

## **17.3.17 a – Progress against SDG17 – Partnership for the Goals**

## University as a body initiate and participate in cross-sectoral dialogue about the SDGs - MoU with various Organizations

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1	Ford (I) Pvt. Ltd.,	Department of Automobile Engineering	2018-20	2 year	Donation of used cars and few diesel and gasoline engines for the pupose of imparting students training	SDG 4
2	Anjum Hami-E-Muslimeen	BSACIST	2018-19	3 Years	1) Organizing faculty development programs to enhance academic knowldge and skills 2) Exchange of infoamation on teaching, learning materials and other literature, 3) Organizing short-term continuing education programs, seminars, conferences and workshops on the topics of mutual interest 4) Submission of research and training programs sponsored by funding agencies Exchange students at UG, PG and PhD level	SDG 4, SDG 9 and SDG 17

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3	Kyungdong University	BSACIST	2018-19	5 Years	Exchange of students and 70% scholarship of the tuition fees (1 semester)	SDG 4 and SDG 5
4	Holly cross College, Tiruchirapalli	BSACIST	2018-19	3 Years	1) Joint research 2) Exchange of faculties for research, teaching and collaboration 3) Exchange of students for study and research 4) Exchange of information related to research	SDG 4, SDG 9 and SDG 17
5	Bio Engineering major division Bioengineering Incheon national university, Republic of Korea	BSACIST	2018-19	3 Years	1) Joint research 2) Exchange of faculties for research, teaching and collaboration 3) Exchange of students for study and research 4) Exchange of information related to research	SDG 4, SDG 17
6	Annavarshini Foods LLP	School of Life Sciences, BSACIST	2018-19	3 Years	1) Joint research 2) Exchange of faculties and staff for research, teaching 3) Exchange of students for study and research 4) access to various research facilities of the institutions by collaborating faculty and students	SDG 4, SDG 17

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7	Center for surface technology and applications korea aerospace University, Republic of Korea	Department of Aerospace Engineering, BSACIST	2018-19	3 Years	1) Joint research 2) Exchange of faculties and staff for research, teaching 3) Exchange of students for study and research 4) access to various research facilities of the institutions by collaborating faculty and students	SDG 4, SDG 17
8	ACRE -Alliance for Critical Regionalism Pvt Ltd	CIIC	2018-19	1 Year	1) Promotion of partnership with new technology entrepreneurs and start up companies 2) CIIC provide incubation services to different startups in the knowledge and technology based area 3) Necessary facilities and infrastructure to the companies	SDG 9, SDG 17
9	Agri Green House Solution Pvt Ltd	CIIC	2018-19	1 Year	1) Promotion of partnership with new technology entrepreneurs and start up companies 2) CIIC provide incubation services to different startups in the knowledge and technology based area 3) Necessary facilities and infrastructure to the companies	SDG 9, SDG 17
10	Aindra Labs Private Ltd	CIIC	2018-19	1 Year	1) Promotion of partnership with new technology entrepreneurs and start up companies 2) CIIC provide incubation services to different startups in the knowledge and technology based area 3) Necessary facilities and infrastructure to the companies	SDG 9, SDG 17

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11	Basil Energetic Pvt Ltd, Chennai	Department of EEE, BSACIST	2018-19	3 Years	<ol style="list-style-type: none"> <li>1. Pursuing Research and Development in the above area and Energy Efficiency using DC appliances.</li> <li>2. Interacting closely with the industry in the relevant field to establish a long term association to benefit the students and the teaching staff who are specialising in the area to gain practical experience and enhance their</li> </ol>	SDG 7, SDG 17
12	Chennai Liver Foundation	CIIC	2018-19	2 Years	To exchange of research experience and the organisation of joint activities, in close collaboration.	SDG 4, SDG 17
13	Dhanvantri Biomedical Pvt Ltd	CIIC	2018-19	1 Year	<ol style="list-style-type: none"> <li>1) Promotion of partnership with new technology entrepreneurs and start up companies</li> <li>2) CIIC provide incubation services to different startups in the knowledge and technology based area</li> <li>3) Necessary facilities and infrastructure to the companies</li> </ol>	SDG 9, SDG 17
14	Farmagain Agro Private Limited	BSACIST	2018-19	1 Year	<ol style="list-style-type: none"> <li>1) Promotion of partnership with new technology entrepreneurs and start up companies</li> <li>2) CIIC provide incubation services to different startups in the knowledge and technology based area</li> <li>3) Necessary facilities and infrastructure to the companies</li> </ol>	SDG 9, SDG 17

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15	Frutunes Food Products Pvt Ltd	BSACIST	2018-19	1 Year	1) Promotion of parterniship with new technology entrepreneurs and start up companies 2) CIIC provide incubation services to different startups in the knowledge and technology based area 3) Necessary facilities and infrastructure to the companies	SDG 9, SDG 17
16	Greenflora Biosciences Pvt Ltd	BSACIST	2018-19	1 Year	1) Promotion of parterniship with new technology entrepreneurs and start up companies 2) CIIC provide incubation services to different startups in the knowledge and technology based area 3) Necessary facilities and infrastructure to the companies	SDG 9, SDG 17
17	Guru Angad Dev Teaching Learning Centre of MHRD & Centre for e- Learning, SGTB Khalsa College, Delhi	BSACIST	2018-19	2 Years	"Centre for e-Learning (CFEL) in six subjects namely Chemistry, Commerce, Forensic Science, Economics, Psychology and Business Economics.	SDG 9, SDG 17
18	Impensus Electronics Pvt.Ltd	BSACIST	2018-19	1 Year	1) Promotion of parterniship with new technology entrepreneurs and start up companies 2) CIIC provide incubation services to different startups in the knowledge and technology based area 3) Necessary facilities and infrastructure to the companies	SDG 9, SDG 17

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19	Jothna Software Solutions Pvt Ltd	BSACIST	2018-19	1 Year	1) Promotion of parterniship with new technology entrepreneurs and start up companies 2) CIIC provide incubation services to different startups in the knowledge and technology based area 3) Necessary facilities and infrastructure to the companies	SDG 9, SDG 17
20	Kankyo Cleantech (India) Pvt Ltd	BSACIST	2018-19	2 Years	Students and Research scholar to take up research activities on full time basis. Waste Management segment as pilot units :- 1. Mira-Carbon based STP for water recyling -To be installed in Department of Civil Engineering. 2. Bio-Box for organic waste to biogas conversion - To be installed in Department of Chemistry. 3. Pyrolysis reactor for plactic and other feed stocks -	SDG 6, SDG 9, SDG 17
21	Kardle Industries Pvt Ltd	BSACIST	2018-19	1 Year	1) Promotion of parterniship with new technology entrepreneurs and start up companies 2) CIIC provide incubation services to different startups in the knowledge and technology based area 3) Necessary facilities and infrastructure to the companies	SDG 9, SDG 17
22	Madiee Games Pvt Ltd	BSACIST	2018-19	1 Year	1) Promotion of parterniship with new technology entrepreneurs and start up companies 2) CIIC provide incubation services to different startups in the knowledge and technology based area 3) Necessary facilities and infrastructure to the companies	SDG 9, SDG 17

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23	Meiyur Education and Skill Development Private Limited	BSACIST	2018-19	1 Year	1) Promotion of partnership with new technology entrepreneurs and start up companies 2) CIIC provide incubation services to different startups in the knowledge and technology based area 3) Necessary facilities and infrastructure to the companies	SDG 9, SDG 17
24	Mili Institute of Higher Education, Afghanistan	BSACIST	2018-19	5 Years	Students and faculties contribution to increase international co-operation on PG programmes, Ph.D programmes , Intergrated Ph.D programmes and Research 2. To support the MIHE in Educational Development process 3. Cooperate in the exchange of information relating to their activities in teaching and research in the field of mutual interest.	SDG 9, SDG 17
25	Mirrar Innovation Technologies Private Limited	BSACIST	2018-19	1 Year	1) Promotion of partnership with new technology entrepreneurs and start up companies 2) CIIC provide incubation services to different startups in the knowledge and technology based area 3) Necessary facilities and infrastructure to the companies	SDG 9, SDG 17
26	Onium Life Science Limited	BSACIST	2018-19	1 Year	1) Promotion of partnership with new technology entrepreneurs and start up companies 2) CIIC provide incubation services to different startups in the knowledge and technology based area 3) Necessary facilities and infrastructure to the companies	SDG 9, SDG 17



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27	Pathfinder Enterprise Solutions Pvt Ltd	BSACIST	2018-19	2 Years	Students enrolled and training by D'LABS on Data Science Certification program	SDG 9, SDG 17
28	Precilbz Techno Private Limited	BSACIST	2018-19	1 Year	<ol style="list-style-type: none"> <li>1) Promotion of partnership with new technology entrepreneurs and start up companies</li> <li>2) CIIC provide incubation services to different startups in the knowledge and technology based area</li> <li>3) Necessary facilities and infrastructure to the companies</li> </ol>	SDG 9, SDG 17
29	Precise 3D Metrology and Design Solutions Pvt Ltd	BSACIST	2018-19	1 Year	<ol style="list-style-type: none"> <li>1) Promotion of partnership with new technology entrepreneurs and start up companies</li> <li>2) CIIC provide incubation services to different startups in the knowledge and technology based area</li> <li>3) Necessary facilities and infrastructure to the companies</li> </ol>	SDG 9, SDG 17
30	PRIS3D Smart Technologies LLP	BSACIST	2018-19	1 Year	<ol style="list-style-type: none"> <li>1) Promotion of partnership with new technology entrepreneurs and start up companies</li> <li>2) CIIC provide incubation services to different startups in the knowledge and technology based area</li> <li>3) Necessary facilities and infrastructure to the companies</li> </ol>	SDG 9, SDG 17

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31	Ravikas Limited Liability Company	BSACIST	2018-19	1 Year	1) Promotion of parterniship with new technology entrepreneurs and start up companies 2) CIIC provide incubation services to different startups in the knowledge and technology based area 3) Necessary facilities and infrastructure to the companies	SDG 9, SDG 17
32	Rekindle Automations Pvt Ltd	BSACIST	2018-19	1 Year	1) Promotion of parterniship with new technology entrepreneurs and start up companies 2) CIIC provide incubation services to different startups in the knowledge and technology based area 3) Necessary facilities and infrastructure to the companies	SDG 9, SDG 17
33	Sabari Bionmedical	BSACIST	2018-19	1 Year	1) Promotion of parterniship with new technology entrepreneurs and start up companies 2) CIIC provide incubation services to different startups in the knowledge and technology based area 3) Necessary facilities and infrastructure to the companies	SDG 9, SDG 17
34	SCADA Geoinformatics Pvt Ltd	BSACIST	2018-19	1 Year	1) Promotion of parterniship with new technology entrepreneurs and start up companies 2) CIIC provide incubation services to different startups in the knowledge and technology based area 3) Necessary facilities and infrastructure to the companies	SDG 9, SDG 17

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35	Sirius Motorsports India Pvt.Ltd	BSACIST	2018-19	1 Year	1) Promotion of parterniship with new technology entrepreneurs and start up companies 2) CIIC provide incubation services to different startups in the knowledge and technology based area 3) Necessary facilities and infrastructure to the companies	SDG 9, SDG 17
36	Sripi Software Pvt Ltd	BSACIST	2018-19	1 Year	1) Promotion of parterniship with new technology entrepreneurs and start up companies 2) CIIC provide incubation services to different startups in the knowledge and technology based area 3) Necessary facilities and infrastructure to the companies	SDG 9, SDG 17
37	The Car Guys	BSACIST	2018-19	1 Year	1) Promotion of parterniship with new technology entrepreneurs and start up companies 2) CIIC provide incubation services to different startups in the knowledge and technology based area 3) Necessary facilities and infrastructure to the companies	SDG 9, SDG 17
38	Wegot Utility Solutions Pvt Ltd	BSACIST	2018-19	1 Year	1) Promotion of parterniship with new technology entrepreneurs and start up companies 2) CIIC provide incubation services to different startups in the knowledge and technology based area 3) Necessary facilities and infrastructure to the companies	SDG 9, SDG 17

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39	Xsdata Factory Pvt Ltd	BSACIST	2018-19	1 Year	1) Promotion of partnership with new technology entrepreneurs and start up companies 2) CIIC provide incubation services to different startups in the knowledge and technology based area 3) Necessary facilities and infrastructure to the companies	SDG 9, SDG 17
40	International Skill Development Corporation	BSACIST	2018-19	3 years	1) Students and Faculty exchanges for research activities 2) To offer BBF (financial services) as a course	SDG 4
41	International Skill Development Corporation	BSACIST	2018-19	3 years	1) Students and Faculty exchanges for research activities 2) To offer B.Com commerce (international accounting and finance)	SDG 4
42	Miles Education pvt.Ltd. : CMA (US).	BSACIST	2018-19	5 years	1) Students and Faculty exchanges for research activities	SDG 4

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43	Universitas Atma Jaya Yogyakarta	BSACIST	2018-19	5 years	1) Promotio of joint educational training and research activities 2) Promotion of scholar and faculty exchanges 3) Promotion of join/dual/double degree programs 4) Promotion of transfer credit programs 5) Promotion of students exchange programmes	SDG 4
44	Frontier Lifeline (DR. K. M. Cherian Heart Foundation) & Frontier Mediville	BSACIST	2017-18	5 Years	1) Submissio of joint rsearch projects of mutual interests 2) Joint animal experiments 3) Exchange of faculties for research, teaching and collaboration 4) Exchange of students for study and research 5) Access to various research facilities of the Institutions by collaborating faculty	SDG 4, SDG 17
45	Cadd Centre Training Services, Tambaram, Chennai	BSACIST	2017-18	2 Years	1) CADD and FEA courses will be conducted for BSACIST students	SDG 4
46	Global IEEE Institute for Engineers	BSACIST	2017-18	3 Years	1) IEEE has developed a program to reduce the gap between graduation and emplyoability. Four modules of SWEBOK relevant for the purpose are grouped under SWEBOK certification program 2) BSACIST seeks license from TEchLeader training program. 3) 28000 e books, 36000 viodes, TEns of simulations and several express guides	SDG 4

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47	Al Zaiem Al Azhari University, Sudan.	BSACIST	2017-18	3 years	Collaborate in many respects including teaching, exchange of students and faculty members, joint research, joint hosting of symposiums, and information sharing etc.	SDG 4
48	ARK Infosolutions Pvt Ltd	BSACIST	2017-18	5 Years	Establish the foundations to deliver Creative Education courses / subjects/ program./ projects aimed to develop and improve the Creative and Life Skills of all students at the insitute premisses.	SDG 4
49	eStaarMax Technologies Pvt Ltd	BSACIST	2017-18	3 Years	Academic Partner of Autodesk, Revit and 3DS MAX in the CAD laboratory at School of Infrastructure, B.S. Abdur Rahman Crescent Institute of Science and Technology	SDG 4

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50	Frost & Sullivan India Pvt. Ltd, Chennai	BSACIST	2017-18	3 years	<p>1) Frost &amp; Sullivan is known globally for its thought leadership content including industry research, emerging technology research, and Mega Trends research. This content will be appropriately shared to the relevant faculty at Crescent over a period of two years.</p> <p>2) Providing Placement assistance for at least 5 students from Crescent at the Knowledge Partner offices at Chennai.</p> <p>3) The Knowledge Partner will also assist in skill development through continual knowledge transfer programs, student placements and student projects, etc.,</p>	SDG 4
51	Gems (Education) Menasa (Cayman) Ltd	BSACIST	2017-18	5 Years	The Purpose of this MoU is to develop, collaborate, and engage in mutually beneficial educational opportunities for students and faculty members of each party	SDG 4
52	Gems Education, UAE	BSACIST	2017-18	5 years	<ul style="list-style-type: none"> <li>- Recruitment access fro CRESCENT to GEMS carrer fairs</li> <li>- Communcation access fro CRESCENT to GEMS students and parents through appropriate channels including but not limited to social media, email, newsletters, print media, open hourse etc.,</li> <li>- Provide CRSCENT with social media partnership opportunites to promote corporate social</li> </ul>	SDG 4

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53	Indian Institute of Technology (IIT) Bombay	BSACIST	2017-18	3 years	Nodal Resource Centre (NRC) of IIT Bombay Spoken Tutorial for Tamil Nadu Region.	SDG 4
54	ITK Education Services Pvt Ltd Chennai	BSACIST	2017-18	3 years	- To provide ZCCA training to all the ZCCA registered students of 2nd, 3rd and Final year of various IT and Non-IT departments - Depute its Zoho Creator certified trainers in the ratio of 1:35 (Tutor- Students ratio) for the purpose of conducting the aforesadi IT programs and create desired proficiency outcomes on the program knowledge and application and make them eligible	SDG 4
55	J M Education Intiatives Pvt Ltd	BSACIST	2017-18	3 Years	A Joint venture to conduct CA Coaching Programme for Foundation and Intermediate Levels	SDG 4
56	Keck center, University of Virginia, USA	BSACIST	2017-18	3 years	• Molecular imaging • Internships to the students • Dr. Ammasi P, Affiliate faculty in BSACIST • Offered course on molecular imaging to B.Tech students • Delivered invited talks in International conferences organized by SLS	SDG 4



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57	Madras Flying Club Ltd (MFC) Meenambakkam, Chennai,	BSACIST	2017-18	1 Year	<ul style="list-style-type: none"> <li>1) Student Pilot / Commercial Pilot programme. 2) Skill based value added programme for B.Tech Students.</li> <li>3) Skill Training Programme for Non-Engineering Students.</li> <li>4) To motivate the student community and create awareness towards aviation and aerospace opportunities.</li> <li>5) To cater to the needs of aviation industry by producing skilled aviation engineers.</li> <li>6) To enhance the employability of students in the aviation industry.</li> </ul>	SDG 4
58	Tarakan Web innovations PVT limited	BSACIST	2017-18	3 years	<ul style="list-style-type: none"> <li>1) To approve the verifier ID request for the controller of examinations of B.S. Abdur Rahman Crescent Institute of Science and Technology</li> <li>2) Ensure sub-verifier IDs are approved by the controller of examinations using the master verifier from the registered user</li> <li>3) Provide the required platform for receiving the transcript request</li> <li>4) Provide the required platform for receiving transcript request</li> <li>5) To ensure the confidentiality of the data processed</li> </ul>	SDG 4

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59	Prag Robotics Pvt Ltd	BSACIST	2017-18	4 Years	<p>For the purpose of academic interaction and research activities beneficial to both</p> <ol style="list-style-type: none"> <li>1. Center of Excellence (ROBOLAB 4.0) to conduct skill development programs.</li> <li>2. Diploma and Graduation courses in Robotics and AI</li> <li>3. Technology Competition, Robotics seminars/ exhibitions / workshop</li> <li>4. Internship Program, Industrial Visit and In-plant training</li> <li>5. New product developemnt (R &amp;D) in Robotics and Automation</li> </ol>	SDG 4
60	Red Hat India Private Limited	BSACIST	2017-18	1 Year	<p>The students and faculty of this university has participate in the one or more of the Red Hat Academy program (RHA or Program) in the Territory.</p> <p>They provides an inernet deployed and managed curriculum, software and services.</p>	SDG 4
61	Schizophrenia Research Foundation,Chennai	BSACIST	2017-18	3 Years	<p>To Initiate cooperative and collaborative activities which would address clinical and educational problems of relevance to the country.</p>	SDG 4

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62	SPACE KIDZ INDIA	BSACIST	2017-18	Jul-19	For the provision of Technical support and assistance in the construction and launch of a SUB-ORBITAL SATELLITE "CRESCENT SAT"	SDG 4
63	Spoken Tutorials (ST), IIT Bombay	BSACIST	2017-18	1 Year	Spoken Tutorial Project for students - Introduce the program in all departments and IIT bombay work as a mentor	SDG 4
64	uLektz Learning Solutions Pvt Ltd	BSACIST	2017-18	6 Months	Cloud based learning management system accessible through web and mobile app published in Google Play store in white labeled in the brand name of "CRESCENT".	SDG 4
65	Universiti Teknologi MARA, Malaysia	BSACIST	2017-18	1 Year	Both endeavour to strengthen, promote and develop international research co-operation on the basis of equality and mutual benefit. 1. Institutional exchanges between faculty, staff and students from each partner institution. 2. Organisation of symposia, conference, short courses and meeting on research issues. 3. Exchange of information pertaining to	SDG 4

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66	University of Missouri-Columbia, USA	BSACIST	2017-18	3 eyars	- Per Crescent Univeristy request, Drs. Anandhi Upendran adn Raghuraman Kannan will deliver guest lectures on "Biomedical innovations adn Entrepreneurship" to undergraduate biotechnology students at Crescent University during summer adn winter sessions. GUest lectures will be limited to 15 lecture hours per session for each faculty - The guest lectures are considered as services	SDG 4
67	CSIR-Central Leather Reasearch Institute, Adayar	BSACIST	2017-18	3 years	1) Coeration in execution of joint research project 2) Recognition of eligible scientist from CSIR/CLRI as PhD supervisors under BSACIST 3) Organization and participation of joint symposium/seminars/ conference/workshop 4) Undertaking joint research adn development projects funded by external agencies	SDG 4
68	Saveetha Dental College, Chennai	BSACIST	2016-17	5 Years	1) Joint research 2) Exchange of faculties for research and collaboration 3) Exchange of students for study and research 4) Access to various research facilities of the Institutions by collaborating faculty and studnets	SDG 4
69	Aaranya biosciences	BSACIST	2016-17	6 months	1) Collaborative research on phytomedicine, and NGS are initiated from December 2016 2) Planning to submit industry university grants 2 master's students will be doing their final year project from January 2018 for 6 months	SDG 4

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70	Apollo Tyres Ltd	BSACIST	2016-17	3 years	B. Tech. Programme for Employees	SDG 4
71	Central Depository Services (India) Ltd Mumbai	BSACIST	2016-17	5 Years	<ul style="list-style-type: none"> <li>- Shall provide the necessary information such as Award templates, data masters, student identity details, Aadhar, NAD ID of the student etc</li> <li>- Shall review and confirm the master data, award images and award data lodged in NAD system</li> </ul>	SDG 4
72	Geomarine biotechnologies	BSACIST	2016-17	6 months	<ol style="list-style-type: none"> <li>1) Collaborative research in food microbiology</li> <li>2) Two master's students will be doing their final year project from January 2017 for 6 months</li> </ol>	SDG 4
73	Hi Rise Food technology lab	BSACIST	2016-17	6 months	<ol style="list-style-type: none"> <li>1) Collaborative research in food microbiology</li> <li>2) 2 master's students will be doing their final year project for 6 months</li> <li>3) Ms. Ramya, taught 3 credit course on food biotechnology for B.tech students</li> <li>4) Delivered invited talk in EDI sponsored workshop on biotechnology on 4- 5, 12, 2017</li> <li>5) Placement drive for our students</li> </ol>	SDG 4

