



Govt. of N.C.T. of Delhi  
**DELHI TECHNOLOGICAL UNIVERSITY**  
(Formerly Delhi College of Engineering)  
ShahbadDaulatpur, Bawana Road-Delhi-42

F.NO. DTU/IRD/544/2017/2419

Date: 04/02/2020

To  
All the Researchers  
Department of .....  
Delhi Technological University  
Delhi

Dear Sir/Madam

Please find the enclosed a tentative list of Research Excellence Awards of the Researchers of Delhi Technological University with a request to circulate the same among the participant faculty members of your department. It is further requested that the participants may register their suggestion(s)/objection(s), if any related to this tentative list (enclosed) latest by 10.02.2020. If no response receives upto 10.02.2020, it will be presumed that the participant has no suggestion/objection with this list. It is further requested to one high resolution photograph and fill up the performa enclosed for the purpose of book publication and e-mail the same to [ird@dtu.ac.in](mailto:ird@dtu.ac.in) latest by 10.02.2020.

*Ruchika Malhotra*  
4/2/2020  
(Dr. Ruchika Malhotra)  
Asso. Dean (IRD)

F.NO. DTU/IRD/544/2017/2419

Date: 04/02/2020

Copy for information and necessary action to:

1. PS to the Hon'ble Vice Chancellor, DTU
2. Dean (IRD)
3. Registrar
4. Head, Computer Center with a request to upload the same on the DTU's website
5. All concerned

## Biography

Dr./ Prof./ Ms./ Mr. \_\_\_\_\_

Department of \_\_\_\_\_

Dr. XYZ is.....

.....

..... {Brief Biography}

*Note: Please provide high resolution photograph as attachment*

## Award Summary and Publication Details

Category Title	Number of Publications
Outstanding Research Award	
Premier Research Award	
Commendable Research Award	

*\* Note: Do not include the rows for awards which are not applicable.*

1. K. Pritam, R. Shubham and **XYZ**, "Title of the paper", *Journal name*, vol. a, no. b, pp. 1-10, 2019. Impact Factor: 1.640.

2. ....

3. ....

*\*Note: Provide references to all the selected papers for award. References to be formatted according to IEEE style. The name of the award recipient should be in bold.*

Title of the paper

K. Pritam, R. Shubham and XYZ\*

Abstract: .....

.....

.....

For details refer to ..... {Provide DOI link}

*\*Note: Provide title, author list, abstract and DOI link of all the publications selected for award  
Also mention whether the applicant author is First or Corresponding.*

## Tentative Research Excellence Awards List 2020

S.NO.	Name of Applicant and Department	Status(First Author/Corresponding author)	Authors	Title	Journal Name	SCI/SCI Expanded/S SCI	Category (A), (B), (C)	Remarks
1	Dr. Nilam, Applied Mathematics	Corresponding author	Abhishek Kumar	Mathematical analysis of a delayed epidemic model with nonlinear incidence and treatment rates	Journal of Engineering Mathematics	Yes	C	Eligible
2	Dr. Nilam, Applied Mathematics	Corresponding author	Abhishek Kumar	Stability of a delayed SIR epidemic model by introducing two explicit treatment classes along with nonlinear incidence rate and Holling type treatment	Computational and Applied Mathematics	Yes	C	Eligible
3	Dr. Nilam, Applied Mathematics	Corresponding author	Kanica Goel	Stability behavior of a nonlinear mathematical epidemic transmission model with time delay	Nonlinear Dynamics	Yes	C	Eligible
4	Dr. C.P. Singh, Applied Mathematics	First & Corresponding author	Simran Kaur	Matter creation cosmology in Brans-Dicke theory: Observational tests and thermodynamic analysis	Physical Review D (American Physical Society)	Yes	B	Eligible
5	Dr. C.P. Singh, Applied Mathematics	First & Corresponding author	Amit Kumar	Observational constraints on viscous Ricci dark energy model	Astrophysics and space science (Springer)	Yes	C	Eligible
6	Dr. R. Srivastava, Applied Mathematics	Corresponding author	Gifti Malhotra, Prof. H.C. Taneja	Calibration of the risk-neutral density function by maximization of a two-parameter entropy	Physica A	Yes	C	Eligible
7	Mr. Ram Pratap, Applied Mathematics	First Author	Prof. Neokant Deo	Approximation by genuine Gupta-Srivastava operators	Revista de la Real Academia de ciencias exactas, físicas y naturales. Serie A. Matematicas	Yes	C	Eligible



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8	Ms. Goonjan Jain, Applied Mathematics	First & Corresponding author	D.K.Lobiya	Word sense disambiguation using implicit information	Natural Language Engineering	Yes	C	Not Eligible (Not yet Published in 2019)
9	Dr. Satyabrata Adhikari, Applied Mathematics	Corresponding author	Anu Kumari	Detection of a mixed bipartite entangled state in arbitrary dimension via a structural physical approximation of partial transposition	Physical Review A	Yes	B	Eligible
10	Mr. Dharendra Kumar, Applied Mathematics	First author	R.K. Agrawal, Hanuman Verma	Kernel intuitionistic fuzzy entropy clustering for MRI image	Soft Computing	Yes	C	Not Eligible (Paper not published)
11	Mr. Anshul Arora, Applied Mathematics	First author	Sateesh K Peddoju, mauro conti	Permpair: Android malware Detection suing Permission Pairs	IEEE Transactions on information forensics and security	Yes	B	Not Eligible (Paper not published in 2019)
12	Dr. Aditya Kaushik, Applied Mathematics	First Author	Anil Vashishth, Vijayant Kumar, Manju Sharma	A Modified graded mesh and higher order finite element approximation for singular perturbation problems	Journal of computational physics	Yes	C	Eligible
13	Mr. Rajesh Kumar Asthana, Applied Mathematics	Corresponding author	Anjana Gupta , G S Walia, Shivam Rishi, Aarohi Kumar	Secure multimodal biometric system based on diffused graphs and optimal score fusion	Journal of IET Biometrics	Yes	C	Not Eligible (No DTU Affiliation)
14	Mr. Abhishek Kumar, Applied Mathematics	First Author	Kanica Goel, Nilam	A deterministic time-delays SIR epidemic model: mathematical modeling and analysis	Theory in Biosciences	Yes	C	Not Eligible (Impact factor<1 as per clarivate analytics)
15	Ms. Kanica Goel, Applied Mathematics	First Author	Nilam	A mathematical and numerical study of a SIR epidemic model with time delay nonlinear incidence and treatment rates	Theory in Biosciences	Yes	C	Not Eligible (Impact factor<1 as per clarivate analytics)
16	Dr. Yasha Hasija, Biotechnology	Corresponding author	Kirti Bhadhadhara	ARD-PRED: an in silico tool for predicting are-related-disorder-associated proteins	Soft Computing	Yes	C	Eligible

