/international-journal-web-based-learning/1081	SDG 4	No
176	CA	Journal	Shaikh Abdul Waheed, P Khader, Abdul Azeez Khan, Javubar Sathick	Feature extraction from behavioral styles of children for prediction of severity of stuttering using historical stuttering data	International Journal of Speech Technology	2021	https://link.springer.com/article/10.1007/s10772-021-09868-2	SDG 3	No

177	CA	Journal	Dr. V. Shenbagapriya, Dr. V.J Sowmya, T. Pandiyavathi	A Preliminary Study On Developing an Indian Tourism Economy With Statistical Approach Using Emerging Technologies” Virtual 2nd International Conference on Recent Advances in Computing and Communication-28th May 2021	JOURNAL OF EDUCATION: RABINDRABHA RATI UNIVERSITY ISSN : 0972- 7175, Vol. : XXIII, No. :6(II), 2020– 2021	2021	http://rbu.ac.in/home/page/103	SDG 12	No
178	CA	Journal	M.P., Rajakumar & Sonia, R. & Maheswari, B. & Karuppiah	S.P.Tuberculosis detection in chest X- ray using Mayfly- algorithm optimized dual-deep-learning features.	Journal of X-Ray Science and Technology.2021 , 29. 1-14. 10.3233/XST- 210976.	2021	https://content.iospress.com/articles/journal-of-x-ray-science-and-technology/xst210976	SDG 9	No
179	CA	Journal	Rajakumar, M.P., Ramyra, J., Uma Maheswari, B., Sonia, R	Novel Scheme for Encryption and Decryption of 3D Point and Mesh Cloud Data in Cloud Computing,	Journal of Control Engineering and applied Informatics, Volume 23, Issue 1, 2021, Pages 93-102	2021	http://www.ceai.srait.ro/index.php?journal=ceai&page=article&op=view&path%5B%5D=7106	SDG 9	No

180	CA	Journal	V. Shenbaga Priya., D. Ramya Chitra,	" Kernel Based Remote Sensing Vegetation Classifier with Levy Optimized Subspace",	Wireless Personal Communication, 2019(SCI)	2019		SDG 9	No
181	CA	Journal	Md Oqail Ahmad and Rafiqul Zaman Khan	Cloud Computing Modeling and Simulation using CloudSim Environment	International Journal of Recent Technology and Engineering (IJRTE) ISSN: 2277-3878, Volume-8 Issue-2, pp. 5439-5445	2019	https://www.researchgate.net/publication/344265709_Pso-based-Task-Scheduling-Algorithm-Using-Adaptive-Load-Balancing-Approach-For-Cloud-Computing-Environment-	SDG 9	No
182	CA	Journal	Md Oqail Ahmad and Rafiqul Zaman Khan	Pso-Based Task Scheduling Algorithm Using Adaptive Load Balancing Approach For Cloud Computing Environment	International Journal of Scientific and Technology Research (IJSTR), ISSN 2277-8616, Vol. 8, Issue 11, pp. 457-462,	2019	http://www.ijstr.org/paper-references.php?ref=IJSTR-1119-24728	SDG 9	No

183	CA	Journal	Md Oqail Ahmad and Rafiqul Zaman Khan	Optimized Hyper Heuristic Scheduling using Adaptive Load Balancing Algorithm in Cloud Computing	Journal of Seybold Report, Vol. 15 No. 7, pp. 559-570, ISSN NO: 1533-9211	2020	https://jusst.org/wp-content/uploads/2020/10/Optimized-Hyper-Heuristic-Scheduling-using-Adaptive-Load-Balancing-Algorithm-in-Cloud-Computing.pdf	SDG 9	No
184	CA	Journal	Md Oqail Ahmad and Rafiqul Zaman Khan	An efficient load balancing scheduling strategy for cloud computing based on hybrid approach	International Journal of Cloud Computing, Vol. 9, Issue 4, 2020. InderScience Publication	2020	https://www.inderscienceonline.com/doi/abs/10.1504/IJC.C.2020.112317	SDG 9	No
185	CA	Journal	Shams Tabrez Siddiqui, Md Oqail Ahmad, Mohammad Shuaib, S Gulzar Ahmed Rizvi	Cloud Based Requirements Management Tools Should Be Selected on the Basis of Project Requirements	IJCSE, vol.8 , Issue.10 , pp.83-88. DOI: https://doi.org/10.26438/ijcse/v8i10.8388 .	2020	https://www.ijcseonline.org/pdf_paper_view.php?paper_id=5236&16-IJCSE-08361.pdf	SDG 9	Yes

186	CA	Journal	Wasiur Rhmann, Ansari, G.A	Ensemble Techniques-Based Software fault Prediction in an Open Source Projec	International Journal of Open Source Software and Process, Volume-11, Issue 2, pp. 33-48,			SDG9	No
187	CA	Journal	Wasiur Rhmann, Babita Pandey Ansari, G.A., and D.K. Pandey	Software fault prediction based on changes metrics using hybrid algorithms: An empirical study	Journal of King Saud University –Computer and Information Sciences, Elsevier, Volume 32, Issue 4, , pp. 419-424,			SDG9	No
188	CA	Journal	P.Padmavathy, S.Pakkir Mohideen	An Efficient Two-Pass Classifier System for Patient Opinion Mining to Analyze Drugs Satisfaction	Journal Of Biomedical Signal Processing And Control	2019	https://doi.org/10.1016/j.bspc.2019.101755	SDG 9	No
189	CA	Journal	P.Padmavathy, S.Pakkir Mohideen	An Improved Grey Wolf Optimization Algorithm for Enhancing Two-Pass Opinion Mining Classifier using Patient Reviews	International Journal of Psychosocial Rehabilitation	2020	https://www.psychosocial.com/article/PR280111/15916	SDG 9	No
190	CA	Journal	P.Padmavathy, S.Pakkir Mohideen , Zameer Gulzar,	PMI based polarity computation for SVM-NN based sentiment classification from user-generated reviews	International Journal of Intelligent Unmanned Systems	2021	https://doi.org/10.1108/IJIUS-09-2020-0043	SDG 9	No

191	CA	Journal	M. Mohamed Divan Masood, A. R. Arunarani, D. Manjula & Vijayan Sugumaran	An efficient algorithm for identifying (l , d) motif from huge DNA datasets	Journal of Ambient Intelligence and Humanized Computing (2021) 12:485–495 https://doi.org/10.1007/s12652-020-02013-y	2020	https://link.springer.com/article/10.1007%2Fs12652-020-02013-y#auth-Vijayan-Sugumaran	SDG 9	No
192	CA	Journal	A.Salman Ayaz,A.Jaya,Zameer Gulzar	Recommendation-Based MetaSearch Engine for Suggesting Relevant Documents Links	International Journal of Information and Communication Technology Education Copyright © 2020, IGI Global.	2020	https://doi.org/10.4018/IJICTE.2020100106	SDG9	No
193	CA	Journal	Dr. Dhanalakshmi, Dr. Raguraman, Dr. Sudha Rajesh	Automated Classification of Lung Cancer subtypes with J48 using Weka Tool	International Journal of Future Generation Communication and Networking	2021	Volume 14, No. 1, pp. 237–247, ISSN: 2233-7857. Feb 2021. (Web of Science). http://www.sersc.org/journals/index.php/IJFGCN .	SDG9	No

194	CA	Journal	Dr. Sudha Rajesh et.al	A Study On Online Spam Review Detection Methods by Machine Learning Approach	Turkish Journal of Computer and Mathematics Education	2021	Vol.12 No.9 (2021), pp: 1292-1304, April 2021. (Scopus Indexed)	SDG9	No
195	CA	Journal	Mr. Aruna, Dr. Sudha Rajesh	A Comparative Study on Face Mask Detection Using Artificial Neural Network Techniques	The International journal of analytical and experimental modal analysis	2021	Vol. 13, Issue 7, ISSN: 0886-9367, pp: 294-297, DOI:18.000 2.IJAEMA.2 021.V13I7. 200001.015 685901264 July 2021.	SDG9	No
196	CA	Journal	Dr. Sudha Rajesh, Dr. Amudhavalli, Ms. Dhanalakshmi	1. Prediction of Air Pollution Using Supervised Machine Learning	International Conference on Recent Trends in Artificial Intelligence 2021, Organized by Computer Science & Engineering Department, Kalady	2021	Accepted to Publish in Journal of Applied Information Science (In Press)	SDG9	No
197	CA	Journal	Ms. Abrana, Dr. Sudha Rajesh	2. Breast Cancer Detection By Using Supervised Learning Algorithm				SDG9	No
198	CA	Journal	Dr. Sudha Rajesh, Ms. Nishanithi	3. Short-Term Rainfall Using Logistic Regression Algorithm				SDG9	No
199	CA	Journal	Dr. Sudha Rajesh, Dr. Amudhavalli, Mr. Naseeruddin	4. Digital Crime Reporting System by Using PHP				SDG9	No

200	CA	Journal	Dr. Sudha Rajesh, Ms. Sharmila	5. Flight Delays Prediction Using Supervised Learning Algorithm				SDG9	No
201	CA	Journal	Dr. Sudha Rajesh et.al	An Application-Driven Modular Traffic Light Control System using Lean Supply Chain	Mobile Networks and Applications - SCI Springer Journal	2021	Completed first revision and communicated	SDG9	No
202	Auto	Journal	N. Ravikumar, R. Rajendran, T. R. Tamilarasan , R Pandurangan	Tribological Properties Evaluation of Newly Developed Friction Material for Automotive Disc Brake Pad	SAE Technical Paper (No. 2020-28-0511)	2020	https://sae.mobilus.sae.org/content/2020-28-0511/#abstract	9	No
203	Auto	Journal	Syed, Zeenath Fathima, T. R. Tamilarasan , S. Rasool Mohideen, Milon Selvam Dennison	Mechanical properties and surface characterisation of aluminium foam made of Al 6101 subjected to cryogenic treatment- a comparative study	International Journal of Materials Engineering Innovation (11(3), pp. 244-263, Inderscience)	2020	https://www.inderscienceonline.com/doi/abs/10.1504/IJMATEI.2020.108884	9	Yes

204	Auto	Journal	J. Sudagar, R. Muraliraja, T.R. Tamilarasan , U. Sanjith	Electroless Composite Coatings chapter in Electroless Nickel Plating: Fundamentals to Applications Book	CRC Press (Taylor & Francis)	2019	https://www.taylorfrancis.com/chapters/edit/10.1201/9780429466274-9/electroless-composite-coatings-sudagar-jothi-muraliraja-tamilarasan-sanjith-udayakumar-selvakumar?context=ubx&refId=82ee10a6-81d4-464e-9190-9ab9e2266fa8	9	Yes
205	Auto	Journal	Loganathan S, Rajendran R, Tamilarasan TR	Tensile and Fatigue Behavior of Shallow Cryogenically Treated EN19 Alloy Steel	SAE Technical Paper (No. 2019-28- 0100)	2019	https://www.sae.org/publications/technical-papers/content/2019-28-0100/	9	No

206	Auto	Journal	Dineshkumar C, Roshan D, Jeyakumar P.D, Tamilarasan T.R	Generation of Electrical Energy for Charging of a Battery by using Exhaust Gas Energy	International Journal of Innovative Technology and Exploring Engineering (8(10), pp. 2159- 63)	2019	https://www.ijitee.org/wp-content/uploads/papers/v8i10/J93770881019.pdf	7,9,12	No
207	Auto	Journal	Rajendran R, Tamilarasan T.R , Balaji V.P, Azhagarsamy V.	Corrosive Wear of Steel for Automotive Exhaust Application	SAE Technical Paper (No. 2019-28- 0178)	2019	https://www.sae.org/publications/technical-papers/content/2019-28-0178/	9	No
208	Auto	Journal	Rajmohan Nagarajan	Performance and emissions characteristics of water ingestion into inlet manifold in CI DI engine.	Indian journal of environmental protection	2020	https://ijep.co.in/uploads/journals/1597038450442.pdf	SDG13 – Nitrogen Oxide Emissions	No
209	Auto	Journal	C Dineshkumar	Health monitoring system for Automobile vehicles to enhance safety”	International journal of Vehicle structure and systems. Volume 10, Issue 6,	2019	https://www.researchgate.net/publication/331495980_Health_Monitoring_System_for_Automobile_Vehicles_to_Enhance_Safety	SDG 9	Yes

210	Auto	Journal	C Dineshkumar	Security and Privacy Preserving for Patient's E-Health Care Applications	Test Engineering and management system, Volume 82, Page No.1781-1786, 2020			SDG 9	Yes
211	Auto	Journal	C Dineshkumar	On board Driver Monitoring System with Safety Enhanced Brake System	International Journal of Engineering and Advanced Technology, ISSN: 2249 – 8958, Volume-8, Issue-6S3, September 2019.	2019	https://www.testmagzine.biz/index.php/testmagzine/issue/view/7	SDG 9	Yes
212	Auto	Journal	C Dineshkumar	Generation of Electrical Energy for Charging Of a Battery by Using Exhaust Gas Energy	International Journal of Innovative Technology and Exploring Engineering, ISSN: 2278-3075, Volume-8, Issue-10 August 2019.	2019	https://www.ijitee.org/wp-content/uploads/papers/v8i10/J93770881019.pdf	SDG 9	Yes
213	Auto	Journal	C Dineshkumar	Automatic Emergency Braking System using Hydraulic Actuator for Preventing Road Accidents	International Journal of Engineering and Advanced Technology, ISSN: 2249 – 8958, Volume-8 Issue-6, August, 2019.	2019	https://www.ijeat.org/wp-content/uploads/papers/v8i6/F8731088619.pdf	SDG 9	Yes

214	Auto	Journal	C.K. Arvinda Pandian	Dynamic and vibrational characterization of natural fabrics incorporated hybrid composites using industrial waste silica fumes”	International Journal of Polymer Analysis and Characterization, Vol. 24 (8), pp. 721–730, 2019, Publisher: Taylor & Francis – (SCI & Scopus),	2019	https://www.tandfonline.com/doi/abs/10.1080/1023666X.2019.1668141?journalCode=gpac20	SDG 9	Yes
215	Auto	Journal	C.K. Arvinda Pandian	Development and Investigation of Jute/Linen fibre Reinforced polymer composite”, SAE Technical Paper,	SAE Technical Paper, 2019-28-0171, 2019, Publisher: SAE International – (Scopus).	2019	https://www.sae.org/publications/technical-papers/content/2019-28-0171/	SDG 9	Yes
216	Auto	Journal	L Annagowsalya, P D Jeyakumar , R Rajaraman, R Velraj	Estimation and validation of interfacial heat transfer coefficient during solidification of spherical shaped Aluminium alloy (AL6061) casting using inverse control volume technique	Frontiers in Heat and Mass Transfer (FHMT)	2019	Journals Frontiers in Heat and Mass Transfer (FHMT) Thermal-Fluids Central (thermalfluidscentral.org)	SDG7	no

217	Auto	Journal	P Arjunraj, M Subramanian, Jeyakumar P D , Bharathiraja Moorthy	Thermal Durability Analysis of PA6-GF30 and PA66-GF30 Air Intake Manifold	Journal of Advanced Research in Dynamical and Control Systems	2019	Thermal Durability Analysis of PA6-GF30 and PA66-GF30 Air Intake Manifold (jardcs.org)	SDG7	No
218	Polymer	Journal	Revathi Purushothman , Hari Shankar Vaitinadin	Incorporation of COF-LZU-1 into the Terpolyimide Matrix to Obtain COF-LZU-1/Terpolyimide Composites With Ultra-Low Dielectric Constant	Polymer Engineering and Science	2019	https://onlinelibrary.wiley.com/doi/abs/10.1002/pen.25015	SDG 9	NO
219	Polymer	Journal	Revathi Purushothman , Hari Shankar Vaitinadin	Inclusion of covalent triazine framework into fluorinated polyimides to obtain composites with low dielectric constant	Applied Polymer Science	2020	https://onlinelibrary.wiley.com/doi/abs/10.1002/app.49083	SDG 9	NO
220	Polymer	Journal	D. Murali Manohar, B.C. Chakraborty and S. Shamshath Begum ,	Study of the effect of Graphite filler on the vulcanizing behavior and properties of nitrile rubber and NBR-PVC Blends	Journal of Polymer Materials	2020	https://doi.org/10.32381/JPM.2021.37.1-2.7	SDG 9	NO

221	Polymer	Journal	D. Murali Manohar , B.C. Chakraborty and S. Shamshath Begum	Hardness – Elastic Modulus Relationship for Nitrile Rubber and Polyvinyl Chloride Blends	Advances in Design and Thermal Systems, Lecture Notes in Mechanical Engineering – Springer Publications - Book Chapter	2020	https://doi.org/10.1007/978-981-33-6428-8_24	SDG 9	NO
222	Polymer	Journal	Sriram Srinivasan, Abbas Saifee Valsadwala, D.Karthik, D.Suganandam and S. Shamshath Begum	A Comparative Study on the Characteristics of Crumb Rubber with Commercial Rubbers	Advances in Design and Thermal Systems, Lecture Notes in Mechanical Engineering – Springer Publications - Book Chapter	2020	https://doi.org/10.1007/978-981-33-6428-8_15	SDG 9	NO
223	CA	Journal	S. Sabaria, A.K. Reshmy, P. Amudhavalli, A. Ramya,	Learning Based Facial Aesthetic Prediction Using Wrapper Feature Selection Approach	Int. J. of Advanced Science and Technology, Vol. 29, No. 9s, pp. 6790-6802	2020	http://sersc.org/journals/index.php/IJAST/article/view/20426	SDG 9	No
224	CA	Journal	A. Radhika, Dr. M.Syed Masood	Effective dimensionality reduction by using soft computing method in data mining techniques	Soft Computing , International Journal, Springer-Verlag Publisher, Germany, part of Springer Nature 2021, Scopus Indexed, ISSN No. 14327643, 14337479	2021	https://link.springer.com/article/10.1007/s00500-020-05474-7	SDG 9	No

225	CA	Journal	S.Srisakthi, A.P.Shanthi	Towards the Design of a Stronger AES: AES with Key Dependent Shift Rows (KDSR)	Wireless Personal Communications	2020	https://link.springer.com/content/pdf/10.1007/s11277-020-07514-9.pdf	SDG 9	No
226	CA	Journal	Dr. V. Shenbagapriya, Dr. V.J Sowmya, T. Pandiyavathi	Augumented Reality influences and challenges in diversified fields	Design Engineering. (Jun. 2021)ISSN: 0011-9342 Year 2021, (SCOPUS) Issue: 6 Pages: 1244 - 1251	2021	http://thedeengineering.com/index.php/DE/article/view/2100	SDG 9	No
227	CA	Journal	T. Pandiyavathi, Dr. B. Sivakumar	A Systematic Review on Continuous Improvement with DevOps	DE, pp. 2023 - 2032, Jun. 2021.	2021	http://thedeengineering.com/index.php/DE/article/view/2207	SDG 9	No
228	CA	Journal	T. Pandiyavathi, T.Manochandar	Restructuring with Moora and Measuring Code Smells	International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-8 Issue-12, October 2019	2019	https://www.ijitee.org/wp-content/uploads/papers/v8i12/L28461081219.pdf	SDG 9	No

229	CA	Journal	Akila Devi TR, K Javubar Sathick, A Abdul Azeez Khan, L Arun Raj	A Novel Framework Using Zero Shot Learning Technique for a Non-Factoid Question Answering System	International Journal of Web-Based Learning and Teaching Technologies (IJWLTT)	2021	https://www.igi-global.com/journal/international-journal-web-based-learning/1081	SDG 4	No
230	CA	Journal	Shaikh Abdul Waheed, P Khader, Abdul Azeez Khan, Javubar Sathick	Feature extraction from behavioral styles of children for prediction of severity of stuttering using historical stuttering data	International Journal of Speech Technology	2021	https://link.springer.com/article/10.1007/s10772-021-09868-2	SDG 3	No
231	CA	Journal	Dr. V. Shenbagapriya, Dr. V.J Sowmya, T. Pandiyavathi	A Preliminary Study On Developing an Indian Tourism Economy With Statistical Approach Using Emerging Technologies” Virtual 2nd International Conference on Recent Advances in Computing and Communication-28th May 2021	JOURNAL OF EDUCATION: RABINDRABHARATI UNIVERSITY ISSN : 0972-7175, Vol. : XXIII, No. :6(II), 2020–2021	2021	http://rbu.ac.in/home/page/103	SDG 12	No