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74	IBM India (P) Ltd., Bangalore	BSACIST	2016-17	5 Years	<ul style="list-style-type: none"> <li>- Opportunity to emerge as one of the competent entities in hte academic circles in various areas of information technology</li> <li>- Opportunity to be recognized by the Industry and academic circles as one of the preferred location/institution for acruiring training and skills in latest technology adn software</li> <li>- Opportunity to students and faculty members to increase their knowloedge and acquire skills on best in class IBM software</li> <li>- Opportunity to learn from teh practioners in the industry from IBM or business partners</li> <li>- Opportunity for students and faculty members to avail prefessional and global certification on IBM software</li> <li>- Opportunity to setup a joint and co-brnaded lab on the campus with IBM, focussed on various specialty areas like Big data, Analytics, Mobility, Security, SW Engg etc</li> </ul>	SDG 4
75	Ministry of Economics affairs, Taiwan	BSACIST	2016-17	5 Years	<ul style="list-style-type: none"> <li>- Each parties will designate a unit and contact window to be responsible for the promotion, coordination, liaison, and handling of relevant matters</li> <li>- Each party will recommend its substiary organizations (agencies, social groups etc), schoalrs and experts to facilitate the follow-up implementation of professional exchange</li> </ul>	SDG 4

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76	Nokia Solutions And Networks India Private Limited	BSACIST	2016-17	3 years	1) To provide Industrial visit, Guest Lecture, Internship for students 2) To provide Project Guidance by Nokia Team To final year students	SDG 4
77	Oracle Pvt. Ltd	BSACIST	2016-17	3 years	Oracle certified Associate training provided to our students	SDG 4

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78	Rubber Skill Development Council, delhi	BSACIST	2016-17	5 Years	<ul style="list-style-type: none"> <li>- To assist BSAU in aligning the curriculum with the rubber sector National Occupational Standards (NOS)</li> <li>- Support in connecting with industry to enable the students to have internships, practical training and skill development on the job</li> <li>- To ensure quality of training delivery by adopting a stringent accreditation process for training service providers, assessments and certification of trainees.</li> <li>- Conduct quality audit on the delivery and other operational activities undertaken by BSAU with regard to rubber courses</li> <li>- To conduct assessment of students through RSDC appointed assessment agency.</li> <li>- Issue certification by RSDC, NSDC and GOI to those students who have cleared/passed the assessment exam/test conducted by RSDC appointed assessment agency.</li> </ul>	SDG 4
79	Shabeel Motors, Chennai	BSACIST	2016-17	5 Years	<ul style="list-style-type: none"> <li>- For the purposes set out to enhance the quality of the educational experience for students of automobile engineering of the university</li> <li>- M/S Shabeel motors will also provide the partner with adequate publicity material such as handouts, information brochures and posters.</li> </ul>	SDG 4



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80	Tata Consultancy Services Ltd., Chennai	BSACIST	2016-17	3 years	TCS will provide the following applications as managed services - TCS iON application management solution - TCS iON admission solution - TCS iON student management solution - TCS iON fee management solution - TCS iON student attendance solution - TCS iON exam and grading solution	SDG 4
81	University of East London, UK	BSACIST	2016-17	3 years	<ul style="list-style-type: none"> <li>• Delivered invited talks</li> <li>• Student internships</li> </ul> • Joint International conference was organized on Applications of natural products on 2-3, August, 2016 <ul style="list-style-type: none"> <li>• Collaborative research on natural products</li> </ul>	SDG 4
82	V Clinbio, USA	BSACIST	2016-17	3 years	Research collaboration	SDG 4
83	Garuda Vaayu Shakthi Limited	BSACIST	2016-17	5 years	1) Project work 2) Inplant training 3) Training for GVSL personnel 4) Guest lectures 5) Collaborative research projects and testing	SDG 4

S. No	Organisation with which MoU is signed	Name of the Department Linked	Year of signing MoU	Duration	List the actual activities under each MoU year wise	SDG No.
84	Apollo shine foundation	BSACIST	2016-17	1 year	1) BSACIST students will enroll in SHINE program 2) 20% discount in Health check at any apollo hospital in chennai 3) Provision of Apollo First aid room and other facilities	SDG 3
85	Biozone Research Technologies Pvt., Ltd, Chennai	BSACIST	2015-16	5 Years	<ul style="list-style-type: none"> <li>- The two Institutions shall encourage direct contact between their faculties, administrators, departments, schools, and research centres Cooperation will be pursued in               <ul style="list-style-type: none"> <li>- Joint Research</li> </ul> </li> <li>- Exchange of faculties for research, teaching and collaboration</li> <li>- Exchange of students for study and research</li> <li>- Exchange of information including, but not limited to exchange of library materials and research publications which is of mutual interest to both Institutions               <ul style="list-style-type: none"> <li>- Access to various research facilities of the Institutions by the collaborating faculty members and students</li> </ul> </li> </ul>	SDG 4

S. No	Organisation with which MoU is signed	Name of the Department Linked	Year of signing MoU	Duration	List the actual activities under each MoU year wise	SDG No.
86	Clinbio Labs Pvt Ltd Chennai	BSACIST	2015-16	5 Years	<ul style="list-style-type: none"> <li>- The two Institutions shall encourage direct contact between their faculties, administrators, departments, schools, and research centres Cooperation will be pursued in               <ul style="list-style-type: none"> <li>- Joint Research</li> </ul> </li> <li>- Exchange of faculties for research, teaching and collaboration</li> <li>- Exchange of students for study and research</li> <li>- Exchange of information including, but not limited to exchange of library materials and research publications which is of mutual interest to both Institutions               <ul style="list-style-type: none"> <li>- Access to various research facilities of the Institutions by the collaborating faculty members and students</li> </ul> </li> </ul>	SDG 4
87	Curtin University of Technology, Perth, Western Australia	BSACIST	2015-16	5 Years	<ul style="list-style-type: none"> <li>- To establish specific relations and cooperation between these two institutions in order to enrich the understanding of the culture of the two countries concerned. This agreement is to make possible on a continuing basis two kinds of undergraduate and postgraduate student activity (a) student exchange and (b) study abroad</li> </ul>	SDG 4
88	iBig foundation	BSACIST	2015-16	3 years	collaborative research in biological big data informatics	SDG 4

S. No	Organisation with which MoU is signed	Name of the Department Linked	Year of signing MoU	Duration	List the actual activities under each MoU year wise	SDG No.
89	iNurture Education solution (P) Ltd., Bangalore	BSACIST	2015-16	5 Years	<ul style="list-style-type: none"> <li>- iNurture shall provide facility with suitable qualifications and experience as prescribed by the University to handle/teach the courses in the campus</li> <li>- For specialized topics, iNurture shall induct subject experts with relevant industry. Experience as visiting faculty for delivering the lectures in such topics</li> </ul>	SDG 4
90	Jasmine Infotech Pvt LTD., Chennai	BSACIST	2015-16	5 Year	<ul style="list-style-type: none"> <li>- Jasmine Infotech (JI) will co-operate and take active part in establishing the 'Center of excellence in Signal Processing' at the premises of the Institute. The Institute shall procure and provide all necessary resources: state of the art software/hardware, infrastructure and reference books for the effective setting up and jointly run of the proposed programs.</li> </ul>	SDG 4
91	Medal Healthcare private limited, Chennai	BSACIST	2015-16	5 Year	<ul style="list-style-type: none"> <li>- In considering their strength both parties are mutually agreed to start a Master in Science (hereinafter referred as M.Sc) Sonology Post graduation programme and other academic related services</li> <li>- Admission of students for M.Sc sonology shall be made by Medall as per its selection norms, currently restricted to MBBS doctors from recognized universities.</li> </ul>	SDG 3

S. No	Organisation with which MoU is signed	Name of the Department Linked	Year of signing MoU	Duration	List the actual activities under each MoU year wise	SDG No.
92	Pentagrit Research, Chennai	BSACIST	2015-16	5 Year	<ul style="list-style-type: none"> <li>- To support young scientists with innovative minds and selectively fund for international travel, lab and animal usage, networking, publications and paid references etc.,</li> <li style="padding-left: 40px;">The following will be pursued</li> <li style="padding-left: 40px;">- Joint research in Zebrafish mode</li> <li>- Exchange of faculties for research, teaching and collaboration</li> <li>- Exchange of students for study and research</li> <li>- Exchange of information including but not limited to exchange of library materials and research publications which is of mutual interest to Institutions</li> <li>- Access to various research facilities of the Institutions by the collaborating members</li> <li>- Collaboratively identify HITS that could help sell/brand a few BSAU library compounds to the market driving ROI to both B.S. Abdur Rahman University and Pentagrit</li> </ul>	SDG 4
93	Revature Consultancy Services	BSACIST	2015-16	5 Years	Internship for students • Placement	SDG 4

S. No	Organisation with which MoU is signed	Name of the Department Linked	Year of signing MoU	Duration	List the actual activities under each MoU year wise	SDG No.
94	Tamil Nadu Pollution Control Board, Chennai	BSACIST	2015-16	5 Years	<ul style="list-style-type: none"> <li>- All the instruments/equipments will be purchased by calling open tenders by TNPCB</li> <li>- They will be established in the identified places/stations by the TNPCB</li> <li>- The rent if any fixed for the building identified for CAAQM station will be paid by TNPCB after making agreement with the owner of the building for a minimum period of 5 years which will be renewed by</li> </ul>	SDG 7
95	Xinovem Company Ltd., Chennai	BSACIST	2015-16	5 Year	<ul style="list-style-type: none"> <li>- The two Institutions shall encourage direct contact between their faculties, administrators, departments, schools, and research centres</li> <li>Cooperation will be pursued in               <ul style="list-style-type: none"> <li>- Joint Research</li> </ul> </li> <li>- Exchange of faculties for research, teaching and collaboration</li> <li>- Exchange of students for study and research</li> </ul>	SDG 4
96	University of Central Florida	BSACIST	2015-16	3 years	<ol style="list-style-type: none"> <li>1) Exchange of graduate students</li> <li>2) Exchange of academic personnel</li> <li>3) Cooperative design of courses, conferences, symposia and academic programs</li> <li>4) Exchange of academic or scientific materials</li> </ol>	SDG 4
97	University of Plymouth	BSACIST	2015-16	3 years	<ol style="list-style-type: none"> <li>1) Exchange of graduate students</li> <li>2) Exchange of academic personnel</li> <li>3) Cooperative design of courses, conferences, symposia and academic programs</li> <li>4) Exchange of academic or scientific materials</li> </ol>	SDG 4

S. No	Organisation with which MoU is signed	Name of the Department Linked	Year of signing MoU	Duration	List the actual activities under each MoU year wise	SDG No.
98	Florida Atlantic University Board of Trustees, USA	BSACIST	2015-16	5 years	Students and faculty exchanges	SDG 4
99	ABE Semiconductors and Designs, Chennai	BSACIST	2014-15	5 Years	- - To share their information, experience, infrastructure, organization for seminars, workshops, short term and long term courses, exchange of faculties for training programs and different consultancy, funded and sponsored projects, training for staff members, corporate and other higher officials, curriculum based training for students and projects for final year post graduate	SDG 4
100	Ane Books Pvt Ltd	BSACIST	2014-15	3 years	- To bring out minimum of 100 books published under the joint logo of BSAU and ABPL and release of all the books in the presence of representatives of Guinness, and Limca Book of records and in the presence of luminaries and national leaders in education	SDG 4

S. No	Organisation with which MoU is signed	Name of the Department Linked	Year of signing MoU	Duration	List the actual activities under each MoU year wise	SDG No.
101	Bharat Sanchar Nigam Limited, New Delhi	BSACIST	2014-15	3 years	<ul style="list-style-type: none"> <li>- The objective of the proposed relationship is to enable BSNL and MTNL to provide MHRD fulfill the connectivity requirement to 419 Universities and 32,000 colleges under NMEICT which includes providing these institutes with connectivity solutions that enable them to get connected on a Virtual Private Network (VPN), access internet and also download/upload educational content from any of the servers in the network.</li> <li>- It enables them to have their requirement of bandwidth fulfilled with an option for an upward scaling. MHRD in turn, gets these services from BSNL and MTNL on the most preferred vendor (service provider) basis.</li> </ul>	SDG 4
102	Cambridge English Language assessment (Part of University of Cambridge)	BSACIST	2014-15	3 years	<ul style="list-style-type: none"> <li>- To improve the quality of teaching and learning English in B.S Abdur Rahman University</li> <li>- To introduce a standardised international testing system in English across B.S Abdur Rahman University which is linked to the CEFR international benchmarks</li> <li>- To offer opportunity for students of B S Abdur Rahman University to gain achievement in English which is internationally recognised</li> </ul>	SDG 4
103	Centre for development for advance Computing, Chennai	BSACIST	2014-15	Five years	<ul style="list-style-type: none"> <li>- Nominate coordinators as nodal contacts to represent the parties and promote interface so as to plan, implement, monitor and review the various activity schedules from time to time.</li> <li>- All attempts will be made to ensure that training and projects jointly carried out are accomplished to a very high degree of quality, with parsimony of time and resources</li> </ul>	SDG 4



S. No	Organisation with which MoU is signed	Name of the Department Linked	Year of signing MoU	Duration	List the actual activities under each MoU year wise	SDG No.
104	Chennai Power and desalination training institute	BSACIST	2014-15	5 Years	<ul style="list-style-type: none"> <li>- For providing lab and workshop facilities of electrical, Mechanical, Instrumentation and Chemical department, Library and recreation facility of the university of the institute.</li> <li>- Training the graduate/Diploma engineers in power and desalination Plant Technology</li> <li>- Imparting web based Training on various engineering disciplines</li> </ul>	SDG 7
105	M/s. OHM Energy Management Sys Pvt. Ltd.	Department of EEE	2019-20	3 YEARS	<ol style="list-style-type: none"> <li>1. Provide guidance and training for Graduate/Diploma Engineering Trainees of OHM Energy,</li> <li>2. Provide reverse training of faculty members at plant in the areas of MV/LV switchgear panels, control &amp; relay panels and distribution boards,</li> <li>3. OHM Energy will assist BSACIST in building</li> </ol>	SDG 4, SDG 7
106	Google Education	Department of Computer Application	2019-20	3 YEARS	A Workshop on Google Apps for Top Executives, HOD's, admins, Teaching Faculties and for other staff of our university was conducted.	SDG 4
107	Oracle Pvt. Ltd	Department of Computer Application	2019-20	3 YEARS	Oracle certified Associate training provided to our students	SDG 4

S. No	Organisation with which MoU is signed	Name of the Department Linked	Year of signing MoU	Duration	List the actual activities under each MoU year wise	SDG No.
108	IBM	Department of Computer Application	2019-20	3 YEARS	Storage Area Network (SAN) Training was provided for students to prepare themselves for a great career in SAN storage and storage domain.	SDG 4
109	Ameex Technologies	Department of Computer Application	2019-20	3 YEARS	Project Internship and Placements was provided for final year students.	SDG 4
110	Hibrise Technologies	Department of Computer Application	2019-20	3 YEARS	Project Internship and Placements was provided for final year students. During Internship, students were encouraged to design and develop new products, mobile apps and games.	SDG 4
111	Sparx Systems	Department of Computer Application	2019-20	3 YEARS	Training was provided for the students and faculty of this university on the use of the Enterprise Architect software.	SDG 4

S. No	Organisation with which MoU is signed	Name of the Department Linked	Year of signing MoU	Duration	List the actual activities under each MoU year wise	SDG No.
112	Chettinad Academy of Research (CARE), Chennai	Department of Chemistry faculties of our institution doing research work in biological studies	2019-20	3 YEARS	collaborative research	SDG 3

## Conference/Journals involving NGO and Governments

SI.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	<a href="https://www.tandfonline.com/doi/abs/10.1080/01430750.2020.1767204">https://www.tandfonline.com/doi/abs/10.1080/01430750.2020.1767204</a>	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	<a href="https://www.tandfonline.com/doi/abs/10.1080/15567036.2019.1666933">https://www.tandfonline.com/doi/abs/10.1080/15567036.2019.1666933</a>	SDG:9	NO

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
3	Aero	Journal	Mr. S. Karthikeyan	Investigation on microstructures, mechanical and wear properties of Al 390/ZrO <sub>2</sub> composite materials fabricated by P/M method	Multidiscipline Modeling in Materials and Structures	May 2020	<a href="https://www.emerald.com/insight/content/doi/10.1108/MMMS-10-2019-0180/full/html">https://www.emerald.com/insight/content/doi/10.1108/MMMS-10-2019-0180/full/html</a>	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	<a href="https://www.ijitee.org/wp-content/uploads/papers/v9i2S4/B12251292S419.pdf">https://www.ijitee.org/wp-content/uploads/papers/v9i2S4/B12251292S419.pdf</a>	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	<a href="https://onlinelibrary.wiley.com/doi/abs/10.1002/prep.20200051">https://onlinelibrary.wiley.com/doi/abs/10.1002/prep.20200051</a>	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	<a href="https://www.tandfonline.com/doi/abs/10.1080/15567036.2020.1815902">https://www.tandfonline.com/doi/abs/10.1080/15567036.2020.1815902</a>	SDG:9	NO

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
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	<a href="https://doi.org/10.1080/01430750.2018.1557551">https://doi.org/10.1080/01430750.2018.1557551</a>	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	<a href="https://doi.org/10.1080/01430750.2019.1613263">https://doi.org/10.1080/01430750.2019.1613263</a>	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	<a href="https://www.ijrte.org/wp-content/uploads/papers/v7i6s2/F90940476S219.pdf">https://www.ijrte.org/wp-content/uploads/papers/v7i6s2/F90940476S219.pdf</a>	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	<a href="https://link.springer.com/article/10.1007/s40010-019-00619-2">https://link.springer.com/article/10.1007/s40010-019-00619-2</a>	SDG -9	No

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
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	<a href="https://doi.org/10.1088/2053-1591/ab07e6">DOI:10.1088/2053-1591/ab07e6</a>	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	<a href="http://2019.eurobrake.net/programme/technical-programme/EB2019-MDS-029">http://2019.eurobrake.net/programme/technical-programme/EB2019-MDS-029</a>	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	<a href="https://www.oldcitypublishing.com/journals/lie-home/lie-issue-contents/lie-volume-44-number-4-6-2019/lie-44-4-6-p-371-384/">https://www.oldcitypublishing.com/journals/lie-home/lie-issue-contents/lie-volume-44-number-4-6-2019/lie-44-4-6-p-371-384/</a>	SDG -9	No

SI.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
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	<a href="https://www.sae.org/publications/technical-papers/content/2019-28-0148/">https://www.sae.org/publications/technical-papers/content/2019-28-0148/</a>	SDG -9	No
15	Mech	Journal	Ahmed, M. P., & Jailani, H. S. .	Enhancing Wear Resistance of Cryo Treated Cu-Be2 Alloy	<i>Silicon, Volume 11</i>	2019	<a href="https://doi.org/10.1007/s12633-018-9835-y">DOI:10.1007/s12633-018-9835-y</a>	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	<a href="https://pdfs.semanticscholar.org/9ae7/c899d3ff742e93a3d311e131e4f4cfbda4d9.pdf">https://pdfs.semanticscholar.org/9ae7/c899d3ff742e93a3d311e131e4f4cfbda4d9.pdf</a>	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	<a href="https://www.sciencedirect.com/science/article/abs/pii/S0960148119316696">https://www.sciencedirect.com/science/article/abs/pii/S0960148119316696</a>	SDG -9	No



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
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	<a href="https://doi.org/10.1088/2053-1591/aafb88">DOI:10.1088/2053-1591/aafb88</a>	SDG -9	No
19	Mech	Journal	Arulmurugan, M., Prabu, K., Rajamurugan, G., Selvakumar, A. S. .	Viscoelastic behavior of aloe vera/hemp/flax sandwich laminate composite reinforced with BaSO4: Dynamic mechanical analysis	<i>Journal of Industrial Textiles</i>	2019	<a href="https://journals.sagepub.com/doi/abs/10.1177/1528083719852312?journalCode=jitc">https://journals.sagepub.com/doi/abs/10.1177/1528083719852312?journalCode=jitc</a>	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	<a href="https://iopscience.iop.org/article/10.1088/2053-1591/aafd5a">https://iopscience.iop.org/article/10.1088/2053-1591/aafd5a</a>	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	<a href="https://www.sae.org/publications/technical-papers/content/2019-28-0147/">https://www.sae.org/publications/technical-papers/content/2019-28-0147/</a>	SDG -9	No

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
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	SAE Technical Paper.	2019	<a href="https://www.sae.org/publications/technical-papers/content/2019-28-0056/">https://www.sae.org/publications/technical-papers/content/2019-28-0056/</a>	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	<a href="https://link.springer.com/chapter/10.1007/978-981-13-1724-8_2">https://link.springer.com/chapter/10.1007/978-981-13-1724-8_2</a>	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	<a href="https://doi.org/10.1007/978-981-13-1780-4_17">DOI:10.1007/978-981-13-1780-4_17</a>	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	<a href="https://www.sae.org/publications/technical-papers/content/2019-28-0151/">https://www.sae.org/publications/technical-papers/content/2019-28-0151/</a>	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	<i>SAE Technical Paper.</i>	2019	<a href="https://www.sae.org/publications/technical-papers/content/2019-28-0142/">https://www.sae.org/publications/technical-papers/content/2019-28-0142/</a>	SDG -9	No

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
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	<a href="https://www.sciencedirect.com/science/article/abs/pii/S0263224118309175">https://www.sciencedirect.com/science/article/abs/pii/S0263224118309175</a>	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	<a href="https://www.sciencedirect.com/science/article/abs/pii/S2452213918302237">https://www.sciencedirect.com/science/article/abs/pii/S2452213918302237</a>	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 microfibrils.	Materials Research Express, Volume 6	2019	<a href="https://ui.adsabs.harvard.edu/abs/2019MRE.....6I5333N/abstract">https://ui.adsabs.harvard.edu/abs/2019MRE.....6I5333N/abstract</a>	SDG -9	No

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
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	<a href="https://pdfs.semanticscholar.org/e5ce/b4e37919d7cd96cd3eb8a7de941f055e8b67.pdf">https://pdfs.semanticscholar.org/e5ce/b4e37919d7cd96cd3eb8a7de941f055e8b67.pdf</a>	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	<a href="https://doi.org/10.1088/2053-1591/ab43ad">DOI:10.1088/2053-1591/ab43ad</a>	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	<a href="https://doi.org/10.1088/2053-1591/ab0ca5">DOI:10.1088/2053-1591/ab0ca5</a>	SDG -9	No

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
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	<a href="https://doi.org/10.1080/15440478.2019.1691121">https://doi.org/10.1080/15440478.2019.1691121</a>	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	<a href="https://journals.sagepub.com/doi/abs/10.1177/1528083718779446">https://journals.sagepub.com/doi/abs/10.1177/1528083718779446</a>	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	<a href="https://www.sciencedirect.com/science/article/abs/pii/S0263224119305548">https://www.sciencedirect.com/science/article/abs/pii/S0263224119305548</a>	SDG -9	No

SI.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
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	<a href="https://www.semanticscholar.org/paper/Prediction-and-Geometric-Adaptive-Control-of-in-Rahman/8da11601a90469f5c841f06c3214efa9709060a8">https://www.semanticscholar.org/paper/Prediction-and-Geometric-Adaptive-Control-of-in-Rahman/8da11601a90469f5c841f06c3214efa9709060a8</a>	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	<a href="https://pdfs.semanticscholar.org/e5ce/b4e37919d7cd96cd3eb8a7de941f055e8b67.pdf">https://pdfs.semanticscholar.org/e5ce/b4e37919d7cd96cd3eb8a7de941f055e8b67.pdf</a>	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	<a href="https://doi.org/10.24874/ti.2018.40.04.12">DOI:10.24874/ti.2018.40.04.12</a>	SDG -9	No