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17	Dr. Navneeta Bharadvaja, Biotechnology	Corresponding author	Arpita Roy	Establishment of root suspension culture of <i>Plumbago zeylanica</i> and enhanced production of <i>plumbagin</i>	Industrial crops & Products	Yes	C	Eligible
18	Prof. Jai Gopal, Biotechnology	First & Corresponding author	William D. Clark, Avanish Kumar Shrivastav, Ravi Kumar Goswami, Douglas R. Tocher, Rina Chakrabarti	Production potential of greater duckweed <i>spirodela polyrhiza</i> (L. Scheliden) and its biochemical composition evaluation	Aquaculture	Yes	C	Eligible
19	Prof. Jai Gopal, Biotechnology	First author	Neelesh Kumar, Samar Pal Singh, Amarjeet Singh, V. HariKrishna	Evaluation of immunostimulatory properties of prickly chaff flower <i>achyranthes aspera</i> in rohy labeo rohita fry in pond conditions	Aquaculture	Yes	C	Eligible
20	Prof. Jai Gopal, Biotechnology	Second author	Nawaz Alam Khan, Rina Chakrabarti	The study of ameliorative effect of dietary supplementation of vitamin C, vitamin E and tryptophan in <i>Labeo rohita</i> (Cyprinidae) fry exposed to intense light	Fish physiology and biotechnology	Yes	C	Not Eligible (Neither first nor corresponding author)
21	Prof. Jai Gopal, Biotechnology	Second author	S. Ahluwalia, R. Bidlan, A.K. Shrivastav, R.K. Goswami, P.Singh	Optimization of protein extraction from detoxified <i>Jatropha</i> seed cake using response surface methodology and amino acid analysis	International Journal of Environmental science and technology	Yes	C	Not Eligible (Neither first nor corresponding author)
22	Dr. Nirala Ramchiary, Biotechnology	Corresponding author	Meenakshi Dubey, Vandana Jaiswal, Abdul Rawoof, Ajay Kumar, Mukesh Nitin, Sushil Satish Chhapekar, Nitin Kumar, Iiyas Ahmad, Khushbu Islam, Vijaya	Identification of gene involved in fruit development/ripening in <i>Capsicum</i> and development of functional markers	Genomics (ELSEVIER)	Yes	C	Eligible



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23	Dr. Nirala Ramchiary, Biotechnology	Corresponding author	Vandana Jaiswal, Abdul Rawoof, Meenakshi Dubey, Sushil Satish Chhapekar, Vineet Sharma	Development and characterization of non-coding RNA based simple sequence repeat makers in Capsicum species	Genomics (ELSEVIER)	Yes	C	Not Eligible (Paper not published in 2019)
24	Dr. Nirala Ramchiary, Biotechnology	Corresponding author	Sarpras M. Ilyas Ahmad Abdul Rawoof	Comparative analysis of developmental changes of fruit metabolites, antioxidant activities and mineral elements content in bhutjolokia and other Capsicum species	LWT-FOOD Science and Technology (ELSEVIER)	Yes	C	Eligible
25	Ms. Pooja Srivastava, Biotechnology	First & Corresponding author	Neelam Kumari, Dipto Kakkar, Ankur Kaul, Pravir Kumar, Anjani K. Tiwari	Comparative evaluation of 99mTc-MBIP-X/11 © MBMP for vusualization of 18 kDa translocator protein	New journal of Chemistry	Yes	C	Not Eligible (Royal Society of chemistry in not under the list of publishers)
26	Ms. Pooja Srivastava, Biotechnology	First & Corresponding author	Dipti Kakkar, Pravir Kumar, Anjani Kumar Tiwari	Modified benzoxazolone (ABO-Aa) based single photon emission computed tomography (SPECT) probes for 18 kDa translocator protein	Drug Development Research	Yes	C	Eligible
27	Prof. B.D. Malhotra, Biotechnology	Corresponding author	Saurabh Kumar, Mohammad Umar, Anas Saifi, Suveen Kumar, Shine Augustine, Saurabh Srivastava	Electrochemical paper based cancer biosensor using iron oxide nanoparticles decorated PEDOT: PSS	Analytica Chimica Acta	Yes	C	Eligible
28	Prof. B.D. Malhotra, Biotechnology	Corresponding author	Tarun Narayan, Saurabh Kumar, Suveen Kumar, Shine Augustine, B.K. yadav	Protein functionalised self assembled monolayer based biosensor for colon cancer detection	Talanta	Yes	C	Eligible

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29	Prof. B.D. Malhotra, Biotechnology	Corresponding author	Niharka Gupta, Venkatesan Renugopalakrishnan, Dorian Liepmann, Ramasamy Paulmurugan	Cell-based biosensors: Recent trends challenges and future perspectives	Biosensors and Bioelectronics	Yes	C	Eligible
30	Dr. Ashmita Das, Biotechnology		Sanghamitra Mylavarapu, Harsh Kumar, Smita Kumari, L.S. Sravanthi, Misti Jain, Aninda Basu, Manjusha Biswas, Sivaram V.S. Mylavarapu, Monideepa Roy	Activation of epithelial mesenchymal transition and altered $\beta$ -Catenin signaling in a bovine indian colorectal carcinoma cell line	Frontiers in Oncology	Yes	C	Not Eligible (Frontiers in oncology is not in the list of publishers)
31	Ms. Neeraj Kumari, Biotechnology	First Author	Asmita Das, Anant Narayan Bhatt	Interleukin-6 confers radio-resistance by inducing Akt-mediated glycolysis and reducing mitochondrial damage in cells	The Journal of Biotechnology	Yes	C	Not Eligible (Paper not published in 2019)
32	Dr. Saurabh Chandra Saxena, Biotechnology	Corresponding author	Yadav P, Salvi P, Kamble N, Petla BP, Majee M	Deciphering the structural basis of the broad substrate specificity of myo-Inositol monophosphatase (IMP) from <i>Cicer arietinum</i>	International Journal of Biological Macromolecules	Yes	C	Not Eligible (Paper not published in 2019)
33	Dr. Rashmi Ambasta, Biotechnology	First Author	Rohan Gupta, Dhiraj Kumar, Saurabh Bhattacharya, Aditi Sarkar, Pravir Kumar	Can luteolin be a therapeutic molecule for both colon cancer and diabetes?	Briefings in Functional Genomics	Yes	C	Eligible (Dr. Pravir Kumar for certificate only)