232	CA	Journal	M.P., Rajakumar & Sonia, R. & Maheswari, B. & Karupiah	S.P.Tuberculosis detection in chest X-ray using Mayfly-algorithm optimized dual-deep-learning features.	Journal of X-Ray Science and Technology.2021 , 29. 1-14. 10.3233/XST-210976.	2021	https://content.iospress.com/articles/journal-of-x-ray-science-and-technology/xst210976	SDG 9	No
233	CA	Journal	Rajakumar, M.P., Ramya, J., Uma Maheswari, B., Sonia, R	Novel Scheme for Encryption and Decryption of 3D Point and Mesh Cloud Data in Cloud Computing,	Journal of Control Engineering and applied Informatics, Volume 23, Issue 1, 2021, Pages 93-102	2021	http://www.ceai.srait.ro/index.php?journal=ceai&page=article&op=view&path%5B%5D=7106	SDG 9	No
234	CA	Journal	V. Shenbaga Priya., D. Ramya Chitra,	" Kernel Based Remote Sensing Vegetation Classifier with Levy Optimized Subspace",	Wireless Personal Communication, 2019(SCI)	2019		SDG 9	No

235	CA	Journal	Md Oqail Ahmad and Rafiqul Zaman Khan	Cloud Computing Modeling and Simulation using CloudSim Environment	International Journal of Recent Technology and Engineering (IJRTE) ISSN: 2277-3878, Volume-8 Issue-2, pp. 5439-5445	2019	https://www.researchgate.net/publication/344265709_Pso-based-Task-Scheduling-Algorithm-Using-Adaptive-Load-Balancing-Approach-For-Cloud-Computing-Environment-	SDG 9	No
236	CA	Journal	Md Oqail Ahmad and Rafiqul Zaman Khan	Pso-Based Task Scheduling Algorithm Using Adaptive Load Balancing Approach For Cloud Computing Environment	International Journal of Scientific and Technology Research (IJSTR), ISSN 2277-8616, Vol. 8, Issue 11, pp. 457-462,	2019	http://www.ijstr.org/paper-references.php?ref=IJSTR-1119-24728	SDG 9	No

237	CA	Journal	Md Oqail Ahmad and Rafiqul Zaman Khan	Optimized Hyper Heuristic Scheduling using Adaptive Load Balancing Algorithm in Cloud Computing	Journal of Seybold Report, Vol. 15 No. 7, pp. 559-570, ISSN NO: 1533-9211	2020	https://jusst.org/wp-content/uploads/2020/10/Optimized-Hyper-Heuristic-Scheduling-using-Adaptive-Load-Balancing-Algorithm-in-Cloud-Computing.pdf	SDG 9	No
238	CA	Journal	Md Oqail Ahmad and Rafiqul Zaman Khan	An efficient load balancing scheduling strategy for cloud computing based on hybrid approach	International Journal of Cloud Computing, Vol. 9, Issue 4, 2020. InderScience Publication	2020	https://www.inderscienceonline.com/doi/abs/10.1504/IJC.C.2020.112317	SDG 9	No
239	CA	Journal	Shams Tabrez Siddiqui, Md Oqail Ahmad, Mohammad Shuaib, S Gulzar Ahmed Rizvi	Cloud Based Requirements Management Tools Should Be Selected on the Basis of Project Requirements	IJCSE, vol.8 , Issue.10 , pp.83-88. DOI: https://doi.org/10.26438/ijcse/v8i10.8388 .	2020	https://www.ijcseonline.org/pdf_paper_view.php?paper_id=5236&16-IJCSE-08361.pdf	SDG 9	Yes

240	CA	Journal	Wasiur Rhmann, Ansari, G.A	Ensemble Techniques-Based Software fault Prediction in an Open Source Projec	International Journal of Open Source Software and Process, Volume-11, Issue 2, pp. 33-48,			SDG9	No
241	CA	Journal	Wasiur Rhmann, Babita Pandey Ansari, G.A., and D.K. Pandey	Software fault prediction based on changes metrics using hybrid algorithms: An empirical study	Journal of King Saud University –Computer and Information Sciences, Elsevier, Volume 32, Issue 4, , pp. 419-424,			SDG9	No
242	CA	Journal	P.Padmavathy, S.Pakkir Mohideen	An Efficient Two-Pass Classifier System for Patient Opinion Mining to Analyze Drugs Satisfaction	Journal Of Biomedical Signal Processing And Control	2019	https://doi.org/10.1016/j.bspc.2019.101755	SDG 9	No
243	CA	Journal	P.Padmavathy, S.Pakkir Mohideen	An Improved Grey Wolf Optimization Algorithm for Enhancing Two-Pass Opinion Mining Classifier using Patient Reviews	International Journal of Psychosocial Rehabilitation	2020	https://www.psychosocial.com/article/PR280111/15916	SDG 9	No
244	CA	Journal	P.Padmavathy, S.Pakkir Mohideen , Zameer Gulzar,	PMI based polarity computation for SVM-NN based sentiment classification from user-generated reviews	International Journal of Intelligent Unmanned Systems	2021	https://doi.org/10.1108/IJIUS-09-2020-0043	SDG 9	No

245	CA	Journal	M. Mohamed Divan Masood, A. R. Arunarani, D. Manjula & Vijayan Sugumaran	An efficient algorithm for identifying (l, d) motif from huge DNA datasets	Journal of Ambient Intelligence and Humanized Computing (2021) 12:485–495 https://doi.org/10.1007/s12652-020-02013-y	2020	https://link.springer.com/article/10.1007%2Fs12652-020-02013-y#auth-Vijayan-Sugumaran	SDG 9	No
246	CA	Journal	A.Salman Ayaz,A.Jaya,Zameer Gulzar	Recommendation-Based MetaSearch Engine for Suggesting Relevant Documents Links	International Journal of Information and Communication Technology Education Copyright © 2020, IGI Global.	2020	https://doi.org/10.4018/IJICTE.2020100106	SDG9	No
247	CA	Journal	Dr. Dhanalakshmi, Dr. Raguraman, Dr. Sudha Rajesh	Automated Classification of Lung Cancer subtypes with J48 using Weka Tool	International Journal of Future Generation Communication and Networking	2021	Volume 14, No. 1, pp. 237–247, ISSN: 2233-7857. Feb 2021. (Web of Science). http://www.sersc.org/journals/index.php/IJFGCN .	SDG9	No

248	CA	Journal	Dr. Sudha Rajesh et.al	A Study On Online Spam Review Detection Methods by Machine Learning Approach	Turkish Journal of Computer and Mathematics Education	2021	Vol.12 No.9 (2021), pp: 1292-1304, April 2021. (Scopus Indexed)	SDG9	No
249	CA	Journal	Mr. Aruna, Dr. Sudha Rajesh	A Comparative Study on Face Mask Detection Using Artificial Neural Network Techniques	The International journal of analytical and experimental modal analysis	2021	Vol. 13, Issue 7, ISSN: 0886-9367, pp: 294-297, DOI:18.000 2.IJAEMA.2 021.V13I7. 200001.015 685901264 July 2021.	SDG9	No
250	CA	Journal	Dr. Sudha Rajesh, Dr. Amudhavalli, Ms. Dhanalakshmi	1. Prediction of Air Pollution Using Supervised Machine Learning	International Conference on Recent Trends in Artificial Intelligence 2021, Organized by Computer Science & Engineering Department, Kalady	2021	Accepted to Publish in Journal of Applied Information Science (In Press)	SDG9	No
251	CA	Journal	Ms. Abrana, Dr. Sudha Rajesh	2. Breast Cancer Detection By Using Supervised Learning Algorithm				SDG9	No
252	CA	Journal	Dr. Sudha Rajesh, Ms. Nishanithi	3. Short-Term Rainfall Using Logistic Regression Algorithm				SDG9	No
253	CA	Journal	Dr. Sudha Rajesh, Dr. Amudhavalli, Mr. Naseeruddin	4. Digital Crime Reporting System by Using PHP				SDG9	No

254	CA	Journal	Dr. Sudha Rajesh, Ms. Sharmila	5. Flight Delays Prediction Using Supervised Learning Algorithm				SDG9	No
255	CA	Journal	Dr. Sudha Rajesh et.al	An Application-Driven Modular Traffic Light Control System using Lean Supply Chain	Mobile Networks and Applications - SCI Springer Journal	2021	Completed first revision and communicated	SDG9	No
256	SLS	Journal	Mohd Hashim Khan, Sneha U, Karthikeyan Ramalingam	Bactericidal potential of silver-tolerant bacteria derived silver nanoparticles against Multi Drug Resistant ESKAPE pathogens	Biocatalysis and Agricultural Biotechnology	2019	https://www.sciencedirect.com/science/article/abs/pii/S1878818118309411	SDG 3 Good Health and well being,	No
257	SLS	Journal	Tahira .A, Vabeiryureilai M, N.Senthil Kumar, MubarakAli.D and S. Hemalatha	Fungal-mediated synthesis of pharmaceutically active silver nanoparticles and anticancer property against A549 cells through apoptosis	Environmental Science and Pollution Research	2019	https://pubmed.ncbi.nlm.nih.gov/30919178/	SDG 3 Good Health and well being, SDG 15 Life on Land	No
258	SLS	Journal	Saroj Kumar Sah Ubaid Rasool and S. Hemalatha	<i>Andrographis paniculata</i> extract inhibit growth, biofilm formation in multidrug resistant strains of Klebsiella pneumonia	Journal of Traditional and Complementary Medicine	2019	https://www.sciencedirect.com/science/article/pii/S2225411018308708	SDG 3 Good Health and well being, SDG 15 Life on Land	No

259	SLS	Journal	Tahira Akther and S. Hemalatha	Mycosilver Nanoparticles: Synthesis, characterization and screening the efficacy against plant pathogenic fungi,	Bionanoscience	2019	https://link.springer.com/article/10.1007/s12668-019-0607-y	SDG2- Zero hunger, SDG 3 Good Health and well being, SDG 15 Life on Land	No
260	SLS	Journal	Tahira Akther, Priya S, SarojkumarSah, MohdShahanbaj Khan, Hemalatha S	Ta-Ag Nps are potential antimicrobial resistance breakers	J Nano.str	2019	https://jns.kashanu.ac.ir/article_88820_8161c7354d5b7c860f4454a52150b498.pdf	SDG 3 Good Health and well being, SDG 15 Life on Land	No
261	SLS	Journal	Khan, M.S., Uandai, S.B. and S. Hemalatha	Anthraxnose disease diagnosis by image processing, support vector machine and correlation with pigments	J Plant Pathol	2019	https://link.springer.com/article/10.1007/s42161-019-00268-9	SDG2- Zero hunger	No
262	SLS	Journal	Saroj Kumar Sah, Ubaid Rasool, D Mubarak Ali and S. Hemalatha	Efficacy of Andrographis paniculata against AmpC producing multi drug resistant E. coli	Biocatalysis and Agricultural Biotechnology	2019	https://www.sciencedirect.com/science/article/abs/pii/S1878818119305006	SDG 3 Good Health and well being, SDG 15 Life on Land	No

263	SLS	Journal	MohdShahanbaj Khan, TahiraAkther, D Mubarak Ali and S.Hemalatha	An investigation of salicylic acid to alleviate the saline stress in rice crop	Biocatalysis and Agricultural Biotechnology	2019	https://www.sciencedirect.com/science/article/abs/pii/S1878818118308661?via%3Dihub	SDG2- Zero hunger	No
264	SLS	Journal	Ranjani. S, Tamanna.K, and S. Hemalatha	Triphala green nano colloids: Synthesis, characterization and screening biomarkers	Journal of Applied nano science	2019	https://link.springer.com/article/10.1007/s13204-019-01208-w	SDG 3 Good Health and well being, SDG 15 Life on Land	No
265	SLS	Journal	Shirin Lutfiya, S. Priya, Muhammed A.P. Manzoor and S. Hemalatha	Molecular docking and interactions between vascular endothelial growth factor (VEGF) receptors and phytochemicals: An in-silico study	Biocatalysis and Agricultural Biotechnology	2019	https://www.sciencedirect.com/science/article/abs/pii/S187881811930800X	SDG 3 Good Health and well being, SDG 15 Life on Land	No
266	SLS	Journal	Arpudaha Mary. S, S. Priya, Muhammed A.P. Manzoor, S. Hemalatha	Apoptotic-inducing factor 1 (AIF1) plays a critical role in cembranoid mediated apoptosis to control cancer: Molecular docking and dynamics study	Biocatalysis and Agricultural Biotechnology	2019	https://www.sciencedirect.com/science/article/abs/pii/S1878818119309107	SDG 3 Good Health and well being, SDG 15 Life on Land	No

267	SLS	Journal	Ranjani. S, Shariq Ahmed. M, Ruckmani, K, S. Hemalatha	Green nanocolloids control Multi drug resistant pathogenic bacteria	J.Cluster Sci	2019	https://link.springer.com/article/10.1007/s10876-019-01694-6	SDG 3 Good Health and well being, SDG 15 Life on Land	No
268	SLS	Journal	B. Preethi, Sarojkumar Sha , R. Jayaprakash , S. Kutti Rani1, and S. Hemalatha	Synthesis, characterization and biological studies on 4-bromo-2-((z)-[(furan-2-ylmethyl)imino]methyl}phenol praseodymium complex	Rasayan.J.Chem	2019	http://rasayanjournal.co.in/admin/php/upload/728_pdf.pdf	SDG 3 Good Health and well being, SDG 15 Life on Land	No
269	SLS	Journal	Shariq. A.M, Ranjani.S. Tahira. A. M.Waseem, J.Khan, M. Kashif and S. Hemalatha	Biogenic AgNps synthesized via endophytic bacteria and its biological applications	Environmental Science and Pollution Research	2019	https://pubmed.ncbi.nlm.nih.gov/31309423/	SDG 3 Good Health and well being, SDG 15 Life on Land	No
270	SLS	Journal	Shanmugasundaram, Kumar Sah Saroj, Rasool Ubaid, S. Mahasampath Gowri, D. Easwaramoorthy, S.Hemalatha	Novel curcumin analogs act as antagonists to control nosocomial infection causing Pseudomonas aeruginosa	Biocatalysis and Agricultural Biotechnology	2019	https://www.sciencedirect.com/science/article/abs/pii/S1878818119307248	SDG 3 Good Health and well being, SDG 15 Life on Land	No
271	SLS	Journal	B. Rohini, A.Tahira. M.Waseem, J.Khan, M. Kashif and S. Hemalatha	AgNPs from Nigella sativa control breast cancer: An In vitro study	Journal of Environmental Pathology, Toxicology and Oncology	2019	https://pubmed.ncbi.nlm.nih.gov/31679281/	SDG 3 Good Health and well being, SDG 15 Life on Land	No

272	SLS	Journal	Mohd Umar, Naheetha Fathima, M.S. Haji Sheik Mohammed, S. Hemalatha	Modified cement composites for protection against microbial induced concrete corrosion of marine structures	Biocatalysis and Agricultural Biotechnology	2019	https://www.sciencedirect.com/science/article/abs/pii/S187881811930427X?via%3Dihub	SDG 6 Clean Water & Sanitation	No
273	SLS	Journal	H.Venkatasubramanian, Sarojkumar Sha, S.Hemalatha, D.Easwaramoorthy	Synthesis, characterisation and antimicrobial activity of new nicotinamide-thiazole derivatives	Rasayan Journal of Chemistry	2019	http://rasayanjournal.co.in/admin/php/upload/798_pdf.pdf	SDG 3 Good Health and well being, SDG 15 Life on Land	No
274	SLS	Journal	Khan. M.S. Sakaram.S and S. Hemalatha	Detection of Biochemical and molecular changes in Oryza sativa L during drought stress.	Biocatalysis and Agricultural Biotechnology	2019	https://www.sciencedirect.com/science/article/abs/pii/S1878818119301677	SDG2- Zero hunger	No
275	SLS	Journal	Showkat Ahmad Lonea, Sathya Raghunathana, MubarakAli Davoodbasha, Hemalatha Srinivasana, Sang-Yul Leeb	An investigation on the sterilization of berry fruit using ozone: An option to preservation and long term storage	Biocatalysis and Agricultural Biotechnology	2019	https://doi.org/10.1016/j.bcab.2019.101212	SDG2	Yes

276	SLS	Journal	Sneha U, Karthikeyan Ramalingam	Bactericidal activity of ayurvedic formulation against cariogenic microorganisms	Biocatalysis and Agricultural Biotechnology	2019	https://www.sciencedirect.com/science/article/abs/pii/S1878818118306741?via%3Dihub	SDG 3 Good Health and well being, SDG 15 Life on Land	yes
277	SLS	Journal	MohdHashim Khan, Karthikeyan Ramalingam	Synthesis of antimicrobial nanoemulsions and its effectuality for the treatment of multi-drug resistant ESKAPE pathogens	Biocatalysis and Agricultural Biotechnology	2019	https://www.sciencedirect.com/science/article/abs/pii/S1878818118309411	SDG3: Good Health and Well Being	yes
278	SLS	Journal	Saravanan Sankaran, Karthikeyan Ramalingam	Microbiologically Induced Corrosion Behavior of Citrobacter Freundii, Isolated from Corroded Water Pipeline and its THPS Inhibition Analysis	Asian Journal of Microbiology, Biotechnology and Environmental Science	2019	http://www.envirobiotechjournals.com/article_abstract.php?aid=9944&iid=282&iid=1	SDG3: Good Health and Well Being	yes
279	SLS	Journal	Karthikeyan Ramalingam, Valerie A. Lee	Synergistic Effects of Nanoemulsion and Deferiprone (1, 2 Dimethyl-3-Hydroxypyrid- 4-One) on Multi-Drug Resistant Acinetobacter baumannii	Nano Biomedicine and Engineering	2019	http://www.nanobe.org/Data/View/607	SDG3: Good Health and Well Being	yes

280	SLS	Journal	Karthikeyan Ramalingam, Valerie A. Lee	Biotic and abiotic substrates in enhancing the Acinetobacter baumannii biofilm formation: New approach with extra cellular matrix and slanting glass cover-slips technique	The Journal of General and Applied Microbiology	2019	https://www.jstage.jst.go.jp/article/jgam/65/2/65_2018.05.004/article/-char/en	SDG3: Good Health and Well Being	Yes
281	SLS	Journal	Mohamed Adil, A.A, Lavanya V, K.Chitra, Shazia Jamal, Ashok Kumar Pandurangan and Neesar Ahmed	Increased Expression of TGF- β and INF γ in Peripheral Blood Mononuclear Cells (PBMCs) Cultured in Conditioned medium (CM) of K562 cell culture	Journal of Environmental Pathology, Toxicology and Oncology	2019	https://www.dl.begellhouse.com/journals/0ff459a57a4c08d0,2a1f3ff2521fee54,3973f29148deefa4.html	SDG3	NO
282	SLS	Journal	Aashique M, Roy A, Diamond A, Bera S	Subcellular compartmentalization of glutathione peroxidase 1 allelic isoforms differentially impact parameters of energy metabolism	Journal of Cellular Biochemistry	2019	https://pubmed.ncbi.nlm.nih.gov/30394058/	SDG 3 Good Health and well being	Yes
283	SLS	Journal	Mohamed Adil AA, Anil Kumar Bommanabonia, Anandraj Vaithy, Sateesh Kumar, Mohammad Waseem, Shazia Jamal, Neesar Ahmed	Differential expression of Helios, Neuropilin-1 and FoxP3 in head and neck squamous cell carcinoma (HNSCC) patients	3 Biotech	2019	https://link.springer.com/article/10.1007%2Fs13205-019-1707-7	SDG3	yes

284	SLS	Journal	M. Chandhru, R. Logesh, S. Kutti Rani,*, Neesar Ahmed, N. Vasimalai	One-pot green route synthesis of silver nanoparticles from jack fruit seeds and their antibacterial activities with escherichia coli and salmonella bacteria	Biocatalysis and Agricultural Biotechnology	2019	https://www.sciencedirect.com/science/article/pii/S1878818119307182	SDG 3 Good Health and well being, SDG 15 Life on Land	No
285	SLS	Journal	Saranya ShivashankarAswini Murali, M.K.Sangeetha,	Molecular interaction of phytochemicals with snake venom: Phytochemicals of Andrographispaniculata inhibits phospholipase A2 of Russell's viper (Daboiarusselli)	Biocatalysis and Agricultural Biotechnology	2019	https://doi.org/10.1016/j.bcab.2019.101058	SDG 3 Good Health and well being, SDG 15 Life on Land	No
286	SLS	Journal	Gulsaz Shamim; KewalKrishan Sharma; Ranganathan Ramani	Isolation and identification of culturable bacteria from honeydew of Indian lac insect, Kerrialacca (Kerr) (Hemiptera: Tachardiidae)	Meta Gene	2019	https://www.semanticscholar.org/paper/Isolation-and-identification-of-culturable-bacteria-Shamim-Sharma/ce515840cb67e6776488ba8689eb7807a56085bc	SDG15 Life on Land	No