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
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</i> , Volume 6	2019	<a href="https://iopscience.iop.org/article/10.1088/2053-1591/aaf3cf/meta">https://iopscience.iop.org/article/10.1088/2053-1591/aaf3cf/meta</a>	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	<a href="https://doi.org/10.1088/2053-1591/ab1938">DOI:10.1088/2053-1591/ab1938</a>	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	<a href="https://doi.org/10.1088/2053-1591/ab1749">https://doi.org/10.1088/2053-1591/ab1749</a>	SDG -9	No

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
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 <sub>2</sub> ) composites processed by P/M method.	<i>International Journal of Microstructure and Materials Properties, Volume 14</i>	2019	<a href="https://www.inderscience.com/info/inarticle.php?artid=103174">https://www.inderscience.com/info/inarticle.php?artid=103174</a>	SDG -9	No
43	Mech	Journal	Karthik, A., Karunanithi, R., Srinivasan, S. A., & Prashanth, M. .	Microstructure and mechanical properties of AA 2219-TiB <sub>2</sub> composites by squeeze casting technique	Materials Today: Proceedings.	2019	<a href="https://doi.org/10.1016/j.matpr.2019.10.143">DOI:10.1016/j.matpr.2019.10.143</a>	SDG -9	No
44	Mech	Journal	Rahman, M. A., Karunanithi, R., Sirajudeen, N. . ,	Sinterability and electrochemical behavior of Al <sub>2</sub> O <sub>3</sub> dispersed Al 7150 alloy composite prepared by high energy ball milling	<i>Materials Research Express, 6</i>	2019	<a href="https://doi.org/10.1088/2053-1591/ab1aeb">DOI:10.1088/2053-1591/ab1aeb</a>	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	<a href="https://doi.org/10.1016/j.matpr.2019.10.136">DOI:10.1016/j.matpr.2019.10.136</a>	SDG -9	No



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
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	<a href="https://www.sciencedirect.com/science/article/pii/S2214785319333802">https://www.sciencedirect.com/science/article/pii/S2214785319333802</a>	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	<a href="https://journals.sagepub.com/doi/abs/10.1177/1528083719883057?journalCode=jitc">https://journals.sagepub.com/doi/abs/10.1177/1528083719883057?journalCode=jitc</a>	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	<a href="https://www.sae.org/publications/technical-papers/content/2019-28-0100/">https://www.sae.org/publications/technical-papers/content/2019-28-0100/</a>	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	<a href="https://link.springer.com/chapter/10.1007/978-981-13-1780-4_11">https://link.springer.com/chapter/10.1007/978-981-13-1780-4_11</a>	SDG -9	No

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
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	<a href="https://www.icevirtuallibrary.com/doi/abs/10.1680/jemmr.18.00068">https://www.icevirtuallibrary.com/doi/abs/10.1680/jemmr.18.00068</a>	SDG -9	No
51	Mech	Journal	Rahman, M. A., & Sirajudeen, N.	Influence of aging, varying particle size & volume fraction of Al <sub>2</sub> O <sub>3</sub> particles on the hardness and wear behavior of Al 7150 alloy composite produced by hot uniaxial compaction method.	<i>Materials Research Express, 6</i>	2019	<a href="https://iopscience.iop.org/article/10.1088/2053-1591/aaf2c9/meta">https://iopscience.iop.org/article/10.1088/2053-1591/aaf2c9/meta</a>	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, Volume 6</i>	2019	<a href="https://iopscience.iop.org/article/10.1088/2053-1591/ab08e0">https://iopscience.iop.org/article/10.1088/2053-1591/ab08e0</a>	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	<a href="https://doi.org/10.1115/1.4041547">https://doi.org/10.1115/1.4041547</a>	SDG - 7	Yes

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
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	<a href="https://www.deswater.com/DWT_abstracts/vol_162/162_2019_30.pdf">https://www.deswater.com/DWT_abstracts/vol_162/162_2019_30.pdf</a>	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	<a href="https://doi.org/10.1002/hjt.21502">https://doi.org/10.1002/hjt.21502</a>	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, 138</i>	2019	<a href="https://link.springer.com/article/10.1007/s10973-019-08561-6">https://link.springer.com/article/10.1007/s10973-019-08561-6</a>	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	<a href="https://link.springer.com/article/10.1007/s10668-019-00376-7">https://link.springer.com/article/10.1007/s10668-019-00376-7</a>	SDG - 7	Yes

SI.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
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	<a href="https://journals.sagepub.com/doi/abs/10.1177/0143624419883363">https://journals.sagepub.com/doi/abs/10.1177/0143624419883363</a>	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	<a href="https://link.springer.com/article/10.1007/s11356-019-06131-9">https://link.springer.com/article/10.1007/s11356-019-06131-9</a>	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	<a href="https://doi.org/10.1007/s10973-019-08770-z">DOI:10.1007/s10973-019-08770-z</a>	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	<a href="https://link.springer.com/article/10.1007/s11356-019-06661-2">https://link.springer.com/article/10.1007/s11356-019-06661-2</a>	SDG - 7	Yes

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
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	<a href="https://link.springer.com/article/10.1007/s11356-019-06829-w">https://link.springer.com/article/10.1007/s11356-019-06829-w</a>	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	<a href="https://link.springer.com/article/10.1007/s00231-019-02786-9">https://link.springer.com/article/10.1007/s00231-019-02786-9</a>	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	<a href="https://link.springer.com/article/10.1007/s11356-019-07288-z">https://link.springer.com/article/10.1007/s11356-019-07288-z</a>	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	<a href="https://link.springer.com/chapter/10.1007/978-981-13-6887-5_13">https://link.springer.com/chapter/10.1007/978-981-13-6887-5_13</a>	SDG - 7	Yes

SI.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
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 <sub>2</sub> nano black paint	Journal of cleaner production, Volume 213	2019	<a href="https://doi.org/10.1016/j.jclepro.2018.12.185">DOI:10.1016/j.jclepro.2018.12.185</a>	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</i> , Volume 48	2019	<a href="https://onlinelibrary.wiley.com/doi/full/10.1002/htj.21453">https://onlinelibrary.wiley.com/doi/full/10.1002/htj.21453</a>	SDG - 7	Yes
68	Mech	Journal	Khechekhouche, A., Benhaoua, B., Manokar, A. M., Kabeel, A. E., & Sathyamurthy, R. . ,	Exploitation of an insulated air chamber as a glazed cover of a conventional solar still	<i>Heat Transfer—Asian Research</i> , Volume 48	2019	<a href="https://doi.org/10.1002/htj.21446">https://doi.org/10.1002/htj.21446</a>	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 <sub>2</sub> nanoparticles in stepped solar still.	<i>International Journal of Energy Research</i> , Volume 43	2019	<a href="https://doi.org/10.1002/er.4460">https://doi.org/10.1002/er.4460</a>	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	<a href="https://doi.org/10.1007/s10973-019-08346-x">DOI:10.1007/s10973-019-08346-x</a>	SDG - 7	Yes

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
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	<a href="https://link.springer.com/article/10.1007/s10973-019-08759-8">https://link.springer.com/article/10.1007/s10973-019-08759-8</a>	SDG - 7	No
72	Mech	Journal	Kabeel, A.E., Ravishankar Sathyamurthy, Muthu Manokar, 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	Journal of Energy Storage, Volume 28	2020	<a href="https://www.sciencedirect.com/science/article/abs/pii/S2352152X19314483">https://www.sciencedirect.com/science/article/abs/pii/S2352152X19314483</a>	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	Groundwater for Sustainable Development	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	<a href="https://www.sae.org/publications/technical-papers/content/2020-28-0494/">https://www.sae.org/publications/technical-papers/content/2020-28-0494/</a>	SDG - 9	No

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
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	<a href="https://link.springer.com/article/10.1007/s10973-020-10269-x">https://link.springer.com/article/10.1007/s10973-020-10269-x</a>	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	<a href="https://onlinelibrary.wiley.com/doi/abs/10.1002/htj.21832">https://onlinelibrary.wiley.com/doi/abs/10.1002/htj.21832</a>	SDG - 7	Yes



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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	<a href="https://link.springer.com/article/10.1007/s11356-020-10470-3">https://link.springer.com/article/10.1007/s11356-020-10470-3</a>	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 <sub>2</sub> O <sub>3</sub> , Micro Powder Particles	SAE Technical Paper	2020	<a href="https://www.sae.org/publications/technical-papers/content/2020-28-0393/">https://www.sae.org/publications/technical-papers/content/2020-28-0393/</a>	SDG - 9	No

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
81	Mech	Journal	Shanmugan S, Essa F.A., Shiva Gorjianc, Kabeel A.E., Ravishankar Sathyamurthy,	Experimental study on single slope single basin solar still using TiO <sub>2</sub> nano layer for natural clean water invention	<i>Journal of Energy Storage, Volume 30</i>	2020	<a href="https://www.sciencedirect.com/science/article/abs/pii/S2352152X20307295">https://www.sciencedirect.com/science/article/abs/pii/S2352152X20307295</a>	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	<a href="https://www.sciencedirect.com/science/article/abs/pii/S2352801X1930390X">https://www.sciencedirect.com/science/article/abs/pii/S2352801X1930390X</a>	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	<a href="https://journals.sagepub.com/doi/abs/10.1177/1528083720935570">https://journals.sagepub.com/doi/abs/10.1177/1528083720935570</a>	SDG - 9	No

SI.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
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	<a href="https://www.sciencedirect.com/science/article/abs/pii/S0167577X20305784">https://www.sciencedirect.com/science/article/abs/pii/S0167577X20305784</a>	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	<i>Fuel, Volume 271</i>	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	<a href="https://www.sciencedirect.com/science/article/abs/pii/S2352801X19303935">https://www.sciencedirect.com/science/article/abs/pii/S2352801X19303935</a>	SDG - 7	Yes

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
89	Mech	Journal	Varun Kumar Arulvizhi and Selvakumar Alandur Somasundaram	Nd:YAG Laser Welded Stainless steel 304: The effects of Al <sub>2</sub> O <sub>3</sub> , Micro Particles Addition	SAE Technical Paper	2020	<a href="https://www.sae.org/publications/technical-papers/content/2020-28-0418/">https://www.sae.org/publications/technical-papers/content/2020-28-0418/</a>	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, Volume 48	2020	DOI:10.5937/fme2002364R	SDG - 9	No

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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	<a href="https://www.springerprofessional.de/en/fault-diagnosis-of-self-aligning-conveyor-idler-in-coal-handling/18395644">https://www.springerprofessional.de/en/fault-diagnosis-of-self-aligning-conveyor-idler-in-coal-handling/18395644</a>	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

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
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 &amp; Innovation, Volume 21</i>	2020	<a href="https://www.sciencedirect.com/science/article/abs/pii/S2352186420315455">https://www.sciencedirect.com/science/article/abs/pii/S2352186420315455</a>	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	<a href="https://aip.scitation.org/doi/10.1063/5.0025018">https://aip.scitation.org/doi/10.1063/5.0025018</a>	SDG - 9	No
97	Mech	Journal	Sirajudeen, N, and Abdur Rahman, M	Influence of aging and mass fraction of Al <sub>2</sub> O <sub>3</sub> on Mechanical Properties of Al <sub>6082</sub> /Al <sub>2</sub> O <sub>3</sub> 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

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
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	<a href="https://www.sae.org/publications/technical-papers/content/2020-28-0514/">https://www.sae.org/publications/technical-papers/content/2020-28-0514/</a>	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	<a href="http://sersc.org/journals/index.php/IJAST/article/view/27595">http://sersc.org/journals/index.php/IJAST/article/view/27595</a>	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	<a href="http://sersc.org/journals/index.php/IJAST/article/view/29475">http://sersc.org/journals/index.php/IJAST/article/view/29475</a>	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 &amp; Technology</i>	2020	<a href="https://doi.org/10.1177/0143624420977749">https://doi.org/10.1177/0143624420977749</a>	SDG - 7	No

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
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	<a href="https://link.springer.com/article/10.1007/s11356-020-12018-x">https://link.springer.com/article/10.1007/s11356-020-12018-x</a>	SDG - 7	Yes



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
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 &amp; 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	<a href="https://doi.org/10.1080/00325899.2020.1867391">https://doi.org/10.1080/00325899.2020.1867391</a>	SDG - 9	No

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
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	<a href="https://link.springer.com/article/10.1007/s10973-020-10293-x">https://link.springer.com/article/10.1007/s10973-020-10293-x</a>	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	<a href="https://link.springer.com/article/10.1007/s13204-020-01598-2">https://link.springer.com/article/10.1007/s13204-020-01598-2</a>	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	<a href="https://link.springer.com/article/10.1007/s40430-020-02703">https://link.springer.com/article/10.1007/s40430-020-02703</a>	SDG - 7	Yes

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
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 <sub>2</sub> O <sub>3</sub> / 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	Effect of water depth on a novel absorber plate of pyramid solar still coated with TiO <sub>2</sub> 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

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
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 <sub>2</sub> O <sub>3</sub> (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	<a href="https://doi.org/10.1007/s42835-019-00321-8">10.1007/s42835-019-00321-8</a>	SDG4, SDG9	No

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
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	<a href="https://www.naun.org/cms.action?id=19907">https://www.naun.org/cms.action?id=19907</a>	SDG4, SDG9	No
122	ECE	Journal	MarekDvorsky, Harihara Ganesh, SadhishPrabhu	Design and Validation of a Novel Structure Antipodal Vivaldi Antenna	Hindawi International Journal of Antennas and Propagation	2019	<a href="https://www.hindawi.com/journals/i jap/2019/7472186/">https://www.hindawi.com/journals/i jap/2019/7472186/</a>	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 znothin film grown on Si substrate using grey taguchitechnique	Bulletin of material science	2019	<a href="https://doi.org/10.1007/s12034-019-1800-x">DOI:10.1007/s12034-019-1800-x</a>	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	<a href="https://iopscience.iop.org/article/10.1088/2053-1591/ab3a02">https://iopscience.iop.org/article/10.1088/2053-1591/ab3a02</a>	SDG4, SDG9	No

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
125	ECE	Journal	Walter D. Leon-Salas, Xiaozhe Fan, Yizhou Zhang <sup>1</sup> and SindhubalaKadirvelu	Wireless Optical Communications with GaAs Solar Cells	Frontiers in Optics 2019	2019	<a href="https://www.osapublishing.org/abstract.cfm?uri=FiO-2019-JTu4A.83">https://www.osapublishing.org/abstract.cfm?uri=FiO-2019-JTu4A.83</a>	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	<a href="http://ijet.pl/index.php/ijet/article/view/10.24425-ijet.2019.130254">http://ijet.pl/index.php/ijet/article/view/10.24425-ijet.2019.130254</a>	SDG3, SDG4, SDG9	No

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
127	ECE	Journal	Indragandhi,PKJawahar	Core Performance Based Packet Priority Router for NOC Haterogeneous Multicore Processor	Springer LNNS series	2019	<a href="https://books.google.co.in/books?id=XL_2DwAAQBAJ&amp;pg=PA389&amp;dq=Indragandhi,PKJawahar,+%E2%80%9DCore+Performance+Based+Packet+Priority+Router+for+NOC+Haterogeneous+Multicore+Processor&amp;source=bl&amp;ots=vy_GUjXGep&amp;sig=ACfU3U3Vv7MhYfwNoCq0Yhmsj3i4x3qlPQ&amp;hl=en&amp;sa=X&amp;ved=2ahUKEwjSu8eu1Kn0AhXc7XMBHU8rB">https://books.google.co.in/books?id=XL_2DwAAQBAJ&amp;pg=PA389&amp;dq=Indragandhi,PKJawahar,+%E2%80%9DCore+Performance+Based+Packet+Priority+Router+for+NOC+Haterogeneous+Multicore+Processor&amp;source=bl&amp;ots=vy_GUjXGep&amp;sig=ACfU3U3Vv7MhYfwNoCq0Yhmsj3i4x3qlPQ&amp;hl=en&amp;sa=X&amp;ved=2ahUKEwjSu8eu1Kn0AhXc7XMBHU8rB</a>	SDG4, SDG9	No

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
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	<a href="https://www.jpier.org/PIERM/pierm87/03.19091001.pdf">https://www.jpier.org/PIERM/pierm87/03.19091001.pdf</a>	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	<a href="https://doi.org/10.1108/CW-01-2019-0003">https://doi.org/10.1108/CW-01-2019-0003</a>	SDG4, SDG9	No
130	ECE	Journal	Kanchana D, Radha.S, B.S.Sreeja, E.Manikandan	Convolved FSS Structure For Shielding Application In X-Band Frequency Response	IETE Journal of Research	2019	<a href="https://doi.org/10.1080/03772063.2019.1691062">https://doi.org/10.1080/03772063.2019.1691062</a>	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	<a href="https://doi.org/10.1504/IJAIP.2018.10025677">DOI:10.1504/IJAIP.2018.10025677</a>	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	<a href="http://www.jgenng.com/volume9-issue3.php">http://www.jgenng.com/volume9-issue3.php</a>	SDG4, SDG9	No



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
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	<a href="https://www.jardcs.org/abstract.php?id=214">https://www.jardcs.org/abstract.php?id=214</a>	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		<a href="https://www.jardcs.org/abstract.php?id=226">https://www.jardcs.org/abstract.php?id=226</a>	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	<a href="http://www.igidr.ac.in/conf/money/mfc_10/Jyotish%20Prakash%20Basu_submission_55.pdf">http://www.igidr.ac.in/conf/money/mfc_10/Jyotish%20Prakash%20Basu_submission_55.pdf</a>	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	<a href="http://serisc.org/journals/index.php/JAST/article/view/9801">http://serisc.org/journals/index.php/JAST/article/view/9801</a>	SDG 9 - Industry, Innovation & Infrastructure	No

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
137	Mangt	Journal	Syed Azamussan & M. Shanmugam	Nomological validation of Villa Castaño's socially responsible consumption scale		2020	<a href="https://link.springer.com/article/10.1007/s12208-020-00257-0#:~:text=The%20factors%20of%20the%20scale, socially%20responsible%20businesses'%2C%20and%20">https://link.springer.com/article/10.1007/s12208-020-00257-0#:~:text=The%20factors%20of%20the%20scale, socially%20responsible%20businesses'%2C%20and%20</a>	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	<a href="https://www.inderscience.com/info/inarticle.php?artid=108615">https://www.inderscience.com/info/inarticle.php?artid=108615</a>	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	<a href="http://sersc.org/journals/index.php/IJAST/article/view/31728">http://sersc.org/journals/index.php/IJAST/article/view/31728</a>	SDG 12 - Responsible Consumption & Production	No

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
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	<a href="http://serisc.org/journals/index.php/JAST/article/view/19044">http://serisc.org/journals/index.php/JAST/article/view/19044</a>	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	<a href="https://www.inderscienceonline.com/doi/abs/10.1504/IJSEM.2020.107789">https://www.inderscienceonline.com/doi/abs/10.1504/IJSEM.2020.107789</a>	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	<a href="https://www.inderscienceonline.com/doi/abs/10.1504/IJIE.2020.104663">https://www.inderscienceonline.com/doi/abs/10.1504/IJIE.2020.104663</a>	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	<a href="https://www.testmagzine.biz/index.php/testmagzine/article/view/6835">https://www.testmagzine.biz/index.php/testmagzine/article/view/6835</a>	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	<a href="http://serisc.org/journals/index.php/JAST/article/view/9802">http://serisc.org/journals/index.php/JAST/article/view/9802</a>	SDG 8 - Decent Work & Economic Growth	No

SI.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
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	<a href="https://doi.org/10.5373/JARDCS/V12I2/S20201270">DOI: 10.5373/JARDCS/V12I2/S20201270</a>	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	<a href="https://www.ijrte.org/wp-content/uploads/papers/v8i4/C4156098319.pdf">https://www.ijrte.org/wp-content/uploads/papers/v8i4/C4156098319.pdf</a>	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	<a href="https://link.springer.com/article/10.1186/s40497-019-0152-8">https://link.springer.com/article/10.1186/s40497-019-0152-8</a>	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	<a href="https://www.ijeat.org/wp-content/uploads/papers/v9i1/A3071109119.pdf">https://www.ijeat.org/wp-content/uploads/papers/v9i1/A3071109119.pdf</a>	SDG 8 - Decent Work & Economic Growth	No

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
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	<a href="https://www.jjitee.org/wp-content/uploads/papers/v8i12/L39791081219.pdf">https://www.jjitee.org/wp-content/uploads/papers/v8i12/L39791081219.pdf</a>	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	<a href="http://www.ijrar.org/IJAR19K5706.pdf">http://www.ijrar.org/IJAR19K5706.pdf</a>	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	<a href="http://sersc.org/journals/index.php/IJAST/article/view/441">http://sersc.org/journals/index.php/IJAST/article/view/441</a>	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	<a href="http://www.novapublishers.org/catalog/product_info.php?products_id=66020">http://www.novapublishers.org/catalog/product_info.php?products_id=66020</a>	SDG 8 - Decent Work & Economic Growth	No

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
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	<a href="http://psychologyandeducation.net/pae/index.php/pae/article/view/568">http://psychologyandeducation.net/pae/index.php/pae/article/view/568</a>	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	<a href="https://doi.org/10.1007/s12667-020-00390-z">https://doi.org/10.1007/s12667-020-00390-z</a>	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	<a href="https://doi:10.18178/ijeetc.9.1.28-37">https://doi:10.18178/ijeetc.9.1.28-37.</a>	7,12	No

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
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	<a href="https://www.researchgate.net/publication/348231752_Voltage_Sag_Swell_Compensation_Using_Solar_Photovoltaic_Inverter_based_Dynamic_Voltage_Restorer_SPVI-DVR">https://www.researchgate.net/publication/348231752_Voltage_Sag_Swell_Compensation_Using_Solar_Photovoltaic_Inverter_based_Dynamic_Voltage_Restorer_SPVI-DVR</a>	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	<a href="https://www.tandfonline.com/doi/abs/10.1080/01430750.2020.1722226">https://www.tandfonline.com/doi/abs/10.1080/01430750.2020.1722226</a>	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	<a href="https://solidstatetechnology.us/index.php/JSST/issue/view/49">https://solidstatetechnology.us/index.php/JSST/issue/view/49</a>	12	No

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
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	<a href="http://serisc.org/journals/index.php/IJAST/article/view/4822">http://serisc.org/journals/index.php/IJAST/article/view/4822</a>	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.iaescore.com/index.php/IJECE/article/view/18107">http://ijece.iaescore.com/index.php/IJECE/article/view/18107</a>	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://serisc.org/journals/index.php/IJAST/article/view/4819">http://serisc.org/journals/index.php/IJAST/article/view/4819</a>	7,12	No



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
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://solidstatetechnology.us/index.php/JSST/article/view/766">https://solidstatetechnology.us/index.php/JSST/article/view/766</a>	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.inderscienceonline.com/doi/abs/10.1504/IJPEC.2020.106269">https://www.inderscienceonline.com/doi/abs/10.1504/IJPEC.2020.106269</a>	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. Lakshmanaprabu,	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	<a href="http://www.jgenng.com/volume9-issue3-1">http://www.jgenng.com/volume9-issue3-1</a>	9,12	No