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34	Prof. Pravir Kumar, Biotechnology	Corresponding author	Dhiraj Kumar,	An In-Silico Investigation of Key Lysine Residues and Their selection for clearing off A $\beta$ and Holo--A $\beta$ PP Through Ubiquitination	Interdisciplinary Sciences: Computational Life Sciences	Yes	C	Eligible
35	Prof. Pravir Kumar, Biotechnology	Corresponding author	Dhiraj Kumar,	A $\beta$ , tau, and $\alpha$ -synuclein aggregation and integrated role of PARK2 in the regulation and clearance of toxic peptides	Neuropeptides	Yes	C	Eligible
36	Ms. Priyanka Gupta, ECE	First author	Prof. Rajeshwari Pandey	A low-power voltage differencing buffered amplifier	International Journal of circuit theory and applications	Yes	C	Eligible
37	Dr. Gurjit Kaur, ECE	First author	Disha Srivastava, Prabhjot Singh, Yaman Parasher	Development of a novel hybrid PDM/OFDM technique for FSO system and its performance analysis	Optics and Laser technology	Yes	C	Eligible
38	Dr. Sudipta Majumdar, ECE	Corresponding author	Rahul Bansal, Harish Parthasarathy	Extended Kalman filter based nonlinear system identification described in terms of Kronecker product	International Journal of Electronics and Communications (AEU)	Yes	C	Eligible
39	Dr. Poornima Mittal, ECE	Corresponding author	Shubham Negi, Brijesh Kumar	Analytical modelling and parameters extraction of multiayered OLED	IET Circuits, Devices & Systems	Yes	C	Eligible
40	Dr. Poornima Mittal, ECE	Corresponding author	Neha Mishra, Brijesh Kumar	Analytical modeling for static and dynamic response of organic pseudo all-p inverter circuits	Journal of computational Electronics	Yes	C	Eligible

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41	Dr. Poornima Mittal, ECE	Corresponding author	Shubham Negi, Brijesh Kumar, Pradeep Kumar Juneja	Organic LED based light sensor for detection of ovarian cancer	Microelectronic Engineering	Yes	C	Eligible
42	Mr. Tej Singh, ECE	First Author	Dr. Dinesh Kumar Vishwakarma	Video Benchmarks of human action datasets: a review	Artificial Intelligence Review	Yes	C	Eligible
43	Dr. Chavi Dhiman, ECE	First Author	Dr. Dinesh Kumar Vishwakarma	A Robust Frame work for Abnormal Human Action Recognition Using R-Transform and Zenike Moments in Depth Videos	IEEE Sensors Journal	Yes	C	Eligible
44	Dr. Chavi Dhiman, ECE	First Author	Dr. Dinesh Kumar Vishwakarma	A Review of state-of-the-art techniques for abnormal human activity recognition	Engineering Applications of Artificial Intelligence	Yes	C	Eligible
45	Dr. Priyanka Jain, ECE	Claimant is not alive	Pragati Dahiya	Realization of second order structure of recursive algorithm for Discrete Cosine Transform	Circuit system and signal processing	Yes	C	Eligible
46	Dr. Priyanka Jain, ECE		Gaurav Saxena, Y.K. Awasthi	High diversity gain super wide single band notch MIMO antenna for multiple wireless applications	The institute of Engineering and Technology (IET) journal	Yes	C	Not Eligible (Paper not published in 2019)
47	Prof. Neeta Pandey, ECE	Corresponding author	Rakesh Verma, Prof. Rajeshwari Pandey	CFOA based low pass and high pass fractional step filter realizations	AEU-International Journal of Electronics and Communications	Yes	C	Eligible
48	Prof. Neeta Pandey, ECE	Corresponding author	Rakesh Verma, Prof. Rajeshwari Pandey	Novel CFOA based capacitance multiplier and its application	AEU-International Journal of Electronics and Communications	Yes	C	Eligible



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49	Prof. Rajeshwari Pandey, ECE	Corresponding author	Gurumurthy Komanapalli, Neeta Pandey	New sinusoidal oscillators configurations using operational transconductance amplifier	International Journal of circuit theory and applications	Yes	C	Eligible
50	Prof. Rajiv Kapoor, ECE	First Author	Rashmi Gupta, le Hoang Son, Raghvendra Kumar	Iris Localization for Direction and Deformation Independence based on Polynomial Curve Fitting and Singleton Expansion	Multimedia Tools and Applications	Yes	C	Eligible
51	Prof. Rajiv Kapoor, ECE	First Author	Rashmi Gupta, le Hoang Son, Raghvendra Kumar, Sudan Jha	Fog removal in images using improved dark channel prior and contrast limited adaptive histogram equalization	Multimedia Tools and Applications	Yes	C	Eligible
52	Prof. Rajiv Kapoor, ECE		Rashmi Gupta, le Hoang Son, Raghvendra Kumar, Sudan Jha	Adaptive Technique with cross correlation for lowering signal-to Noise Ratio wall in sensor	Wireless Personal Communications	Yes	C	Not Eligible (Impact factor < 1 as per Clarivate analytics)
53	Dr. Ruchika Malhotra, CSE	First and Corresponding author	Shine Kamal	An empirical study to investigate oversampling methods for improving software defect prediction using imbalanced data	Neurocomputing	Yes	C	Eligible
54	Dr. Ruchika Malhotra, CSE	First and Corresponding author	Megha Khanna	Dynamic selection of fitness function for software change prediction using particle swarm optimization	Information and software technology	Yes	C	Eligible
55	Dr. Akshi Kumar, CSE	First & Corresponding author	Arunima Jaiswal	Swarm Intelligence Based Optimal Feature Selection for Enhanced Predictive Sentiment Accuracy on Twitter	Multimedia Tools and Applications	Yes	C	Eligible
56	Dr. Akshi Kumar, CSE	First & Corresponding author	Geetanjali Garg	Sentiment Analysis of Multimodal Twitter Data	Multimedia Tools and Applications	Yes	C	Eligible



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57	Dr. Akshi Kumar, CSE	First & Corresponding author	Nitin Sachdeva	Cyberbullying detection on social multimedia using soft computing techniques: a meta-analysis	Multimedia Tools and Applications	Yes	C	Eligible
58	Dr. Akshi Kumar, CSE	First author	Saurabh Raj Sangwan, Anand Nayyar	Rumour Veracity Detection on Twitter using particle Wwarm Iptimized Shallow Classifiers	Multimedia Tools and Applications	Yes	C	Eligible (For Certificate only)
59	Dr. Rahul Katarya, CSE	Corresponding author	Lokesh jain	Discover opinion leader in online social network using firefly algorithm	Expert systems with applications	Yes	C	Eligible
60	Nirmal Pandey, CSE	Corresponding author	O.P. Verma, Amioy Kumar	Nature Inspired Power Optimization in smartphones	Swarm and Evolutionary Computation	Yes	C	Eligible
61	Dr. Divyashikha Sethia, CSE	First Author	Dr. Daya Gupta, Dr. Huzar Saran	Smart health record management with secure NFC-enabled moudle devices	Smart Health	Yes	C	Not Eligible (Neither SCIE/SCI/SSCI and no impact factor)
62	Keshav Gupta, CSE	First Author	Gurjit Singh Walia, Kapil Sharma	Quality based adaptive score fusion approach for multimodal biometric system	Applied Intelligence	Yes	C	Not Eligible (Paper not published in 2019)
63	Mr. Ajay kaushik, CSE	First Author	S. Indu, Daya Gupta	A Grey Wolf Optimization Approach for Improving the Performance of Wireless sensor networks	Wireless personal Communication s	Yes	C	Not Eligible (Impact factor<1 as per clarivate analytics)
64	Dr. Raminder Kaur, Applied Chemistry	Corresponding author	Anuja Agrawal, Dr. R.S. Walia	Flame retardancy of ceramic-based rigid polyurethane foam composites	Journal of Applied Polymer Science	Yes	C	Eligible
65	Ms. Anuja Agrawal, Applied Chemistry	First author	Dr. Raminder Kaur, Dr. R.S. Walia	Investigation on flammability of rigid polyurethane foam mineral filler composite	Fire and Materials	Yes	C	Eligible
66	Dr. Ram Singh, Applied Chemistry	Corresponding author	Babita Veer	Facile Synthesis of 2-Arylimidazo[1,2-a]pyridines catalyzed by DBU in Aqueous ethanol	Proceedings of the Royal Society A	Yes	B	Eligible