287	SLS	Journal	Saravanakumar, K., Sabarathinam, S., NipunBabu, V., MubarakAli, D, Kathiresane, K and M-H. Wang.	Biosynthesis and characterization of copper oxide nanoparticles from indigenous fungi and its effect on photothermolysis of human lung carcinoma	Journal of Photochemistry and Photobiology B: Biology	2019	https://doi.org/10.1016/j.jphotobiol.2018.11.017	SDG 3 Good Health and well being, SDG 15 Life on Land	Yes
288	SLS	Journal	Saravanakumar, K., Ramachandran, C., MubarakAli, D, D-H, Oh, Kathiresan, K and M-H Wang	Unveiling the potentials of biocompatible silver nanoparticles on human lung carcinoma A549 cells and Helicobacter pylori	Scientific Reports	2019	https://doi.org/10.1038/s41598-019-42112-1	SDG7	Yes
289	SLS	Journal	MubarakAli, D	Microwave irradiation mediated synthesis of needle-shaped hydroxyapatite nanoparticles as a flocculant for Chlorella vulgaris	Biocatalysis and Agricultural Biotechnology	2019	https://doi.org/10.1016/j.bcab.2018.11.025	SDG2	No
290	SLS	Journal	Madeleine NinaMback., MubarakAli, D., FabriceFekamBoyom, Pierre MichelJazetDongmo, and N. Thajuddin	Anti-candidal biofilm potential of solvent extracts of Aeollanthuscucullathus(Ryding) and its physico-chemical analysis	Biocatalysis and Agricultural Biotechnology	2019	https://doi.org/10.1016/j.bcab.2019.01.012	SDG 2	No

291	SLS	Journal	MubarakAli D, Jihae Park, Taejun Han, Sang-Yul Lee and K.Jung-Wan	Solution plasma process: an option to degrade bisphenolA in liquid-phase to non-toxic products	Journal of Molecular Liquids	2019	https://www.semanticscholar.org/paper/Solution-plasma-process%3A-An-option-to-degrade-A-in-MubarakAli-Park/72d8c1c1875b040d8b9567ca02a7f227519b044f	SDG 3 Good Health and well being, SDG 15 Life on Land	Yes
292	SLS	Journal	Kannan, M., MubarakAli, D.,Ratheesh, T. and P. Balakrishnan	Insect gut as a bioresource for potential enzymes-an unexploited area for industrial Biotechnology	Biocatalysis and Agricultural Biotechnology	2019	https://doi.org/10.1016/j.bcab.2019.01.048	SDG2	No
293	SLS	Journal	MubarakAli, D*.,Manzoor, M.A.P., Sabarinathan, A., Anchana, C., DevasyaRekha, P., Thajuddin, N. and L. Sang-Yul	An investigation antibiofilm and cytotoxic property of MgO nanoparticles	Biocatalysis and Agricultural Biotechnology	2019	https://doi.org/10.1016/j.bcab.2019.101069	SDG2	Yes
294	SLS	Journal	MubarakAli, D*.,Sarvanakumar, K., Akbarsha, M.A., Sang-Yul Lee, and Jung-Wan Kim	Synthesis of Biocompatible Cellulose-Coated Nanoceria with pH-Dependent Antioxidant Property	ACS Applied Bio Materials	2019	https://doi.org/10.1021/acsabm.8b00647	SDG7	Yes

295	SLS	Journal	Kandasamy Saravanakumar, Xiaowen Hu, Davoodbasha Mubarak Ali, Myeong-Hyeon Wang	Emerging Strategies in Stimuli-Responsive Nanocarriers as the Drug Delivery System for Enhanced Cancer Therapy	Current Pharmaceutical Design	2019	https://pubmed.ncbi.nlm.nih.gov/31603055/	SDG 3 Good Health and well being, SDG 15 Life on Land	Yes
296	SLS	Journal	M. N. L. Ngo - Mback, E. B. Famewo, D. MubarakAli, P. Eke, N. Thajuddin, A. J. Afolayan, P. M. Jazet Dongmo, F. Fekam Boyom	An investigation of chemical composition and antimicrobial activity of essential oils extracted from Aeollanthus and Plectranthus species	Biocatalysis and Agricultural Biotechnology	2019	https://doi.org/10.1016/j.bcab.2019.101412	SDG2	Yes
297	SLS	Journal	Ubaid Rasool, Saroj Kumar Sah and S. Hemalatha	Effect of biosynthesized copper nanoparticles (CuNPs) on the growth and biofilm Formation of fluconazole-resistant candida albicans	Journal of Microbiology, Biotechnology & Food Sciences	2019	http://dx.doi.org/10.15414/jmbfs.2019.9.1.21-24	SDG 3 Good Health and well being, SDG 15 Life on Land	No

298	SLS	Journal	Jeya Shree T, Poompavai S, Mahaboob Begum SMF, Gowri Sree V, Hemalatha S, Sieni E and Sundararajan R	Cancer-Fighting Phytochemicals: Another Look	Journal of Nanomedicine & Biotherapeutic Discovery	2019	https://www.longdom.org/open-access/cancerfighting-phytochemicals-another-look-2155-983X-1000162.pdf	SDG 3 Good Health and well being, SDG 15 Life on Land	Yes
299	SLS	Journal	Rishabh Kaushik, Sheeza Khan, Meesha Sharma, S. Hemalatha, Zeba Mueed and Nitesh Kumar Poddar	Role of Cytochrome P450 in Prostrate Cancer and its Therapy	Current Enzyme Inhibition	2020	https://www.eurekaselect.com/179506/article	SDG 3 Good Health and well being, SDG 15 Life on Land	No
300	SLS	Journal	Divakar Samidurai, Ashok Kumar Pandurangan, Senthil Kumar Krishnamoorthi, Madan Kumar Perumal and Raaman Nanjian	Sinensetin isolated from Orthosiphon aristatus inhibits cell proliferation and induces apoptosis in hepatocellular carcinoma cells	Process Biochemistry	2020	https://www.sciencedirect.com/science/article/abs/pii/S1359511319304271	SG 3 Good Health and well being & SDG 15 Life on Land	No
301	SLS	Journal	Mohamed Adil, Shabnam Ameenudeen, Ashok Kumar, S Hemalatha, Neesar Ahmed, Nemat Ali, Abdullah F AlAsmari, Mohammad Aashique, Mohammad Waseem.	Emerging Role of Mitophagy in Inflammatory Diseases: Cellular and Molecular Episodes	Current Pharmaceutical Design	2020	https://pubmed.ncbi.nlm.nih.gov/31914907/	SDG 3 Good Health and well being	Yes

302	SLS	Journal	Tasneem Ismail Khan, S. Hemalatha and Mohammad Waseem	Promising Role of Nano-Encapsulated Drugs for Spinal Cord Injury.	Molecular Neurobiology	2020	https://link.springer.com/article/10.1007/s12035-019-01862-9#:~:text=Nano%2Dencapsulated%20drug%20delivery%20on,of%20motor%20or%20other%20deficits.	SDG 3 Good Health and well being, SDG 15 Life on Land	No
303	SLS	Journal	Sheeza Khan, Rishabh Kaushik, Meesha Sharma, Neha Raina, Faizan Ahmad, Asimul Islam	Molecular basis of pathogenic parasitic infections: insights from parasite kinome	Frontiers in Bioscience, Landmark	2020	https://www.fbscience.com/Landmark/articles/10.2741/4865	SDG 3 Good Health and well being, SDG 15 Life on Land	No
304	SLS	Journal	Biswajita Pradhan, Somanath Baral, Srimanta Patra, Chhandashree Behera, Rabindra Nayak, Davoodbasha MubarakAli, Mrutyunjay Jena	Delineation of gamma irradiation (60Co) induced oxidative stress by decrypting antioxidants and biochemical responses of microalga, Chlorella sp.	Biocatalysis and Agricultural Biotechnology	2020	https://doi.org/10.1016/j.bcab.2020.101595 ISSN: 1878-8181	SDG2	No

305	SLS	Journal	Lakshya M, Ignacio G. C, Gowri Sree V, Hemalatha S, Uma K.A Raji S.	High-throughput, Label-Free Quantitative Proteomic Studies of the Anticancer effects of Electrical Pulses with Turmeric Silver Nanoparticles: an in vitro Model Study	Sci Rep	2020	https://www.nature.com/articles/s41598-020-64128-8	SDG 3 Good Health and well being, SDG 15 Life on Land	Yes
306	SLS	Journal	Sudarkodi Sukumar, Arunika Krishnan, Md. Khurshid Alam Khan	Protein kinases as antituberculosis targets: The case of thymidylate kinases	Frontiers in Bioscience, Landmark	2020	https://pubmed.ncbi.nlm.nih.gov/32114448/	SDG 3 Good Health and well being, SDG 15 Life on Land	No
307	SLS	Journal	Venkatasubramanian H, Sarojkumar Sha, Hemalatha S, Easwaramoorthy D	Synthesis, characterization of new nicotinamide-oxazole analogs and their Antimicrobial activity	International journal of Research in Pharmaceutical sciences	2020	https://pharmascope.org/index.php/ijrps/article/view/2292/4494	SDG 3 Good Health and well being, SDG 15 Life on Land	No
308	SLS	Journal	UmaPriya, M., B. Sriram, Panneerselvam T, Sankar Ganesh D, MubarakAli, D., Parasuraman, Palanisamy, P., Adhvitha P., Sankarganesh A.	Utilization of plant-derived Myricetin molecule coupled with ultrasound for the synthesis of gold nanoparticles against breast cancer	Naunyn-Schmiedeberg's Archives of Pharmacology	2020	https://www.meta.org/papers/utilization-of-plant-derived-myricetin-molecule/32468137	SDG 3 Good Health and well being, SDG 15 Life on Land	No

309	SLS	Journal	Ranjani S, Shariq Ahmed M, Mohd Adnan, Senthil Kumar N, Ruckmani K & Hemalatha S	Synthesis, characterization and applications of endophytic fungal nanoparticles	Inorganic and Nano-Metal Chemistry	2020	https://www.tandfonline.com/doi/abs/10.1080/24701556.2020.1784231?journalCode=lsrt21	SDG 3 Good Health and well being, SDG 15 Life on Land	No
310	SLS	Journal	Moheballi N, Anandasadagopan S, Mustafa MR, Alagumuthu T, Pandurangan AK	Vernodalin induces Apoptosis through the activation of ROS/JNK pathway in human Colon cancer cells	Journal of Biochemical and Molecular Toxicology	2020	https://onlinelibrary.wiley.com/doi/full/10.1002/jbt.22587	SDG 3 Good Health and well being, SDG 15 Life on Land	Yes
311	SLS	Journal	Tahira. A. M.S. Khan and S. Hemalatha	Biosynthesis of silver nanoparticles via fungal cell filtrate and their anti-quorum sensing against Pseudomonas aeruginosa.	Journal of Environmental Chemical Engineering	2020	https://www.sciencedirect.com/science/article/abs/pii/S2213343720307144	SDG 3 Good Health and well being, SDG 15 Life on Land	No
312	SLS	Journal	Ranjani. S, Shariq Ahmed. M, MubarakAli. D, Ramachandran. C, Senthil Kumar, N and S. Hemalatha	Toxicity assessment of silver nanoparticles synthesized using endophytic fungi against nosocomial infection.	Inorganic and Nano-Metal Chemistry	2020	https://www.tandfonline.com/doi/abs/10.1080/24701556.2020.1814332?journalCode=lsrt21	SDG 3 Good Health and well being, SDG 15 Life on Land	No

313	SLS	Journal	Ranjani. S, Faridha Begum. I, Tasneem I.K, Senthil Kumar. N and Hemalatha. S	Silver decorated green nanocolloids as potent antibacterial and antibiofilm agent against antibiotic resistant organisms isolated from tannery effluent.	Inorganic and Nano-Metal Chemistry	2020	https://www.tandfonline.com/doi/abs/10.1080/24701556.2020.1811326?journalCode=lsrt21	SDG 3 Good Health and well being, SDG-14- Life below water, SDG 15 Life on Land	No
314	SLS	Journal	Mohd Hashim Khan, Sneha U, Karthikeyan Ramalingam	Bactericidal potential of silver-tolerant bacteria derived silver nanoparticles against Multi Drug Resistant ESKAPE pathogens	Biocatalysis and Agricultural Biotechnology	2019	https://www.sciencedirect.com/science/article/abs/pii/S1878818118309411#:~:text=The%20micro%2Ddilution%20method%20was,respectively%2C%20against%20all%20test%20pathogens.	SDG 3 Good Health and well being, SDG 15 Life on Land	No
315	SLS	Journal	Ranjani.S, Buhaisath. K. T and S. Hemalatha	TANp – A potent antibiotic resistant breaker	Chettinad Healthcity Medical Journal	2020	https://www.chcmj.ac.in/pdf/vol9no1/TANp.pdf	SDG 3 Good Health and well being, SDG 15 Life on Land	No

316	SLS	Journal	Sundaravenkatesh, Kannan., Jeganathan, K., Paulraj, Ganeshbabu, D. MubarakAli.	Synthesis and characterization of BiVO ₄ nanoparticles for environmental applications	RSC Advances	2020	https://doi.org/10.1039/D0RA01065K	SDG7	No
317	SLS	Journal	Deepika, P., MubarakAli, D	Production and assessment of microalgal liquid fertilizer for the enhanced growth of four crop plants	Biocat. Agri. Biotechnol	2020	https://doi.org/10.1016/j.bcab.2020.101701	SDG2	No
318	SLS	Journal	Gopinath, V., MubarakAli, D., Jamuna V., Manjunath K., Asad S., Abdullah M. E.	Synthesis of biocompatible chitosan decorated silver nanoparticles biocomposites for enhanced antimicrobial and anticancer property	Process Biochemistry	2020	https://doi.org/10.1016/j.procbio.2020.09.011	SDG7	Yes
319	SLS	Journal	Ranjani S, Salman Al Farzi M, Shruthy Priya P, Mohammad Waseem, Ruckmani K, Hemalatha S	Multi potent Aromatic nano colloid: Synthesis, characterization and applications	AMB Express	2020	https://amb-express.springeropen.com/articles/10.1186/s13568-020-01104-5	SDG 2 - Zero hunger, SDG 3 Good Health and well being, SDG 15 Life on Land	No
320	SLS	Journal	L. Mittal, Ranjani. S, Shariq Ahmed. M, Jeya Shree T, Tahira A, Poompavai S, IG Camarillo, GowriSree V, Raji S and S. Hemalatha	Turmeric-Silver-Nanoparticles for Effective Treatment of Breast Cancer and to break CTX-M-15 mediated Antibiotic Resistance in Escherichia coli	Inorganic and Nano-Metal Chemistry	2020	https://www.tandfonline.com/doi/abs/10.1080/24701556.2020.1812644	SDG 3 Good Health and well being, SDG 15 Life on Land	Yes

321	SLS	Journal	Sana Qausain, Faez Iqbal Khan, Dakun Lai, Md. Imtaiyaz Hassan, Mohd Basheeruddin, Neesar Ahmed, Md. Khurshid Alam Khan.	Mechanistic insights into the urea-induced denaturation of a non-seleno thiol specific antioxidant human peroxiredoxin	International Journal of Biological Macromolecules	2020	https://pubmed.ncbi.nlm.nih.gov/32485253/	SDG 3 Good Health and well being	Yes
322	SLS	Journal	Ushma Jaykamal Shah, Mohammad Nasiruddin, Sajad Ahmad Dar, Md Khurshid Alam Khan, Mohammad Riyaz Akhter, Nidhi Singh, Ali A. Rabaan, Shafiu Haque	Emerging biomarkers and clinical significance of HPV genotyping in prevention and management of cervical cancer	Microbial Pathogenesis	2020	https://pubmed.ncbi.nlm.nih.gov/32169490/	SDG 3 Good Health and well being, SDG 15 Life on Land	No
323	SLS	Journal	Mashihur Rahman & Md. Khurshid Alam Khan	Insilico-based unraveling of New Delhi metallo- β -lactamase (NDM-1) inhibitors from natural compounds: a molecular docking and molecular dynamics simulation study	Journal of Biomolecular Structure and Dynamics	2020	https://pubmed.ncbi.nlm.nih.gov/31184285/	SDG 3 Good Health and well being, SDG 15 Life on Land	No
324	SLS	Journal	V Srinivasan, T Khamrang, C Ponraj, D Saravanan, Rekha Y, Soumen Bera, M Asha Jhonsi	Pyrene based Schiff Bases: Synthesis, Crystal Structure, Antibacterial and BSA binding studies	Journal of Molecular Structure	2020	https://ui.adsabs.harvard.edu/abs/2021JMoSt122529153S/abstract	SDG 3 Good Health and well being, SDG 15 Life on Land	No

325	SLS	Journal	S. Ranjani, Shruthy priya.P, Maroudam veerasami. M, Nachimuthu Senthil Kumar, Ruckmani, K. and S. Hemalatha	Cympobogan citratus nanocolloids- in the treatment of Bovine Mastitis	International Journal of Advance Study and Research Work	2020	https://www.ijasrw.com/pdf/ICROIR T20/IJConf A94.pdf	SDG 2 - Zero hunger, SDG 3 Good Health and well being, SDG 15 Life on Land	No
326	SLS	Journal	S.M.Fazeela Mahaboob Begum & S.Hemalatha	Zebrafish an Emerging Biomedical Tool in Translational Research	International Journal of Advance Study and Research Work	2020	https://www.ijasrw.com/pdf/ICROIR T20/IJConf A93.pdf	SDG 3 Good Health and well being, SDG-14- Life below water, SDG 15 Life on Land	No
327	SLS	Journal	Rubeena Khaliq, Pervaiz Iqbal, Sanaullah Kuchay, Ashok Kumar Pandurangan	Strong association and efect of lifestyle and clinicopathological risk factors in colorectal cancer during treatment process: a study based on Kashmiri population	Toxicology and Environmental Health Sciences	2020	https://link.springer.com/article/10.1007/s13530-020-00071-5	SG 3 Good Health and well being & SDG 15 Life on Land	No
328	SLS	Journal	Karthikeyan Ramalingam	Evaluation of the pharmacological properties of piscine venoms from both Lionfish (Pterois) and Stonefish (Synanceja)	Current Enzyme Inhibition	2020	https://www.eurekaselect.com/189772/article	SDG 3 Good Health and well being, SDG 15 Life on Land	No

329	SLS	Journal	Subhamoy Banerjee, Jaison Jeevanandam and Rajkumar Paul	Challenges and Opportunities to develop Diagnostics and Therapeutic Interventions for Severe Acute Respiratory Syndrome- Corona Virus 2 (SARS-CoV-2)	Journal of Biomedical Research & Environmental Sciences	2020	https://www.jelsciences.com/article/s/jbres1147.php	SDG3- Good health and well being	Yes
330	SLS	Journal	Ranjani S., Faridha Begum I., Santhoshini J. , Senthil Kumar N. , Ruckmani K. & Hemalatha S	Mimosa pudica floral nanoparticles: a potent antibiotic resistance breaker	Inorganic and Nano-Metal Chemistry	2020	https://www.tandfonline.com/doi/abs/10.1080/24701556.2020.1852429?journalCode=lsrt21	SDG 2 - Zero hunger, SDG 3 Good Health and well being, SDG-14- Life below water, SDG 15 Life on Land	No
331	SLS	Journal	Ranjani S, Rumelee Das, Shariq Ahmed M, Esther Lalnunmawii, Senthilkumar Nachimuthu, Ruckmani K & Hemalatha S	Myco-nanocolloids manipulate growth, biofilm formation and virulence genes in UTI causing E.coli.	Inorganic and Nano-Metal Chemistry	2020	https://www.tandfonline.com/doi/abs/10.1080/24701556.2020.1852426?journalCode=lsrt21	SDG 3 Good Health and well being & SDG 15 Life on Land	No