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
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	<a href="https://www.ijrte.org/uploads/papers">https://www.ijrte.org &gt; uploads &gt; papers</a>	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	<a href="http://www.jgenng.com/volume9-issue3-1">http://www.jgenng.com &gt; volume9-issue3-1</a>	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	<a href="https://doi.org/10.35940/ijitee.I8711.0881019">https://doi:10.35940/ijitee.I8711.0881019.</a>	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	<a href="http://serisc.org/journals/index.php/IJAST/article/view/20426">http://serisc.org/journals/index.php/IJAST/article/view/20426</a>	SDG 9	No

SI.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
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	<a href="https://link.springer.com/article/10.1007/s00500-020-05474-7">https://link.springer.com/article/10.1007/s00500-020-05474-7</a>	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	<a href="https://link.springer.com/content/pdf/10.1007/s11277-020-07514-9.pdf">https://link.springer.com/content/pdf/10.1007/s11277-020-07514-9.pdf</a>	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	<a href="http://thedesigengineering.com/index.php/DE/article/view/2100">http://thedesigengineering.com/index.php/DE/article/view/2100</a>	SDG 9	No

SI.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
173	CA	Journal	T. Pandiyavathi, Dr. B. Sivakumar	A Systematic Review on Continuous Improvement with DevOps	DE, pp. 2023 - 2032, Jun. 2021.	2021	<a href="http://thesignengine.com/index.php/DE/article/view/2207">http://thesignengine.com/index.php/DE/article/view/2207</a>	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	<a href="https://www.ijitee.org/wp-content/uploads/papers/v8i12/L28461081219.pdf">https://www.ijitee.org/wp-content/uploads/papers/v8i12/L28461081219.pdf</a>	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	<a href="https://www.igi-global.com/journal/international-journal-web-based-learning/1081">https://www.igi-global.com/journal/international-journal-web-based-learning/1081</a>	SDG 4	No

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
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	<a href="https://link.springer.com/article/10.1007/s10772-021-09868-2">https://link.springer.com/article/10.1007/s10772-021-09868-2</a>	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: RABINDRABHARATI UNIVERSITY ISSN : 0972-7175, Vol. : XXIII, No. :6(II), 2020–2021	2021	<a href="http://rbu.ac.in/home/page/103">http://rbu.ac.in/home/page/103</a>	SDG 12	No
178	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	<a href="https://content.iospress.com/articles/journal-of-x-ray-science-and-technology/xst210976">https://content.iospress.com/articles/journal-of-x-ray-science-and-technology/xst210976</a>	SDG 9	No

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
179	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	<a href="http://www.ceai.srait.ro/index.php?journal=ceai&amp;page=article&amp;op=view&amp;path%5B%5D=7106">http://www.ceai.srait.ro/index.php?journal=ceai&amp;page=article&amp;op=view&amp;path%5B%5D=7106</a>	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

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
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	<a href="https://www.researchgate.net/publication/344265709_Pso-based-Task-Scheduling-Algorithm-Using-Adaptive-Load-Balancing-Approach-For-Cloud-Computing-Environment-">https://www.researchgate.net/publication/344265709_Pso-based-Task-Scheduling-Algorithm-Using-Adaptive-Load-Balancing-Approach-For-Cloud-Computing-Environment-</a>	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	<a href="http://www.ijstr.org/paper-references.php?ref=IJSTR-1119-24728">http://www.ijstr.org/paper-references.php?ref=IJSTR-1119-24728</a>	SDG 9	No

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
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	<a href="https://just.org/wp-content/uploads/2020/10/Optimized-Hyper-Heuristic-Scheduling-using-Adaptive-Load-Balancing-Algorithm-in-Cloud-Computing.pdf">https://just.org/wp-content/uploads/2020/10/Optimized-Hyper-Heuristic-Scheduling-using-Adaptive-Load-Balancing-Algorithm-in-Cloud-Computing.pdf</a>	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	<a href="https://www.inderscienceonline.com/doi/abs/10.1504/IJC.C.2020.112317">https://www.inderscienceonline.com/doi/abs/10.1504/IJC.C.2020.112317</a>	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: <a href="https://doi.org/10.26438/ijcse/v8i10.8388">https://doi.org/10.26438/ijcse/v8i10.8388</a> .	2020	<a href="https://www.ijcseonline.org/pdf_paper_view.php?paper_id=5236&amp;16-IJCSE-08361.pdf">https://www.ijcseonline.org/pdf_paper_view.php?paper_id=5236&amp;16-IJCSE-08361.pdf</a>	SDG 9	Yes



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
186	CA	Journal	Wasiur Rhmann, Ansari, G.A	Ensemble Techniques-Based Software fault Prediction in an Open Source Project	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	<a href="https://doi.org/10.1016/j.bspc.2019.101755">https://doi.org/10.1016/j.bspc.2019.101755</a>	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	<a href="https://www.psychosocial.com/article/PR280111/15916">https://www.psychosocial.com/article/PR280111/15916</a>	SDG 9	No

SI.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
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	<a href="https://doi.org/10.1108/IJIUS-09-2020-0043">https://doi.org/10.1108/IJIUS-09-2020-0043</a>	SDG 9	No
191	CA	Journal	<a href="#">M. Mohamed Divan</a> , <a href="#">Masood, A. R. Arunarani</a> , <a href="#">D. Manjula &amp; Vijayan Sugumaran</a>	An efficient algorithm for identifying (l, d) motif from huge DNA datasets	Journal of Ambient Intelligence and Humanized Computing (2021) 12:485–495 <a href="https://doi.org/10.1007/s12652-020-02013-y">https://doi.org/10.1007/s12652-020-02013-y</a>	2020	<a href="https://link.springer.com/article/10.1007%2Fs12652-020-02013-y#auth-Vijayan-Sugumaran">https://link.springer.com/article/10.1007%2Fs12652-020-02013-y#auth-Vijayan-Sugumaran</a>	SDG 9	No
192	CA	Journal	<a href="#">A.Salman</a> , <a href="#">Ayaz,A.Jaya,Zameer Gulzar</a>	Recommendation-Based MetaSearch Engine for Suggesting Relevant Documents Links	International Journal of Information and Communication Technology Education Copyright © 2020, IGI Global.	2020	<a href="https://doi.org/10.4018/IJICTE.2020100106">https://doi.org/10.4018/IJICTE.2020100106</a>	SDG9	No

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
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). <a href="http://www.sersc.org/journals/index.php/IJFGCN">http://www.sersc.org/journals/index.php/IJFGCN</a> .	SDG9	No
194	CA	Journal	Dr. Sudha Rajesh <a href="#">et.al</a>	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

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
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:18.0002.IJAEMA.2021.V13I7.200001.015685901264 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

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
201	CA	Journal	Dr. Sudha Rajesh <a href="#">et.al</a>	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, <b>T. R. Tamilarasan</b> , R Pandurangan	Tribological Properties Evaluation of Newly Developed Friction Material for Automotive Disc Brake Pad	SAE Technical Paper (No. 2020-28-0511)	2020	<a href="https://sae.mobilus.sae.org/content/2020-28-0511/#abstract">https://sae.mobilus.sae.org/content/2020-28-0511/#abstract</a>	9	No
203	Auto	Journal	Syed, Zeenath Fathima, <b>T. R. Tamilarasan</b> , 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	<a href="https://www.inderscienceonline.com/doi/abs/10.1504/IJMATEI.2020.108884">https://www.inderscienceonline.com/doi/abs/10.1504/IJMATEI.2020.108884</a>	9	Yes

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

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

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
210	Auto	Journal	<b>C Dineshkumar</b>	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	<b>C Dineshkumar</b>	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	<a href="https://www.testmagzine.biz/index.php/testmagzine/issue/view/7">https://www.testmagzine.biz/index.php/testmagzine/issue/view/7</a>	SDG 9	Yes
212	Auto	Journal	<b>C Dineshkumar</b>	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	<a href="https://www.ijitee.org/wp-content/uploads/papers/v8i10/J93770881019.pdf">https://www.ijitee.org/wp-content/uploads/papers/v8i10/J93770881019.pdf</a>	SDG 9	Yes



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
213	Auto	Journal	<b>C Dineshkumar</b>	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	<a href="https://www.ijsat.org/wp-content/uploads/papers/v8i6/F8731088619.pdf">https://www.ijsat.org/wp-content/uploads/papers/v8i6/F8731088619.pdf</a>	SDG 9	Yes
214	Auto	Journal	<b>C.K. Arvinda Pandian</b>	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	<a href="https://www.tandfonline.com/doi/abs/10.1080/1023666X.2019.1668141?journalCode=gpac20">https://www.tandfonline.com/doi/abs/10.1080/1023666X.2019.1668141?journalCode=gpac20</a>	SDG 9	Yes
215	Auto	Journal	<b>C.K. Arvinda Pandian</b>	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	<a href="https://www.sae.org/publications/technical-papers/content/2019-28-0171/">https://www.sae.org/publications/technical-papers/content/2019-28-0171/</a>	SDG 9	Yes

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
216	Auto	Journal	L Annagowsalya, <b>P D Jeyakumar</b> , 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 (thermalfuidscentral.org)	SDG7	no
217	Auto	Journal	P Arjunraj, M Subramanian, <b>Jeyakumar P D</b> , 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	<b>Revathi Purushothman</b> , 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	<a href="https://onlinelibrary.wiley.com/doi/abs/10.1002/pen.25015">https://onlinelibrary.wiley.com/doi/abs/10.1002/pen.25015</a>	SDG 9	NO

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
219	Polymer	Journal	<b>Revathi Purushothman</b> , HariShankar Vaitinadin	Inclusion of covalent triazine framework into fluorinated polyimides to obtain composites with low dielectric constant	Applied Polymer Science	2020	<a href="https://onlinelibrary.wiley.com/doi/abs/10.1002/app.49083">https://onlinelibrary.wiley.com/doi/abs/10.1002/app.49083</a>	SDG 9	NO
220	Polymer	Journal	D. Murali Manohar, B.C. Chakraborty and <b>S. Shamshath Begum</b> ,	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	<a href="https://doi.org/10.32381/JPM.2020.37.1-2.7">https://doi.org/10.32381/JPM.2020.37.1-2.7</a>	SDG 9	NO
221	Polymer	Journal	<b>D. Murali Manohar</b> , B.C. Chakraborty and S. Shamshath Begum	Hardness – Elastic Modulus Relationship for Nitrile Rubber and Nitrile Rubber - Polyvinyl Chloride Blends	Advances in Design and Thermal Systems, Lecture Notes in Mechanical Engineering – Springer Publications - Book Chapter	2020	<a href="https://doi.org/10.1007/978-981-33-6428-8_24">https://doi.org/10.1007/978-981-33-6428-8_24</a>	SDG 9	NO

SI.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
222	Polymer	Journal	Sriram Srinivasan, Abbas Saifee Valsadwala, D.Karthik, D.Suganandam and <b>S. Shamshath Begum</b>	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	<a href="https://doi.org/10.1007/978-981-33-6428-8_15">https://doi.org/10.1007/978-981-33-6428-8_15</a>	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	<a href="http://sersc.org/journals/index.php/IJAST/article/view/20426">http://sersc.org/journals/index.php/IJAST/article/view/20426</a>	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	<a href="https://link.springer.com/article/10.1007/s00500-020-05474-7">https://link.springer.com/article/10.1007/s00500-020-05474-7</a>	SDG 9	No

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
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	<a href="https://link.springer.com/content/pdf/10.1007/s11277-020-07514-9.pdf">https://link.springer.com/content/pdf/10.1007/s11277-020-07514-9.pdf</a>	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	<a href="http://thedeengineering.com/index.php/DE/article/view/2100">http://thedeengineering.com/index.php/DE/article/view/2100</a>	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	<a href="http://thedeengineering.com/index.php/DE/article/view/2207">http://thedeengineering.com/index.php/DE/article/view/2207</a>	SDG 9	No

SI.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
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	<a href="https://www.jjitee.org/wp-content/uploads/papers/v8i12/L28461081219.pdf">https://www.jjitee.org/wp-content/uploads/papers/v8i12/L28461081219.pdf</a>	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	<a href="https://www.igi-global.com/journal/international-journal-web-based-learning/1081">https://www.igi-global.com/journal/international-journal-web-based-learning/1081</a>	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	<a href="https://link.springer.com/article/10.1007/s10772-021-09868-2">https://link.springer.com/article/10.1007/s10772-021-09868-2</a>	SDG 3	No

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
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	<a href="http://rbu.ac.in/home/page/103">http://rbu.ac.in/home/page/103</a>	SDG 12	No
232	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	<a href="https://content.iospress.com/articles/journal-of-x-ray-science-and-technology/xst210976">https://content.iospress.com/articles/journal-of-x-ray-science-and-technology/xst210976</a>	SDG 9	No

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
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	<a href="http://www.ceai.srait.ro/index.php?journal=ceai&amp;page=article&amp;op=view&amp;path%5B%5D=7106">http://www.ceai.srait.ro/index.php?journal=ceai&amp;page=article&amp;op=view&amp;path%5B%5D=7106</a>	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



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
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	<a href="https://www.researchgate.net/publication/344265709_Pso-based-Task-Scheduling-Algorithm-Using-Adaptive-Load-Balancing-Approach-For-Cloud-Computing-Environment-">https://www.researchgate.net/publication/344265709_Pso-based-Task-Scheduling-Algorithm-Using-Adaptive-Load-Balancing-Approach-For-Cloud-Computing-Environment-</a>	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	<a href="http://www.ijstr.org/paper-references.php?ref=IJSTR-1119-24728">http://www.ijstr.org/paper-references.php?ref=IJSTR-1119-24728</a>	SDG 9	No

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
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	<a href="https://just.org/wp-content/uploads/2020/10/Optimized-Hyper-Heuristic-Scheduling-using-Adaptive-Load-Balancing-Algorithm-in-Cloud-Computing.pdf">https://just.org/wp-content/uploads/2020/10/Optimized-Hyper-Heuristic-Scheduling-using-Adaptive-Load-Balancing-Algorithm-in-Cloud-Computing.pdf</a>	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	<a href="https://www.inderscienceonline.com/doi/abs/10.1504/IJC.C.2020.112317">https://www.inderscienceonline.com/doi/abs/10.1504/IJC.C.2020.112317</a>	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: <a href="https://doi.org/10.26438/ijcse/v8i10.8388">https://doi.org/10.26438/ijcse/v8i10.8388</a> .	2020	<a href="https://www.ijcseonline.org/pdf_paper_view.php?paper_id=5236&amp;16-IJCSE-08361.pdf">https://www.ijcseonline.org/pdf_paper_view.php?paper_id=5236&amp;16-IJCSE-08361.pdf</a>	SDG 9	Yes

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
240	CA	Journal	Wasiur Rhmann, Ansari, G.A	Ensemble Techniques-Based Software fault Prediction in an Open Source Project	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	<a href="https://doi.org/10.1016/j.bspc.2019.101755">https://doi.org/10.1016/j.bspc.2019.101755</a>	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	<a href="https://www.psychosocial.com/article/PR280111/15916">https://www.psychosocial.com/article/PR280111/15916</a>	SDG 9	No

SI.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
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	<a href="https://doi.org/10.1108/IJIUS-09-2020-0043">https://doi.org/10.1108/IJIUS-09-2020-0043</a>	SDG 9	No
245	CA	Journal	<a href="#">M. Mohamed Divan</a> , <a href="#">Masood, A. R. Arunarani</a> , <a href="#">D. Manjula &amp; Vijayan Sugumaran</a>	An efficient algorithm for identifying (l, d) motif from huge DNA datasets	Journal of Ambient Intelligence and Humanized Computing (2021) 12:485–495 <a href="https://doi.org/10.1007/s12652-020-02013-y">https://doi.org/10.1007/s12652-020-02013-y</a>	2020	<a href="https://link.springer.com/article/10.1007%2Fs12652-020-02013-y#auth-Vijayan-Sugumaran">https://link.springer.com/article/10.1007%2Fs12652-020-02013-y#auth-Vijayan-Sugumaran</a>	SDG 9	No
246	CA	Journal	<a href="#">A.Salman</a> , <a href="#">Ayaz,A.Jaya,Zameer Gulzar</a>	Recommendation-Based MetaSearch Engine for Suggesting Relevant Documents Links	International Journal of Information and Communication Technology Education Copyright © 2020, IGI Global.	2020	<a href="https://doi.org/10.4018/IJICTE.2020100106">https://doi.org/10.4018/IJICTE.2020100106</a>	SDG9	No

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
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). <a href="http://www.sersc.org/journals/index.php/IJFGCN">http://www.sersc.org/journals/index.php/IJFGCN</a> .	SDG9	No
248	CA	Journal	Dr. Sudha Rajesh <a href="#">et.al</a>	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

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
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:18.0002.IJAEMA.2021.V13I7.200001.015685901264 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

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
255	CA	Journal	Dr. Sudha Rajesh <a href="#">et.al</a>	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	<a href="https://www.sciencedirect.com/science/article/abs/pii/S1878818118309411">https://www.sciencedirect.com/science/article/abs/pii/S1878818118309411</a>	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	<a href="https://pubmed.ncbi.nlm.nih.gov/30919178/">https://pubmed.ncbi.nlm.nih.gov/30919178/</a>	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	<a href="https://www.sciencedirect.com/science/article/pii/S2225411018308708">https://www.sciencedirect.com/science/article/pii/S2225411018308708</a>	SDG 3 Good Health and well being, SDG 15 Life on Land	No

SI.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
259	SLS	Journal	Tahira Akther and S. Hemalatha	Mycosilver Nanoparticles: Synthesis, characterization and screening the efficacy against plant pathogenic fungi,	Bionanoscience	2019	<a href="https://link.springer.com/article/10.1007/s12668-019-0607-y">https://link.springer.com/article/10.1007/s12668-019-0607-y</a>	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	<a href="https://jns.kashanu.ac.ir/article_88820_8161c7354d5b7c860f4454a52150b498.pdf">https://jns.kashanu.ac.ir/article_88820_8161c7354d5b7c860f4454a52150b498.pdf</a>	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	<a href="https://link.springer.com/article/10.1007/s42161-019-00268-9">https://link.springer.com/article/10.1007/s42161-019-00268-9</a>	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	<a href="https://www.sciencedirect.com/science/article/abs/pii/S1878818119305006">https://www.sciencedirect.com/science/article/abs/pii/S1878818119305006</a>	SDG 3 Good Health and well being, SDG 15 Life on Land	No



SI.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
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	<a href="https://www.sciencedirect.com/science/article/abs/pii/S1878818118308661?via%3Dihub">https://www.sciencedirect.com/science/article/abs/pii/S1878818118308661?via%3Dihub</a>	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	<a href="https://link.springer.com/article/10.1007/s13204-019-01208-w">https://link.springer.com/article/10.1007/s13204-019-01208-w</a>	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	<a href="https://www.sciencedirect.com/science/article/abs/pii/S187881811930800X">https://www.sciencedirect.com/science/article/abs/pii/S187881811930800X</a>	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	<a href="https://www.sciencedirect.com/science/article/abs/pii/S1878818119309107">https://www.sciencedirect.com/science/article/abs/pii/S1878818119309107</a>	SDG 3 Good Health and well being, SDG 15 Life on Land	No

SI.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
267	SLS	Journal	Ranjani. S, Shariq Ahmed. M, Ruckmani, K, S. Hemalatha	Green nanocolloids control Multi drug resistant pathogenic bacteria	J.Cluster Sci	2019	<a href="https://link.springer.com/article/10.1007/s10876-019-01694-6">https://link.springer.com/article/10.1007/s10876-019-01694-6</a>	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	<a href="http://rasayanjournal.co.in/admin/php/upload/728_pdf.pdf">http://rasayanjournal.co.in/admin/php/upload/728_pdf.pdf</a>	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	<a href="https://pubmed.ncbi.nlm.nih.gov/31309423/">https://pubmed.ncbi.nlm.nih.gov/31309423/</a>	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	<a href="https://www.sciencedirect.com/science/article/abs/pii/S1878818119307248">https://www.sciencedirect.com/science/article/abs/pii/S1878818119307248</a>	SDG 3 Good Health and well being, SDG 15 Life on Land	No

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
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	<a href="https://pubmed.ncbi.nlm.nih.gov/31679281/">https://pubmed.ncbi.nlm.nih.gov/31679281/</a>	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	<a href="https://www.sciencedirect.com/science/article/abs/pii/S187881811930427X?via%3Dihub">https://www.sciencedirect.com/science/article/abs/pii/S187881811930427X?via%3Dihub</a>	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	<a href="http://rasayanjournal.co.in/admin/php/upload/798_pdf.pdf">http://rasayanjournal.co.in/admin/php/upload/798_pdf.pdf</a>	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	<a href="https://www.sciencedirect.com/science/article/abs/pii/S1878818119301677">https://www.sciencedirect.com/science/article/abs/pii/S1878818119301677</a>	SDG2-Zero hunger	No

SI.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
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	<a href="https://doi.org/10.1016/j.bcab.2019.101212">https://doi.org/10.1016/j.bcab.2019.101212</a>	SDG2	Yes
276	SLS	Journal	Sneha U, Karthikeyan Ramalingam	Bactericidal activity of ayurvedic formulation against cariogenic microorganisms	Biocatalysis and Agricultural Biotechnology	2019	<a href="https://www.sciencedirect.com/science/article/abs/pii/S1878818118306741?via%3Dihub">https://www.sciencedirect.com/science/article/abs/pii/S1878818118306741?via%3Dihub</a>	SDG 3 Good Health and well being, SDG 15 Life on Land	yes
277	SLS	Journal	MohdHashim Khan, KarthikeyanRamalingam	Synthesis of antimicrobial nanoemulsions and its effectuality for the treatment of multi-drug resistant ESKAPE pathogens	Biocatalysis and Agricultural Biotechnology	2019	<a href="https://www.sciencedirect.com/science/article/abs/pii/S1878818118309411">https://www.sciencedirect.com/science/article/abs/pii/S1878818118309411</a>	SDG3: Good Health and Well Being	yes
278	SLS	Journal	Saravanan Sankaran, Karthikeyan Ramalingam	Microbiologically Induced Corrosion Behavior of CitrobacterFreundii, Isolated from Corroded Water Pipeline and its THPS Inhibition Analysis	Asian Journal of Microbiology, Biotechnology and Environmental Science	2019	<a href="http://www.envirobiotechjournals.com/article_abstract.php?aid=9944&amp;iid=282&amp;jid=1">http://www.envirobiotechjournals.com/article_abstract.php?aid=9944&amp;iid=282&amp;jid=1</a>	SDG3: Good Health and Well Being	yes

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
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	<a href="http://www.nanobe.org/Data/View/607">http://www.nanobe.org/Data/View/607</a>	SDG3: Good Health and Well Being	yes
280	SLS	Journal	Karthikeyan Ramalingam, Valerie A. Lee	Biotic and abiotic substrates in enhancing the Acinetobacterbaumannii biofilm formation: New approach with extra cellular matrix and slanting glass cover-slips technique	The Journal of General and Applied Microbiology	2019	<a href="https://www.jstage.jst.go.jp/article/jgam/65/2/65_2018.05.004/article/-char/en">https://www.jstage.jst.go.jp/article/jgam/65/2/65_2018.05.004/article/-char/en</a>	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- $\beta$ and INF $\gamma$ in Peripheral Blood Mononuclear Cells (PBMCs) Cultured in Conditioned medium (CM) of K562 cell culture	Journal of Environmental Pathology, Toxicology and Oncology	2019	<a href="https://www.dl.begellhouse.com/journals/0ff459a57a4c08d0,2a1f3ff2521fee54,3973f29148deefa4.html">https://www.dl.begellhouse.com/journals/0ff459a57a4c08d0,2a1f3ff2521fee54,3973f29148deefa4.html</a>	SDG3	NO