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67	Dr. Ram Singh, Applied Chemistry		Priyanka Luthra, G.S. Kapur	Development of Polypropylene/Banana of peel (Treated and Untreated) Composites with and without Compatibilizer and their Studies	Materials Research Express	Yes	C	Not Eligible (Material Research Express is paid journal)
68	Dr. Ram Singh, Applied Chemistry	Corresponding author	Shankar Suman	Anion selective electrodes: A brief compilation	Microchemical Journal	Yes	C	Eligible
69	Dr. Ram Singh, Applied Chemistry	Corresponding author	Poonam	Facile one-pot-synthesis of highly functionalized pyrazoles using Alumina-Silica-supported MnO <sub>2</sub> as recyclable catalyst in water	Research on Chemical Intermediates	Yes	C	Eligible
70	Dr. Deenan Santhiya, Applied Chemistry	Corresponding author	Meenakshi Gautam	In-situ mineralization of calcium carbonate in pectin based edible hydrogel for the delivery of protein at colon	Journal Drug Delivery Science and Technology	Yes	C	Eligible
71	Dr. Deenan Santhiya, Applied Chemistry	Corresponding author	Meenakshi Gautam	Pectin/PEG food grade hydrogel blend for the targeted oral co-delivery of nutrients	Colloids and surfaces A: Physicochemical and Engineering Aspects	Yes	C	Eligible
72	Dr. Manish Jain, Applied Chemistry	Corresponding author	Rohan Sharma	Removal of benzothiophenes from model diesel/jet oil fuel by using pervaporation process: Estimation of mass transfer properties of the different membranes and dynamic modeling of a scale-up batch process	Journal of membrane Science	Yes	C	Not Eligible (Paper not published in 2019)



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73	Prof. S.G. Warkar, Applied Chemistry	Corresponding author	khushbu, Anil Kumar	Synthesis and assessment of carboxymethyl tamarind kernel gum based novel superabsorbent hydrogels for agricultural applications	Polymer	Yes	C	Eligible
74	Dr. Roli Purwar, Applied Chemistry	Corresponding author	Chandra Mohan Srivastava, Anek Pal Gupta	Enhanced potential of biomimetic, silver nanoparticles functionalized <i>Antheraea mylitta</i> (tasar) silk fibroin nanofibrous mats for skin tissue engineering	International Journal of Biological Macromolecules	Yes	C	Eligible
75	Dr. Saurabh Mehta, Applied Chemistry	First Author	Dhirendra Brahmchari	Phosphazene superbase mediated regio and stereoselective iodoaminocyclization of 2-(1-Alkynyl) benzamides for the synthesis of isoindolin-1-ones	The Journal of Organic Chemistry	Yes	C	Eligible
76	Prof. D. Kumar, Applied Chemistry	Corresponding author	Sarita S Nair, Sujeet K. Mishra	Recent progress in conductive polymeric materials for biomedical applications	polymers advanced technologies	Yes	C	Eligible
77	Dr. Anil Kumar, Applied Chemistry	Corresponding author	Chen-Hsiung Hung, Shikha Rana, Milind M. Deshmukh	Study of the structure, stability and tautomerisms of meta-benziporphodimethene and N-Confused isomers containing $\gamma$ -lactam	Journal of Molecular structure	Yes	C	Eligible
78	Ms. Monika Duhan, Applied Chemistry	First Author	Raminder Kaur	Phytic Acid Doped Polyaniline Nanofibers: An Advanced Absorbent for Methylene Blue Dye	Environment Nanotechnology Monitoring & Management	Yes	C	Eligible
79	Ms. Monika Duhan, Applied Chemistry	First Author	Raminder Kaur	Adsorptive removal of methyl orange with polyaniline nanofibers: an Unconventional adsorbent for water treatment	Environmental Technology	Yes	C	Not Eligible (Taylor and Francis is not in the award list)



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80	Ms. Srishti Vashishtha, IT	Corresponding author	Dr. Seba Susan	Fuzzy rule based unsupervised sentiment analysis from social media posts	Expert systems with applications	Yes	C	Eligible
81	Dr. Seba Susan, IT	First author	Amitesh Kumar	SSOMaj-SMOTE-SSOMin: Three-step intelligent pruning of majority and minority samples for learning from imbalanced datasets	Applied Soft Computing Journal	Yes	C	Eligible
82	Dr. Seba Susan, IT	First author	Juhi Keshari	Finding significant keywords for document databasaes by two-phase maximum entropy partitioning	Pattern Recognition Letters	Yes	C	Eligible
83	Dr. Seba Susan, IT	First author	Madasu Hanmandlu	Smaller feature subset selection for real-world datasets using a new mutual information with Gaussian gain	Multidimension al Systems and Signal Processing	Yes	C	Eligible
84	Dr. Dinesh Kumar Vishwakarma, IT	First author & Corresponding author	Chhavi Dhiman	A unified model for human activity recognition usiing spatial distributin of gradients and difference of Gaussian kernel	The Visual Computers	Yes	C	Eligible
85	Dr. Dinesh Kumar Vishwakarma, IT	First author & Corresponding author	Tej Singh	A Visual cognizance based multi-resolution descriptor for human action recognition using key pose	Elsevier/AEU-International Journal of Electronics and Communications	Yes	C	Eligible
86	Dr. Dinesh Kumar Vishwakarma, IT	First author & Corresponding author	Deepika Varshney, Ashima Yadav	Detection and veracity analysis of fake news via scappring and authenticating the web search	Elsevier/Cogniti ve Systems Research	Yes	C	Eligible
87	Dr. Dinesh Kumar Vishwakarma, IT	Corresponding author	Gaurav Tripathi, Kuldeep Singh	Convolutional neural networks for crowd behavious analysis : a survey	Springer/The Visual Computers	Yes	C	Eligible (For Certificate only)