332	SLS	Journal	Vahid Alimardani, Samira Sadat Abolmaali, Ali Mohammad Tamaddon & Mohammad Ashfaq	Recent advances on microneedle arrays-mediated technology in cancer diagnosis and therapy	<i>Drug Delivery and Translational Research</i>	2020	https://pubmed.ncbi.nlm.nih.gov/32740799/	SDG 3 Good Health and well being, SDG 15 Life on Land	Yes
333	SLS	Journal	Sabiha Sulthana H. B, Ranjani S & Hemalatha S	<i>Comparison of efficacy of nanoparticles synthesized from leaves and flowers of Russelia equisitiformis</i>	Inorganic and Nano-Metal Chemistry	2020	https://www.tandfonline.com/doi/abs/10.1080/24701556.2020.1862218?journalCode=lsrt21	SDG 3 Good Health and well being & SDG 15 Life on Land	No
334	SLS	Journal	Sai Nivetha S, Ranjani S & Hemalatha S	<i>Synthesis and application of silver nanoparticles using Cissus quadrangularis</i>	Inorganic and Nano-Metal Chemistry	2020	https://www.tandfonline.com/doi/abs/10.1080/24701556.2020.1862219?journalCode=lsrt21	SDG 3 Good Health and well being & SDG 15 Life on Land	No
335	SLS	Journal	Shabnam Ameenudeen, Sneha Unnikrishnan and Karthikeyan Ramalingam	Statistical Optimization for the Efficacious Degradation of Reactive Azo Dyes using Acinetobacter baumannii	<i>Journal of Environmental Management</i>	2020	https://www.sciencedirect.com/science/article/pii/S030479720314377#!	SDG6: Clean Water and Sanitation	No

336	SLS	Journal	Mariam Adhila H, Shariq Ahmed M, Ranjani S, Senthil Kumar Nachimuthu, Hemalatha S	Marine endophytic fungi mediated silver nanoparticles and their application in plant growth promotion in <i>Vigna radiata</i>	<i>International Journal of Nano Dimension</i>	2020	http://www.ijnd.ir/article_676381.html	SDG 2 - Zero hunger	No
337	SLS	Journal	Saravanakumar, K., Sriram B., Sathiyaseelan A., Xiaowen H., Mariadoss A, D. MubarakAli, M-H Wang	Molecular identification, volatile metabolites profiling, and bioactivities of indigenous endophytic fungus, <i>Diaporthe</i> sp	<i>Process Biochemistry</i>	2020	http://doi.org/10.1016/j.procbio.2020.12.002	SDG7	Yes
338	SLS	Journal	Sneha Unnikrishnan, Priyadarshini S and Karthikeyan Ramalingam	Mycofiltration Based Optimized Decolorization of Azo Dyes	<i>Research Journal of Chemistry and Environment</i>	2020	http://www.aelsindia.com/current.htm	SG 3 Good Health and well being & SDG6: Clean Water and Sanitation	No
339	SLS	Journal	Moheballi N, Pandurangan AK, Mustafa MR, Anandasadagopan SK, Alagumuthu T.	Vernodalin induces apoptosis through the activation of ROS/JNK pathway in human colon cancer cells.	<i>Journal of Biochemical and Molecular Toxicology</i>	2020	https://onlinelibrary.wiley.com/doi/abs/10.1002/jbt.22587	SG 3 Good Health and well being & SDG 15 Life on Land	Yes
340	Maths	Journal	M.V.Jeyanthi P.S.Sheik Uduman and Dowlath Fathima	Solution of Fractional Inventory Model with Price Dependent Demand using Homotopy Perturbation Method	<i>International Journal of Advanced science and Technology</i>	2020		SDG12	No

341	Maths	Journal	Virender Singh Panwar, P S Sheik Uduman and J F Gómez-Aguilar	Mathematical modeling of coronavirus disease COVID-19 dynamics using CF and ABC non-singular fractional derivatives	Chaos Solitons Fractals	2020		SDG3	
342	Maths	Journal	A.Mohammed Abid and T R Ramesh Rao	Dominating coloring of Mycielskian graphs	Australian Journal of Combinatorics	2019		SDG4	No
343	Maths	Journal	A.Mohammed Abid and T R Ramesh Rao	Dominator coloring changing and stable graphs upon vertex removal	Journal of combinatorial mathematics and combinatorial computing	2020		SDG4	No
344	EIE	Journal	D Najumnissa Jamal,	Design for Automatic Epilepsy Seizure Detection using EEG Signals	Engineering, Technology & Applied Science Research,	2020	http://www.etasr.com/index.php/ETASR/article/download/3419/2270/	SDG3	No
345	EIE	Journal	D Najumnissa Jamal,	Optimized Dual Path Analysis Using Finite Automata Theory in Wireless Sensor Networks	International Journal of Intelligent Unmanned Systems	2020	https://www.ijrte.org/wp-content/uploads/papers/v8i3/C3934098319.pdf	SDG9	No
346	EIE	Journal	D Najumnissa Jamal,	Design of angle measuring device for Synovial Joint Applications	GEDRAG & ORGANISATIE Review	2020	http://leemaa-tijdschriften.com/gallery/goj-1772.pdf	SDG3	No

347	EIE	Journal	D Najumnissa Jamal,	Intelligent Plant Disease Identification System Using Machine Learning, Engineering Proceedings, MDPI	MDPI Journal	2020	https://www.mdpi.com/2673-4591/2/1/49	SDG17	No
348	EIE	Journal	Anitha, G	Identification and characterization of Choroidal Neovascularization using eHealth data through an optimal classifier	Electronic Government, an International Journal	2020	https://www.inderscienceonline.com/doi/abs/10.1504/EG.2020.105254	SDG8,SDG9	No
349	EIE	Journal	Najumnissa.D	Design of angle measuring device for Synovial Joint Applications	GEDRAG & ORGANISATIE Review	2020	DOI:10.37896/GOR33.02/212	SDG9,SDG17	No
350	EIE	Journal	H.Kareemullah	Ultra low power robust 12T SRAM Architecture based on Parallel Cross Coupling Feedback	Journal of Critical reviews	2020	http://www.jcreview.com/fulltext/197-1594818834.pdf	SDG-7	No
351	EIE	Journal	P. R. Hemavathy	Internal model controller based PID with fractional filter design for a nonlinear process	International Journal of Computer and Electrical Engineering	2020	10.11591/ijece.v10i1.p.p.243-254	SDG9	No
352	EIE	Journal	Murshitha Shajahan M.S.	Design of angle measuring device for Synovial Joint Applications	GEDRAG & ORGANISATIE Review	2020	DOI:10.37896/GOR33.02/212	SDG3,	No
353	EIE	Journal	H.Kareemullah,	Ultra low power robust 12T SRAM Architecture based on Parallel Cross Coupling Feedback	Journal of Critical reviews	2020	http://www.jcreview.com/fulltext/197-1594818834.pdf	SDG-7	No

354	EIE	Journal	P. R. Hemavathy	Design of Smith Predictor Based Fractional Controller for Higher Order Time Delay Process	Computer modeling in engineering sciences	2019	10.32604/cmes.2019.04731	SDG 9	No
355	EIE	Journal	Susai Mary J,	Monitoring of drill runout using Least Square Support Vector Machine classifier	Measurement Journal of the International Measurement Confederation	2019	https://doi.org/10.1016/j.measurement.2019.05.102	SDG9, SDG17	No
356	EIE	Journal	J. Susai Mary	Prediction and Geometric Adaptive Control of Surface Roughness in Drilling Process	FME Transactions	2019	doi: 10.5937/fmet1903424S	SDG9, SDG17	No
357	EIE	Journal	Murshitha Shajahan M.S,	Controller design using quantitative feedback theory for thermal power plant process	Case Studies in Thermal Engineering, Elsevier Publications	2019	https://doi.org/10.1016/j.csite.2019.100441	SDG12,SDG17	No
358	EIE	Journal	D Najumnissa Jamal,	Optimized Routing Protocols for Data Monitoring in Wireless Sensor Network	International Journal of Recent Technology and Engineering	2019	https://www.ijrte.org/wp-content/uploads/papers/v8i3/C3934098319.pdf	SDG9	No

359	EIE	Journal	D Najumnissa Jamal,	A Low Power and High Performance Hardware Design for Automatic Epilepsy Seizure Detection	INTL Journal Of Electronics and Telecommunications,	2019	http://yadda.icm.edu.pl/yadda/element/bwmeta1.element.aztech-419c22b5-44fa-4813-9379-6629b2eb8f9d/c/S.S.Rafiammal_94.pdf	SDG3	Yes
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360	EIE	Journal	D Najumnissa Jamal,	Comparative analysis of energy based optimized dynamic source multipath routing protocol in WSNs	Indonesian Journal of Electrical Engineering and Computer Science	2019	https://www.researchgate.net/publication/339811088_Comparative_analysis_of_energy_based_optimized_dynamic_source_multipath_routing_protocol_in_WSNs/fulltext/5e66f604299bf1744f6edf48/Comparative-analysis-of-energy-based-optimized-dynamic-source-multipath-routing-protocol-in-WSNs.pdf	SDG9	No
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361	EIE	Journal	D Najumnissa Jamal,	Multiloop FOPID Controller Design for TITO Process Using Evolutionary Algorithm	International Journal of Energy Optimization and Engineering	2019	https://www.researchgate.net/profile/Sk_Lakshmanaprabu/publication/332778586_Multiloop_FOPID_Controller_Design_for_TITO_Process_Using_Evolutionary_Algorithm/links/5cc8fdb04585156cd7bdcff4/Multiloop-FOPID-Controller-Design-for-TITO-Process-Using-Evolutionary-Algorithm.pdf	SDG9	No
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362	EIE	Journal	D Najumnissa Jamal,	Controller design using quantitative feedback theory for thermal power plant process	Case Studies in Thermal Engineering, Elsevier Publications	2019	https://www.researchgate.net/publication/332237640_Controller_Design_using_Quantitative_Feedback_Theory_for_Thermal_Power_Plant_Processes	SDG12,SD G17	No
363	Aero	Conference	Mr.Sri Nithya Mahottamananda& P.N.Kadiresh	Mechanical Characteristics of Paraffin Wax-HTPB Based Hybrid Rocket Fuel	2nd international Conference of Aerospace & Mechanical Engineering, School of Aerospace Engineering, University Sains Malaysia/Lecture Notes in Mechanical Engineering. Springer	Jun 2020	https://link.springer.com/chapter/10.1007/978-981-15-4756-0_9	SDG: 9	NO

364	Aero	Conference	Mr.Sri Nithya Mahottamananda& P.N.Kadiresh	Effect of Number of Inlet Tangential Ports and Their Angle on Spray Characteristics of Plug Type Swirl Injector	4th International Conference On Innovative Design, Analysis & Development Practices In Aerospace And Automotive Engineering (IDAD-2020) / Lecture Notes in Mechanical Engineering. Springer	Feb 2020	https://link.springer.com/chapter/10.1007/978-981-15-6619-6_15	SDG: 9	NO
365	Mech	Conference	A. Muthu Manokar	Experimental study on effect of different mass flow rate in an inclined solar panel absorber solar still integrated with spiral tube water heater	13th Gulf Water Conference organised by Water Sciences & Technology Association held at Kuwait	2019	https://www.deswater.com/DWT_abstracts/vol_176/176_2020_285.pdf	SDG-7	No
366	Mech	Conference	A. Muthu Manokar*, M.Vimala, D. Prince Winston, Rajendran D.R, Ravishankar Sathyamurthy, A.E. Kabeel	Energy exergy and economic analysis of a conventional solar still and peltier modul integrated conventional solar still - A comparative study	5 th International conference on scientific research ISR-2019 renewable energy & water sustainability, at Sharm El-Sheikh, organised by Tanta University Egypt	2019		SDG-7	Yes

367	Mech	Conference	M.Vimala, Mohamed Thalib M, A. Muthu Manokar*, Ravishankar Sathyamurthy, A.E. Kabeel, D. Prince Winston	Experimental Investigation of Passive and Active Inclined Solar Still: Energy and Exergy Study	5 th International conference on scientific research ISR-2019 renewable energy & water sustainability, at Sharm El-Sheikh, organised by Tanta University Egypt	2019	DOI:10.21203/rs.3.rs-451870/v1	SDG-7	Yes
368	Mech	Conference	A. Muthu Manokar*, A.E. Kabeel, Ravishankar Sathyamurthy, Abderrahmane, D. Prince Winston	Energy exergy of an inclined solar panel basin solar still - Summer and winter climate conditions..	5 th International conference on scientific research ISR-2019 renewable energy & water sustainability, at Sharm El-Sheikh, organised by Tanta University Egypt	2019		SDG-7	Yes
369	Mech	Conference	Rajendran D.R, A. Muthu Manokar, A.E. Kabeel, S.A. El-Agouz, Ravishankar Sathyamurthy*,	Comparitive study of Conventional Solar Still with and without Cement coated Red brick	5 th International conference on scientific research ISR-2019 renewable energy & water sustainability, at Sharm El-Sheikh, organised by Tanta University Egypt	2019		SDG-7	Yes

370	Mech	Conference	D.R.Rajendran*, E. Ganapathy Sundaram, P. Jawahar, A.E.Kabeel, A. Muthumanokar , Ravishankar Sathyamurthy, V. Sivakumar,	CFD studies on multi cavity solar receiver with two heat transfer fluids	5 th International conference on scientific research ISR-2019 renewable energy & water sustainability, at Sharm El-Sheikh, organised by Tanta University Egypt	2019		SDG-7	Yes
371	Mech	Conference	B. Gurukarthik Babu*, D. Prince Winston, J.Vinod, A.E. Kabeel, A. Muthu Manokar, Ravishankar Sathyamurthy	Experimental analysis on the performance of passive solar still by using thermally insulating nano-blended unsaturated polyester composite	5 th International conference on scientific research ISR-2019 renewable energy & water sustainability, at Sharm El-Sheikh, organised by Tanta University Egypt	2019		SDG-7	Yes
372	Mech	Conference	Gurukarthik Babu*, D. Prince Winston, P.V. Aravind Bhaskar, A.E. Kabeel, A. Muthu Manokar, Ravishankar Sathyamurthy	Enhancement of a PV/T integrated single slope solar still productivity by using water film over glass cover and hybrid natural fibre composite insulation	5 th International conference on scientific research ISR-2019 renewable energy & water sustainability, at Sharm El-Sheikh, organised by Tanta University Egypt	2019		SDG-7	Yes

373	Mech	Conference	Abderrahmane Khechekhouche, Rajendran D.R, A. Muthu Manokar, Kritika Gupta	Application of Solar energy on excess in agriculture production,	International Conference in Advances in Mechanical Engineering (2019).	2019		SDG-7	Yes
374	Mech	Conference	Rajendran D.R*, E. Ganapathy Sundaram, P. Jawahar, A. Muthu Manokar	Studies on Influencing parameters in the design optimization of solar dish reflector cavity receiver collector system,	International Conference in Advances in Mechanical Engineering (2019).	2019		SDG-7	No
375	Mech	Conference	V Muthu, A Muthu manokar, R Sathyamurthy , A E Kabeel, Prince D Winston	Experimental investigation of passive and active inclined solar still: Energy and Exergy study	International Conference on Renewable Energy and Water Sustainability, 26-29 March 2019	2019	DOI:10.21203/rs.3.rs-451870/v1	SDG-7	Yes
376	Mech	Conference	Mohamed Thalib M, M.Vimala, A. Muthu Manokar*, Ravishankar Sathyamurthy, A.E. Kabeel, D. Prince Winston	Energy and Exergy analysis of a inclined solar panel absorber solar still integrated with spiral tube solar water heater- Experimental study	11th International Exergy, Energy and Environment Symposium (IEEES-11), Department of Automobile Engineering, School of Mechanical Engineering, SRM Institute of Science And Technology	2019			Yes

377	Mech	Conference	A. Muthu Manokar*, A.E. Kabeel, Ravishankar Sathyamurthy, D. Prince Winston,	Energy and Exergy analysis of a solar still with photo voltaic modules-AC heater	22nd International water technology conference, International Water Technology Association, Ismailia, Egypt	2019	http://iwtc2019.website2.me/iwtc-2019	SDG-7	Yes
378	Mech	Conference	F.A. Essa*, A. MuthuManokar, Z.M. Omara, A.E. Kabeel	Modified stepped solar still with enhanced evaporation technique, .	22nd International water technology conference, International Water Technology Association, Ismailia, Egypt	2019	http://iwtc2019.website2.me/iwtc-2019	SDG-7	Yes
379	Mech	Conference	B. Gurukarthik Babu*, D. Prince Winston, R.Vignesh, A.Mohamed Nasrulla, A.E. Kabeel, Ravishankar Sathyamurthy, A. Muthu Manokar	Modeling of V type slope with ansys and CFD simulation, .	22nd International water technology conference, International Water Technology Association, Ismailia, Egypt	2019	http://iwtc2019.website2.me/iwtc-2019	SDG-7	Yes

380	Mech	Conference	V.Sivakumar, R.Arun Kumar*, E.Ganapathy Sundaram, D.Rajendran, A.Kabeel, A.Muthu manokar, R.Sathyamurthy	Performance enhancement of single slope solar still with heat pipes, .	22nd International water technology conference, International Water Technology Association, Ismailia, Egypt	2019		SDG-7	Yes
381	Mech	Conference	D.Prince Winston*, A.E. Kabeel, M.Pravin, A.G.Akash, Ravishankar Sathyamurthy, A. Muthu Manokar	Analysis of Blower fan effect on the hybrid PV/T	22nd International water technology conference, International Water Technology Association, Ismailia, Egypt	2019	http://iwtc2019.websit e2.me/iwtc-2019	SDG-7	Yes
382	Mech	Conference	Abderrahmane Khechekhouche*, Boubaker Benhaoua, Zied Driss, Mokhtar Ghodbane, A. Muthu Manokar	Energy balance in solar distillation,	National symposium on green énergies NS6E19 \EI Oued June 2019	2019		SDG-7	Yes
383	Mech	Conference	Mohamed Illiyas	Computational analysis of heat transfer jet impingement on a flat surface,	CMFDP 2019	2019		SDG - 9	No
384	Mech	Conference	Surya Rajan B, Sathickbasha, K, Balaji.M A S, Selvakumar A S, Rasool Mohideen S, Prince Arockia Doss	Tribo performance of single and multiwall carbon nanotube in the disc brake pad formulation, .	Eurobrake-2019	2019	http://2019.eurobrake.net/programe/technical-programme/EB2019-MDS-029	SDG - 9	No

385	Mech	Conference	Bernard, S. S., Ahmed, M. J., Dasaprakash, J., Nitin, M. S., Vivek, S, Kannan,	Friction and Wear Properties of Bio-Based Abrasive in a High-Friction Composite Material	Advances in Manufacturing Technology (pp. 577-585). Springer, Singapore.	2019	https://link.springer.com/chapter/10.1007/978-981-13-6374-0_63	SDG - 9	No
386	Mech	Conference	Sai Balaji MA	Adaptive control of tool wear by grey wolf optimization and neural controller in a drilling process, International conference on robotics Automation and Non-Destructive Evaluation,	International Conference on Robotic, Automation and Non-Destructive Evaluation. (2019)	2019		SDG - 9	No
387	Mech	Conference	Dulkiflee, M. M., Kumar, A. V., Balasrinivasan, M., Balachandar, K.Kumar C S	Influence of SiC Powders on Aluminium Alloy 7075 T6 Joints by Friction Stir Welding Process	IOP Conference Series: Materials Science and Engineering (Vol. 577, No. 1, p. 012003). IOP Publishing.	2019	DOI:10.1088/1757-899X/577/1/012003	SDG - 9	No
388	Mech	Conference	A Khechekhouche, Mohammed El Hadi Attia, Ali Boukhari, Muthu Manokar, Z Driss, Boubaker Ben Haoua, Mokhtar Ghodbane	Effect of cover thickness on the yield of a solar distiller under the El oued climate	International Symposium on Technology & Sustainable Industry Development, ISTSID'2019, University of Eloued, Algeria	2019		SDG-7	Yes