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
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	<a href="https://pubmed.ncbi.nlm.nih.gov/30394058/">https://pubmed.ncbi.nlm.nih.gov/30394058/</a>	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	<a href="https://link.springer.com/article/10.1007%2Fs13205-019-1707-7">https://link.springer.com/article/10.1007%2Fs13205-019-1707-7</a>	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	<a href="https://www.sciencedirect.com/science/article/pii/S1878818119307182">https://www.sciencedirect.com/science/article/pii/S1878818119307182</a>	SDG 3 Good Health and well being, SDG 15 Life on Land	No

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
285	SLS	Journal	Saranya ShivashankarAswini Murali, M.K.Sangeetha,	Molecular interaction of phytochemicals with snake venom: Phytochemicals of Andrographis paniculata inhibits phospholipase A2 of Russell's viper (Daboia russelli)	Biocatalysis and Agricultural Biotechnology	2019	<a href="https://doi.org/10.1016/j.bcab.2019.101058">https://doi.org/10.1016/j.bcab.2019.101058</a>	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, Kerriallacca (Kerr) (Hemiptera: Tachardiidae)	Meta Gene	2019	<a href="https://www.semanticscholar.org/paper/Isolation-and-identification-of-culturable-bacteria-Shamim-Sharma/ce515840cb67e6776488ba8689eb7807a56085bc">https://www.semanticscholar.org/paper/Isolation-and-identification-of-culturable-bacteria-Shamim-Sharma/ce515840cb67e6776488ba8689eb7807a56085bc</a>	SDG15 Life on Land	No

SI.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
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	<a href="https://doi.org/10.1016/j.jphotobiol.2018.11.017">https://doi.org/10.1016/j.jphotobiol.2018.11.017</a>	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	<a href="https://doi.org/10.1038/s41598-019-42112-1">https://doi.org/10.1038/s41598-019-42112-1</a>	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	<a href="https://doi.org/10.1016/j.bcab.2018.11.025">https://doi.org/10.1016/j.bcab.2018.11.025</a>	SDG2	No



SI.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
290	SLS	Journal	Madeleine NinaMback., MubarakAli, D., FabriceFekamBoyom, Pierre MichelJazetDongmo, and N. Thajuddin	Anti-candidal biofilm potential of solvent extracts of <i>Acollanthuscucullathus</i> (Ryding) and its physico-chemical analysis	Biocatalysis and Agricultural Biotechnology	2019	<a href="https://doi.org/10.1016/j.bcab.2019.01.012">https://doi.org/10.1016/j.bcab.2019.01.012</a>	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	<a href="https://www.semanticscholar.org/paper/Solution-plasma-process%3A-An-option-to-degrade-A-in-MubarakAli-Park/72d8c1c1875b040d8b9567ca02a7f227519b044f">https://www.semanticscholar.org/paper/Solution-plasma-process%3A-An-option-to-degrade-A-in-MubarakAli-Park/72d8c1c1875b040d8b9567ca02a7f227519b044f</a>	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	<a href="https://doi.org/10.1016/j.bcab.2019.01.048">https://doi.org/10.1016/j.bcab.2019.01.048</a>	SDG2	No

SI.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
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	<a href="https://doi.org/10.1016/j.bcab.2019.101069">https://doi.org/10.1016/j.bcab.2019.101069</a>	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	<a href="https://doi.org/10.1021/acsabm.8b00647">https://doi.org/10.1021/acsabm.8b00647</a>	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	<a href="https://pubmed.ncbi.nlm.nih.gov/31603055/">https://pubmed.ncbi.nlm.nih.gov/31603055/</a>	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	<a href="https://doi.org/10.1016/j.bcab.2019.101412">https://doi.org/10.1016/j.bcab.2019.101412</a>	SDG2	Yes

SI.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
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	<a href="http://dx.doi.org/10.15414/jmbfs.2019.9.1.21-24">http://dx.doi.org/10.15414/jmbfs.2019.9.1.21-24</a>	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	<a href="https://www.longdom.org/open-access/cancerfighting-phytochemicals-another-look-2155-983X-1000162.pdf">https://www.longdom.org/open-access/cancerfighting-phytochemicals-another-look-2155-983X-1000162.pdf</a>	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	<a href="https://www.eurekaselect.com/179506/article">https://www.eurekaselect.com/179506/article</a>	SDG 3 Good Health and well being, SDG 15 Life on Land	No

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
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	<a href="https://www.sciencedirect.com/science/article/abs/pii/S1359511319304271">https://www.sciencedirect.com/science/article/abs/pii/S1359511319304271</a>	SDG 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	<a href="https://pubmed.ncbi.nlm.nih.gov/31914907/">https://pubmed.ncbi.nlm.nih.gov/31914907/</a>	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	<a href="https://link.springer.com/article/10.1007/s12035-019-01862-9#:~:text=Nano%2Dencapsulated%20drug%20delivery%20on,of%20motor%20or%20other%20deficits.">https://link.springer.com/article/10.1007/s12035-019-01862-9#:~:text=Nano%2Dencapsulated%20drug%20delivery%20on,of%20motor%20or%20other%20deficits.</a>	SDG 3 Good Health and well being, SDG 15 Life on Land	No

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
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	<a href="https://www.fbscience.com/Landmark/articles/10.2741/4865">https://www.fbscience.com/Landmark/articles/10.2741/4865</a>	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	<a href="https://doi.org/10.1016/j.bcab.2020.101595">https://doi.org/10.1016/j.bcab.2020.101595</a> 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	<a href="https://www.nature.com/articles/s41598-020-64128-8">https://www.nature.com/articles/s41598-020-64128-8</a>	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	<a href="https://pubmed.ncbi.nlm.nih.gov/32114448/">https://pubmed.ncbi.nlm.nih.gov/32114448/</a>	SDG 3 Good Health and well being, SDG 15 Life on Land	No

SI.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
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	<a href="https://pharmascope.org/index.php/ijrps/article/view/2292/4494">https://pharmascope.org/index.php/ijrps/article/view/2292/4494</a>	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	<a href="https://www.meta.org/papers/utilization-of-plant-derived-myricetin-molecule/32468137">https://www.meta.org/papers/utilization-of-plant-derived-myricetin-molecule/32468137</a>	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	<a href="https://www.tandfonline.com/doi/abs/10.1080/24701556.2020.1784231?journalCode=lsrt21">https://www.tandfonline.com/doi/abs/10.1080/24701556.2020.1784231?journalCode=lsrt21</a>	SDG 3 Good Health and well being, SDG 15 Life on Land	No
310	SLS	Journal	Mohebbali 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	<a href="https://onlinelibrary.wiley.com/doi/full/10.1002/jbt.22587">https://onlinelibrary.wiley.com/doi/full/10.1002/jbt.22587</a>	SDG 3 Good Health and well being, SDG 15 Life on Land	Yes

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
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	<a href="https://www.sciencedirect.com/science/article/abs/pii/S2213343720307144">https://www.sciencedirect.com/science/article/abs/pii/S2213343720307144</a>	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 nosacomial infection.	Inorganic and Nano-Metal Chemistry	2020	<a href="https://www.tandfonline.com/doi/abs/10.1080/24701556.2020.1814332?journalCode=lsrt21">https://www.tandfonline.com/doi/abs/10.1080/24701556.2020.1814332?journalCode=lsrt21</a>	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	<a href="https://www.tandfonline.com/doi/abs/10.1080/24701556.2020.1811326?journalCode=lsrt21">https://www.tandfonline.com/doi/abs/10.1080/24701556.2020.1811326?journalCode=lsrt21</a>	SDG 3 Good Health and well being, SDG-14- Life below water, SDG 15 Life on Land	No

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
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	<a href="https://www.sciencedirect.com/science/article/abs/pii/S1878818118309411#:~:text=The%20micro%2Ddilution%20method%20was,respectively%2C%20against%20all%20test%20pathogens.">https://www.sciencedirect.com/science/article/abs/pii/S1878818118309411#:~:text=The%20micro%2Ddilution%20method%20was,respectively%2C%20against%20all%20test%20pathogens.</a>	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	<a href="https://www.chcmj.ac.in/pdf/vol9no1/TANp.pdf">https://www.chcmj.ac.in/pdf/vol9no1/TANp.pdf</a>	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 BiVO4 nanoparticles for environmental applications	RSC Advances	2020	<a href="https://doi.org/10.1039/D0RA01065K">https://doi.org/10.1039/D0RA01065K</a>	SDG7	No



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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	<a href="https://doi.org/10.1016/j.bcab.2020.101701">https://doi.org/10.1016/j.bcab.2020.101701</a>	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	<a href="https://doi.org/10.1016/j.procbio.2020.09.011">https://doi.org/10.1016/j.procbio.2020.09.011</a>	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	<a href="https://amb-express.springeropen.com/articles/10.1186/s13568-020-01104-5">https://amb-express.springeropen.com/articles/10.1186/s13568-020-01104-5</a>	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	<a href="https://www.tandfonline.com/doi/abs/10.1080/24701556.2020.1812644">https://www.tandfonline.com/doi/abs/10.1080/24701556.2020.1812644</a>	SDG 3 Good Health and well being, SDG 15 Life on Land	Yes

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
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	<a href="https://pubmed.ncbi.nlm.nih.gov/32485253/">https://pubmed.ncbi.nlm.nih.gov/32485253/</a>	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, Shafiul Haque	Emerging biomarkers and clinical significance of HPV genotyping in prevention and management of cervical cancer	Microbial Pathogenesis	2020	<a href="https://pubmed.ncbi.nlm.nih.gov/32169490/">https://pubmed.ncbi.nlm.nih.gov/32169490/</a>	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- $\beta$ -lactamase (NDM-1) inhibitors from natural compounds: a molecular docking and molecular dynamics simulation study	Journal of Biomolecular Structure and Dynamics	2020	<a href="https://pubmed.ncbi.nlm.nih.gov/31184285/">https://pubmed.ncbi.nlm.nih.gov/31184285/</a>	SDG 3 Good Health and well being, SDG 15 Life on Land	No

SI.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
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	<a href="https://ui.adsabs.harvard.edu/abs/2021JMoSt122529153S/abstract">https://ui.adsabs.harvard.edu/abs/2021JMoSt122529153S/abstract</a>	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	Cymbobogan citratus nanocolloids- in the treatment of Bovine Mastitis	International Journal of Advance Study and Research Work	2020	<a href="https://www.ijasrw.com/pdf/ICROIRT20/IJConfA94.pdf">https://www.ijasrw.com/pdf/ICROIRT20/IJConfA94.pdf</a>	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	<a href="https://www.ijasrw.com/pdf/ICROIRT20/IJConfA93.pdf">https://www.ijasrw.com/pdf/ICROIRT20/IJConfA93.pdf</a>	SDG 3 Good Health and well being, SDG-14- Life below water, SDG 15 Life on Land	No

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
327	SLS	Journal	Rubeena Khaliq, Pervaiz Iqbal, Sanaullah Kuchay, Ashok Kumar Pandurangan	Strong association and effect of lifestyle and clinicopathological risk factors in colorectal cancer during treatment process: a study based on Kashmiri population	Toxicology and Environmental Health Sciences	2020	<a href="https://link.springer.com/article/10.1007/s13530-020-00071-5">https://link.springer.com/article/10.1007/s13530-020-00071-5</a>	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	<a href="https://www.eurekaselect.com/189772/article">https://www.eurekaselect.com/189772/article</a>	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	<a href="https://www.jelsciences.com/articles/jbres1147.php">https://www.jelsciences.com/articles/jbres1147.php</a>	SDG3- Good health and well being	Yes

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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	<a href="https://www.tandfonline.com/doi/abs/10.1080/24701556.2020.1852429?journalCode=lsrt21">https://www.tandfonline.com/doi/abs/10.1080/24701556.2020.1852429?journalCode=lsrt21</a>	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	<a href="https://www.tandfonline.com/doi/abs/10.1080/24701556.2020.1852426?journalCode=lsrt21">https://www.tandfonline.com/doi/abs/10.1080/24701556.2020.1852426?journalCode=lsrt21</a>	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	<a href="https://pubmed.ncbi.nlm.nih.gov/32740799/">https://pubmed.ncbi.nlm.nih.gov/32740799/</a>	SDG 3 Good Health and well being, SDG 15 Life on Land	Yes

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
333	SLS	Journal	Sabiha Sulthana H. B, Ranjani S & Hemalatha S	<i>Comparison of efficacy of nanoparticles synthesized from leaves and flowers of Russelia equisetiformis</i>	Inorganic and Nano-Metal Chemistry	2020	<a href="https://www.tandfonline.com/doi/abs/10.1080/24701556.2020.1862218?journalCode=lsrt21">https://www.tandfonline.com/doi/abs/10.1080/24701556.2020.1862218?journalCode=lsrt21</a>	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	<a href="https://www.tandfonline.com/doi/abs/10.1080/24701556.2020.1862219?journalCode=lsrt21">https://www.tandfonline.com/doi/abs/10.1080/24701556.2020.1862219?journalCode=lsrt21</a>	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	<a href="https://www.sciencedirect.com/science/article/pii/S030479720314377#!">https://www.sciencedirect.com/science/article/pii/S030479720314377#!</a>	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 Vigna radiata	<i>International Journal of Nano Dimension</i>	2020	<a href="http://www.ijnd.ir/article_676381.html">http://www.ijnd.ir/article_676381.html</a>	SDG 2 - Zero hunger	No

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
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, Diaporthe sp	<i>Process Biochemistry</i>	2020	<a href="http://doi.org/10.1016/j.procbio.2020.12.002">http://doi.org/10.1016/j.procbio.2020.12.002</a>	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	<a href="http://www.aelsindia.com/current.htm">http://www.aelsindia.com/current.htm</a>	SG 3 Good Health and well being & SDG6: Clean Water and Sanitation	No
339	SLS	Journal	Mohejali 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	<a href="https://onlinelibrary.wiley.com/doi/abs/10.1002/jbt.22587">https://onlinelibrary.wiley.com/doi/abs/10.1002/jbt.22587</a>	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	International Journal of Advanced science and Technology	2020		SDG12	No

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
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	<a href="http://www.etasr.com/index.php/ETASR/article/download/3419/2270/">http://www.etasr.com/index.php/ETASR/article/download/3419/2270/</a>	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	<a href="https://www.ijrte.org/wp-content/uploads/papers/v8i3/C3934098319.pdf">https://www.ijrte.org/wp-content/uploads/papers/v8i3/C3934098319.pdf</a>	SDG9	No



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
346	EIE	Journal	D Najumnissa Jamal,	Design of angle measuring device for Synovial Joint Applications	GEDRAG & ORGANISATIE Review	2020	<a href="http://lemma-tijdschriften.com/gallery/goj-1772.pdf">http://lemma-tijdschriften.com/gallery/goj-1772.pdf</a>	SDG3	No
347	EIE	Journal	D Najumnissa Jamal,	Intelligent Plant Disease Identification System Using Machine Learning, Engineering Proceedings, MDPI	MDPI Journal	2020	<a href="https://www.mdpi.com/2673-4591/2/1/49">https://www.mdpi.com/2673-4591/2/1/49</a>	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	<a href="https://www.inderscienceonline.com/doi/abs/10.1504/EG.2020.105254">https://www.inderscienceonline.com/doi/abs/10.1504/EG.2020.105254</a>	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	<a href="http://www.jcreview.com/fulltext/197-1594818834.pdf">http://www.jcreview.com/fulltext/197-1594818834.pdf</a>	SDG-7	No

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
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	<a href="http://www.jcreview.com/fulltext/197-1594818834.pdf">http://www.jcreview.com/fulltext/197-1594818834.pdf</a>	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	<a href="https://doi.org/10.1016/j.measurement.2019.05.102">https://doi.org/10.1016/j.measurement.2019.05.102</a>	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

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
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	<a href="https://doi.org/10.1016/j.csite.2019.100441">https://doi.org/10.1016/j.csite.2019.100441</a>	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	<a href="https://www.ijrte.org/wp-content/uploads/papers/v8i3/C3934098319.pdf">https://www.ijrte.org/wp-content/uploads/papers/v8i3/C3934098319.pdf</a>	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	<a href="http://yadda.icm.edu.pl/yadda/element/bwmeta1.element.aztech-419c22b5-44fa-4813-9379-6629b2eb8f9d/c/S.S.Rafiammal_94.pdf">http://yadda.icm.edu.pl/yadda/element/bwmeta1.element.aztech-419c22b5-44fa-4813-9379-6629b2eb8f9d/c/S.S.Rafiammal_94.pdf</a>	SDG3	Yes

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
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	<a href="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">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</a>	SDG9	No

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
361	EIE	Journal	D Najumnissa Jamal,	Multiloop FOPID Controller Design for TITO Process Using Evolutionary Algorithm	International Journal of Energy Optimization and Engineering	2019	<a href="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">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</a>	SDG9	No

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
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	<a href="https://www.researchgate.net/publication/332237640_Controller_Design_using_Quantitative_Feedback_Theory_for_Thermal_Power_Plant_Process">https://www.researchgate.net/publication/332237640_Controller_Design_using_Quantitative_Feedback_Theory_for_Thermal_Power_Plant_Process</a>	SDG12,SDG17	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	<a href="https://link.springer.com/chapter/10.1007/978-981-15-4756-0_9">https://link.springer.com/chapter/10.1007/978-981-15-4756-0_9</a>	SDG: 9	NO

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
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	<a href="https://link.springer.com/chapter/10.1007/978-1007/978-981-15-6619-6_15">https://link.springer.com/chapter/10.1007/978-981-15-6619-6_15</a>	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	<a href="https://www.deswater.com/DWT_abstracts/vol_176/176_2020_285.pdf">https://www.deswater.com/DWT_abstracts/vol_176/176_2020_285.pdf</a>	SDG-7	No

SI.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
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 <sup>th</sup> International conference on scientific research ISR-2019 renewable energy & water sustainability, at Sharm El-Sheikh, organised by Tanta University <b>Egypt</b>	2019		SDG-7	Yes
367	Mech	Conference	M.Vimala, Mohamed Thalib M, A. Muthu Manokar*, Ravishankar Sathyamurthy, A.E. Kabeel, D. Prince Winston	Experimental Invistigation of Passive and Active Inclined Solar Still: Energy and Excerygy Study	5 <sup>th</sup> International conference on scientific research ISR-2019 renewable energy & water sustainability, at Sharm El-Sheikh, organised by Tanta University <b>Egypt</b>	2019	<a href="https://doi.org/10.21203/rs.3.rs-451870/v1">DOI:10.21203/rs.3.rs-451870/v1</a>	SDG-7	Yes



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
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 <sup>th</sup> International conference on scientific research ISR-2019 renewable energy & water sustainability, at Sharm El-Sheikh, organised by Tanta University <b>Egypt</b>	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 <sup>th</sup> International conference on scientific research ISR-2019 renewable energy & water sustainability, at Sharm El-Sheikh, organised by Tanta University <b>Egypt</b>	2019		SDG-7	Yes

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
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 <sup>th</sup> International conference on scientific research ISR-2019 renewable energy & water sustainability, at Sharm El-Sheikh, organised by Tanta University <b>Egypt</b>	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 <sup>th</sup> International conference on scientific research ISR-2019 renewable energy & water sustainability, at Sharm El-Sheikh, organised by Tanta University <b>Egypt</b>	2019		SDG-7	Yes

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
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 <sup>th</sup> International conference on scientific research ISR-2019 renewable energy & water sustainability, at Sharm El-Sheikh, organised by Tanta University <b>Egypt</b>	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

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
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 (IEES-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	<a href="http://iwtc2019.website2.me/iwtc-2019">http://iwtc2019.website2.me/iwtc-2019</a>	SDG-7	Yes

SI.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
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	<a href="http://iwtc2019.website2.me/iwtc-2019">http://iwtc2019.website2.me/iwtc-2019</a>	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	<a href="http://iwtc2019.website2.me/iwtc-2019">http://iwtc2019.website2.me/iwtc-2019</a>	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

SI.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
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	<a href="http://iwtc2019.website2.me/iwtc-2019">http://iwtc2019.website2.me/iwtc-2019</a>	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	<a href="http://2019.eurobrake.net/programme/technical-programme/EB2019-MDS-029">http://2019.eurobrake.net/programme/technical-programme/EB2019-MDS-029</a>	SDG - 9	No

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
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	<a href="https://link.springer.com/chapter/10.1007/978-981-13-6374-0_63">https://link.springer.com/chapter/10.1007/978-981-13-6374-0_63</a>	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 CS	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

SI.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
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:10.1016/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	<a href="https://www.sciencedirect.com/science/article/pii/S2214785320320630">https://www.sciencedirect.com/science/article/pii/S2214785320320630</a>	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 ICM MM 2019	2020	DOI:10.1016/j.matpr.2020.01.430	SDG-9	No



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
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	<a href="https://www.sciencedirect.com/science/article/pii/S2214785320305319">https://www.sciencedirect.com/science/article/pii/S2214785320305319</a>	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 still	Materials Today Proceedings	2020	<a href="https://www.sciencedirect.com/science/article/pii/S2214785320307847">https://www.sciencedirect.com/science/article/pii/S2214785320307847</a>	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	<a href="https://iopscience.iop.org/article/10.1088/1757-899X/912/5/052016">https://iopscience.iop.org/article/10.1088/1757-899X/912/5/052016</a>	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

SI.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
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	<a href="https://www.sciencedirect.com/science/article/pii/S2214785320389689">https://www.sciencedirect.com/science/article/pii/S2214785320389689</a>	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	<a href="https://www.sciencedirect.com/science/article/pii/S2214785320338505">https://www.sciencedirect.com/science/article/pii/S2214785320338505</a>	SDG-9	No
398	Mech	Conference	Gurukarthik Babu B*, Vishnu V, Dhanasekaran V, Prince Winston D, Ravishankar Sathyamurthy, <b>Muthu Manokar A</b>	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

SI.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
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

SI.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
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

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404	ECE	Conference	R.Anitha,S.Anusooya,JeanShilpa,Pragadeesh,KiranBalaji	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	<a href="https://sme.c.ac.in/assets/images/ece/ICSMEC.pdf">https://sme.c.ac.in/assets/images/ece/ICSMEC.pdf</a>	SDG4, SDG9	No
406	ECE	Conference	P. Maya;C. Tharini	<a href="#">Performance Analysis of Lane Detection Algorithm using Partial Hough Transform</a>	<a href="#">2020 21st International Arab Conference on Information Technology (ACIT)</a>	2020	<a href="https://ieeexplore.ieee.org/document/9300083">https://ieeexplore.ieee.org/document/9300083</a>	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	<a href="https://sme.c.ac.in/assets/images/ece/ICSMEC.pdf">https://sme.c.ac.in/assets/images/ece/ICSMEC.pdf</a>	SDG4, SDG9, SDG10	No

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
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,SDG 10	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