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88	Prof. Kapil Sharma, IT	Corresponding author	Gurjit Singh Walia, Himanshu Ahuja, Ashish Kumar, Nipun Bansal	Unified Graph-Based Multicue Feature Fusion for Robust visual Tracking	IEEE transactions on cybernetics	Yes	B	Not Eligible (Paper not published in 2019)
89	Prof. Kapil Sharma, IT	Corresponding author	Gurjit Singh Walia, Ashish Kumar, Astitwa Saxena, Kuldeep Singh	Robust object tracking with crow search optimized multicue particle filter	Pattern Analysis and Applications	Yes	C	Not Eligible (Paper not published in 2019)
90	Dr. Ritu Agrawal, IT	First & Coresponding author	O.P. Verma	An Efficient copy move forgery detection using deep learning feature extraction and matching algorithm	Multimedia Tools and Applications (Springer)	Yes	C	Not Eligible (Paper not published in 2019)
91	Ms. Rajni Sethi, IT	First & Coresponding author	Indu Sreedevi	Adaptive enhancerment of underwater images using multi-objective PSO	Multimedia Tools and Applications (Springer)	Yes	C	Eligible
92	Prof. Kapil Sharma, IT	Corresponding author	Ashish Kumar Tripathi, Manju Bala	A Novel Clustering Method Using Enhanced Grey Wolf Optimizer and map Reduce	Big Data Research	Yes	C	Not Eligible (Published in 2018)
93	Mr. Ajay Kumar, EE	First author	Prof. M.M. tripath, Dr. Rishu Chaujar	Sub-30nm In2O5n gate electrode recessed channel MOSFET: A biosensor for Early Stage Diagnostics	Vacuum	Yes	C	Eligible (Dr. Rishu for certificate only)
94	Mr. Ajay Kumar, EE	First author	Neha Gupta, Prof. M.M. Tripathi, Rishu Chaujar	RF Noise Modeling of Black Phosphorus Junctionless Trench MOSFET in Strong Inversion Region	Superlattices and Microstructures	Yes	C	Eligible (Dr. Rishu for certificate only)
95	Dr. Ambrish Devanshu, EE	Corresponding author	Madhusudan Singh, Prof. Narender Kumar-II	An Improved Nonlinear Flux Observer based Sensorless FOC IM Drive With Adaptive Predictive Current Control	IEEE transactions on power electronics	Yes	B	Not Eligible (Paper not published in 2019)



S.NO.	Name of Applicant and Department	Status(First Author/Corresponding author)	Authors	Title	Journal Name	SCI/SCI Expanded/S SCI	Category (A), (B), (C)	Remarks
96	Mr. Astitva Kumar, EE	First & Cooresponding author	Dr. M. Rizwan, Prof. Uma Nangia	A Hybrid Intelligent approach for solar photovoltaic power forecasting: Impact of Aerosol Data	Arabian Journal for Science and Engineering	Yes	C	Eligible
97	Dr. Anup Kumar Mandpura, EE	First Author	Shankar Prakriya, Ranjan K. Malik	Outage Probability of Fixed-Gain Amplify-and forward two way relays with multiple Co-channel interferers	IET Communication s	Yes	C	Eligible
98	Mr. Rupam Singh, EE	First Author	Prof. Bharat Bhushan	Real-time control of ball balancer using neural integrated fuzzy controller	Artificial Intelligence Review	Yes	C	Not Eligible (Paper not published in 2019)
99	Ms. Ankita Arora, EE	First Author	Prof. Alka Singh	Design and implementation of Legendre-based neural network controller in grid-connected PV systems	IET Renewable Power Generation	Yes	C	Eligible
100	Ms. Ankita Arora, EE	First Author	Prof. Alka Singh	Design and analysis of functional link artificial neural network controller for shunt compensation	IET Generation Transmission and Distribution	Yes	C	Eligible
101	Prof. Alka Singh, EE	Corresponding author	Prakash Chittora, Madhusudan singh	Adaptive EPLL for improving power quality in three-phase three-wire grid-connected photovoltaic system	IET Renewable Power Generation	Yes	C	Eligible
102	Prof. Alka Singh, EE	Neither First nor Corresponding	Manoj Badoni, Bhim Singh	Implementation of Immune Feedback Control algorithm for Distribution Static Compensator	IEEE Transactions on Industry Applications	Yes	B	Not Eligible (neither first author nor corresponding)
103	Prof. Mukhtiar Singh, EE	Corresponding author	Gitanjali Pandove	Robust Repetitive control design for a three phase four wire shunt active power filter	IEEE Transactions on industrial informatics	Yes	B	Eligible
104	Prof. M.M. Tripathi, EE	Neither First nor Corresponding	Rahul Kumar Agrawal, Frankle Muchahary	Ensemble of relevance vector machines and boosted trees for electricity proce forecasting	Applied Energy	Yes	C	Not Eligible (neither first author nor corresponding)



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105	Imarn Ahmad Quadri, EE	First & Corresponding author	Prof. Suman Bhowmick, Prof. Dheeraj Joshi	A hybrid teaching-learning-based optimization technique for optimal DG sizing and placement in radial distribution systems	Soft Computing	Yes	C	Eligible
106	Prof. Vishal Verma, EE	First & Corresponding author	Aditya Narula	Wide Operating Range, Continuous Input Current T-Impedance Boost Converter for PV Applications	IEEE Transaction on Industry Applications	Yes	B	Eligible
107	Prof. Vishal Verma, EE	Neither First nor Corresponding	N. Kumar, prof. Bhim Singh, Prof. B.K. Panigrahi, Prof. C. Chakraborty, Prof. H.M. Suryawan	Integration of solar PV with low voltage weak grid system: using normalized laplacian kernel adaptive kalman filter and learning based InC algorithm	IEEE Transaction on Power Electronics	Yes	B	Not Eligible (neither first author nor corresponding)
108	Dr. Vinod Kumar Yadav, EE	First & Corresponding author	K.D. Singh, S. Gupta	Market-Oriented Transmission Expansion Planning Using Non-Linear Programming and Multi-Criteria Data Envelopment Analysis	sustainable energy grids and network	Yes	C	Eligible
109	Dr. Vinod Kumar Yadav, EE	Corresponding author	S. Ghosh, V. Mukherjee	Improvement of partial shading resilience of PV array through modified bypass arrangement	Renewable Energy	Yes	C	Eligible
110	Dr. Vinod Kumar Yadav, EE	Corresponding author	K. Bodha, V. Mukherjee	Formulation and Application of Quantum Inspired Tidal Fireflies Technique Algorithm for multiple objective mixed cost effective emission dispatch	Neural Computing and Applications	Yes	C	Not Eligible (Paper not published in 2019)