389	Mech	Conference	Jamesha Ibrahim K*, Varunkumar R, A. Muthu Manokar, Abderrahmane Khechekhouche	Experimental evaluation of Indirect Solar Cooking Unit Integrated with Thermal System	International Symposium on Technology & Sustainable Industry Development, ISTSID'2019, University of Eloued, Algeria	2019	DOI:10.101 6/j.est.2020 .101949	SDG-7	Yes
390	Mech	Conference	Gunasegaran, V, Muralidharan, V	Fault Diagnosis of Spur Gear System through Decision Tree Algorithm using vibration signal	Science Direct Materials Today Proceedings, ICM MM 2019	2020	https://www .sciencedir ect.com/sci ence/article /pii/S22147 853203206 30	SDG-9	No
391	Mech	Conference	Varun Kumar Arulvizhi, Selvakumar Al. S., Ravikumar, N, Dinesh, B and Abdur Rahman K,	Free vibration study of Nd:YAG Laser Welded Stainless steel 316 joints reinforced with Stellite Powder	Science Direct ICMMM 2019	2020	DOI:10.101 6/j.matpr.20 20.01.430	SDG-9	No
392	Mech	Conference	Varun Kumar A, Balasrinivasan, M, Varun Kumar, R, Balachandar, K, Sivakumar,C,	Temperature Distribution Study of Friction Stir Welded Aluminum Alloy 7075- T6 joints Reinforced with SiC Powders	Science Direct, Materials Direct	2020	https://www .sciencedir ect.com/sci ence/article /pii/S22147 853203053 19	SDG-9	No
393	Mech	Conference	Muthu Manokar, A, Kabeel A.E., Ravishankar Sathyamurthy, Mageshbabu D, Madhu B, Anand P, Parandhaman Balakrishnan,	Effect of mass flow rate on fresh water improvement from inclined PV panel basin solar stil	Materials Today Proceedings	2020	https://www .sciencedir ect.com/sci ence/article /pii/S22147 853203078 47	SDG -7	Yes

394	Mech	Conference	Mohamed Bak, K, Raj Kumar, G, Ramasamy N and Vijayanandh, R	Experimental and Numerical studies on the mechanical characterization of EPDM / S-SBR Nano clay composites	Materials Science and Engineering, IOP Publishing	2020	https://iopscience.iop.org/article/10.1088/1757-899X/912/5/052016	SDG-9	No
395	Mech	Conference	Mohamed Bak, K,	Mechanical Investigation of coconut coir reinforced epoxy composite spur gear	ICSTEE 2020	2020		SDG-9	No
396	Mech	Conference	Ravishankar Sathyamurthy, Mageshbabu, D, Madhu, B, Muthu Manokar, A, Reajendra Prasad, A, Sudhakar, M,	Influence of fins on the absorber plate of tubular solar still - An experimental study	Materials Today : Proceedings	2020	https://www.sciencedirect.com/science/article/pii/S2214785320389689	SDG -7	No
397	Mech	Conference	Stephen Bernard, S, Suresh, G, Md, Javeed Ahmed, Mageshwaran, G, Madanagopal V,	Performance analysis of MWCNT fluid parabolic trough collector for whole year	Materials Today: Proceedings	2020	https://www.sciencedirect.com/science/article/pii/S2214785320338505	SDG-9	No
398	Mech	Conference	Gurukarthik Babu B*, Vishnu V, Dhanasekaran V, Prince Winston D, Ravishankar Sathyamurthy, Muthu Manokar A	Performance enhancement of single slope solar still by composite insulation	International Conference on Innovations in Thermo-Fluid Engineering and Sciences [ICITFES - 2020], National Institute of Technology, Rourkela, 769008, India	2020			No

399	Mech	Conference	Mohamed Thalib, A. Muthu Manokar*, N.Vasimalai, Fadl A Essa, Ravishankar Sathyamurthy	Comparative Study of Tubular Solar Stills with Different Phase Change Materials	International Conference on Innovations in Thermo-Fluid Engineering and Sciences [ICITFES - 2020], National Institute of Technology, Rourkela, 769008, India	2020			No
400	Mech	Conference	Emmanuel Agbo Tei, Rasool Mohideen S, Aakash Srinivasan G, Muthu Manokar A*,	Enhancing the performance of a conventional single slope solar still using sensible heat energy storage materials	International Conference on Innovations in Thermo-Fluid Engineering and Sciences [ICITFES - 2020], National Institute of Technology, Rourkela, 769008, India	2020			No
401	Mech	Conference	Mohamed Thalib M, Paramasivam A, Karthick, Ravishankar Sathyamurthy, Muthu Manokar A*,	performance analyses of 250 kWp grid connected mono crystalline photovoltaic system using simulation tool	International Conference on Innovations in Thermo-Fluid Engineering and Sciences [ICITFES - 2020], National Institute of Technology, Rourkela, 769008, India	2020			No

402	ECE	Conference	Ms. S. Kalaivani, Manikandan D, Manthra T, Abarna S and Dr. C.Tharini	A Survey on Wearable and Wireless ECG Monitoring System	10th International Conference on Science and Innovative Engineering, Jawahar Engineering College, Chennai, 29th March 2020.	2020		SDG4, SDG9	No
403	ECE	Conference	Afrin Fathima, Vigneshwaran, Samiullah, ThoufeekAhamed, Kalaivani S and Vijay Anand	A Survey on Solar Energy Harvester for Wireless Sensor Nodes”, 10th International Conference on Science and Innovative Engineering	10th International Conference on Science and Innovative Engineering, Jawahar Engineering College, Chennai, 29th March 2020.	2020		SDG4, SDG9	No
404	ECE	Conference	R.Anitha,S.Anusooya,Jean Shilpa,Pragadeesh,Kiran Balaji	NexGen Indoor Farming Monitoring System	5th IEEE International Conference on Inventive Computation Technologies (ICICT-2020) 26- 28 February 2020.	2020		SDG4, SDG9	No

405	ECE	Conference	Salma A, ShaikMohsin, ShaikMomin and Dr. Parnasree Chakraborty	Implementation of Automated Car Audio System Based on Driver's Facial Expressions using Deep Learning	International Conference on Smart Modernistics in Electronics and Communication- ICSMEC '29th & 30th June 2020, pp-221	2020	https://sme.c.ac.in/assets/images/ece/ICSMEC.pdf	SDG4, SDG9	No
406	ECE	Conference	P. Maya;C. Tharini	Performance Analysis of Lane Detection Algorithm using Partial Hough Transform	2020 21st International Arab Conference on Information Technology (ACIT)	2020	https://ieeexplore.ieee.org/document/9300083	SDG4, SDG9	No
407	ECE	Conference	H.Rohit Kumar Bansal, ShaikRahamanRiyaz Ahmed, Sheik Mohammed Azaruddin, G.Anuradha	Fall Prevention and Detection in Dementia Patient	International Conference on Smart Modernistic in Electronics and Communication, pp. 165, June 2020	2020	https://sme.c.ac.in/assets/images/ece/ICSMEC.pdf	SDG4, SDG9, SDG10	No
408	ECE	Conference	A.PRIYA,, A.NAFEESA, E.SHARUMATHI, R.RAGHUL	Sensor based helmet for the safety of two-wheeler drivers	IWCSET 2020 organized by Ramco Institute of Technology, Rajapalayam, Tamilnadu, India on 26th & 27th June 2020.			SDG4, SDG9,SDG10	No

409	ECE	Conference	N.AmeerSuhail, S.Anusooya	An Efficient DC-DC Boost Converter for Low power Applications	Virtual International conference on Innovation in Interdisciplinary Research 2020,organized by Kalasalingam Academy of Research and Education during 23-24 June 2020.	2020		SDG4, SDG9	No
410	ECE	Conference	R.Anitha , ShaikAmmaarAhamed , ShaikNaveed Imran , R.Augustin Vijay	LIFI BASED VEHICULAR TO VEHICULAR COMMUNICATION SYSTEM	Virtual International conference on Innovation in Interdisciplinary Research 2020,organized by Kalasalingam Academy of Research and Education during 23-24 June 2020.	2020		SDG4, SDG9, SDG10	No

411	ECE	Conference	Indragandhi,PK Jawahar	Core Performance Based Packet Priority Router for NOC Haterogeneous Multicore Processor	6th Internatinal conference on information system design and Intelligent Application ,1-2 November ,2019, at Lendi Institute of Engineering and Technology.	2020		SDG4, SDG9	No
412	ECE	Conference	P V Bhuvaneshwari; C Tharini	LDPC Codes for Distributed Storage systems	11th International Conference on Advanced Computing (ICoAC),IEEE Conference, Chennai, India	2019		SDG4, SDG9	No
413	ECE	Conference	B.Sivashanmugavalli, B. Vijayalaksmi, L.BadhreeRao, S.Samiulla	Design of 4X4 CSRR Metasurface Loaded Patch Antenna	8 th International Conference on Applied Science Engineering and Technology conducted by IFERP at DEC 2019.	2019		SDG4, SDG9	No
414	ECE	Conference	Zahid Ahmed, R. Iniyavan and Madhan Mohan P	Enhanced Vulnerable Pedestrian Detection using Deep Learning	IEEE International Conference on Communication and Signal Processing, pp 0971 – 0974, April 4-6, 2019.	2019	https://ieeexplore.ieee.org/document/8697978	SDG4, SDG9	No

415	ECE	Conference	Indragandhi,PK Jawahar	Core Performance Based Packet Priority Router for NOC Haterogeneous Multicore Processor	6th Internatinal conference on information system design and Intelligent Application ,1-2 November ,2019, at Lendi Institute of Engineering and Technology.	2019		SDG4, SDG9	No
416	ECE	Conference	Hanusha A , Anusooya S Jean Shilpa V, Anitha R kalaivani S	Design and C1Implementation of Configurable DPLL using Adaptive Threshold Optimization ATO	INTERNATIONAL CONFERENCE ON EMERGING TRENDS IN SCIENCE, ENGINEERING & TECHNOLOGY, Jerusalem College of Engineering, 22nd March 2019	2019		SDG4, SDG9	No
417	Mangt	Conference	Dr. J. Hemalatha & Dr. Mohammed K. Jasim	Sustainability through Brand Positioning of Homeopathic Medicines in Indian Mileu	International Conference on Sustainability and Equity "Digital Society"	2020		SDG 12 - Responsible Consumption & Production	No

418	Mangt	Conference	Sangeetha, E. and Yasmeen, H.	A Study on Education, Employability and Employment Dimensions of Food Delivery Executives: An Exploratory Study	International Conference – Future of Work, Workforce and Workplace” organised by WE SCHOOL, Mumbai- Published as book-Excel India Publishers, New Delhi. ISBN978-81-943641-5-3.	2020		SDG 4- Quality Education- Education for Sustainability	No
419	Mangt	Conference	Ansari Sarwar Alam	A study of the relationship between employee competencies and organisational performance: An empirical check	Start Up To Scale Up: Management & Policy Interventions	2019		SDG 8 - Decent Work & Economic Growth	No
420	EEE	Conference	S.Jennathu Beevi, Dr.R.Jayashree, Dr.A.Peer Fathima	Optimal Fractional Order Controller for Frequency Regulation in Restructured Environment	2nd International Conference PECCON 2019 organized by School of Electrical Engineering, VIT Chennai	2019		7,12	No
421	EEE	Conference	Richa, Abdul R Beig, Khaled Al Jaafari,R.Jayashree	Operation of MMC Based HVDC Under SM Failure at Sending End Converter		2019	ISSN 978-1-7281-0395-2/19	7,12	Yes

422	EEE	Conference	Richa, Abdul R Beig, Apparao Dekka, R.Jayashree	Operation of MMC Based Unipolar HVDC Under SM Failure	IEEE Energy Conversion Congress and Exposition (ECCE 2019) Conference held in Baltimore, New York , ISSN 978-1-7281-0395-2/19,	2019	ISSN 978-1-7281-4878-6/19	7,12	Yes
423	EEE	Conference	Richa, Abdul R Beig, R.Jayashree, Mohd Tariq	Modular Multilevel Converter Based HVDC System Using PD PWM Algorithm	9th IEEE International Conference on Power and Energy Systems (ICPES 2019), Perth , Australia	2019		7,12	Yes
424	EEE	Conference	Zahira R., Peer Fathima A., Lakshmi D., Amirtharaj S.	Modeling and Simulation Analysis of Shunt Active Filter for Harmonic Mitigation in Islanded Microgrid	2nd International Conference PECCON 2019 organized by School of Electrical Engineering, VIT Chennai	2019	https://link.springer.com/chapter/10.1007/978-981-15-7241-8_15	7,12	
425	EEE	Conference	D. Lakshmi, R. Zahira, C. N. Ravi, G. Ezhilarasi and C. Nayanatara,	Flower Pollination Algorithm in DPS Integrated DFIG for Controlling Load Frequency	International Conference on Power, Energy, Control and Transmission Systems (ICPECTS)	2020	https://ieeexplore.ieee.org/document/9337017	7	No

426	EEE	Conference	V.Bharanigha, Y.Mohamed Shuaib	Efficiency improvement studies using nanomaterials in BLDC motor	International Conference on Nanotechnology, Renewable Materials Engineering & Environmental Engineering	2019	ISSN	7	No
427	EEE	Conference	Richa, R. Jayashree, Mohd. Tariq	Vector control of modular multilevel converter based unipolar HVDC system	UPCON, International Conference	2019	10.1109/UPCON47278.2019.8980215	7	No
428	CA	Conference	Senthilkumar D, George Washington, A.K. Reshmy, Noorunisha Mubarakali	Energy Performance Prediction of Residential Buildings Using Non-Linear Machine Learning Technique	International Conference on Innovative Computing and Communication (ICICC-2021), organized by Shaheed Sukhdev College of Business Studies, University of Delhi, in association with National Institute of Technology, Patna, India and University of Valladolid, Spain on 20th-21st Feb 2021. (ISBN: 978-981-16-2594-7 / 2597-8)	2021	https://link.springer.com/chapter/10.1007/978-981-16-2594-7_7	SDG 7, SDG 12	No

429	CA	Conference	A.K. Reshmy, Sudha Rajesh, P. Amudhavalli and C. Narmatha	A Learning Based Factorization Approach for Uniform Distribution of Data in M2M Communication	International Conference on Computing and Information Technology (ICCIT-1441), Tabuk, Saudi Arabia, 2020, pp. 1-6, doi: 10.1109/ICCIT-144147971.2020.9213724, (Volume: 02, Issue: ICCIT-1441, Page No.: 117 – 122, 9th & 10th Sep 2020	2020	https://ieeexplore.ieee.org/document/9213724	SDG 9	Yes
430	CA	Conference	P. Amudhavalli, A.K. Reshmy, S. Sabaria	Semi-Supervised Learning Approach for Detecting Abnormalities in a Cloud Environment	International Virtual Conference on Smart Advanced Material Sciences and Engineering Applications (IVCSAMSEA 2020), organized by K L University, Guntur, 03rd to 05th Dec 2020, (ISBN: 978-605-14423-1-9)	2020	ICCIT-144147971.2020.9213724	SDG 9	No

431	CA	Conference	Magesh Bagyaraj R, Nandha Kishore, A.K. Reshmy	Predictive Modelling for Air Pollution between Coastal and Inland Areas	International Conference on Computing, Communication and Information Technology (I3CIT 2020), organized by Chennai Institute of Technology, 30th & 31st July 2020, (ISBN: 978- 93-5407-928-3).	2020		SDG 11	No
432	CA	Conference	Nandha Kishore, A.K. Reshmy, Magesh Bagyaraj R,	Univariate Analysis on Air Pollution Across Tamilnadu	International e- Conference on Recent Trends in Electronics, Computing and Communication Engineering, (ICRTECC 2020), organized by Saveetha School of Engineering, 15th & 16th June 2020, (ISBN:9- 788190-994811).	2020	(ISBN:9- 788190- 994811)	SDG 11	No

433	CA	Conference	Radhika .A, M. Syed Masood, Roshan S, Sri Deepak Sakkaravarthi SS	PREMIER LEAGUE TABLE PREDICTION USING MACHINE LEARNING ALGORITHMS	3 RD INTERNATIONAL CONFERENCE ON MULTIDISCIPLINARY PERSPECTIVES IN ENGINEERING & TECHNOLOGY - 3RD ICM PET-2021	2021	3RD ICM PET-2021	SDG 9	No
434	CA	Conference	J Dhanalakshmi, N Ayyanathan, NS Pandian	Energy Analytics and Comparative Performance Analysis Of Machine Learning Classifiers On Power Boiler Dataset	2019 11th International Conference on Advanced Computing (ICoAC)	2019	https://ieeexplore.ieee.org/abstract/document/9087326	SDG 7 & SDG 9	No, But ,Joint Publication with Industry expert
435	CA	Conference	Saivijayalakshmi Janakiraman, N Ayyanathan	Big Data Framework for Indian Green Coffee Export Demand Modeling and Descriptive Analysis using Nosql-MONGODB	2021-10-26	2021	https://scholar.google.com/citations?view_op=view_citation&hl=en&user=5EyFRoQAAAJ&citation_for_view=5EyFRoQAAAJ:hqOjcs7Dif8C	SDG 17	No

436	CA	Conference	Tawseef Ahmad Naqishbandi, N Ayyanathan	Clinical Big Data Predictive Analytics Transforming Healthcare:-An Integrated Framework for Promise Towards Value Based Healthcare	Advances in decision sciences, image processing, security and computer	2020	https://link.springer.com/chapter/10.1007/978-3-030-24318-0_64	SDG9	No
437	CA	Conference	Dr. V. Shenbagapriya, Dr. V.J Sowmya, T. Pandiyavathi	Augumented Reality influences and challenges in diversified fields	Virtual 2nd International Conference on Recent Advances in Computing and Communication-28th May 2021 ISBN: 978-81-953432-1-8 (ICRACC'21)	2021	ISBN: 978-81-953432-1-8 (ICRACC'21)	SDG 9	No
438	CA	Conference	Abdul Azeez Khan., & K.Javubar Sathick	Malnutrition Detection using Convolutional Neural Network.	In 2021 Seventh International conference on Bio Signals, Images, and Instrumentation (ICBSII) (pp. 1-5). IEEE.(2021, March).	2021	https://ieeexplore.ieee.org/abstract/document/9445188	SDG2	No

439	CA	Conference	Dr. V. Shenbagapriya, Dr. V.J Sowmya, T. Pandiyavathi	A Preliminary Study On Developing an Indian Tourism Economy With Statistical Approach Using Emerging Technologies” Virtual 2nd International Conference on Recent Advances in Computing and Communication-28th May 2021	Virtual 2nd International Conference on Recent Advances in Computing and Communication- 28th May 2021	2021	ISBN: 978- 81-953432- 1-8 (ICRACC'2 1)	SDG 12	No
440	CA	Conference	Ms. K. Vijayalakshmi & Logapriya. E	A Privacy Conserving Mutual Auditing for Multi-Cloud Infrastructure in Cloud	International conference on Latest Advancements and future trends in Engineering, Science, Humanities and Management	2020	ISBN: 978- 93-90103- 06-5	SDG 9	No
441	CA	Conference	Dr.S.Shahar Banu ,Mr. Mohamed Imran	Review Based Analysis on Various Disease Prediction and Document Classification Using Datamining Technique.	International Conference on "Emerging Trends in datamining and business Intelligence ",Jan 2020	2020	-	SDG 9	no

442	CA	Conference	V. Shenbaga Priya., D. Ramya Chitra	" Remote Sensing Image Enhancement Techniques: A Comprehensive Survey",	National Conference on Advanced Computing, 2019	2019		SDG 9	nO
443	CA	Conference	Salliah Shaifi, Ansari G.A	"Predictions of Diabetes and Diet Recommendation System for Diabetic Patients using Machine Learning Techniques"	2nd IEEE International Conference on Emerging Technology (INCET) Belgaum	2021		SDG 3	No
444	CA	Conference	Salliah Shaifi, Ansari G.A	Early Prediction of Diabetes Disease and Classification of Algorithm using Machine Learning Approach	Elsevier SSRN International Conference on Smart Data Intelligence (ICSMDI) pp. 824-83	2021	978-1-7281-7029-9/21	SDG 3	No
445	CA	Conference	Sivakani, R and Ansari G.A	Imputation Using Machine Learning Technique	IEEE International Conference on Computer, Communication and Signal Processing (ICCSSP),	2020		SDG 9	No
446	CA	Conference	Sivakani, R and Ansari G.A	Machine Learning Framework for Implementing Alzheimer's Disease"	IEEE Advancing Technology for Humanity International Conference on Communication and Signal Processing(ICCS P)	2020		SDG 3	No