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
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 Heterogeneous Multicore Processor	6th International 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	<a href="#">11th International Conference on Advanced Computing (ICoAC),IEEE Conference, Chennai, India</a>	2019		SDG4, SDG9	No

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413	ECE	Conference	B.Sivashanmugavalli, B. Vijayalaksmi, L.BadhreeRao, S.Samiulla	Design of 4X4 CSRR Metasurface Loaded Patch Antenna	8 <sup>th</sup> 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	<a href="https://ieeexplore.ieee.org/document/8697978">https://ieeexplore.ieee.org/document/8697978</a>	SDG4, SDG9	No
415	ECE	Conference	Indragandhi,PK Jawahar	Core Performance Based Packet Priority Router for NOC Heterogeneous Multicore Processor	6th International conference on information system design and Intelligent Application ,1-2 November ,2019, at Lendi Institute of Engineering and Technology.	2019		SDG4, SDG9	No



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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

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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

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
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	<a href="https://link.springer.com/chapter/10.1007/978-981-15-7241-8_15">https://link.springer.com/chapter/10.1007/978-981-15-7241-8_15</a>	7,12	

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
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	<a href="https://ieeexplore.ieee.org/document/9337017">https://ieeexplore.ieee.org/document/9337017</a>	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

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
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	<a href="https://link.springer.com/chapter/10.1007/978-981-16-2594-7_7">https://link.springer.com/chapter/10.1007/978-981-16-2594-7_7</a>	SDG 7, SDG 12	No

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
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	<a href="https://ieeexplore.ieee.org/document/9213724">https://ieeexplore.ieee.org/document/9213724</a>	SDG 9	Yes

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
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

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
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 ICOMPET-2021	2021	3RD ICOMPET-2021	SDG 9	No



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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	<a href="https://ieeexplore.ieee.org/abstract/document/9087326">https://ieeexplore.ieee.org/abstract/document/9087326</a>	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	<a href="https://scholar.google.com/citations?view_op=view_citation&amp;hl=en&amp;user=5EyFRoQAAAJ&amp;citation_for_view=5EyFRoQAAAJ:hqOjcs7Dif8C">https://scholar.google.com/citations?view_op=view_citation&amp;hl=en&amp;user=5EyFRoQAAAJ&amp;citation_for_view=5EyFRoQAAAJ:hqOjcs7Dif8C</a>	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	<a href="https://link.springer.com/chapter/10.1007/978-3-030-24318-0_64">https://link.springer.com/chapter/10.1007/978-3-030-24318-0_64</a>	SDG9	No

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
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	<a href="https://ieeexplore.ieee.org/abstract/document/9445188">https://ieeexplore.ieee.org/abstract/document/9445188</a>	SDG2	No

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
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'21)	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

SI.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
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

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
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

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
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 <a href="https://doi.org/10.1007/978-981-15-3338-9_4">https://doi.org/10.1007/978-981-15-3338-9_4</a>	SDG 9	NO
450	CA	Conference	Dr. Sudha Rajesh, Mr. Ashwin, Mr. John Arul	1. Smart Street Light Using IOT	Virtual International Conference on Recent Emerging Science,	2021	Published with ISBN: 978-93-5473-898-2	SDG 9	NO
451	CA	Conference	Dr. Sudha Rajesh, Mr. Ganesh, Mr. Manoj	2. Dynamic Hand Gesture Using Machine Learning Technique	Two Days International Conference on Data Science and Information Ecosystem	2021	Published	SDG 9	NO
452	CA	Conference	Dr. Sudha Rajesh, Mr. Musthafa	3. Authentication in UPI Using Face Recognition		2021		SDG 9	NO
453	Auto	Conference	Dineshkumar, C., A. Sonya, CK Arvinda Pandian, <b>T. R. Tamilarasan</b> , 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	<a href="https://aip.scitation.org/doi/10.1063/5.0029214">https://aip.scitation.org/doi/10.1063/5.0029214</a>	9,11	No

SI.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
454	Auto	Conference	<b>C Dineshkumar</b>	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	<a href="https://aip.scitation.org/doi/10.1063/5.0029214">https://aip.scitation.org/doi/10.1063/5.0029214</a>	SDG 9	yes
455	Auto	Conference	<b>C Dineshkumar</b>	Characteristics Assessment On Riveted, Bonded And Hybrid Joints Using Gfrp composites”,	International Conference on Recent Advances in Design, Materials and Manufacturing (ICRADMM 2020)		<a href="https://www.researchgate.net/publication/351725564_Characteristics_assessment_on_riveted_bonded_and_hybrid_joints_using_GFRP_composites">https://www.researchgate.net/publication/351725564_Characteristics_assessment_on_riveted_bonded_and_hybrid_joints_using_GFRP_composites</a>	SDG 9	yes
456	Auto	Conference	<b>C Dineshkumar</b>	Analysis of thermal, dynamic and mechanical properties of hybrid alovera/hemp FRE bio-composites	International Conference on Materials Engineering and Characterization	2019	<a href="https://www.sciencedirect.com/science/article/pii/S2214785319339161">https://www.sciencedirect.com/science/article/pii/S2214785319339161</a>	SDG 9	yes

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
457	Auto	Conference	<b>C.K. Arvinda Pandian</b>	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	<a href="https://aip.scitation.org/doi/10.1063/5.0029214">https://aip.scitation.org/doi/10.1063/5.0029214</a>	SDG 9	yes
458	Auto	Conference	M Bharathiraja, Ragupathy Karu, P Arjunraj, <b>PD Jeyakumar</b>	Comparison of Concurrent Reduction of Smoke and NO <sub>x</sub> Emission Techniques	National Conference on IC Engines and Combustion	2019	Comparison of Concurrent Reduction of Smoke and NO <sub>x</sub> Emission Techniques   SpringerLink	SDG 11	no
459	Auto	Conference	Ram Anandan, <b>P D Jeya Kumar</b> , 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



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
460	Polymer	Conference	V. Sushmitha, B. Sanjay, K. Aprajith and <b>S.Shamshath Begum,</b>	Development and Characterization of Biocomposite from Natural Fibers	2 <sup>nd</sup> International Conference on Research & Developments in Engineering, Pharmacy & Management (2 <sup>nd</sup> ICRDEPM)	2020	ISBN : 979-8580864334	SDG 9	NO
461	Polymer	Conference	Abbas S.V, Mahesvaran .R, Yuvaraj. A, Sriram Srinivasan and <b>S.Shamshath Begum,</b>	Recover and Reuse of Eco Benign Polyurethane Foam	International Conference on Research and Developments in Engineering and Technology (ICRDET 2020)	2020	ISBN-13: 979-8693638365	SDG 9	NO
462	Polymer	Conference	Sriram Srinivasan, Abbas S.V, Sukanandam D, Karthik . D and <b>S.Shamshath Begum</b>	A Comparative Study on the Characteristics of Crumpled 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

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
463	Polymer	Conference	Murali Manohar D, Bikash Chandra Chakraborty and <b>S.Shamshath Begum</b>	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	<b>Basanta Kumar Behera</b> and M.Thirumurugan	The Addition of Polytetrafluoroethylene(PTFE) and graphite on Acrylonitrile Butadiene Styrene(ABS) and its effect on Mechanical and Tribological Characteristics	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	2020	DOI:10.1007/978-981-33-6428-8	SDG 9	No

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
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	<a href="https://link.springer.com/chapter/10.1007/978-981-16-2594-7_7">https://link.springer.com/chapter/10.1007/978-981-16-2594-7_7</a>	SDG 7, SDG 12	No

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
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	<a href="https://ieeexplore.ieee.org/document/9213724">https://ieeexplore.ieee.org/document/9213724</a>	SDG 9	Yes

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
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

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
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 ICOMPET-2021	2021	3RD ICOMPET-2021	SDG 9	No

SI.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
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	<a href="https://ieeexplore.ieee.org/abstract/document/9087326">https://ieeexplore.ieee.org/abstract/document/9087326</a>	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	<a href="https://scholar.google.com/citations?view_op=view_citation&amp;hl=en&amp;user=5EyFRoQAAAJ&amp;citation_for_view=5EyFRoQAAAJ:hqOjcs7Dif8C">https://scholar.google.com/citations?view_op=view_citation&amp;hl=en&amp;user=5EyFRoQAAAJ&amp;citation_for_view=5EyFRoQAAAJ:hqOjcs7Dif8C</a>	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	<a href="https://link.springer.com/chapter/10.1007/978-3-030-24318-0_64">https://link.springer.com/chapter/10.1007/978-3-030-24318-0_64</a>	SDG9	No

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
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	<a href="https://ieeexplore.ieee.org/abstract/document/9445188">https://ieeexplore.ieee.org/abstract/document/9445188</a>	SDG2	No



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
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'21)	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

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
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

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
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(ICCS P)	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

SI.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
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 <a href="https://doi.org/10.1007/978-981-15-3338-9_4">https://doi.org/10.1007/978-981-15-3338-9_4</a>	SDG 9	NO
487	CA	Conference	Dr. Sudha Rajesh, Mr. Ashwin, Mr. John Arul	1. Smart Street Light Using IOT	Virtual International Conference on Recent Emerging Science,	2021	Published with ISBN: 978-93-5473-898-2	SDG 9	NO
488	CA	Conference	Dr. Sudha Rajesh, Mr. Ganesh, Mr. Manoj	2. Dynamic Hand Gesture Using Machine Learning Technique	Two Days International Conference on Data Science and Information Ecosystem	2021	Published	SDG 9	NO
489	CA	Conference	Dr. Sudha Rajesh, Mr. Musthafa	3. Authentication in UPI Using Face Recognition		2021		SDG 9	NO

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
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	<a href="https://link.springer.com/chapter/10.1007/978-981-33-4084-8_40">https://link.springer.com/chapter/10.1007/978-981-33-4084-8_40</a>	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

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
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	<a href="https://ieeexplore.ieee.org/abstract/document/9077677">https://ieeexplore.ieee.org/abstract/document/9077677</a>	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	<a href="https://ieeexplore.ieee.org/abstract/document/9077677">https://ieeexplore.ieee.org/abstract/document/9077677</a>	SDG9	No

SI.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
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	<a href="https://www.technoarete.org/common_abstract/pdf/IJSEM/v6/i10/Ext_92134.pdf">https://www.technoarete.org/common_abstract/pdf/IJSEM/v6/i10/Ext_92134.pdf</a>	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	<a href="https://ieeexplore.ieee.org/document/8825048">https://ieeexplore.ieee.org/document/8825048</a>	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

SI.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
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



SI.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
499	EIE	Conference	Najumnissa D	Acquisition of Data From a Prototype Boiler Tube Leakage System and Analysis using ANN and Naïve 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

SI.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
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 Naïve 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

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
503	Physics	Journal	Lokanatha Reddy P., Deshmukh K., Chidambaram K., <b>Ahamed B.</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	<a href="https://www.sciencedirect.com/science/article/pii/S2214785319302135">https://www.sciencedirect.com/science/article/pii/S2214785319302135</a>	<b>SDG 7</b>	YES
504	Physics	Journal	Mohanapriya M.K., Deshmukh K., Sadasivuni K.K., Thangamani G., Chidambaram K., <b>Basheer Ahamed M.</b> , 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	<a href="https://www.sciencedirect.com/science/article/pii/S2214785319302160">https://www.sciencedirect.com/science/article/pii/S2214785319302160</a>	<b>SDG 7</b>	Yes

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
505	Physics	Journal	Ahmad, Jamil; Rehman, Wajahat Ur; Deshmukh, Kalim; Basha, Shaik Khadheer; <b>Ahamed, Basheer</b> ; Chidambaram, Kuppanna	Recent Advances in Poly (Amide-B-Ethylene) Based Membranes for Carbon Dioxide (CO <sub>2</sub> ) Capture,	Polymer-Plastics Technology And Materials, Vol. 58, no. 4, pp.366-383.	2019	<a href="https://www.tandfonline.com/doi/abs/10.1080/03602559.2018.1482921?journalCode=lp te21">https://www.tandfonline.com/doi/abs/10.1080/03602559.2018.1482921?journalCode=lp te21</a>	<b>SDG 7</b>	Yes
506	Physics	Journal	Ikram Un Nabi Lone., <b>M. Mohamed Sheik Sirajuddeen</b> (2019),	First-principles investigation of electronic, magnetic and half-metallic properties in Cr <sub>1-x</sub> Pd <sub>x</sub> 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	<a href="https://epjplus.epj.org/articles/epjplus/abs/2019/05/13360_2019_Article_12553/13360_2019_Article_12553.html">https://epjplus.epj.org/articles/epjplus/abs/2019/05/13360_2019_Article_12553/13360_2019_Article_12553.html</a>	<b>SDG 7</b>	No

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
507	Physics	Journal	S. K. Kadheer Pasha., Deepalekshmi Ponnamma., Hemalatha Parangusan., Kalim Deshmukh., Pradip Kar., Aqib Muzaffar., Mariam Al Ali Al Maadeed., <b>M. Basheer Ahamed</b> (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	<a href="https://www.tandfonline.com/doi/abs/10.1080/25740881.2019.1614327?journalCode=lp te21">https://www.tandfonline.com/doi/abs/10.1080/25740881.2019.1614327?journalCode=lp te21</a>	<b>SDG 7</b>	Yes

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
508	Physics	Journal	Aqib Muzaffar., Keerthana Muthusamy., <b>M. Basheer Ahamed</b> (2019),	" Ferrous nitrate-nickel oxide (Fe(NO <sub>3</sub> ) <sub>2</sub> -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	<a href="https://www.researchgate.net/publication/330868431_Ferrous_nitrate-nickel_oxide_FeNO32_NiO_nanospheres_incorporated_with_carbon_black_and_Polyvinylidene fluoride_PVDF_for_supercapacitor_applications">https://www.researchgate.net/publication/330868431_Ferrous_nitrate-nickel_oxide_FeNO32_NiO_nanospheres_incorporated_with_carbon_black_and_Polyvinylidene fluoride_PVDF_for_supercapacitor_applications</a>	<b>SDG 7</b>	No

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
509	Physics	Journal	Rajendra S. Dongre., Kishor Kumar Sadasivuni., <b>Kalim Deshmukh.</b> , 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	<a href="https://www.tandfonline.com/doi/abs/10.1080/25740881.2018.1563116?journalCode=lp te21">https://www.tandfonline.com/doi/abs/10.1080/25740881.2018.1563116?journalCode=lp te21</a>	<b>SDG 6</b>	Yes
510	Physics	Journal	P. Komalavalli., <b>I. B. Shameem Banu.</b> , M. Shahid Anwar (2019), "	Magnetoelectric 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	<a href="http://ore.i mmt.res.in/handle/2018/2559">http://ore.i mmt.res.in/handle/2018/2559</a>	<b>SDG 7</b>	No
511	Physics	Journal	S. Divya Lakshmi., <b>I B. Shameem Banu</b> (2019),	Tailoring the multiferroic properties of BiFeO3 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	<a href="https://en.x-mol.com/p aper/article/1304546622041198592">https://en.x-mol.com/p aper/article/1304546622041198592</a>	<b>SDG 7</b>	No

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
512	Physics	Journal	Sudandararaj A.T.S., Kumar G.S., Dhivya M., Eithiraj R.D., <b>Banu I.B.S.</b> (2019),	"Spin reorientation transition in nanoscale multiferroic PrFeO3 and its band structure calculation",	Journal of Alloys and Compounds, Vol.817, pp. 152747.	2019	<a href="https://www.semantic scholar.org/paper/Spin-reorientation-transition-in-nanoscale-PrFeO3-Sudandararaj-Kumar/241645427ce79c1eb4e1904e9d652310f10fa86d">https://www.semantic scholar.org/paper/Spin-reorientation-transition-in-nanoscale-PrFeO3-Sudandararaj-Kumar/241645427ce79c1eb4e1904e9d652310f10fa86d</a>	<b>SDG 7</b>	No



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
513	Physics	Journal	Titus Samuel Sudandararaj A., Sathish Kumar G., Dhivya M., Eithiraj R.D., <b>Banu I.B.S.</b> (2019),	"Band structure calculation and rietveld refinement of nanoscale GdFeO <sub>3</sub> with affirmation of Jahn Teller's distortion on electric and magnetic properties",	Journal of Alloys and Compounds, Vol. 783, pp.393-398.	2019	<a href="https://www.sciencedirect.com/science/article/abs/pii/S0925838818343342">https://www.sciencedirect.com/science/article/abs/pii/S0925838818343342</a>	<b>SDG 7</b>	No
514	Physics	Journal	D. Kanimozhi., <b>R. Indirajith</b> (2019),	Effects of l-Cysteine in Zinc Bis Thiourea Acetate (ZBTA) Crystal Lattice,	Journal of Electronic Materials, Vol. 48, pp.1-9.	2019	<a href="https://link.springer.com/article/10.1007/s11664-019-07259-7">https://link.springer.com/article/10.1007/s11664-019-07259-7</a>	<b>SDG 7</b>	No
515	Physics	Journal	Justin P., Anitha K., <b>Ahamed M.B.</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	<a href="https://link.springer.com/article/10.1007/s10854-019-01308-x">https://link.springer.com/article/10.1007/s10854-019-01308-x</a>	<b>SDG 7</b>	No

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
516	Physics	Journal	Kanimozhi D., <b>Indirajith R.</b> (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	<a href="https://link.springer.com/article/10.1007/s10854-019-01173-8">https://link.springer.com/article/10.1007/s10854-019-01173-8</a>	<b>SDG 7</b>	No
517	Physics	Journal	Muzaffar A., <b>Basheer Ahamed M.</b> , Deshmukh K. (2019),	Hydrothermal synthesis of ZnWO <sub>4</sub> MnO <sub>2</sub> 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	<a href="https://link.springer.com/article/10.1007/s10854-019-02498-0">https://link.springer.com/article/10.1007/s10854-019-02498-0</a>	<b>SDG 7</b>	Yes
518	Physics	Journal	S. Sasikumar, T. K. Thirumalaisamy, S. Saravanakumar, S. Asath Bahadur, D. Sivaganesh, <b>I. B. Shameem Banu</b> (2019),	"Effect of neodymium doping in BaTiO <sub>3</sub> ceramics on structural and ferroelectric properties",	Journal of Materials Science: Materials in Electronics, Vol. 31 no. , pp. 1535–1546.	2019	<a href="https://link.springer.com/article/10.1007/s10854-019-02670-6">https://link.springer.com/article/10.1007/s10854-019-02670-6</a>	<b>SDG 7</b>	No

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
519	Physics	Journal	D. Kanimozhi., S. Nandhini., <b>R. Indirajith</b> (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	<a href="https://link.springer.com/article/10.1007/s10854-019-01361-6">https://link.springer.com/article/10.1007/s10854-019-01361-6</a>	<b>SDG 7</b>	No
520	Physics	Journal	G. vijayaraghavan., M K Yaakob., M K Ahmad., M Rusop., M H Mamat., N Parimon., A S Ismail., <b>I. B. Shameem Banu., S. Sathik basha.,</b>	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	<a href="https://www.springerprofessional.de/en/structural-optical-and-electrical-evolution-of-sol-gel-immersion/16666524">https://www.springerprofessional.de/en/structural-optical-and-electrical-evolution-of-sol-gel-immersion/16666524</a>	<b>SDG 7</b>	Yes

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
521	Physics	Journal	P. Lokanatha Reddy., <b>Kalim Deshmukh.</b> , K. Chidambaram., Mohammad M. Nazeer Ali., Kishor Kumar Sadasivuni., Y. Ravi Kumar., R. Lakshmipathy., 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	<a href="https://link.springer.com/article/10.1007/s10854-019-00761-y">https://link.springer.com/article/10.1007/s10854-019-00761-y</a>	<b>SDG 7</b>	Yes
522	Physics	Journal	Lone I.U.N., <b>Sheik Sirajuddeen M.M.</b> (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	<a href="https://pubmed.ncbi.nlm.nih.gov/31753797/">https://pubmed.ncbi.nlm.nih.gov/31753797/</a>	<b>SDG 7</b>	No

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
523	Physics	Journal	M. Suresh Kumar, K. Rajesh, <b>G. V. Vijayaraghavan</b> , 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	<a href="https://www.worldscientific.com/doi/10.1142/S0218863519500231">https://www.worldscientific.com/doi/10.1142/S0218863519500231</a>	<b>SDG 7</b>	No

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
524	Physics	Journal	Lone I.U.N., <b>Sirajuddeen M.M.S.</b> , 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	<a href="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">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</a>	<b>SDG 7</b>	No

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
525	Physics	Journal	<b>Sirajuddeen M.M.S.</b> , 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	<a href="https://www.sciencedirect.com/science/article/abs/pii/S0254058419310788">https://www.sciencedirect.com/science/article/abs/pii/S0254058419310788</a>	<b>SDG 7</b>	No
526	Physics	Journal	Abdullah M.A.R., Mamat M.H., Ismail A.S., Malek M.F., Suriani A.B., Ahmad M.K., <b>Shameem Banu I.B.</b> , <b>Amiruddin R.</b> , 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	<a href="https://www.sciencedirect.com/science/article/abs/pii/S0167577X18317439">https://www.sciencedirect.com/science/article/abs/pii/S0167577X18317439</a>	<b>SDG 7</b>	Yes
527	Physics	Journal	R.G Geethu Mani., <b>G.V Vijayaraghavan.</b> , <b>M Basheer Ahamed</b> (2019),	Solid state distributed feedback laser using eosin blue dye,	Materials Research Express, Vol.6, pp.1-8.	2019	<a href="https://iopscience.iop.org/article/10.1088/2053-1591/ab1f51/meta">https://iopscience.iop.org/article/10.1088/2053-1591/ab1f51/meta</a>	<b>SDG 7</b>	No

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
528	Physics	Journal	A Sathiya Priya1 , <b>I B Shameem Banu</b> , D Geetha1 and S Sanka (2019),	"Investigations of the magnetic and dielectric behaviour of (Zr, Cu) co-doped BiFeO <sub>3</sub> -BaTiO <sub>3</sub> composite",	Materials Research Express, Vol. 6, DOI: 10.1088/2053-1591/ab3e86	2019	<a href="https://iopscience.iop.org/article/10.1088/2053-1591/ab3e86/meta">https://iopscience.iop.org/article/10.1088/2053-1591/ab3e86/meta</a>	<b>SDG 7</b>	No
529	Physics	Journal	M. Suresh Kumar, <b>G. V. Vijayaraghavan</b> , 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	<a href="https://www.tandfonline.com/doi/abs/10.1080/14328917.2020.1711573">https://www.tandfonline.com/doi/abs/10.1080/14328917.2020.1711573</a>	<b>SDG 7</b>	No
530	Physics	Journal	Wilson K.C., <b>Basheer Ahamed M.</b> (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	<a href="https://www.sciencedirect.com/science/article/pii/S0921510719302478">https://www.sciencedirect.com/science/article/pii/S0921510719302478</a>	<b>SDG 7</b>	No



SI.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
531	Physics	Journal	Ponnamma D., Cabibihan J.-J., Rajan M., Pethaiah S.S., Deshmukh K., Gogoi J.P., Pasha S.K.K., <b>Ahamed M.B.</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	<a href="https://www.sciencedirect.com/science/article/pii/S0928493118315856">https://www.sciencedirect.com/science/article/pii/S0928493118315856</a>	<b>SDG 7</b>	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., <b>Shameem Banu I.B.</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	<a href="https://www.semantic scholar.org/paper/Coupling-heterostructure-of-thickness-controlled-Yusoff-Mamat/a1def1d92c988e6110c905c3887cc1af3e6838bb">https://www.semantic scholar.org/paper/Coupling-heterostructure-of-thickness-controlled-Yusoff-Mamat/a1def1d92c988e6110c905c3887cc1af3e6838bb</a>	<b>SDG 7</b>	Yes