S.NO.	Name of Applicant and Department	Status(First Author/Corresponding author)	Authors	Title	Journal Name	SCI/SCI Expanded/SCI	Category (A), (B), (C)	Remarks
111	Dr. Vinod Kumar Yadav, EE		S. Ghosh, V. Mukherjee	Impact of environmental factors on photovoltaic performance and their mitigation strategies a holistic review	Renewable Energy	Yes	C	Not Eligible (Impact factor is not available on clarivate analytics)
112	Dr. Vinod Kumar Yadav, EE	Neither First nor Corresponding	R. Peesapati, A. yadav, N. Kumar	GSA-FAPSO based generators active power rescheduling for transmission congestion management	IEEE system journal	Yes	C	Not Eligible (Not first nor corresponding author)
113	Dr. Vinod Kumar Yadav, EE	Neither First nor Corresponding	M.K. Verma, V. Mukherjee, S. Ghosh	A multi-criteria approach for distribution network expansion through ppooled MCDEA and Shannon entropy	International Journal of Emerging Electric Power Systems	Yes		Not Eligible (No impact factor, neither first nor coresponding author)
114	Dr. Rishu Chaujar, Applied Physics	First Author		Analog and RF assessment of sub 20 nm 4H-SiC trench gate MOSFET for high frequency applications	AEU- International Journal of Electronics and Communications	Yes	C	Eligible
115	Dr. Rishu Chaujar, Applied Physics	Corresponding author	Rahul Pandey, Anand Prakash Saini	Numerical simulations: Toward the design of 18.6% efficient and stable perovskite solar cell using reduced cerium oxide based ETL	Vacuum	Yes	C	Eligible
116	Dr. Rishu Chaujar, Applied Physics	Corresponding author	Anuj Chhabra, Ajay Kumar	Sub-20 junctionless FinFET for biosensing application	Vacuum	Yes	C	Eligible
117	Prof. S.C. Sharma, Applied Physics	Corresponding author	Kavita Rani	A Nonloval Theory of Current-Driven Low-Frequency Models in a Magnetized Strongly Coupled Collisional Dusty Plasma	IEEE transactions on Plasma Science	Yes	C	Eligible



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118	Prof. S.C. Sharma, Applied Physics	Corresponding author	Ravi Gupta	Modelling the effects of nitrogen doping on the carbon nanofiber growth via catalytic plasma-enhanced chemical vapour deposition process	Contributions to Plasma Physics	Yes	C	Eligible
119	Prof. S.C. Sharma, Applied Physics	Corresponding author	Ruchi Sharma	Theoretical model for the effect of dust grains on self-filamentation of a gaussian electromagnetic beam in a fully ionized plasma	Contributions to Plasma Physics	Yes	C	Eligible
120	Prof. S.C. Sharma, Applied Physics	Corresponding author	Manish Kumar, Sagar Khanna, Neha Gupta, Ravi Gupta	Numerical Simulation and Parametric Study of Carbon Deposition During Graphene Growth in PECVD System	IEEE transactions on Plasma Science	Yes	C	Eligible (For Certificate only)
121	Prof. A. Srinivasa Rao, Applied Physics	Corresponding author	M. Jayasimhadri, Sumandeep Kaur	Color tunability and energy transfer studies of Dy <sup>3+</sup> /Eu <sup>3+</sup> co-doped calcium aluminosilicate phosphor for lighting applications	Materials Research Bulletin	Yes	C	Eligible
122	Prof. A. Srinivasa Rao, Applied Physics	Corresponding author	Nisha Deopa, Shubham Saini, Sumandeep Kaur, Aman Prasad	Spectroscopic investigation on Dy <sup>3+</sup> ions doped zinc lead aluminosilicate glasses for photonic device applications	Journal of Rare Earths	Yes	C	Eligible
123	Prof. A. Srinivasa Rao, Applied Physics	Corresponding author	M. Jayasimhadri, Sumandeep Kaur, B. Sivaiah, D. Haranath	Synthesis optimization, photoluminescence and thermoluminescence studies of Eu <sup>3+</sup> doped calcium aluminosilicate phosphor	Journal of Alloys and Compounds	Yes	C	Eligible



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124	Dr. M. Jayasimhadri, Applied Physics	Corresponding author	Harpreet Kaur	Color tunable photoluminescence properties in Eu <sup>3+</sup> doped calcium bismuth banadate phosphors for luminescent devices	Ceramics International	Yes	C	Eligible
125	Dr. M. Jayasimhadri, Applied Physics	Corresponding author	Mukesh K. Sahu	White light emitting thermally stable bismuth phosphate phosphor Ca <sub>3</sub> Bi(PO <sub>4</sub> ) <sub>3</sub> : Dy <sup>3+</sup> for solid-state lighting applications	Journal of American Ceramic Society	Yes	C	Eligible
126	Dr. M. Jayasimhadri, Applied Physics	Corresponding author	Amit K. Vishwakarama, Kaushal Jha	Enhancement of luminescent properties in Eu <sup>3+</sup> doped BaNb <sub>2</sub> O <sub>6</sub> nanophosphot synthesized by facile metal citrate gel method	Optical Materials	Yes	C	Eligible
127	Dr. M. Jayasimhadri, Applied Physics	Corresponding author	B.C. Jamalaiah	Tunable luminescence properties of BaTiO <sub>3</sub> -CoFe <sub>2</sub> O <sub>4</sub> phosphor sfor LED applications	Journal of Molecular structure	Yes	C	Eligible (For Certificate only)
128	Dr. M. Jayasimhadri, Applied Physics	Corresponding author	Kiwan Jand, Laushal Jha, D. Haranath	Influence of modifier oxides on spectroscopic properties of Eu <sup>3+</sup> doped oxy-fluoro tellurophosphate glasses for visible photonic applications	Journal of Alloys and Compounds	Yes	C	Eligible (For Certificate only)
129	Dr. M. Jayasimhadri, Applied Physics	Corresponding author	S. Shankar, O.P. Thakur	Conductivity behavior and impedance studies in SrAl <sub>2</sub> O <sub>4</sub> :Eu <sup>3+</sup> magnetoelectric composites	Materials Chemistry and Physics	Yes	C	Eligible (For Certificate only)
130	Ms. Suman Dahiya, Applied Physics	First Author	Siddartha Lahon	Effects of temperature and hydrostatic pressure on the optical rectification associated with the excitonic system in a semiparabolic quantum dot	Physics E: Low-dimensional systems and nanostructures	Yes	C	Not Eligible (Paper not published in 2019)