447	CA	Conference	R. Akila, S. Revathi, G. Shree Devi	Opinion Mining on Food Services using Topic Modeling and Machine Learning Algorithms in March 2020.	6th International Conference on Advanced Computing and Communication Systems (ICACCS)	2020	Available in IEEE Explorer Digital Library	SDG 9	No
448	CA	Conference	P. Rajeswari, K.K. Thyagarajan, V.S. Prabhu, G. Shreedevi	Denoising X-Ray Image Using Discrete Wavelet Transform and Thresholding Proceeding available in Futuristic Communication and Network Technologies, Series title – LNEE SNN - 1876-1100 – Publisher Springer Singapore	Futuristic Communication and Network Technologies VICFCNT Nov. 2020.	2020	LNEE SNN - 1876-1100 – Publisher Springer Singapore	SDG 9	NO
449	CA	Conference	P. Padmavathy, S. Pakkir Mohideen, Zameer Gulzar,	A Novel Architecture for a Two-Pass Opinion Mining Classifier	International Conference on Advances in Computational Intelligence and Informatics	2019	Springer "Lecture Notes in Networks and Systems", ISSN: 2367-3370 https://doi.org/10.1007/978-981-15-3338-9_4	SDG 9	NO
450	CA	Conference	Dr. Sudha Rajesh, Mr. Ashwin, Mr. John Arul	1. Smart Street Light Using IOT	Virtual International	2021		SDG 9	NO

451	CA	Conference	Dr. Sudha Rajesh, Mr. Ganesh, Mr. Manoj	2. Dynamic Hand Gesture Using Machine Learning Technique	Conference on Recent Emerging Science,	2021	Published with ISBN: 978-93-5473-898-2	SDG 9	NO
452	CA	Conference	Dr. Sudha Rajesh, Mr. Musthafa	3. Authentication in UPI Using Face Recognition	Two Days International Conference on Data Science and Information Ecosystem	2021	Published	SDG 9	NO
453	Auto	Conference	Dineshkumar, C., A. Sonya, CK Arvinda Pandian, T. R. Tamilarasan , S. Dhanush, K. Abdur Rahman.	Active safety enhanced braking system with driver condition monitoring for passenger vehicles	AIP Conference Proceedings (vol. 2283, no. 1, p. 020030. AIP Publishing LLC)	2020	https://aip.scitation.org/doi/10.1063/5.0029214	9,11	No
454	Auto	Conference	C Dineshkumar	Active safety enhanced braking system with driver condition monitoring for passenger vehicles	International Conference on Recent Trends in Mechanical and Materials Engineering, Chennai, December 2019CIT - CHENNAI	2019	https://aip.scitation.org/doi/10.1063/5.0029214	SDG 9	yes

455	Auto	Conference	C Dineshkumar	Characteristics Assessment On Riveted, Bonded And Hybrid Joints Using Gfrp composites”,	International Conference on Recent Advances in Design, Materials and Manufacturing (ICRADMM 2020)		https://www.researchgate.net/publication/351725564_Characteristics_assessment_on_riveted_bonded_and_hybrid_joints_using_GFRP_composites	SDG 9	yes
456	Auto	Conference	C Dineshkumar	Analysis of thermal, dynamic and mechanical properties of hybrid alovera/hemp FRE bio-composites	International Conference on Materials Engineering and Characterization	2019	https://www.sciencedirect.com/science/article/pii/S2214785319339161	SDG 9	yes
457	Auto	Conference	C.K. Arvinda Pandian	Active safety enhanced braking system with driver condition monitoring for passenger vehicles	International Conference on Recent Trends in Mechanical and Materials Engineering, Chennai, December 2019CIT - CHENNAI	2019	https://aip.scitation.org/doi/10.1063/5.0029214	SDG 9	yes

458	Auto	Conference	M Bharathiraja, Ragupathy Karu, P Arjunraj, PD Jeyakumar	Comparison of Concurrent Reduction of Smoke and NO _x Emission Techniques	National Conference on IC Engines and Combustion	2019	Compariso n of Concurrent Reduction of Smoke and NOx Emission Techniques SpringerLin k	SDG 11	no
459	Auto	Conference	Ram Anandan, P D Jeya Kumar , S Prince Arocika Doss	Effect of Variable Geometry Fin in Automotive Condenser Using Analytical and CFD Approach	SAE International	2020	Effect of Variable Geometry Fin in Automotive Condenser Using Analytical and CFD Approach (sae.org)	SDG9	No
460	Polymer	Conference	V. Sushmitha, B. Sanjay, K. Aprajith and S.Shamshath Begum ,	Development and Characterization of Biocomposite from Natural Fibers	2 nd International Conference on Research & Developments in Engineering, Pharmacy & Management (2 nd ICRDEPM)	2020	ISBN : 979- 858086433 4	SDG 9	NO
461	Polymer	Conference	Abbas S.V, Mahesvaran .R, Yuvaraj. A, Sriram Srinivasan and S.Shamshath Begum ,	Recover and Reuse of Eco Benign Polyurethane Foam	International Conference on Research and Developments in Engineering and Technology (ICRDET 2020)	2020	ISBN-13: 979- 869363836 5	SDG 9	NO

462	Polymer	Conference	Sriram Srinivasan, Abbas S.V, Suganandam D, Karthik . D and S.Shamshath Begum	A Comparative Study on the Characteristics of Crumped Rubber with Commercial Rubber	International Conference on Emerging Trends in Design, Manufacturing, Materials and Thermal Sciences (ETDMMT 2020), (September 24-25)	2020	DOI : 10.1007/978-981-33-6428-8, ISBN : 978-981-336-427-1	SDG 9	NO
463	Polymer	Conference	Murali Manohar D, Bikash Chandra Chakraborty and S.Shamshath Begum	Hardness – Elastic Modulus Relationship for Nitrile Rubber and Nitrile Rubber - Polyvinyl Chloride Blends	International Conference on Emerging Trends in Design , Manufacturing, Materials and Thermal Sciences (ETDMMT 2020), (September 24-25)	2020	10.1007/978-981-33-6428-8, ISBN : 978-981-336-427-1	SDG 9	NO

464	Polymer	Conference	<p>The Addition of Polytetrafluoroethylene (PTFE) and graphite on Acrylonitrile Butadiene Styrene (ABS) and its effect on Mechanical and Tribological Characteristics</p> <p>Basanta Kumar Behera and M.Thirumurugan</p>	<p>Emerging Trends in Design, Manufacturing, Materials and Thermal Sciences (ETDMMT 2020)", Organize by BSAbdur Rahman Crescent Institute of Science and Technology, Chennai during September 24-25,2020</p>	2020	DOI:10.1007/978-981-33-6428-8	SDG 9	No
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465	CA	Conference	Senthilkumar D, George Washington, A.K. Reshmy, Noorunisha Mubarakali	Energy Performance Prediction of Residential Buildings Using Non-Linear Machine Learning Technique	International Conference on Innovative Computing and Communication (ICICC-2021), organized by Shaheed Sukhdev College of Business Studies, University of Delhi, in association with National Institute of Technology, Patna, India and University of Valladolid, Spain on 20th-21st Feb 2021. (ISBN: 978- 981-16-2594-7 / 2597-8)	2021	https://link.springer.com/chapter/10.1007/978-981-16-2594-7_7	SDG 7, SDG 12	No
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466	CA	Conference	A.K. Reshmy, Sudha Rajesh, P. Amudhavalli and C. Narmatha	A Learning Based Factorization Approach for Uniform Distribution of Data in M2M Communication	International Conference on Computing and Information Technology (ICCIT-1441), Tabuk, Saudi Arabia, 2020, pp. 1-6, doi: 10.1109/ICCIT-144147971.2020.9213724, (Volume: 02, Issue: ICCIT-1441, Page No.: 117 – 122, 9th & 10th Sep 2020	2020	https://ieeexplore.ieee.org/document/9213724	SDG 9	Yes
467	CA	Conference	P. Amudhavalli, A.K. Reshmy, S. Sabaria	Semi-Supervised Learning Approach for Detecting Abnormalities in a Cloud Environment	International Virtual Conference on Smart Advanced Material Sciences and Engineering Applications (IVCSAMSEA 2020), organized by K L University, Guntur, 03rd to 05th Dec 2020, (ISBN: 978-605-14423-1-9)	2020	ICCIT-144147971.2020.9213724	SDG 9	No

468	CA	Conference	Magesh Bagyaraj R, Nandha Kishore, A.K. Reshmy	Predictive Modelling for Air Pollution between Coastal and Inland Areas	International Conference on Computing, Communication and Information Technology (I3CIT 2020), organized by Chennai Institute of Technology, 30th & 31st July 2020, (ISBN: 978- 93-5407-928-3).	2020		SDG 11	No
469	CA	Conference	Nandha Kishore, A.K. Reshmy, Magesh Bagyaraj R,	Univariate Analysis on Air Pollution Across Tamilnadu	International e- Conference on Recent Trends in Electronics, Computing and Communication Engineering, (ICRTECC 2020), organized by Saveetha School of Engineering, 15th & 16th June 2020, (ISBN:9- 788190-994811).	2020	(ISBN:9- 788190- 994811)	SDG 11	No

470	CA	Conference	Radhika .A, M. Syed Masood, Roshan S, Sri Deepak Sakkaravarthi SS	PREMIER LEAGUE TABLE PREDICTION USING MACHINE LEARNING ALGORITHMS	3 RD INTERNATIONAL CONFERENCE ON MULTIDISCIPLINARY PERSPECTIVES IN ENGINEERING & TECHNOLOGY - 3RD ICM PET-2021	2021	3RD ICM PET-2021	SDG 9	No
471	CA	Conference	J Dhanalakshmi, N Ayyanathan, NS Pandian	Energy Analytics and Comparative Performance Analysis Of Machine Learning Classifiers On Power Boiler Dataset	2019 11th International Conference on Advanced Computing (ICoAC)	2019	https://ieeexplore.ieee.org/abstract/document/9087326	SDG 7 & SDG 9	No, But ,Joint Publication with Industry expert
472	CA	Conference	Saivijayalakshmi Janakiraman, N Ayyanathan	Big Data Framework for Indian Green Coffee Export Demand Modeling and Descriptive Analysis using Nosql-MONGODB	2021-10-26	2021	https://scholar.google.com/citations?view_op=view_citation&hl=en&user=5EyFRoQAAAJ&citation_for_view=5EyFRoQAAAJ:hqOjcs7Dif8C	SDG 17	No

473	CA	Conference	Tawseef Ahmad Naqishbandi, N Ayyanathan	Clinical Big Data Predictive Analytics Transforming Healthcare:-An Integrated Framework for Promise Towards Value Based Healthcare	Advances in decision sciences, image processing, security and computer	2020	https://link.springer.com/chapter/10.1007/978-3-030-24318-0_64	SDG9	No
474	CA	Conference	Dr. V. Shenbagapriya, Dr. V.J Sowmya, T. Pandiyavathi	Augumented Reality influences and challenges in diversified fields	Virtual 2nd International Conference on Recent Advances in Computing and Communication-28th May 2021 ISBN: 978-81-953432-1-8 (ICRACC'21)	2021	ISBN: 978-81-953432-1-8 (ICRACC'21)	SDG 9	No
475	CA	Conference	Abdul Azeez Khan., & K.Javubar Sathick	Malnutrition Detection using Convolutional Neural Network.	In 2021 Seventh International conference on Bio Signals, Images, and Instrumentation (ICBSII) (pp. 1-5). IEEE.(2021, March).	2021	https://ieeexplore.ieee.org/abstract/document/9445188	SDG2	No

476	CA	Conference	Dr. V. Shenbagapriya, Dr. V.J Sowmya, T. Pandiyavathi	A Preliminary Study On Developing an Indian Tourism Economy With Statistical Approach Using Emerging Technologies” Virtual 2nd International Conference on Recent Advances in Computing and Communication-28th May 2021	Virtual 2nd International Conference on Recent Advances in Computing and Communication- 28th May 2021	2021	ISBN: 978- 81-953432- 1-8 (ICRACC'2 1)	SDG 12	No
477	CA	Conference	Ms. K. Vijayalakshmi & Logapriya. E	A Privacy Conserving Mutual Auditing for Multi-Cloud Infrastructure in Cloud	International conference on Latest Advancements and future trends in Engineering, Science, Humanities and Management	2020	ISBN: 978- 93-90103- 06-5	SDG 9	No
478	CA	Conference	Dr.S.Shahar Banu ,Mr. Mohamed Imran	Review Based Analysis on Various Disease Prediction and Document Classification Using Datamining Technique.	International Conference on "Emerging Trends in datamining and business Intelligence ",Jan 2020	2020	-	SDG 9	no

479	CA	Conference	V. Shenbaga Priya., D. Ramya Chitra	" Remote Sensing Image Enhancement Techniques: A Comprehensive Survey",	National Conference on Advanced Computing, 2019	2019		SDG 9	nO
480	CA	Conference	Salliah Shaifi, Ansari G.A	"Predictions of Diabetes and Diet Recommendation System for Diabetic Patients using Machine Learning Techniques"	2nd IEEE International Conference on Emerging Technology (INCET) Belgaum	2021		SDG 3	No
481	CA	Conference	Salliah Shaifi, Ansari G.A	Early Prediction of Diabetes Disease and Classification of Algorithm using Machine Learning Approach	Elsevier SSRN International Conference on Smart Data Intelligence (ICSMDI) pp. 824-83	2021	978-1-7281-7029-9/21	SDG 3	No
482	CA	Conference	Sivakani, R and Ansari G.A	Imputation Using Machine Learning Technique	IEEE International Conference on Computer, Communication and Signal Processing (ICCSSP),	2020		SDG 9	No
483	CA	Conference	Sivakani, R and Ansari G.A	Machine Learning Framework for Implementing Alzheimer's Disease"	IEEE Advancing Technology for Humanity International Conference on Communication and Signal Processing(ICCSP)	2020		SDG 3	No

484	CA	Conference	R. Akila, S. Revathi, G. Shree Devi	Opinion Mining on Food Services using Topic Modeling and Machine Learning Algorithms in March 2020.	6th International Conference on Advanced Computing and Communication Systems (ICACCS)	2020	Available in IEEE Explorer Digital Library	SDG 9	No
485	CA	Conference	P. Rajeswari, K.K. Thyagarajan, V.S. Prabhu, G. Shreedevi	Denoising X-Ray Image Using Discrete Wavelet Transform and Thresholding Proceeding available in Futuristic Communication and Network Technologies, Series title – LNEE SNN - 1876-1100 – Publisher Springer Singapore	Futuristic Communication and Network Technologies VICFCNT Nov. 2020.	2020	LNEE SNN - 1876-1100 – Publisher Springer Singapore	SDG 9	NO
486	CA	Conference	P. Padmavathy, S. Pakkir Mohideen, Zameer Gulzar,	A Novel Architecture for a Two-Pass Opinion Mining Classifier	International Conference on Advances in Computational Intelligence and Informatics	2019	Springer "Lecture Notes in Networks and Systems", ISSN: 2367-3370 https://doi.org/10.1007/978-981-15-3338-9_4	SDG 9	NO
487	CA	Conference	Dr. Sudha Rajesh, Mr. Ashwin, Mr. John Arul	1. Smart Street Light Using IOT	Virtual International	2021		SDG 9	NO

488	CA	Conference	Dr. Sudha Rajesh, Mr. Ganesh, Mr. Manoj	2. Dynamic Hand Gesture Using Machine Learning Technique	Conference on Recent Emerging Science,	2021	Published with ISBN: 978-93-5473-898-2	SDG 9	NO
489	CA	Conference	Dr. Sudha Rajesh, Mr. Musthafa	3. Authentication in UPI Using Face Recognition	Two Days International Conference on Data Science and Information Ecosystem	2021	Published	SDG 9	NO
490	EIE	Conference	Najumnissa Jamal D	Analysis of Influence of Yoga-Asana on the Digestive process using Electrogastrograms, Proceeding	third International Conference on Computing and Communication System organized by the Department of Information Technology, North-Eastern Hill University, Shillong, India,	2020	https://link.springer.com/chapter/10.1007/978-981-33-4084-8_40	SDG3	No
491	EIE	Conference	Najumnissa D	Analysis of Stuttered speech using MFCC and Naive Bayes Classifier	3rd International Conference on Recent Trends In Science And Technology, organized by GKM College of Engineering & Technology and TECHOWN,	2020		SDG3	No

492	EIE	Conference	Najumnissa Jamal. D.	Empirical Investigation and comparison of different viscosity liquids with increasing temperature	IEEE International Conference on Emerging Trends in Information Technology and Engineering ic-ETITE"20 Information Technology and Engineering, VIT, Vellore	2020	https://ieeexplore.ieee.org/abstract/document/9077677	SDG9	No
493	EIE	Conference	Murshitha Shajahan M.S.	Empirical Investigation and comparison of different viscosity liquids with increasing temperature	IEEE International Conference on Emerging Trends in Information Technology and Engineering ic-ETITE"20 Information Technology and Engineering, VIT, Vellore	2020	https://ieeexplore.ieee.org/abstract/document/9077677	SDG9	No
494	EIE	Conference	Najumnissa Jamal D	Ultrasound Renal Abnormalities detection using ANN and Scale Invariant feature Transform	2nd International Conference on Latest Trends in Engineering and Management Pondicherry, organized by IFERP	2019	https://www.technoarete.org/commom_abstract/pdf/IJSEM/v6/i10/Ex_t_92134.pdf	SDG3	No

495	EIE	Conference	Najumnissa Jamal D	Convolutional Neural Network Approach for Estimating Physiological States Involving Face Analytics	IEEE International Conference on Automatic Control and Intelligent Systems (I2CACIS 2019), Selangor, Malaysia	2019	https://ieeexplore.ieee.org/document/8825048	SDG3	YES
496	EIE	Conference	Najumnissa D	Advanced Dust Separation System In Coal Handling Plant In Thermal Power Station,	Second International Conference on Recent Trends in Science and Technology, ICRTST – organized by GKM College of Engineering & Technology & TECHOWN,	2019	9788-1-9322-1327.	SDG9	No
497	EIE	Conference	Najumnissa D	Analysis of The Effect of Different Music on Students Using ECG Signals	Second International Conference on Recent Trends in Science and Technology, ICRTST – 2019,GKM College of Engineering & Technology & TECHOWN,	2019	9788-1-9322-1327.	SDG3	No

498	EIE	Conference	D. Najumnissa	Controller Design Using BFOA For Thermal Power Plant Process,	Second International Conference on Recent Trends in Science and Technology, ICRTST – 2019, organized by GKM College of Engineering & Technology & TECHOWN,	2019	9788-1-9322-1327.	SDG9	No
499	EIE	Conference	Najumnissa D	Acquisition of Data From a Prototype Boiler Tube Leakage System and Analysis using ANN and Naive Bayes,	Second International Conference on Recent Trends in Science and Technology, ICRTST – 2019, organized by GKM College of Engineering & Technology &	2019	9788-1-9322-1327.	SDG9	No
500	EIE	Conference	Murshitha Shajahan M S	Advanced Dust Separation System In Coal Handling Plant In Thermal Power Station,	Second International Conference on Recent Trends in Science and Technology, ICRTST – organized by GKM College of Engineering & Technology & TECHOWN,	2019	9788-1-9322-1327.	SDG9	No

501	EIE	Conference	M. S. Murshitha Shajahan	Controller Design Using BFOA For Thermal Power Plant Process	Second International Conference on Recent Trends in Science and Technology, ICRTST – 2019, organized by GKM College of Engineering & Technology & TECHOWN,	2019	9788-1-9322-1327.	SDG9	No
502	EIE	Conference	Murshitha Shajahan M.S.	Acquisition of Data From a Prototype Boiler Tube Leakage System and Analysis using ANN and Naive Bayes,	Second International Conference on Recent Trends in Science and Technology, ICRTST – 2019, organized by GKM College of Engineering & Technology &	2019	9788-1-9322-1327.	SDG9	No
503	Physics	Journal	Lokanatha Reddy P., Deshmukh K., Chidambaram K., Ahamed B. , Sadasivuni K.K., Ponnamma D., Lakshmipathy R., Dayananda D., Khadheer Pasha S.K.	Effect of poly ethylene glycol (PEG) on structural, thermal and photoluminescence properties of CdO nanoparticles for optoelectronic applications,	Materials Today: Proceedings, Vol. 9, pp.175-183.	2019	https://www.sciencedirect.com/science/article/pii/S2214785319302135	SDG 7	YES