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
533	Physics	Journal	Ismail A.S., Mamat M.H., <b>Shameem Banu I.B.</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	<a href="https://www.sciencedirect.com/science/article/pii/S2352507X18305225">https://www.sciencedirect.com/science/article/pii/S2352507X18305225</a>	<b>SDG 7</b>	Yes
534	Physics	Journal	Muthusamy K., Muzaffar A., <b>M. Basheer Ahmed.</b> (2019),	"Synthesis and characterization of Fe(NO <sub>3</sub> ) <sub>2</sub> -NiO composite as a photocatalyst for degradation of methylene blue dye under UV-irradiation"	, Optik, Vol. 177, pp.36-45	2019	<a href="https://www.semanticscholar.org/paper/Synthesis-and-characterization-of-Fe(NO3)2-NiO-as-a-Muthusamy-Muzaffar/98f6904f6172ccf2293d19999b65aef8b7975876">https://www.semanticscholar.org/paper/Synthesis-and-characterization-of-Fe(NO<sub>3</sub>)<sub>2</sub>-NiO-as-a-Muthusamy-Muzaffar/98f6904f6172ccf2293d19999b65aef8b7975876</a>	<b>SDG 6</b>	No

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
535	Physics	Journal	Kalim Deshmukh., <b>M. Basheer Ahamed.</b> , 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	<a href="https://onlinelibrary.wiley.com/doi/abs/10.1002/pc.25356">https://onlinelibrary.wiley.com/doi/abs/10.1002/pc.25356</a>	<b>SDG 7</b>	Yes
536	Physics	Journal	Aqib Muzaffar., <b>M. Basheer Ahamed.</b> , Kalim Deshmukh, Mohammad Faisal (2019),	Electromagnetic interference shielding properties of polyvinylchloride (PVC), barium titanate (BaTiO <sub>3</sub> ) and nickel oxide (NiO) based nanocomposites,	Polymer Testing, Vol. 77, pp.1-7.	2019	<a href="https://www.sciencedirect.com/science/article/pii/S0142941819304404">https://www.sciencedirect.com/science/article/pii/S0142941819304404</a>	<b>SDG 7</b>	Yes
537	Physics	Journal	Muzaffar A., <b>Ahamed M.B.</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	<a href="https://www.sciencedirect.com/science/article/pii/S1364032118307299">https://www.sciencedirect.com/science/article/pii/S1364032118307299</a>	<b>SDG 7</b>	Yes

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
538	Physics	Journal	Parimon N., Mamat M.H., Ismail A.S., <b>Shameem Banu I.B.</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	<a href="http://ijeec.siaescore.com/index.php/IJECS/article/view/21119">http://ijeec.siaescore.com/index.php/IJECS/article/view/21119</a>	<b>SDG 7</b>	Yes
539	Physics	Journal	Viswaprakash Babu, <b>S. Sathik Basha</b> , Y. Mohamed Shuaib <sup>1</sup> , M. Manikandan <sup>2</sup> , S. Syed Enayathali <sup>4</sup> (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	<a href="https://www.semantic scholar.org/paper/A-Novel-Integration-of-Solar-Fed-Dynamic-Voltage-in-Babu-Basha/54b5cb0af59df39524fd9a04885da204392adbac">https://www.semantic scholar.org/paper/A-Novel-Integration-of-Solar-Fed-Dynamic-Voltage-in-Babu-Basha/54b5cb0af59df39524fd9a04885da204392adbac</a>	<b>SDG 7</b>	No

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
540	Physics	Journal	<b>H. Shameem Banu</b> 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	<a href="https://aip.scitation.org/doi/10.1063/1.5122478">https://aip.scitation.org/doi/10.1063/1.5122478</a>	<b>SDG 7</b>	No
541	Physics	Journal	Muzaffar A., <b>Ahamed M.B.</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	<a href="https://www.x-mol.com/paper/889851?recommend">https://www.x-mol.com/paper/889851?recommend</a>	<b>SDG 7</b>	No

SI.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
542	Physics	Journal	Teli N.A., <b>Mohamed Sheik Sirajuddeen M.</b> (2019),	Half-metallic ferromagnetism in Tc and Ag doped MgO: An ab-initio study,	Computational Condensed Matter, Vol. 20, pp. e00386.	2019	<a href="https://www.semantic scholar.org/paper/Half-metallic-ferromagnetism-in-Ag-doped-ZnO%3A-An-ab-Li-Li/66af41cef7014147b49ae47e484dab1ef8440291">https://www.semantic scholar.org/paper/Half-metallic-ferromagnetism-in-Ag-doped-ZnO%3A-An-ab-Li-Li/66af41cef7014147b49ae47e484dab1ef8440291</a>	<b>SDG 7</b>	No
543	Physics	Journal	Sundareswari M., <b>Sirajuddeen M.M.S.</b> , 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	<a href="https://www.sciencedirect.com/science/article/abs/pii/S2352214319302710">https://www.sciencedirect.com/science/article/abs/pii/S2352214319302710</a>	<b>SDG 7</b>	No

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
544	Physics	Journal	Aqib Muzaffar, <b>M. Basheer Ahamed</b> , 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	<a href="https://www.tandfonline.com/doi/abs/10.1080/25740881.2020.1759634?journalCode=lp21">https://www.tandfonline.com/doi/abs/10.1080/25740881.2020.1759634?journalCode=lp21</a>	<b>SDG 7</b>	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	<a href="https://www.tandfonline.com/doi/full/10.1080/25740881.2019.1614327">https://www.tandfonline.com/doi/full/10.1080/25740881.2019.1614327</a>	<b>SDG 7</b>	Yes
546	Physics	Journal	Sudandararaj A.T.S., Kumar G.S., Dhivya M., Eithiraj R.D., <b>Banu I.B.S.</b> (2020),	"Spin reorientation transition in nanoscale multiferroic PrFeO3 and its band structure calculation",	Journal of Alloys and Compounds, Vol. 817, pp. 152747	2020	<a href="https://www.sciencedirect.com/science/article/abs/pii/S0925838819339933">https://www.sciencedirect.com/science/article/abs/pii/S0925838819339933</a>	<b>SDG 7</b>	No

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
547	Physics	Journal	Asif Rasool, <b>R. Amiruddin</b> , 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	<a href="https://aip.scitation.org/doi/abs/10.1063/5.0009960">https://aip.scitation.org/doi/abs/10.1063/5.0009960</a>	<b>SDG 7</b>	No
548	Physics	Journal	Kalim Deshmukh., Priyanka Rani., <b>M. Basheer Ahamed</b> (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	<a href="https://onlinelibrary.wiley.com/doi/abs/10.1002/app.49392">https://onlinelibrary.wiley.com/doi/abs/10.1002/app.49392</a>	<b>SDG 7</b>	No



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
549	Physics	Journal	Kossar S., Banu I.B.S., Aman N., <b>Amiruddin R.</b> (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	<a href="https://www.tandfonline.com/doi/abs/10.1080/01932691.2020.1806861?journalCode=ldis20">https://www.tandfonline.com/doi/abs/10.1080/01932691.2020.1806861?journalCode=ldis20</a>	<b>SDG 6</b>	No
550	Physics	Journal	Ahmad Teli N., <b>Mohamed Sheik Sirajuddeen M.</b> (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	<a href="https://www.semanticscholar.org/paper/Effect-of-3d-transition-metal-atoms-in-SrO-to-A-Teli-Sirajuddeen/e2e83787bc805f3ae17fb60c1bc797bc16255d6c">https://www.semanticscholar.org/paper/Effect-of-3d-transition-metal-atoms-in-SrO-to-A-Teli-Sirajuddeen/e2e83787bc805f3ae17fb60c1bc797bc16255d6c</a>	<b>SDG 7</b>	No

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
551	Physics	Journal	S SasiKumar., T K Thirumalaisamy., S Saravanakumar., S Asath Bahadur., D Sivaganesh., <b>I. B. Shameem Banu</b> (2020),.	"Effect of neodymium doping in BaTiO <sub>3</sub> ceramics on structural and ferroelectric properties",	Journal of Materials Science: Materials in Electronics, Vol.31 , pp.-1535–1546	2020	<a href="https://link.springer.com/article/10.1007/s10854-019-02670-6">https://link.springer.com/article/10.1007/s10854-019-02670-6</a>	<b>SDG 7</b>	No
552	Physics	Journal	Asif Rasool., M C Santhosh Kumar., M H Mamat., C Gopalakrishnan., <b>R. Amiruddin</b> (2020),	Analysis on diferent detection mechanisms involved in ZnO-based photodetector and photodiodes,	Journal of Materials Science: Materials in Electronics, Vol.31, pp. 7100–7113.	2020	<a href="https://www.springerprofessional.de/en/analysis-on-different-detection-mechanism-s-involved-in-zno-based/17841732">https://www.springerprofessional.de/en/analysis-on-different-detection-mechanism-s-involved-in-zno-based/17841732</a>	<b>SDG 7</b>	No

SI.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
553	Physics	Journal	N. Parimon, M. H. Mamat, <b>I. B. Shameem</b> 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	<a href="https://link.springer.com/article/10.1007%2Fs10854-020-03719-7">https://link.springer.com/article/10.1007%2Fs10854-020-03719-7</a>	<b>SDG 7</b>	Yes
554	Physics	Journal	Lone I.U.N., <b>Sheik Sirajudeen M.M.</b> (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	<a href="https://www.sciencedirect.com/science/article/abs/pii/S1093326319307764">https://www.sciencedirect.com/science/article/abs/pii/S1093326319307764</a>	<b>SDG 7</b>	No
555	Physics	Journal	Nazir Ahmad Teli., <b>M.Mohamed Sheik Sirajudeen</b> 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	<a href="https://link.springer.com/article/10.1007/s10948-020-05532-z">https://link.springer.com/article/10.1007/s10948-020-05532-z</a>	<b>SDG 7</b>	No

SI.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
556	Physics	Journal	<b>Sirajuddeen M.M.S.</b> , 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	<a href="https://www.sciencedirect.com/science/article/abs/pii/S0254058419310788">https://www.sciencedirect.com/science/article/abs/pii/S0254058419310788</a>	<b>SDG 7</b>	No
557	Physics	Journal	Syed Rahmathulla S., <b>Mohamed Sheik Sirajuddeen M.</b> (2020),	Nitrogen induced half metallic ferromagnetism in oxides of calcium and cadmium: A DFT perspective,	Materials Chemistry and Physics, Vol. 243. 122336.	2020	<a href="https://www.sciencedirect.com/science/article/abs/pii/S0254058419311514">https://www.sciencedirect.com/science/article/abs/pii/S0254058419311514</a>	<b>SDG 7</b>	No
558	Physics	Journal	M. Z. Musa, M. H. Mamat, N. Vasimalai, <b>I. B. S. Banu</b> , M. F. Malek, Mohd Khairul Ahmad, A. B. Suriani, A. Mohamed, M. Rusop (2020),	"Fabrication and structural properties of flower-like TiO2 nanorod array films grown on glass substrate without FTO layer",	Materials Letters, Vol. 273, pp. 127902.	2020	<a href="https://www.sciencedirect.com/science/article/abs/pii/S0167577X20306078">https://www.sciencedirect.com/science/article/abs/pii/S0167577X20306078</a>	<b>SDG 7</b>	Yes

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
559	Physics	Journal	Mamat M.H., Parimon N., Ismail A.S., <b>Shameem Banu I.B.</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	<a href="https://www.sciencedirect.com/science/article/abs/pii/S0025540818338601">https://www.sciencedirect.com/science/article/abs/pii/S0025540818338601</a>	<b>SDG 7</b>	Yes
560	Physics	Journal	M H Mamat., N Gopinathan., S. Sathik basha., <b>I. B. Shameem Banu.</b> , M.Mohamed Sheik Sirajudeen Abdullah (2020),	Solvents driven structural, morphological, optical and dielectric properties of lead free perovskite CH <sub>3</sub> NH <sub>3</sub> SnCl <sub>3</sub> for optoelectronic applications: Experimental and DFT study,	Materials Research Express, Vol.6, pp.- 125921.	2020	<a href="https://iopscience.iop.org/article/10.1088/2053-1591/ab6a47">https://iopscience.iop.org/article/10.1088/2053-1591/ab6a47</a>	<b>SDG 7</b>	Yes

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
561	Physics	Journal	Priyanka Rani, <b>M Basheer Ahamed</b> 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	<a href="https://iopscience.iop.org/article/10.1088/2053-1591/ab9853">https://iopscience.iop.org/article/10.1088/2053-1591/ab9853</a>	<b>SDG 7</b>	No
562	Physics	Journal	M Suresh Kumar., <b>G. Vijayaraghavan.</b> , 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	<a href="https://www.tandfonline.com/doi/abs/10.1080/14328917.2020.1711573">https://www.tandfonline.com/doi/abs/10.1080/14328917.2020.1711573</a>	<b>SDG 7</b>	No

SI.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
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., <b>Shameem Banu I.B.</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	<a href="https://ui.adsabs.harvard.edu/abs/2020Measurement..14906982Y/abstract">https://ui.adsabs.harvard.edu/abs/2020Measurement..14906982Y/abstract</a>	<b>SDG 7</b>	Yes
564	Physics	Journal	Teli N.A., <b>Sirajuddeen M.M.S.</b> (2020),	First-principles calculations of the electronic, magnetic and optical properties of rhenium-doped alkaline earth oxides,	Physica Scripta, Vol. 95, pp. 025801.	2020	<a href="https://iopscience.iop.org/article/10.1088/1402-4896/ab40ed/meta">https://iopscience.iop.org/article/10.1088/1402-4896/ab40ed/meta</a>	<b>SDG 7</b>	No

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
565	Physics	Journal	Teli N.A., <b>Mohamed Sheik Sirajuddeen M.</b> (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	<a href="https://www.sciencedirect.com/science/article/pii/S0375960120306605">https://www.sciencedirect.com/science/article/pii/S0375960120306605</a>	<b>SDG 7</b>	No
566	Physics	Journal	Kalim Deshmukh., <b>M. Basheer ahamed.</b> , 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	<a href="https://onlinelibrary.wiley.com/doi/abs/10.1002/pc.25356">https://onlinelibrary.wiley.com/doi/abs/10.1002/pc.25356</a>	<b>SDG 7</b>	Yes



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
567	Physics	Journal	Rani P., <b>Ahamed M.B.</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	<a href="https://www.sciencedirect.com/science/article/pii/S0142941820318444">https://www.sciencedirect.com/science/article/pii/S0142941820318444</a>	<b>SDG 7</b>	No
568	Physics	Journal	Teli N.A., <b>Sirajuddeen M.M.S.</b> , 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	<a href="https://www.sciencedirect.com/science/article/abs/pii/S1293255819312324">https://www.sciencedirect.com/science/article/abs/pii/S1293255819312324</a>	<b>SDG 7</b>	No

SI.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
569	Physics	Journal	Asif Rasool, <b>R. Amiruddin</b> , I. Raja Mohamed, M.C. Santhosh Kumar (2020),	Fabrication and characterization of resistive random access memory (ReRAM) devices using molybdenum trioxide (MoO <sub>3</sub> ) as switching layer,	Superlattices and Microstructures, Vol. 147, pp. 106682.	2020	<a href="https://www.sciencedirect.com/science/article/pii/S049603620312301">https://www.sciencedirect.com/science/article/pii/S049603620312301</a>	<b>SDG 7</b>	No
570	Physics	Journal	Abhirami S., <b>Sathik Basha S.</b> (2020),	Phase stabilization and effect of trivalent lanthanide substitution on Dy <sub>2</sub> FeMnO <sub>6</sub> double perovskite compounds,	Vacuum, Vol. 177, pp. 109412.	2020	<a href="https://www.sciencedirect.com/science/article/abs/pii/S0042207X20302499">https://www.sciencedirect.com/science/article/abs/pii/S0042207X20302499</a>	<b>SDG 7</b>	No
571	Physics	Journal	R.Senthil, <b>G.Vijayaragavan</b> , 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	<a href="https://www.sciencedirect.com/science/article/pii/S2468023019304195">https://www.sciencedirect.com/science/article/pii/S2468023019304195</a>	<b>SDG 7</b>	No

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
572	Physics	Journal	Elavarasi S.B., Divya S., Vishnu Priya M., <b>Sheik Sirajuddeen M.</b> (2020), .	NMR, magnetic and electronic investigations of fluorinated nanotubes with different coverage of fluorine,	Chemical Physics Letters, Vol. 742, no. -, pp. 137142	2020	<a href="https://www.sciencedirect.com/science/article/pii/S009261420300579">https://www.sciencedirect.com/science/article/pii/S009261420300579</a>	<b>SDG 7</b>	No
573	Physics	Journal	V. Ashwin, <b>Mohamed Sheik Sirajuddeen M, M. Basheer Ahamed &amp; S. Begam Elavarasi,</b> (2020),	Structural, electronic, magnetic and half-metallic properties of cubic perovskites NaBeO <sub>3</sub> and KBeO <sub>3</sub> using PBE-GGA and TB-mBJ approach: A DFT perspective,	Applied Physics A: Materials Science and Processing, Vol. 126, no. 11, pp.1-11	2020	<a href="https://link.springer.com/article/10.1007/s00339-020-03977-6">https://link.springer.com/article/10.1007/s00339-020-03977-6</a>	<b>SDG 7</b>	No

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
574	Physics	Journal	Priyanka Rani, M. <b>Basheer Ahamed</b> & 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	<a href="https://link.springer.com/article/10.1007/s10854-020-04855-w">https://link.springer.com/article/10.1007/s10854-020-04855-w</a>	<b>SDG 7</b>	No
575	Physics	Journal	Priyanka Rani, M. <b>Basheer Ahamed</b> , 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	<a href="https://onlinelibrary.wiley.com/doi/full/10.1002/app.50107">https://onlinelibrary.wiley.com/doi/full/10.1002/app.50107</a>	<b>SDG 7</b>	No

SI.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
576	Physics	Journal	Mohamad Hafiz Mamat, Norfarariyanti Parimon, Ahmad Sabirin Zoolfakar, Abdul Hadi Abdul Razak, <b>IB Banu</b> , 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	<a href="https://ir.uiTM.edu.my/id/eprint/42158/">https://ir.uiTM.edu.my/id/eprint/42158/</a>	<b>SDG 7</b>	Yes
577	Physics	Journal	N Parimon, MH Mamat, AS Zoolfakar, MF Malek, <b>IB Banu</b>	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	<a href="https://ir.uiTM.edu.my/id/eprint/42157/">https://ir.uiTM.edu.my/id/eprint/42157/</a>	<b>SDG 7</b>	No
578	Physics	Journal	S Abhirami, <b>SS Basha</b>	Phase stabilization and effect of trivalent lanthanide substitution on Dy <sub>2</sub> FeMnO <sub>6</sub> double perovskite compounds	Vacuum 177, 109412	2020	<a href="https://www.sciencedirect.com/science/article/abs/pii/S0042207X20302499">https://www.sciencedirect.com/science/article/abs/pii/S0042207X20302499</a>	<b>SDG 7</b>	No

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
579	Physics	Journal	S Kossar, <b>R Amiruddin</b> , A Rasool, NV Giridharan, D Dhayanithi, ...	Ferroelectric polarization induced memristive behavior in bismuth ferrite (BiFeO <sub>3</sub> ) based memory devices	Superlattices and Microstructures 148, 106726	2020	<a href="https://www.sciencedirect.com/science/article/pii/S0749603620312751?dgcid=rss_sd_article">https://www.sciencedirect.com/science/article/pii/S0749603620312751?dgcid=rss_sd_article</a>	<b>SDG 7</b>	No
580	Physics	Journal	NA Teli, <b>MMS Sirajuddeen</b>	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	<a href="https://www.sciencedirect.com/science/article/pii/S0375960120306605">https://www.sciencedirect.com/science/article/pii/S0375960120306605</a>	<b>SDG 7</b>	No
581	Physics	Journal	K Deshmukh, T Kovářik, A Muzaffar, <b>MB Ahamed</b> , SKK Pasha	Mechanical analysis of polymers	Polymer Science and Innovative Applications, 117-152	2020	<a href="https://www.sciencedirect.com/science/article/pii/B9780128168080000044">https://www.sciencedirect.com/science/article/pii/B9780128168080000044</a>	<b>SDG 7</b>	Yes

SI.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
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	-	Environmentally sound technologies (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

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
585	Pharm	Journal	<b>SM, Shaheedha;</b> 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	<a href="https://pharmascope.org/index.php/ijrps/article/view/24">https://pharmascope.org/index.php/ijrps/article/view/24</a>	SDG3 Mental health	No
586	Pharm	Journal	<b>SM, Shaheedha;</b> Vara Prasad M, Vijaya	Investigation for assessing dengue in children with their clinical presentations	International Journal of Research in Pharmaceutical Sciences		<a href="https://pharmascope.org/index.php/ijrps/article/view/25">https://pharmascope.org/index.php/ijrps/article/view/25</a>	SDG3 Malaria	No
587	Pharm	Journal	<b>Shaheedha SM,</b> Hemalatha	S, Anti-ulcer activity of methanol extract of Tectona grandis Linn	International Research Journal of Pharmaceutical and Applied Sciences	2020	<a href="http://dx.doi.org/10.26452/irjpas.v10i1.1210">http://dx.doi.org/10.26452/irjpas.v10i1.1210</a>	SDG3 Reducing Mortality	No
588	Pharm	Journal	Hemalatha S, <b>Shaheedha SM</b>	Comparative anti-inflammatory evaluation of five plants of Solanaceae members	International Journal of Pharmacometrics and Integrated Biosciences	2020	<a href="http://dx.doi.org/10.26452/ijpib.v5i1.1209">http://dx.doi.org/10.26452/ijpib.v5i1.1209</a>	SDG3 Reducing Mortality	No



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
589	Pharm	Journal	<b>Shaheedha S M</b> , 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	<a href="http://dx.doi.org/10.26452/ijrps.v11i3.2746">http://dx.doi.org/10.26452/ijrps.v11i3.2746</a>	SDG3 Reducing Mortality	No
590	Pharm	Journal	Brito Raj S, Boukary Obedoulaye, Sucharitha P, Saritha M, <b>Shaheedha S.M</b> , 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	<a href="https://doi.org/10.26452/ijrps.v11i4.3800">https://doi.org/10.26452/ijrps.v11i4.3800</a>	SDG3 Reducing Mortality	No

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
591	Pharm	Journal	yusuff, I, Vara Prasad, M., Shaheedha, S., Habeeb	A New Stability Indicating RP-HPLC Method Development and Validation for the Simultaneous Estimation of Dolutegravir and Rilpivirine in Bulk and its Dosage Forms.	Iranian Journal of Pharmaceutical Sciences,	2019	w.google.com/search?q=A+New+Stability+Indicating+RP-HPLC+Method+Development+and+Validation+for+the+Simultaneous+Estimation+of+Dolutegravir+and+Rilpivirine+in+Bulk+and+its+Dosage+Forms.+Iranian+Journal+of+Pharmaceutical+Sciences%2C+2019%3B+15(4)%3A+53-	SDG6 Hygine	No