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131	Prof. Rinku Sharma, Applied Physics	First Author	Arun Goyal, Man Mohan	Analysis of configuration interaction and convergence with energy levels and radiative data in WXXXIX	Journal of electron spectroscopy and related phenomena	Yes	C	Eligible
132	Dr. Ajeet Kumar, Applied Physics	Corresponding author	Pooja Chauhan, Yogita Kalra	Computational modeling of tellurite based photonic crystal fiber for infrared supercontinuum generation	Optik	Yes	C	Eligible
133	Dr. Ajeet Kumar, Applied Physics	Corresponding author	Pooja Chauhan, Yogita Kalra	A dispersion engineered silica-based photonic crystal fiber for supercontinuum generation in near-infrared wavelength region	Optik	Yes	C	Eligible
134	Dr. Nitin Kumar Puri, Applied Physics	Corresponding author	Kamal Arora, Saurabh Srivastava, Pratima R. Solanki	Electrochemical Hydrogen gas sensing employing palladium oxide/reduced graphene oxide (PdO-rGO) nanocomposites	IEEE Sensors Journal	Yes	C	Eligible
135	Dr. Nitin Kumar Puri, Applied Physics	Corresponding author	Deepika Sandil, suresh C. Sharma	Protein-functionalized WO <sub>3</sub> nanorods-based impedimetric platform for sensitive and label-free detection of a cardiac biomarker	Journal of Materials Research	Yes	C	Eligible
136	Dr. Mohan Singh Mehata, Applied Physics	Corresponding author	Y. Nandan	Wavefunction engineering of type-I/type-II excitons of CdSe/CdS core-shell quantum dots	Scientific Reports	Yes	B	Not Eligible (Paid Journal)
137	Dr. Mohan Singh Mehata, Applied Physics	First author	R.K. Ratnesh	Luminescent properties and excitation dynamics of core-multi-shell semiconductor quantum dots leading to QLEDs	Dalton Transactions	Yes	C	Not Eligible (Publication Not in the list)



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138	Dr. Mohan Singh Mehata, Applied Physics	Corresponding author	M.K. Singh	Phase-dependent optical and photocatalytic performance of synthesized titanium dioxide (TiO <sub>2</sub> ) nanoparticles	Optik	Yes	C	Eligible
139	Dr. Mohan Singh Mehata, Applied Physics	Corresponding author	N. Pandey, N. Fatma, S. Pant	Efficient fluorescence quenching of 5-aminoquinoline: silver ion recognition study	Journal of Luminescence	Yes	C	Eligible
140	Dr. Rajesh Sharma, USME	First author		Breast cancer incidence, mortality and mortality-to-incidence ratio (MIR) are associated with human development, 1990-2016: evidence from global burden of disease study 2016	Breast Cancer	Yes	C	Eligible
141	Dr. Rajesh Sharma, USME	First author		The burden of prostate cancer is associated with human development index: evidence from 87 countries, 1990-2016	EPMA Journal	Yes	C	Eligible
142	Dr. Rajesh Sharma, USME	First author		An examination of colorectal cancer burden by socioeconomic status: evidence from GLOBOCAN 2018	EPMA Journal	Yes	C	Not Eligible (Paper not published in 2019)
143	Prof. Qasim Murtaza, Mech. Engg.		Ankit Tyagi, R.S. Walia	Tribological Behavior of HVOF carbon coating for wear resistance applications	Materials Research Express	Yes	C	Not Eligible (Paid Journal)
144	Prof. Qasim Murtaza, Mech. Engg.		Ankit Tyagi, Shailash Mani Pandey R.S. Walia	Characterization and parametric optimization of tribological properties of Mo blend composite coating	Materials Research Express	Yes	C	Not Eligible (Paid Journal)

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145	Prof. Qasim Murtaza, Mech. Engg.	Corresponding author	Ankit Tyagi, Shailash Mani Pandey, Dr.R.S. Walia, Kumar krishen	Tribological behavior of sustainable carbon based composite coating for wear resistance application	Materials Research Express	Yes	C	Not Eligible (Paid Journal)
146	Prof. Qasim Murtaza, Mech. Engg.	Corresponding author	Ankit Tyagi, Shailash Mani Pandey, Dr. R.S. Walia, Prof. R.S. Mishra	Characterization and parametric optimization of % change in residual stress of Mo Composite using Taguchi approach	Materials Research Express	Yes	C	Not Eligible (Paid Journal)
147	Dr. Saurabh Agrawal, Mech. Engg.	First author	Prof. Rajesh Kumar Singh (MDI Gurugram)	Analyzing disposition decisions for sustainable reverse logistics: Triple Bottom Line approach	Resources-Conservation and Recycling	Yes	C	Eligible
148	Dr. Sushila Rani, Mech. Engg.	First & Coresponding author	AK. Agrawal, V. Rastogi	Vibration analysis for detecting failure mode and crack location in first stage gas turbine blade	Journal of Mechanical Science and Technology	Yes	C	Eligible
149	Mr. Vipin Kumar Sharma, Mech. Engg.	First & Coresponding author	Prof.Ramesh Chandra singh, Prof. Rajiv Chaudhary	Fabrication and sliding wear behavior of some lead free bearing materials	Materials Research Express	Yes	C	Not Eligible (Paid Journal)
150	Mr. Vipin Kumar Sharma, Mech. Engg.	First author	Prof.Ramesh Chandra singh, Prof. Rajiv Chaudhary, Mayank Saxena, Mukul Anand	Effects of flyash addition on the dry sliding tribological behavior of aluminum composites	Materials Research Express	Yes	C	Not Eligible (Paid Journal)
151	Mr. Sumit Joshi, Mech. Engg.	First & Coresponding author	Prof.Ramesh Chandra singh, Prof. Rajiv Chaudhary	Effect of rotational speed in friction stir processing on the microstructural and mechanical characteristics of cast AS21A magnesium alloy	Materials Research Express	Yes	C	Not Eligible (Paid Journal)
152	Dr. Paras Kumar, Mech. Engg.	First & Coresponding author	Prof. Harish Hirani, Prof. Atul Kumar Agrawal	Effect of gear misalignment on contact area: Theoretical and experimental studies	Measurement (Elsevier)	Yes	C	Eligible



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153	Dr. Anil Kumar, Mech. Engg.	Corresponding author	Arun Kumar Dwivedi, Prashand Baredar, Om Prakash	Bamboo as a complementary crop to address climate change and livelihoods- Insights from India	Forest Policy and Economics (Elsevier)	Yes	C	Eligible
154	Dr. Anil Kumar, Mech. Engg.	Neither First nor Corresponding	S. Phaijit, M. Suklueng, S. Marthosa, S. Niyomwas, N.Y. Voo	Novel Micro-Solid Oxide Fuel Cell (u-SOFC) for Detecting Methane Content in Biogas	Bulletin of Materials Science-Springer	Yes	C	Not Eligible (neither first author nor corresponding)
155	Mr. Mohit Mittal, Mech. Engg.		Prof. Rajiv Chaudhary	Experimental investigation on the mechanical properties and water absorption behavior of randomly oriented short pineapple/coir fiber-reinforced hybrid epoxy composites	Materials Research Express	Yes	C	Not Eligible (Paid Journal)
156	Mr. Mohit Mittal, Mech. Engg.		Prof. Rajiv Chaudhary	Biodegradability and mechanical properties of pineapple leaf/coir fiber reinforced hybrid epoxy composites	Materials Research Express	Yes	C	Not Eligible (Paid Journal)
157	Mr. Yashwant Koli, Mech. Engg.	First author	N. Yuvaraj, Vipin, S. Aravindan	Investigations on weld bead geometry and microstructure in CMT, MIG pulse synergic and MIG welding of AA6061-T6	Materials Research Express	Yes	C	Not Eligible (Paid Journal)
158	Ms. Girija Moona, Mech. Engg.	First & Coresponding author	R.S. Walia Vikas rastogi, Rina Sharma	Parameter optimization and characterization of environmental friendly aluminium hybrid metal matrix composites	Materials Research Express	Yes	C	Not Eligible (Paid Journal)
159	Prof. Naveen Kumar, Mech. Engg.	First Author	Mukul Tomar	Influence of nanoadditives on ignition characteristics of kusum (Schleichera oleosa) biodiesel	International Journal of Energy Research	Yes	C	Eligible