504	Physics	Journal	Mohanapriya M.K., Deshmukh K., Sadasivuni K.K., Thangamani G., Chidambaram K., Basheer Ahamed M. , Khadheer Pasha S.K.	Enhanced quality factor of polyvinyl formal (PVF) based nanocomposites filled with zinc oxide and carbon black nanoparticles for wireless sensing applications,	Materials Today: Proceedings, Vol. 9, pp.199-216.	2019	https://www.sciencedirect.com/science/article/pii/S2214785319302160	SDG 7	Yes
505	Physics	Journal	Ahmad, Jamil; Rehman, Wajahat Ur; Deshmukh, Kalim; Basha, Shaik Khadheer; Ahamed, Basheer ; Chidambaram, Kuppanna	Recent Advances in Poly (Amide-B-Ethylene) Based Membranes for Carbon Dioxide (CO ₂) Capture,	Polymer-Plastics Technology And Materials, Vol. 58, no. 4, pp.366-383.	2019	https://www.tandfonline.com/doi/abs/10.1080/03602559.2018.1482921?journalCode=lpote21	SDG 7	Yes
506	Physics	Journal	Ikram Un Nabi Lone., M. Mohamed Sheik Sirajuddeen (2019),	First-principles investigation of electronic, magnetic and half-metallic properties in Cr _{1-x} Pd _x P (x = 0.125, 0.25 and 0.375): A spin flip behavior,	The European Physical Journal Plus, Vol. 134, no. 5, pp.223.	2019	https://epjplus.epj.org/articles/epjplus/abs/2019/05/13360_2019_Article_12553/13360_2019_Article_12553.html	SDG 7	No

507	Physics	Journal	S. K. Kadheer Pasha., Deepalekshmi Ponnamma., Hemalatha Parangusan., Kalim Deshmukh., Pradip Kar., Aqib Muzaffar., Mariam Al Ali Al Maadeed., M. Basheer Ahamed (2019),	Green synthesized materials for sensor, actuator, energy storage and energy generation: a review,	Polymer Plastics Technology And Materials, Vol. 59, pp.1-62.	2019	https://www.tandfonline.com/doi/abs/10.1080/25740881.2019.1614327?journalCode=lp te21	SDG 7	Yes
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508	Physics	Journal	Aqib Muzaffar., Keerthana Muthusamy., M. Basheer Ahamed (2019),	" Ferrous nitrate-nickel oxide (Fe(NO ₃) ₂ -NiO) nanospheres incorporated with carbon black and Polyvinylidene fluoride (PVDF) for supercapacitor applications",	Journal of Electrochemical Energy Conversion and Storage, Vol. 16, no. 3, pp.6-6.	2019	https://www.researchgate.net/publication/330868431_Ferrous_nitrate-nickel_oxide_FeNO32_NiO_nanospheres_incorporated_with_carbon_black_and_Polyvinylidene fluoride_PVDF_for_supercapacitor_applications	SDG 7	No
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509	Physics	Journal	Rajendra S. Dongre., Kishor Kumar Sadasivuni., Kalim Deshmukh. , Akansha Mehta., Soumen Basu., Jostna S. Meshram., Mariam Al Ali Al-Maadeed., Alamgir Karim (2019),	"Natural polymer based composite membranes for water purification: a review",	Journal Polymer-Plastics Technology and Materials, Vol. 58, pp.1-16.	2019	https://www.tandfonline.com/doi/abs/10.1080/25740881.2018.1563116?journalCode=lp te21	SDG 6	Yes
510	Physics	Journal	P. Komalavalli., I. B. Shameem Banu. , M. Shahid Anwar (2019), "	Magnetolectric coupling of manganese ferrite–potassium niobate lead-free composite ceramics synthesized by solid state reaction method "	, Journal of Materials Science: Materials in Electronics, Vol. 30, no. 4, pp.3411-3417.	2019	http://ore.i mmmt.res.in/handle/2018/2559	SDG 7	No
511	Physics	Journal	S. Divya Lakshmi., I B. Shameem Banu (2019),	Tailoring the multiferroic properties of BiFeO ₃ by codoping Er at Bi site with aliovalent Nb, Mn and Mo at Fe site,	International Journal of Applied Ceramic Technology, Vol.16, pp.1-28.	2019	https://en.x-mol.com/p aper/article/1304546622041198592	SDG 7	No

512	Physics	Journal	Sudandararaj A.T.S., Kumar G.S., Dhivya M., Eithiraj R.D., Banu I.B.S. (2019),	"Spin reorientation transition in nanoscale multiferroic PrFeO ₃ and its band structure calculation",	Journal of Alloys and Compounds, Vol.817, pp. 152747.	2019	https://www.semantic-scholar.org/paper/Spin-reorientation-transition-in-nanoscale-PrFeO₃-Sudandararaj-Kumar/241645427ce79c1eb4e1904e9d652310f10fa86d	SDG 7	No
513	Physics	Journal	Titus Samuel Sudandararaj A., Sathish Kumar G., Dhivya M., Eithiraj R.D., Banu I.B.S. (2019),	"Band structure calculation and rietveld refinement of nanoscale GdFeO ₃ with affirmation of Jahn Teller's distortion on electric and magnetic properties",	Journal of Alloys and Compounds, Vol. 783, pp.393- 398.	2019	https://www.sciencedirect.com/science/article/abs/pii/S0925838818343342	SDG 7	No

514	Physics	Journal	D. Kanimozhi., R. Indirajith (2019),	Effects of l-Cysteine in Zinc Bis Thiourea Acetate (ZBTA) Crystal Lattice,	Journal of Electronic Materials, Vol. 48, pp.1-9.	2019	https://link.springer.com/article/10.1007/s11664-019-07259-7	SDG 7	No
515	Physics	Journal	Justin P., Anitha K., Ahamed M.B. , Vijayaraghavan G.V. (2019),	Enhanced piezoelectric, optical, mechanical, and laser damage threshold studies on creatinine doped glycine single crystals,	Journal of Materials Science: Materials in Electronics, Vol. 30, pp. 9735–9741.	2019	https://link.springer.com/article/10.1007/s10854-019-01308-x	SDG 7	No
516	Physics	Journal	Kanimozhi D., Indirajith R. (2019),	Effects of optical and dielectric properties of l-cysteine doped tris thiourea zinc sulphate single crystals,	Journal of Materials Science: Materials in Electronics, Vol. - , pp.---	2019	https://link.springer.com/article/10.1007/s10854-019-01173-8	SDG 7	No
517	Physics	Journal	Muzaffar A., Basheer Ahmed M. , Deshmukh K. (2019),	Hydrothermal synthesis of ZnWO ₄ MnO ₂ nanopowder doped with carbon black nanoparticles for high-performance supercapacitor applications,	Journal of Materials Science: Materials in Electronics, Vol. 30, no. 24, pp.21250-21258.	2019	https://link.springer.com/article/10.1007/s10854-019-02498-0	SDG 7	Yes

518	Physics	Journal	S. Sasikumar, T. K. Thirumalaisamy, S. Saravanakumar, S. Asath Bahadur, D. Sivaganesh, I. B. Shameem Banu (2019),	"Effect of neodymium doping in BaTiO ₃ ceramics on structural and ferroelectric properties",	Journal of Materials Science: Materials in Electronics, Vol. 31 no. , pp. 1535–1546.	2019	https://link.springer.com/article/10.1007/s10854-019-02670-6	SDG 7	No
519	Physics	Journal	D. Kanimozhi., S. Nandhini., R. Indirajith (2019),	"Effects of dyes in the growth, optical, mechanical and dielectric properties of KDP crystals",	Journal of Materials Science: Materials in Electronics, Vol. 30, pp.1-12	2019	https://link.springer.com/article/10.1007/s10854-019-01361-6	SDG 7	No
520	Physics	Journal	G. vijayaraghavan., M K Yaakob., M K Ahmad., M Rusop., M H Mamat., N Parimon., A S Ismail., I. B. Shameem Banu., S. Sathik basha.,	A B Suriani (2019), "Structural, optical, and electrical evolution of sol-gel-immersion grown nickel oxide nanosheet array films on aluminium doping ",	Journal of Materials Science: Materials in Electronics, Vol. 30, pp. 9916–9930.	2019	https://www.springerprofessional.de/en/structural-optical-and-electrical-evolution-of-sol-gel-immersion/16666524	SDG 7	Yes

521	Physics	Journal	P. Lokanatha Reddy., Kalim Deshmukh. , K. Chidambaram., Mohammad M. Nazeer Ali., Kishor Kumar Sadasivuni., Y. Ravi Kumar., R. Lakshmi pathy., S. K. Khadheer Pasha., Zameer Gulzar., L. Arun Raj., A. Anny Leema (2019), .	Dielectric properties of polyvinyl alcohol (PVA) nanocomposites filled with green synthesized zinc sulphide (ZnS) nanoparticles,	Journal of Materials Science: Materials in Electronics, Vol. 30, no. 5, pp.4676-4687	2019	https://link.springer.com/article/10.1007/s10854-019-00761-y	SDG 7	Yes
522	Physics	Journal	Lone I.U.N., Sheik Sirajuddeen M.M. (2019),	Investigation of structural, electronic, magnetic and half-metallic properties in ternary zinc blende CrMoO and ScMoO by GGA and GGA+U method: First principles study,	Journal of Molecular Graphics and Modelling, Vol. 95, pp. 107490.	2019	https://pubmed.ncbi.nlm.nih.gov/31753797/	SDG 7	No
523	Physics	Journal	M. Suresh Kumar, K. Rajesh, G. V. Vijayaraghavan , and S. Krishnan (2019),	Growth, optical and thermal characterization of Semiorganic crystal: Diglycine Perchlorate for second-order nonlinear optical applications,	Journal of Nonlinear Optical Physics and Materials, Vol. 28, pp. 1950023.	2019	https://www.worldscientific.com/doi/10.1142/S0218863519500231	SDG 7	No

524	Physics	Journal	Lone I.U.N., Sirajuddeen M.M.S. , Rubab S. (2019),	"A comparison study of the structural, electronic and magnetic properties in zinc-blende Pt x Cr 1-x P and Rh x Cr 1-x P (x=0.125, 0.25), and half-Heusler XCrP (X=Pt, Rh): First principles calculations",	Materials Chemistry and Physics, Vol. 230, pp.151-161.	2019	https://www.academia.edu/41060719/A_comparison_study_of_the_structural_electronic_and_magnetic_properties_in_zinc_blende_Pt_x_Cr_1_x_P_and_Rh_x_Cr_1_x_P_x_0_125_0_25_and_half_Heusler_XCrP_X_Pt_Rh_First_principles_calculations	SDG 7	No
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525	Physics	Journal	Sirajuddeen M.M.S. , Sundareswari M., Mohamed I.R., Elavarasi S.B., Lone I.N., Teli N.A., Rahmathulla S.S., Hussain M.S. (2019),	A DFT+U study to report magnetic phase transition, electronic properties and half metallic ferromagnetism in palladium oxide using Hubbard method,	Materials Chemistry and Physics, Vol. 241, pp. 122263.	2019	https://www.sciencedirect.com/science/article/abs/pii/S0254058419310788	SDG 7	No
526	Physics	Journal	Abdullah M.A.R., Mamat M.H., Ismail A.S., Malek M.F., Suriani A.B., Ahmad M.K., Shameem Banu I.B., Amiruddin R. , Rusop M. (2019),	Direct and seedless growth of Nickel Oxide nanosheet architectures on ITO using a novel solution immersion method,	Materials Letters, Vol. 236, pp.460-464	2019	https://www.sciencedirect.com/science/article/abs/pii/S0167577X18317439	SDG 7	Yes
527	Physics	Journal	R.G Geethu Mani., G.V Vijayaraghavan. , M Basheer Ahamed (2019),	Solid state distributed feedback laser using eosin blue dye,	Materials Research Express, Vol.6, pp.1-8.	2019	https://iopscience.iop.org/article/10.1088/2053-1591/ab1f51/meta	SDG 7	No
528	Physics	Journal	A Sathiya Priya1 , I B Shameem Banu , D Geetha1 and S Sanka (2019),	"Investigations of the magnetic and dielectric behaviour of (Zr, Cu) co-doped BiFeO3-BaTiO3 composite",	Materials Research Express, Vol. 6, DOI: 10.1088/2053- 1591/ab3e86	2019	https://iopscience.iop.org/article/10.1088/2053-1591/ab3e86/meta	SDG 7	No

529	Physics	Journal	M. Suresh Kumar, G. V. Vijayaraghavan , K. Rajesh & S. Krishnan (2019),	Influence of different solvents on the growth, thermal and dielectric properties of Phthalic acid single crystals,	Materials Research Innovations, pp.1-11 DOI: 10.1080/14328917.2020.1711573	2019	https://www.tandfonline.com/doi/abs/10.1080/14328917.2020.1711573	SDG 7	No
530	Physics	Journal	Wilson K.C., Basheer Ahamed M. (2019),	Influence of bath temperature on surface modification and optoelectronic properties of chemical bath deposited CdS thin film nanostructures,	Materials Science and Engineering B: Solid-State Materials for Advanced Technology, Vol. 251, pp 114444.	2019	https://www.sciencedirect.com/science/article/pii/S0921510719302478	SDG 7	No
531	Physics	Journal	Ponnamma D., Cabibihan J.-J., Rajan M., Pethaiah S.S., Deshmukh K., Gogoi J.P., Pasha S.K.K., Ahamed M.B. , Krishnegowda J., Chandrashekar B.N., Polu A.R., Cheng C. (2019),	Synthesis, optimization and applications of ZnO/polymer nanocomposites,	Materials Science and Engineering C, Vol. 98, pp.1210-1240.	2019	https://www.sciencedirect.com/science/article/pii/S0928493118315856	SDG 7	Yes

532	Physics	Journal	Yusoff M.M., Mamat M.H., Abdullah M.A.R., Ismail A.S., Malek M.F., Zoolfakar A.S., Al Junid S.A.M., Suriani A.B., Mohamed A., Ahmad M.K., Shameem Banu I.B. , Rusop M. (2019),	Coupling heterostructure of thickness-controlled nickel oxide nanosheets layer and titanium dioxide nanorod arrays via immersion route for self-powered solid-state ultraviolet photosensor applications,	Measurement: Journal of the International Measurement Confederation, Vol. 149, no. , pp.- 106982.	2019	https://www.semantic scholar.org/paper/Coupling-heterostructure-of-thickness-controlled-Yusoff-Mamat/a1def1d92c988e6110c905c3887cc1af3e6838bb	SDG 7	Yes
533	Physics	Journal	Ismail A.S., Mamat M.H., Shameem Banu I.B. , Amiruddin R., Malek M.F., Parimon N., Zoolfakar A.S., Md. Sin N.D., Suriani A.B., Ahmad M.K., Rusop M. (2019),	Structural modification of ZnO nanorod array through Fe-doping: Ramification on UV and humidity sensing properties,	Nano-Structures and Nano-Objects, Vol. 18, pp 1-10.	2019	https://www.sciencedirect.com/science/article/pii/S2352507X18305225	SDG 7	Yes

534	Physics	Journal	Muthusamy K., Muzaffar A., M. Basheer Ahmed. (2019),	"Synthesis and characterization of Fe(NO ₃) ₂ -NiO composite as a photocatalyst for degradation of methylene blue dye under UV-irradiation"	, Optik, Vol. 177, pp.36-45	2019	https://www.semantic scholar.org/paper/Synthesis-and-characterization-of-Fe(NO₃)₂-NiO-as-a-Muthusamy-Muzaffar/98f6904f6172ccf2293d19999b65aef8b7975876	SDG 6	No
535	Physics	Journal	Kalim Deshmukh., M. Basheer Ahamed. , Kishor Kumar Sadasivuni., Prosenjit Saha., Jaideep Adhikari., John Cabibihan (2019),	Recent advances in mechanical properties of biopolymer composites: a review,	Polymer Composites, Vol. 41 , no. , pp.-1-28	2019	https://onlinelibrary.wiley.com/doi/abs/10.1002/pc.25356	SDG 7	Yes

536	Physics	Journal	Aqib Muzaffar., M. Basheer Ahamed. , Kalim Deshmukh, Mohammad Faisal (2019),	Electromagnetic interference shielding properties of polyvinylchloride (PVC), barium titanate (BaTiO ₃) and nickel oxide (NiO) based nanocomposites,	Polymer Testing, Vol. 77, pp.1-7.	2019	https://www.sciencedirect.com/science/article/pii/S0142941819304404	SDG 7	Yes
537	Physics	Journal	Muzaffar A., Ahamed M.B. , Deshmukh K., Thirumalai J. (2019),	"A review on recent advances in hybrid supercapacitors: Design, fabrication and applications",	Renewable and Sustainable Energy Reviews, Vol. 101, pp.123-145.	2019	https://www.sciencedirect.com/science/article/pii/S1364032118307299	SDG 7	Yes
538	Physics	Journal	Parimon N., Mamat M.H., Ismail A.S., Shameem Banu I.B. , Ahmad M.K., Suriani A.B., Rusop M. (2019),	Influence of annealing temperature on the sensitivity of nickel oxide nanosheet films in humidity sensing applications,	Indonesian Journal of Electrical Engineering and Computer Science, Vol. 18, no. 1, pp.284-292.	2019	http://ijeecs.iaescore.com/index.php/IJECS/article/view/21119	SDG 7	Yes

539	Physics	Journal	Viswaprakash Babu, S. Sathik Basha , Y. Mohamed Shuaib ¹ , M. Manikandan ² , S. Syed Enayathali ⁴ (2019),	"A Novel Integration of Solar Fed Dynamic Voltage Restorer for Compensating Sag and Swell Voltage in Distribution System Using Enhanced Space Vector Pulse Width Modulation (ESVPWM)",	Universal Journal of Electrical and Electronic Engineering, Vol. 6, no. 5, pp.329-350.	2019	https://www.semantic scholar.org/paper/A-Novel-Integration-of-Solar-Fed-Dynamic-Voltage-in-Babu-Basha/54b5cb0af59df39524fd9a04885da204392adbac	SDG 7	No
540	Physics	Journal	H. Shameem Banu and P. S. Sheik Uduman (2019),	Analytical and numerical study of chaos synchronization in SC-CNN based nonautonomous system,	AIP Conference Proceedings, Vol. 2142, no. 1, pp.110018-110018.	2019	https://aip.scitation.org/doi/10.1063/1.5122478	SDG 7	No
541	Physics	Journal	Muzaffar A., Ahamed M.B. (2019),	Iron molybdate and manganese dioxide microrods as a hybrid structure for high-performance supercapacitor applications,	Ceramics International, Vol. 45, no. 3, pp.4009-4015.	2019	https://www.x-mol.com/paper/889851?recommend	SDG 7	No

542	Physics	Journal	Teli N.A., Mohamed Sheik Sirajuddeen M. (2019),	Half-metallic ferromagnetism in Tc and Ag doped MgO: An ab-initio study,	Computational Condensed Matter, Vol. 20, pp. e00386.	2019	https://www.semantic scholar.org/paper/Half-metallic-ferromagnetism-in-Ag-doped-ZnO%3A-An-ab-Li-Li/66af41cef7014147b49ae47e484dab1ef8440291	SDG 7	No
543	Physics	Journal	Sundareswari M., Sirajuddeen M.M.S. , Mohamed I.R., Elavarasi S.B., Nabi Lone I.U., Teli N.A., Rahmathulla S., Hussain M.S. (2019),	Effect of hydrostatic pressure and the emergence of half metallic ferromagnetism in rhodium oxide - A DFT+U perspective,	Computational Condensed Matter, Vol. 21, no. , pp.- e00425.	2019	https://www.sciencedirect.com/science/article/abs/pii/S2352214319302710	SDG 7	No

544	Physics	Journal	Aqib Muzaffar, M. Basheer Ahamed , Kalim Deshmukh and S. K. Khadheer Pasha (2020),	Dielectric properties and electromagnetic interference shielding studies of nickel oxide and tungsten oxide reinforced polyvinylchloride nanocomposites,	Polymer-Plastics Technology and Materials, pp.1-12 (DOI: DOI: 10.1080/25740881.2020.1759634)	2020	https://www.tandfonline.com/doi/abs/10.1080/25740881.2020.1759634?journalCode=lpote21	SDG 7	Yes
545	Physics	Journal	S. K. Kadheer Pasha., Deepalekshmi Ponnamma., Hemalatha Parangusan., Kalim Deshmukh., Pradip Kar., Aqib Muzaffar., Mariam Al Ali Al Maadeed., M. Basheer Ahamed (2020),	Green synthesized materials for sensor, actuator, energy storage and energy generation: a review,	Polymer Plastics Technology And Materials, vol. 59, pp.1-62.	2020	https://www.tandfonline.com/doi/full/10.1080/25740881.2019.1614327	SDG 7	Yes
546	Physics	Journal	Sudandararaj A.T.S., Kumar G.S., Dhivya M., Eithiraj R.D., Banu I.B.S. (2020),	"Spin reorientation transition in nanoscale multiferroic PrFeO3 and its band structure calculation",	Journal of Alloys and Compounds, Vol. 817, pp. 152747	2020	https://www.sciencedirect.com/science/article/abs/pii/S0925838819339933	SDG 7	No