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
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	<a href="https://www.pharmascope.org/index.php/ijrps/article/view/1935">https://www.pharmascope.org/index.php/ijrps/article/view/1935</a>	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

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
595	Pharm	Journal	Chong Shi Tian, 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	<a href="https://www.sciencedirect.com/science/article/pii/S266915320300706">https://www.sciencedirect.com/science/article/pii/S266915320300706</a>	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	<a href="https://www.pharmascope.org/index.php/ijrps/article/view/4532/12641">https://www.pharmascope.org/index.php/ijrps/article/view/4532/12641</a>	Literacy Skills	NO

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
597	Pharm	Journal	Narayanaswamy Harikrishnan, <b>Vjaya</b> <b>Vara Prasad M,</b> 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

## University as a body participate in international collaboration on gathering or measuring data for the SDGs

S. No	Organisation with which MoU is signed	Name of the Department Linked	Year of signing MoU	Duration	List the actual activities under each MoU year wise	SDG No.
1	Kyungdong University	BSACIST	2018-19	5 Years	Exchange of students and 70% scholarship of the tuition fees (1 semester)	SDG 4 SDG 5
2	Center for surface technology and applications korea aerospace University, Republic of Korea	Department of Aerospace Engineering, BSACIST	2018-19	3 Years	1) Joint research 2) Exchange of faculties and staff for research, teaching 3) Exchange of students for study and research 4) access to various research facilities of the institutions by collaborating faculty and students	SDG 4, SDG 17

S. No	Organisation with which MoU is signed	Name of the Department Linked	Year of signing MoU	Duration	List the actual activities under each MoU year wise	SDG No.
3	Mili Institute of Higher Education, Afghanistan	BSACIST	2018-19	5 Years	<p>Students and faculties contribution to increase international co-operation on PG programmes, Ph.D programmes , Intergrated Ph.D programmes and Research</p> <p>2. To support the MIHE in Educational Development process</p> <p>3. Cooperate in the exchange of information relating</p>	SDG 9, SDG 17
4	Miles Education pvt.Ltd. : CMA (US).	BSACIST	2018-19	5 years	1) Students and Faculty exchanges for research activites	SDG 4
5	Universitas Atma Jaya Yogyakarta	BSACIST	2018-19	5 years	<p>1) Promotio of joint educational training and research activities</p> <p>2) Promotion of scholar and faculty exchanges</p> <p>3) Promotion of join/dual/double degree programs</p> <p>4) Promotion of transfer credit programs</p> <p>5) Promotion of students exchange programmes</p>	SDG 4
6	Al Zaiem Al Azhari University, Sudan.	BSACIST	2017-18	3 years	Collaborate in many respects including teaching, exchange of students and faculty members, joint research, joint hosting of symposiums, and information sharing etc.	SDG 4

S. No	Organisation with which MoU is signed	Name of the Department Linked	Year of signing MoU	Duration	List the actual activities under each MoU year wise	SDG No.
7	Gems (Education) Menasa (Cayman) Ltd	BSACIST	2017-18	5 Years	The Purpose of this MoU is to develop, collaborate, and engage in mutually beneficial educational opportunities for students and faculty members of each party	SDG 4
8	Gems Education, UAE	BSACIST	2017-18	5 years	<ul style="list-style-type: none"> <li>- Recruitment access fro CRESCENT to GEMS carrer fairs</li> <li>- Communcation access fro CRESCENT to GEMS students and parents through appropriate channels including but not limited to social media, email, newsletters, print media, open house etc.,</li> <li>- Provide CRSCENT with social media partnership</li> </ul>	SDG 4
9	Keck center, University of Virginia, USA	BSACIST	2017-18	3 years	<ul style="list-style-type: none"> <li>• Molecular imaging</li> <li>• Internships to the students</li> <li>• Dr. Ammasi P, Affiliate faculty in BSACIST</li> <li>• Offered course on molecular imaging to B.Tech students</li> <li>• Delivered invited talks in International conferences organized by SLS</li> </ul>	SDG 4
10	Universiti Teknologi MARA, Malaysia	BSACIST	2017-18	1 Year	<p>Both endeavour to strengthen, promote and develop international research co-operation on the basis of equality and mutual benefit.</p> <ol style="list-style-type: none"> <li>1. Institutional exchanges between faculty, staff and students from each partner institution.</li> <li>2. Organisation of symposia, conference, short courses and meeting on research issues.</li> </ol>	SDG 4



S. No	Organisation with which MoU is signed	Name of the Department Linked	Year of signing MoU	Duration	List the actual activities under each MoU year wise	SDG No.
11	University of Missouri-Columbia, USA	BSACIST	2017-18	3 eyars	- Per Crescent Univeristy request, Drs. Anandhi Upendran adn Raghuraman Kannan will deliver guest lectures on "Biomedical innovations adn Entrepreneurship" to undergraduate biotechnology students at Crescent University during summer adn winter sessions. GUest lectures will be limited to 15 lecture hours per session for each faculty	SDG 4
12	Ministry of Economics affairs, Taiwan	BSACIST	2016-17	5 Years	- Each parties will designate a unit and contact window to be responsible for the promotion, coordination, liaison, and handling of relevant matters - Each party will recommend its substiary organizations (agencies, social groups etc), schoalrs and experts to facilitate the follow-up implementation of prefessional exchange	SDG 4
13	University of East London, UK	BSACIST	2016-17	3 years	<ul style="list-style-type: none"> <li>• Delivered invited talks</li> <li>• Student internships</li> <li>• Joint International conference was organized on Applications of natural products on 2-3, August, 2016</li> <li>• Collaborative research on natural products</li> </ul>	SDG 4
14	V Clinbio, USA	BSACIST	2016-17	3 years	Research collaboration	SDG 4

S. No	Organisation with which MoU is signed	Name of the Department Linked	Year of signing MoU	Duration	List the actual activities under each MoU year wise	SDG No.
15	Curtin University of Technology, Perth, Western Australia	BSACIST	2015-16	5 Years	- To establish specific relations and cooperation between these two institutions in order to enrich the understanding of the culture of the two countries concerned. This agreement is to make possible on a continuing basis two kinds of undergraduate and postgraduate student activity (a) student exchange and (b) study abroad	SDG 4
16	University of Central Florida	BSACIST	2015-16	3 years	<ol style="list-style-type: none"> <li>1) Exchange of graduate students</li> <li>2) Exchange of academic personnel</li> <li>3) Cooperative design of courses, conferences, symposia and academic programs</li> <li>4) Exchange of academic or scientific materials</li> </ol>	SDG 4
17	University of Plymouth	BSACIST	2015-16	3 years	<ol style="list-style-type: none"> <li>1) Exchange of graduate students</li> <li>2) Exchange of academic personnel</li> <li>3) Cooperative design of courses, conferences, symposia and academic programs</li> <li>4) Exchange of academic or scientific materials</li> </ol>	SDG 4
18	Florida Atlantic University Board of Trustees, USA	BSACIST	2015-16	5 years	Students and faculty exchanges	SDG 4

S. No	Organisation with which MoU is signed	Name of the Department Linked	Year of signing MoU	Duration	List the actual activities under each MoU year wise	SDG No.
19	Cambridge English Language assessment (Part of University of Cambridge)	BSACIST	2014-15	3 years	<ul style="list-style-type: none"> <li>- To improve the quality of teaching and learning English in B.S Abdur Rahman University</li> <li>- To introduce a standardised international testing system in English across B.S Abdur Rahman University which is linked to the CEFR international benchmarks</li> <li>- To offer opportunity for students of B S Abdur</li> </ul>	SDG 4

University as a body have direct involvement in **Government** organisations SDG policy development - including identifying problems and challenges, developing policies and strategies, modelling likely futures with and without interventions, monitoring and reporting on interventions, and enabling adaptive management

S. No	Project Title	Name of the PI	Department	Funding Agency	Sanction date	Duration	Amount in lakhs	SDG
1	Smart Textile with Antimicrobial and Water Repellent Properties for Coronavirus -International Project	Dr. S. Hemalatha & Dr. D. Mubarak Ali	Life Sciences	Kasetsart University, Department of Materials Engineering, Thailand	15.10.2020	14 Months	38.00	SDG 3
2	Yoga Module in Lung Inflammation and ALRI	Dr. S. Hemalatha & Mrs. Ranjani	Life Sciences	Department of Science and Technology (DST) - (SATHYAM)	12.10.2020	1 Year	15.00	SDG 3
3	ATAL FDP on 3D Printing & Design	Dr. P.D.Jeyakumar and Dr. Arokia Julius	Mechanical Engineering	All India Council of Technical Education (AICTE)	16.10.2020	-	0.93	SDG 4
4	Continuous Ambient Air Quality Monitoring Station (CAAQMS)	Dr. Vasanthi Padmanabhan & Dr. A.Kaliluthin	Civil Engineering & Estate office	Tamil Nadu Pollution Control Board (TNPCB)	2019-20 (17.06.2020)	3 Years	150.00	SDG 11
5	Modernization and upgradation of Structural Engineering Laboratory – Establishment of Non-Destructive Testing Facility for Concrete (MODROB)	Dr. Vasanthi Padmanabhan & Dr. J. Revathy	Civil Engineering	All India Council of Technical Education (AICTE)	09.01.2020	2 Years	10.00	SDG 7, SDG 9

S. No	Project Title	Name of the PI	Department	Funding Agency	Sanction date	Duration	Amount in lakhs	SDG
6	Disaster Mitigation : A shift from disaster management towards disaster preparedness - Short Term Training Program (STTP)	Dr. Vasanthi Padmanabhan & Dr. V.S.Priya	Civil Engineering	All India Council of Technical Education (AICTE)	2020	3 Months	3.00	SDG 11, SDG 13
7	Internet of Things (Everything) - Future Short Term Training Program (STTP)	Dr. S. Revathi & Dr. V. Muthupriya,	Computer Science and Engineering / Computer Application	All India Council of Technical Education (AICTE)	2020	3 Months	2.00	SDG 4
8	Seismic Performance of Light - Research Promotion Scheme	Dr. J.Revathy & Dr.P.Gajalakshmi	Civil Engineering	All India Council of Technical Education (AICTE)	2020	3 Years	2.00	SDG 7, SDG 12, SDG 13
9	Be the change Teaching learning process - Short Term Training Program (STTP)	Dr. Nikhat Hamza & Dr. C. Tharini	HR / Electronics and Communication Engineering	All India Council of Technical Education (AICTE)	2020	3 Months	3.25	SDG 4
10	Artificial Intelligence and Deep Learning Techniques - Short Term Training Program (STTP)	Dr. G. Kavitha & Dr. P. Latchoumy	Information Technology	All India Council of Technical Education (AICTE)	2020	3 Months	3.00	SDG 4
11	Modernization of RF and Microwave Lab for Signal Quality Measurements in Sub 3GHz - Modernisation and Removal of Obsolescence (MODROB)	Dr. C. Tharini & Mr. A. Ramesh Kumar	Electronics and Communication Engineering	All India Council of Technical Education (AICTE)	2020	3 Years	20.00	SDG 7
12	Skill and Personality Development Program Centre for SC/ST students (SPDC)	Dr. N. Prakash, Dr R. Priyadarshini	Information Technology	All India Council of Technical Education (AICTE)	2020	3 Years	14.68	SDG 1 SDG 5, SDG 10

S. No	Project Title	Name of the PI	Department	Funding Agency	Sanction date	Duration	Amount in lakhs	SDG
13	Data Driven Techniques for Business Analytics using R Programming, Python and Tableau - Short Term Training Programme [STTP)	Dr. PANBOLI S	Management Studies	All India Council of Technical Education (AICTE)	21.02.2020	1 Year	2.00	SDG 4
14	Copper smelters and its impact on the health of downstream people, the economic livelihood of its employees, and waste management system. the case of Sterlite Copper in Tuticorin, Tamil Nadu	Dr. Mohamed K	Management	All India Council of Technical Education (AICTE)	2020	2 Years	4.38	SDG 12
15	Bimetallic nanoparticles coated hybrid materials for effective photocatalytic degradation of hazardous dyes in effluent water	Dr. N. Vasimalai & M. Sandhiya Malathi, K. Joyce	Chemistry	Tamil Nadu State Council for Science and Technology (TNSCST)	2020	1 Year	0.075	SDG 6
16	Influence of Bacterial Species on the Durability Performance of Green Concrete for Sustainable Built Environment	Dr. J. Revathy & M. Abdulrahman	Civil Engineering	Tamil Nadu State Council for Science and Technology (TNSCST)	2020	1 Year	0.075	SDG 7
17	Application of Bio medical waste for the development of sustainable concrete	Dr. P. Gajalakshmi & K.N. Krishnaprasad	Civil Engineering	Tamil Nadu State Council for Science and Technology (TNSCST)	2020	1 Year	0.075	SDG 3, SDG 12
18	"Synthesis and Characterization of ZrO <sub>2</sub> Dispersed Ti, Ti-6Al-4V, Ti-6Al-5V, Ti-6Al-7Nb composite"	Dr. R. Karunanithi	Mechanical Engineering	Science and Engineering Research Board (SERB-TARE)	2019	3 Years	18.30	SDG 12
19	Design of Antennas for 5G Applications	Ms.Sivashanmuga Valli	Electronics and Communication Engineering	Science and Engineering Research Board (SERB-TARE)	2019	3 Years	18.30	SDG 9

S. No	Project Title	Name of the PI	Department	Funding Agency	Sanction date	Duration	Amount in lakhs	SDG
20	Formulating antibiotic resistance breakers to control multidrug resistant pathogenic bacteria	Dr. S. Hemalatha & Mrs. Ranjani	Life Sciences	Department of Science and Technology (DST) - (WOBS)	2019	3 Years	30.34	SDG 3
21	Supply, Erection, Installation, Commissioning, Operation and Manitenance of Co-Digestion plant for Organic Fraction of Leftover Food waste, Vegetable peels and Fruit peels for Biogas	Dr.T.Harinarayana	Mechanical Engineering	CSIR-Central Leather Research Insititute funded by Department of Science and Technology (CSIR-DST)	2019	2019-20	35.00 (21.70 +13.30 )	SDG 7
22	Bio Incubator Grant (Bio Nest)	Dr. M. Parvez Alam & Dr.S.Hemalatha	CIIC & Life Sciences	Biotechnology Industry Research Assistance Council (BIRAC)	2018	2019-22	240.00	SDG 7
23	Mechanistic anti-tumour activity of vernodaline isolated from centratherum anthelminticum on colorectal cancel cells	Dr. P. Ashok Kumar	Life Sciences	Science and Engineering Research Board (SERB)	2019	2019-22	18.30	SDG 3
24	Light induced process of Hierarchical electron cascade system, Materials and Devices for Solar energy conversion	Dr. Asha Jhonsi Mariadoss	Chemistry	Science and Engineering Research Board (SERB)	2019	2019-22	18.30	SDG 7
25	Cellular Automata Models for Propagation of Tsunami Waves	Dr. E.Syed Mohamed	Computer Science and Engineering	Science and Engineering Research Board (SERB)	2019	2019-22	12.48	SDG 11 SDG 13
26	Triazole based New Functional Chromophores for optoelectronics and Biological Application	Dr. K. Karthikeyan	Chemistry	Tamil Nadu State Council for Science and Technology (TNSCST)	2019	2019-21	3.20	SDG 3

S. No	Project Title	Name of the PI	Department	Funding Agency	Sanction date	Duration	Amount in lakhs	SDG
27	An empirical Investigation of Minimum support	Dr. Mohd. Amir & Dr. Afzalur Rahman	Commerce	Tamil Nadu State Council for Science and Technology (TNSCST)	2019	2019-20	1.80	
28	Automation of Climate Control inside a naturally ventilated polyhouse (GREEN HOUSE)	Dr. M. Parvez Alam & Mr. Kannan Ganapathi	Management Studies	Government of Tamilnadu, Entrepreneurship Development and Innovation Institute (TN-EDII)	2019	2019-20	10.00	SDG 13
29	Health and Sanitation of Wheels	Dr. M. Parvez Alam & Mr. Ravi Senji	Management Studies	Government of Tamilnadu, Entrepreneurship Development and Innovation Institute (TN-EDII)	2019	2019-20	2.15	SDG 7
30	A smart intravenous dripper System for centralized monitoring and automatic control of intravenous fluid.	Dr. M. Parvez Alam & Mr. Radhakrishnan Jothiram	Management Studies	Government of Tamilnadu, Entrepreneurship Development and Innovation Institute (TN-EDII)	2019	2019-20	10.00	SDG 3
31	End to End Water Management Solution	Dr. M. Parvez Alam & Mr. Mohideen	Management Studies	Government of Tamilnadu, Entrepreneurship Development and Innovation Institute (TN-EDII)	2019	2019-20	2.00	SDG 6
32	Islets Cells Transplantation	Dr. M. Parvez Alam & Dr. Nithya Kalyani	Management Studies	Government of Tamilnadu, Entrepreneurship Development and Innovation Institute (TN-EDII)	2019	2019-20	5.00	SDG 3
33	Development of Hybrid Rocket Motor	PI – Dr. P.N. Kadiresh & CO-PI – Sri Nithya Mahottmannada	Aerospace Engineering	The Ministry of Aeronautics R&D Board (DRDO)	2019	2019-22	9.79	SDG 4



S. No	Project Title	Name of the PI	Department	Funding Agency	Sanction date	Duration	Amount in lakhs	SDG
34	Fault diagnosis on single stage helical planetary gearbox using machine learning algorithms	Aquib Yousuf, Aravind.V.K, Aravinda Krishnan.A, Farhanuddin.S.M.	Mechanical Engineering	Tamil Nadu State Council for Science and Technology (TNSCST)	2018*	2018-19	0.075	SDG 4
35	Phycoremediation of CO2 Level in sub urban area via CO2 Sequestration by native microalgae : an eco friendly approach	Dr D Mubarak Ali, M Santhosh Kumar A Aravindh	Life Sciences	Tamil Nadu State Council for Science and Technology (TNSCST)	2018*	2018-19	0.075	SDG 7 SDG 15
36	Corrosion protection and service life extension of reinforced concrete roofing systems in existing buildings	Ms.Roopa	Civil Engineering	Science and Engineering Research Board (SERB)	2019	2019-22	18.30	SDG 7 SDG 15
37	Endophytic diversity of herbal plant Hibiscus	Dr.Wasima. M	Life Sciences	Department of Biotechnology (DBT)	2018*	2018-19	8.00	SDG 15
38	Structural Behaviour of Corroding Prestressed Concrete Systems and Extension of Service Life using Cathodic Protection	Dr. M.S. Haji Sheik Mohammed	Civil Engineering	Science and Engineering Research Board (SERB)	2018	2018-21	49.50	SDG 15
39	Development of Graphene and Metal Nanoparticles Reinforced Flexible Polymer nanocomposites for Effective Electromagnetic Interference (EMI) Shielding Applications	Dr. M. Basheer Ahamed	Physics	Science and Engineering Research Board (SERB)	2018	2018-21	28.01	
40	Development of hybrid nano based BLDC motor and validation of the design by using VLSI technology	Dr. K. Boopathy	Electrical and Electronics Engineering	Defense Research and Development organization (DRDO)	2018*	2018-20	9.80	SDG 9

S. No	Project Title	Name of the PI	Department	Funding Agency	Sanction date	Duration	Amount in lakhs	SDG
41	Construction of optical logic gates using soliton collisions and study of electrical solitons in nonlinear transmission lines	Dr. M. Vijaya jayanthi	Physics	Science and Engineering Research Board (SERB)	2016*	2016-19	32.44	SDG 9
42	Antimicrobial Efficacy and Mechanisms of Whole Plant Extract of Acacia Arabica with Triphala on Biofilm Forming Cariogenic Microorganisms	Dr. Karthikeyan Ramalingam	Life Sciences	The Ministry of Ayurveda, Yoga & Naturopathy, Unani, Siddha, Sowa Rigpa and Homoeopathy (AYUSH-EMR)	2016*	2016-19	33.00	SDG 3
43	Synthesis of antimicrobial nanoemulsions for the treatment of multi-drug resistant ESKAPE pathogens	Dr. Karthikeyan Ramalingam	Life Sciences	Science and Engineering Research Board (SERB)	2016*	2016-19	23.28	SDG 3

University as a body have direct involvement in **Non - Government** organisations SDG policy development - including identifying problems and challenges, developing policies and strategies, modelling likely futures with and without interventions, monitoring and reporting on interventions, and enabling adaptive management

S.No	Project Title	Name of the PI	Department	Funding Agency	Sanction date	Duration	Amount in lakhs	Name of the SDG
1	Deep Learning Algorithm for Block Chain Verification System	Dr. Sharmila & Dr. W. Aisha Banu	CSE	UNWIND Learning Lab	2019	2019-21	7.00	SDG 4
2	Training program on "Automotive Embedded System"	Dr.C.Tharini	ECE	M/s. Jasmin Infotech	2019	2019-21	40.00	SDG 4
3	Demo vehicle for Mechancial/ Automobile Engineering students for study and training purpose	Dr. Ashok Ghosh	Mech/ Auto	Ford India Pvt Ltd	2019	2019-22	14.97	SDG 4
4	Patient monitoring System for Scheizophrenia Research Foundation (SCARF) organization	Dr.C.Tharini	ECE	Jasmin Infotech	2019	2019-21	0.70	SDG 3
5	Demo vehicle for mechanical / automobile engineering students for educational and demo purpose	Dr. Ashok Ghosh	M/s. Hyundai motor india foundation	Automobile	2019	2019-22	8.08	SDG 4
6	Evaluation of Sacrificial Anode Cathodic Protection (SACP) System for reinforced concrete applications	Prof. Haji Sheik Mohammed	Civil	RadheStructor epair Pvt Ltd.,	2018*	2018-21	9.91	SDG 4, SDG 9, SDG 11

S.No	Project Title	Name of the PI	Department	Funding Agency	Sanction date	Duration	Amount in lakhs	Name of the SDG
7	Constituting ROBOLAB-4.0, The Centre of Excellence in Robotics	Dr. S. Rasool Mohideen	Mech	M/s Prag Robotics Pvt. Ltd.	2018*	2018-21	120.00	SDG 4, SDG 17
8	Mira crab STP-1m3 Capacity advanced japanese waste water technology	Dr. T. Harinarayana	Physics/ Chemistry/ Civil	KankyoCleantech (I) Pvt Ltd	2018*	2018-21	20	SDG 6, SDG 12
9	Vermi filter 1m3 capacity vermi operated STP	Dr. T. Harinarayana	Physics/ Chemistry/ Civil	KankyoCleantech (I) Pvt Ltd	2018*	2018-21	20	SDG 6
10	Biobox Biogas 50 kg capacity containarised bio gas technology.	Dr. T. Harinarayana	Physics/ Chemistry/ Civil	KankyoCleantech (I) Pvt Ltd	2018*	2018-21	20	SDG 7, SDG 12, SDG13
11	Piro cracker 25 kg capacity plastic pirolysis unit	Dr. T. Harinarayana	Physics/ Chemistry/ Civil	KankyoCleantech (I) Pvt Ltd	2018*	2018-21	20	SDG 7, SDG 12, SDG13