S.NO.	Name of Applicant and Department	Status(First Author/Corresponding author)	Authors	Title	Journal Name	SCI/SCI Expanded/S SCI	Category (A), (B), (C)	Remarks
160	Mr. Ankit Sonthalia, Mech. Engg.	First Author	Naveen Kumar	Hydroprocessed vegetable oil as a fuel for transportation sector: A review	Journal of the Energy Institute	Yes	C	Not Eligible (Applicant author not affiliated from DTU. Affiliation is SRM university)
161	Mr. Ankit Sonthalia, Mech. Engg.	First Author	Naveen Kumar	Comparison of fuel characteristics of hydrotreated waste cooking oil with its biodiesel and fossil diesel	Environmental science and pollution research	Yes	C	Not Eligible (Applicant author not affiliated from DTU. Affiliation is SRM university)
162	Mr. Ankit Sonthalia, Mech. Engg.	First Author	Naveen Kumar	Effect of electrostatic precipitator on exhaust emissions in biodiesel fuelled CI engine	Environmental science and pollution research	Yes	C	Not Eligible (Applicant author not affiliated from DTU. Affiliation is SRM university)
163	Mr. Anuj Kumar jain, Mech. Engg.	First Author	Vikas Rastogi, Atul Kumar Agrawal	Commentary on, Discussion on a novel approach to study the effects of asymmetric stiffness on parametric instabilities of multi-rotor-system by jain et al., journal of sound and vibration 413 (2018) 159-172"	Journal of sound and vibration	Yes	C	Eligible
164	Dr. Rajesh Kumar, Mech. Engg.	First & Coresponding author	Shanay Rab, B.D. Pant, S. Majid	Design development and characterization of MEMS silicon diaphragm force sensor	Vacuum	Yes	C	Not Eligible (Applicant author not affiliated to DTU. Affiliation is NPL, New Delhi)
165	Dr. Rajesh Kumar, Mech. Engg.	First & Coresponding author	S. rab, B.D. Pant, S. Maji, R.S. Mishra	FEA-Based Design Studies for Development of Diaphragm Force Transducers	MAPAN	Yes	C	Not Eligible (Applicant author not affiliated to DTU. Affiliation is NPL, New Delhi)
166	Dr. Rajesh Kumar, Mech. Engg.	First & Coresponding author	B.D. Pant, S. Maji	Development and Characterization of a Diaphragm shaped force transducer for static force measurement	MAPAN	Yes	C	Not Eligible (Applicant author not affiliated to DTU. Affiliation is NPL, New Delhi)



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167	Dr. Rajesh Kumar, Mech. Engg.	First & Coresponding author	B.D. Pant, S. Maji	Design development and characterization of force transducer	Journal of scientific & industrial research	Yes	C	Not Eligible (Applicant author not affiliated to DTU. Affiliation is NPL, New Delhi)
168	Dr. Rajesh Kumar, Mech. Engg.	First & Coresponding author	S. Maji	Force transducer- a review of design and metrological issues	Engineering solid mechanics	Yes	C	Not Eligible (Applicant author not affiliated to DTU. Affiliation is NPL, New Delhi)
169	Dr. Raju Sarkar, Civil Engg.	Neither First nor Corresponding	Stefano Luigi Gariano, Abhirup Dikshit, Kelzang Dorji, Maria Teresa Brunetti, Silvia Peruccacci, Massimo Melillo	Automatic calculation of rainfall thresholds for landslide occurrence in chukha dzongkhag, Bhutan	Bulletin of engineering geology and the environment	Yes	C	Not Eligible (Neither first nor corresponding)
170	Dr. Raju Sarkar, Civil Engg.		Abhirup Dikshit, Biswajeet Pradhan, Saroj Acharya, Kelzand Dorji	Rainfall thresholds for landslide occurences in Bhutan Himalayas	Water	Yes	C	Not Eligible (MDPI is not under the list of journals provided by DTU)
171	Dr. Raju Sarkar, Civil Engg.	Neither First nor Corresponding	Maher Ibrahim Sameen, Biswajeet Pradhan, Dowchu Drukpa, Abdullah M. Alamri, Hyuck-Jin Park	Landslide spatial modelling using unsupervised factor optimization and regularized greedy forests	Computers & Geosciences	Yes	C	Not Eligible (Neither first nor corresponding)
172	Ms. Meenakshi Singh, Civil Engg.	First Author	Prof. Ashutosh Trivedi, Sanjay Kumar Shukla	Strength enhancement of the subgrade soul of unpaved road with geosynthetic reinforcement layers	Transportation Geotechnics	Yes	C	Eligible
173	Dr. Shilpa Pal, Civil Engg.	Corresponding author	Amer Hassan, Dipti Singh	Optimization of base isolation parameters using genetic algorithm	Journal of Statistics and management svstems	Yes	C	Not Eligible (Taylor and Francis is not in the award list)
174	Dr. Shilpa Pal, Civil Engg.	Corresponding author	Aditi Singh, Debi Kanungo	Physical Vulnerability Assessment of buildings exposed to landslides in India	Natural Hazards	Yes	C	Not Eligible (Not first nor corresponding author)

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175	Dr. Anil Kumar Haritash, ENV Engg.	Corresponding author	S. Nandakumar, Harsh Pipil, Sanak Ray	Removal of phosphorous and nitrogen from wastewater in Brachiaria-based constructed wetland	Chemosphere	Yes	C	Eligible
176	Dr. Anil Kumar Haritash, ENV Engg.	Corresponding author	Sakshi, S.K. Singh	Polycyclic aromatic hydrocarbons: soil pollution and remediation	International Journal of Environmental Science and Technology	Yes	C	Eligible
177	Dr. Anil Kumar Haritash, ENV Engg.	Neither First nor Corresponding	Sanak Ray, Miklas Schoolz	Kinetics of carbon and nitrogen assimilation by heterotrophic microorganisms during wastewater treatment	Environmental Monitoring and Assessment	Yes	C	Not Eligible (neither first nor corresponding author)
178	Dr. Rajeev Kumar, Mishra, ENV Engg.	First author	Abhinav Pandey, Govind Pandey , Amrit Kumar	The Effect of odd-even driving scheme on PM2.5 and PM1.0 emission	Transportation Research Part D:	Yes	C	Eligible