547	Physics	Journal	Asif Rasool, R. Amiruddin , Shahnaz Kossar, and M. C. Santhosh Kumar (2020),	Realization of In:ZnO/PEDOT:PSS based multifunctional device for ultraviolet (UV) light detection and resistive switching memory applications,	Journal of Applied Physics, Vol. 128, no. 4, pp.- 044503.	2020	https://aip.scitation.org/doi/abs/10.1063/5.0009960	SDG 7	No
548	Physics	Journal	Kalim Deshmukh., Priyanka Rani., M. Basheer Ahamed (2020),	Electromagnetic interference shielding properties of graphene quantum dots reinforced poly(vinyl alcohol)/polypyrrole blend nanocomposites,	Journal of Applied Polymer Science, (DOI: 10.1002/app.49392)	2020	https://onlinelibrary.wiley.com/doi/abs/10.1002/app.49392	SDG 7	No
549	Physics	Journal	Kossar S., Banu I.B.S., Aman N., Amiruddin R. (2020),	Investigation on photocatalytic degradation of crystal violet dye using bismuth ferrite nanoparticles,	Journal of Dispersion Science and Technology, (DOI: 10.1080/01932691.2020.1806861)	2020	https://www.tandfonline.com/doi/abs/10.1080/01932691.2020.1806861?journalCode=ldis20	SDG 6	No

550	Physics	Journal	Ahmad Teli N., Mohamed Sheik Sirajuddeen M. (2020),	Effect of 3d transition metal atoms in SrO to predict half-metallic ferromagnetism: A first principles study,	Journal of Magnetism and Magnetic Materials, Vol. 511, pp.-166829.	2020	https://www.semantic scholar.org/paper/Effect-of-3d-transition-metal-atoms-in-SrO-to-A-Teli-Sirajuddeen/e2e83787bc805f3ae17fb60c1bc797bc16255d6c	SDG 7	No
551	Physics	Journal	S SasiKumar., T K Thirumalaisamy., S Saravanakumar., S Asath Bahadur., D Sivaganesh., I. B. Shameem Banu (2020),.	"Effect of neodymium doping in BaTiO3 ceramics on structural and ferroelectric properties",	Journal of Materials Science: Materials in Electronics, Vol.31 , pp.-1535–1546	2020	https://link.springer.com/article/10.1007/s10854-019-02670-6	SDG 7	No

552	Physics	Journal	Asif Rasool., M C Santhosh Kumar., M H Mamat., C Gopalakrishnan., R. Amiruddin (2020),	Analysis on diferent detection mechanisms involved in ZnOâ€™based photodetector and photodiodes,	Journal of Materials Science: Materials in Electronics, Vol.31, pp. 7100–7113.	2020	https://www.springerprofessional.de/en/analysis-on-different-detection-mechanisms-involved-in-zno-based/17841732	SDG 7	No
553	Physics	Journal	N. Parimon, M. H. Mamat, I. B. Shameem Banu, N. Vasimalai, M. K. Ahmad, A. B. Suriani, A. Mohamed & M. Rusop (2020),	Fabrication, structural, optical, electrical, and humidity sensing characteristics of hierarchical NiO nanosheet/nanoball-flower-like structure films,	Journal of Materials Science: Materials in Electronics, Vol. 31, pp.- 11673–11687.	2020	https://link.springer.com/article/10.1007%2Fs10854-020-03719-7	SDG 7	Yes

554	Physics	Journal	Lone I.U.N., Sheik Sirajuddeen M.M. (2020)	, "Investigation of structural, electronic, magnetic and half-metallic properties in ternary zinc blende CrMoO and ScMoO by GGA and GGA+U method: First principles study",	Journal of Molecular Graphics and Modelling, Vol. 95, pp. 107490.	2020	https://www.sciencedirect.com/science/article/abs/pii/S1093326319307764	SDG 7	No
555	Physics	Journal	Nazir Ahmad Teli., M.Mohamed Sheik Sirajudeen Abdullah (2020),	"The Origin of Half-Metallicity in SrO Doped with Transition Metal Atoms Silver and Gold: a First Principles Calculations",	Journal of Superconductivity and Novel Magnetism, Vol.33, 2795–2800.	2020	https://link.springer.com/article/10.1007/s10948-020-05532-z	SDG 7	No
556	Physics	Journal	Sirajuddeen M.M.S. , Sundareswari M., Mohamed I.R., Elavarasi S.B., Lone I.N., Teli N.A., Rahmathulla S.S., Hussain M.S. (2020),	"A DFT+U study to report magnetic phase transition, electronic properties and half metallic ferromagnetism in palladium oxide using Hubbard method",	Materials Chemistry and Physics, Vol. 241, no. , pp. 122263.	2020	https://www.sciencedirect.com/science/article/abs/pii/S0254058419310788	SDG 7	No

557	Physics	Journal	Syed Rahmathulla S., Mohamed Sheik Sirajuddeen M. (2020),	Nitrogen induced half metallic ferromagnetism in oxides of calcium and cadmium: A DFT perspective,	Materials Chemistry and Physics, Vol. 243. 122336.	2020	https://www.sciencedirect.com/science/article/abs/pii/S0254058419311514	SDG 7	No
558	Physics	Journal	M. Z. Musa, M. H. Mamat, N. Vasimalai, I. B. S. Banu , M. F. Malek, Mohd Khairul Ahmad, A. B. Suriani, A. Mohamed, M. Rusop (2020),	"Fabrication and structural properties of flower-like TiO ₂ nanorod array films grown on glass substrate without FTO layer",	Materials Letters, Vol. 273, pp. 127902.	2020	https://www.sciencedirect.com/science/article/abs/pii/S0167577X20306078	SDG 7	Yes
559	Physics	Journal	Mamat M.H., Parimon N., Ismail A.S., Shameem Banu I.B. , Sathik Basha S., Rani R.A., Zoolfakar A.S., Malek M.F., Suriani A.B., Ahmad M.K., Rusop M. (2020),	Synthesis, structural and optical properties of mesostructured, X-doped NiO (x = Zn, Sn, Fe) nanoflake network films,	Materials Research Bulletin, Vol. 127, no. , pp. 110860.	2020	https://www.sciencedirect.com/science/article/abs/pii/S0025540818338601	SDG 7	Yes

560	Physics	Journal	M H Mamat., N Gopinathan., S. Sathik basha., I. B. Shameem Banu., M.Mohamed Sheik Sirajudeen Abdullah (2020),	Solvents driven structural, morphological, optical and dielectric properties of lead free perovskite CH ₃ NH ₃ SnCl ₃ for optoelectronic applications: Experimental and DFT study,	Materials Research Express, Vol.6, pp.- 125921.	2020	https://iopscience.iop.org/article/10.1088/2053-1591/ab6a47	SDG 7	Yes
561	Physics	Journal	Priyanka Rani, M Basheer Ahamed and Kalim Deshmukh (2020),	Dielectric and electromagnetic interference shielding properties of carbon black nanoparticles reinforced PVA/PEG blend nanocomposite films,	Materials Research Express, Vol. 7, pp.064008.	2020	https://iopscience.iop.org/article/10.1088/2053-1591/ab9853	SDG 7	No
562	Physics	Journal	M Suresh Kumar., G. Vijayaraghavan., K Rajesh., S Krishnan (2020),	"Influence of different solvents on the growth, thermal and dielectric properties of Phthalic acid single crystals",	Materials Research Innovations, pp.1-11 (DOI: 10.1080/14328917.2020.1711573)	2020	https://www.tandfonline.com/doi/abs/10.1080/14328917.2020.1711573	SDG 7	No

563	Physics	Journal	Yusoff M.M., Mamat M.H., Abdullah M.A.R., Ismail A.S., Malek M.F., Zoolfakar A.S., Al Junid S.A.M., Suriani A.B., Mohamed A., Ahmad M.K., Shameem Banu I.B. , Rusop M. (2020),	Coupling heterostructure of thickness-controlled nickel oxide nanosheets layer and titanium dioxide nanorod arrays via immersion route for self-powered solid-state ultraviolet photosensor applications,	Measurement: Journal of the International Measurement Confederation, Vol. 149, pp. 106982	2020	https://ui.adsabs.harvard.edu/abs/2020Meas..14906982Y/abstract	SDG 7	Yes
564	Physics	Journal	Teli N.A., Sirajuddeen M.M.S. (2020),	First-principles calculations of the electronic, magnetic and optical properties of rhenium-doped alkaline earth oxides,	Physica Scripta, Vol. 95, pp. 025801.	2020	https://iopscience.iop.org/article/10.1088/1402-4896/ab40ed/meta	SDG 7	No
565	Physics	Journal	Teli N.A., Mohamed Sheik Sirajuddeen M. (2020),	A DFT study of the structural, elastic, electronic and magnetic properties of new quaternary compounds TiHfOsX(Al,Ga,In),	Physics Letters, Section A: General, Atomic and Solid State Physics, Vol. 384, pp. 126793.	2020	https://www.sciencedirect.com/science/article/pii/S0375960120306605	SDG 7	No

566	Physics	Journal	Kalim Deshmukh., M. Basheer ahamed. , Kishor Kumar Sadasivuni., Prosenjit Saha., jaideep adhikari., john cabibihan (2020),	Recent advances in mechanical properties of biopolymer composites: a review,	Polymer Composites, (DOI: 10.1002/pc.25356)	2020	https://onlinelibrary.wiley.com/doi/abs/10.1002/pc.25356	SDG 7	Yes
567	Physics	Journal	Rani P., Ahamed M.B. , Deshmukh K. (2020), .	Significantly enhanced electromagnetic interference shielding effectiveness of montmorillonite nanoclay and copper oxide nanoparticles based polyvinylchloride nanocomposites,	Polymer Testing, Vol. 91, no. -, pp. 106744	2020	https://www.sciencedirect.com/science/article/pii/S0142941820318444	SDG 7	No
568	Physics	Journal	Teli N.A., Sirajuddeen M.M.S. , Lone I.U.N. (2020),	Effect of halogens in MgO to predict half-metallic ferromagnetism: By first principles calculations,	Solid State Sciences, Vol. 99, pp. 106048	2020	https://www.sciencedirect.com/science/article/abs/pii/S1293255819312324	SDG 7	No

569	Physics	Journal	Asif Rasool, R. Amiruddin , I. Raja Mohamed, M.C. Santhosh Kumar (2020),	Fabrication and characterization of resistive random access memory (ReRAM) devices using molybdenum trioxide (MoO ₃) as switching layer,	Superlattices and Microstructures, Vol. 147, pp. 106682.	2020	https://www.sciencedirect.com/science/article/pii/S0749603620312301	SDG 7	No
570	Physics	Journal	Abhirami S., Sathik Basha S. (2020),	Phase stabilization and effect of trivalent lanthanide substitution on Dy ₂ FeMnO ₆ double perovskite compounds,	Vacuum, Vol. 177, pp. 109412.	2020	https://www.sciencedirect.com/science/article/abs/pii/S0042207X20302499	SDG 7	No
571	Physics	Journal	R.Senthil, G.Vijayaragavan , A.Ayeshamariam, K.Kaviyarasu, (2020),	Nonlinear optical properties of single crystal of L-OOMHCL incorporation with Glycine Oxalic Acid (GOA) with high chemical stability for optoelectronic applications,	Surfaces and Interfaces, Vol. 18, no. , pp. 100417.	2020	https://www.sciencedirect.com/science/article/pii/S2468023019304195	SDG 7	No

572	Physics	Journal	Elavarasi S.B., Divya S., Vishnu Priya M., Sheik Sirajuddeen M. (2020), .	NMR, magnetic and electronic investigations of fluorinated nanotubes with different coverage of fluorine,	Chemical Physics Letters, Vol. 742, no. -, pp. 137142	2020	https://www.sciencedirect.com/science/article/pii/S009261420300579	SDG 7	No
573	Physics	Journal	V. Ashwin, Mohamed Sheik Sirajuddeen M, M. Basheer Ahamed & S. Begam Elavarasi, (2020),	Structural, electronic, magnetic and half-metallic properties of cubic perovskites NaBeO ₃ and KBeO ₃ using PBE-GGA and TB-mBJ approach: A DFT perspective,	Applied Physics A: Materials Science and Processing, Vol. 126, no. 11, pp.1-1	2020	https://link.springer.com/article/10.1007/s00339-020-03977-6	SDG 7	No
574	Physics	Journal	Priyanka Rani, M. Basheer Ahamed & Kalim Deshmukh (2020),	Structural, dielectric and EMI shielding properties of polyvinyl alcohol/chitosan blend nanocomposites integrated with graphite oxide and nickel oxide nanofillers,	Journal of Materials Science: Materials in Electronics, Vol. , no. , pp.1-16.	2020	https://link.springer.com/article/10.1007/s10854-020-04855-w	SDG 7	No

575	Physics	Journal	Priyanka Rani, M. Basheer Ahamed, Kalim Deshmukh (2020),	Dielectric and electromagnetic interference shielding properties of zeolite 13X and carbon black nanoparticles based PVDF nanocomposites, Journal of	Applied Polymer Science, Vol. , no. , pp.	2020	https://onlinelibrary.wiley.com/doi/full/10.1002/app.50107	SDG 7	No
576	Physics	Journal	Mohamad Hafiz Mamat, Norfarariyanti Parimon, Ahmad Sabirin Zoolfakar, Abdul Hadi Abdul Razak, IB Banu, Mohamad Rusop	The Effect of Annealing Temperature on Spin-Coated Zn-doped NiO film for humidity sensing applications	Journal of Electrical & Electronic Systems Research (JEESR) 16 (100-105)	2020	https://ir.uim.edu.my/id/eprint/42158/	SDG 7	Yes
577	Physics	Journal	N Parimon, MH Mamat, AS Zoolfakar, MF Malek, IB Banu	Deposition of NiO thin films by sol-gel spin coating: effect of annealing temperature on structural, optical and electrical properties	Journal of Electrical & Electronic Systems Research (JEESR) 16, 28-34	2020	https://ir.uim.edu.my/id/eprint/42157/	SDG 7	No

578	Physics	Journal	S Abhirami, SS Basha	Phase stabilization and effect of trivalent lanthanide substitution on Dy ₂ FeMnO ₆ double perovskite compounds	Vacuum 177, 109412	2020	https://www.sciencedirect.com/science/article/abs/pii/S0042207X20302499	SDG 7	No
579	Physics	Journal	S Kossar, R Amiruddin , A Rasool, NV Giridharan, D Dhayanithi, ...	Ferroelectric polarization induced memristive behavior in bismuth ferrite (BiFeO ₃) based memory devices	Superlattices and Microstructures 148, 106726	2020	https://www.sciencedirect.com/science/article/pii/S0749603620312751?dgcid=rss_sd_article	SDG 7	No
580	Physics	Journal	NA Teli, MMS Sirajuddeen	A DFT study of the structural, elastic, electronic and magnetic properties of new quaternary compounds TiHfOsX (Al, Ga, In)	Physics Letters A 384 (32), 126793	2020	https://www.sciencedirect.com/science/article/pii/S0375960120306605	SDG 7	No

581	Physics	Journal	K Deshmukh, T Kovářik, A Muzaffar, MB Ahamed , SKK Pasha	Mechanical analysis of polymers	Polymer Science and Innovative Applications, 117-152	2020	https://www.sciencedirect.com/science/article/pii/B978012816808000044	SDG 7	Yes
582	Pharm	Conference	S M Shaheedha	Invitro Cellular Reprogramming and Antioxidant potential of Herbal drug: Fumaria officinalis	IRCPAS 2020	2020		SDG6 Agriculture	No
583	Pharm	Conference	Sowmyalakshmi Venkataraman & Anju Chadha	Whole cells mediated biocatalytic reduction of Beta- keto esters: Preparation of optically enriched alkyl 2- hydroxypropanoates	International Conference on Emerging Trends in Biotechnology (ICETB)	2020	-	Environme ntally sound technologi es (SDG 9)	No
584	Pharm	Conference	Prakash R, Ramanathan.	Protective effect of non selective COX inhibitor in Lipopolysaccharide induced neuroinflammation rats through NFκB pathway.	International Conference on Emerging Trends in Biotechnology (ICETB)	2020		SDG3	No

585	Pharm	Journal	SM, Shaheedha; Prasad M, Vijaya Vara	Clinical findings of Sydenham's chorea and comparison of the efficacy of sodium valproate and carbamazepine drug use	International Journal of Research in Pharmaceutical Sciences	2019	https://pharmascope.org/index.php/ijrps/article/view/24	SDG 3Mental health	No
586	Pharm	Journal	SM, Shaheedha; Vara Prasad M, Vijaya	Investigation for assessing dengue in children with their clinical presentations	International Journal of Research in Pharmaceutical Sciences		https://pharmascope.org/index.php/ijrps/article/view/25	SDG3 Malaria	No
587	Pharm	Journal	Shaheedha SM, Hemalatha	S, Anti-ulcer activity of methanol extract of Tectona grandis Linn	International Research Journal of Pharmaceutical and Applied Sciences	2020	http://dx.doi.org/10.26452/irjpas.v10i1.1210	SDG3 Reducing Mortality	No
588	Pharm	Journal	Hemalatha S, Shaheedha SM	Comparative anti-inflammatory evaluation of five plants of Solanaceae members	International Journal of Pharmacometrics and Integrated Biosciences	2020	http://dx.doi.org/10.26452/ijpib.v5i1.1209	SDG3 Reducing Mortality	No

589	Pharm	Journal	Shaheedha S M , Hemalatha S, Ramakrishna Borra	Evaluate the Potency of Misoprostol for Management of Postpartum Hemorrhage in Maternal Women,	International Journal Of Research In Pharmaceutical Sciences	2020	http://dx.doi.org/10.26452/ijrps.v11i3.2746	SDG3 Reducing Mortality	No
590	Pharm	Journal	Brito Raj S, Boukary Obedoulaye, Sucharitha P, Saritha M, Shaheedha S.M , Srikanth P and BhaskarReddy K	Green Synthesis of polyherbal Silver nanoparticles from Rosa Gallia officinalis, Citrus sinuses and Solanum tuberosum Extract for antioxidant activity	International Journal of Research in Pharmaceutical Sciences	2020	https://doi.org/10.26452/ijrps.v11i4.3800	SDG3 Reducing Mortality	No

592	Pharm	Journal	Ismail.Y,Haja Nazeer Ahamed, Vijaya Vara Prasad.M	Retrospective analysis of symptoms and outcomes of snake bite cases	International Journal of Research in pharmaceutical Sciences	2020	https://www.pharmascope.org/index.php/ijrps/article/view/1935	Agriculture	No
593	Pharm	Journal	Parthiban R, Sathish, Surendhar, Prakash R.	Design and evaluation of acyclovir-loaded solid lipid nanoparticles for sustained release.	Drug invention Today	2020		SDG 3	No
594	Pharm	Journal	Prakash R*, Panneerselvam P, Dhivya R, Parthiban R, Subash V.	Amelioration of Cognitive Deficits, Oxidative Damage, Neurochemical Alteration by Bauhinia purpurea (stem bark) on Scopolamine Induced Amnesia	Journal of Young Pharmacists.	2020		SDG 3	No
595	Pharm	Journal	Chong Shi Thian, Haja Nazeer Ahamed, Ismail Yusuf, Che Mohd Nasril, Mustapha Muzaimi	Neuroprotective effect of Agomelatine in Rat model of Psychosis: Behavioural and Histological Evidence	Journal of Affective Disorders Report	2021	https://www.sciencedirect.com/science/article/pii/S2666915320300706	Mental Health	Yes

596	Pharm	Journal	Ismail Y, Haja Nazeer Ahamed, Vijaya Vara Prasad	Developing Literacy and Providing health information to reduce inequality of health in adults in southern part of India		2020	https://www.pharmascope.org/index.php/ijrps/article/view/4532/12641	Literacy Skills	NO
597	Pharm	Journal	Narayanaswamy Harikrishnan, Vjaya Vara Prasad M , Gejalakshmi Subramanian, BabuS,	Stability indicating RP-HPLC method development and validation for the simultaneous estimation of Pibrentasvir and Glecaprevir in bulk and pharmaceutical dosage form, International Journal of Research in Pharmaceutical Sciences,	Internatuional Journal of Pharmaceutical Sciences	2019		Literacy Skills	No