CRITERION 3 RESEARCH, INNOVATIONS AND EXTENSION

CRITERION 3.3.3	Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during last five years

Resource Mobilization for Research

1) Institute has allocated an annual budget of Rs. 6 lacs seed money for Resource Mobilization.

2) Institute has applied for Research Centres for working on projects to increase publication works.

3) Institute has professional body memberships for downloading reference papers.

Book Chapters

1) Book Chapters published in Scopus or Web of Science or Indian Citation Index will be considered.

2) The publications minimum count is one by Assistant professors, two by Associate professors and three by Professors per academic year.

3) First authors with the name of DIET will be considered by all means.

4) If the first author and second author are from DIET then second author will be given 50% weight that means two papers of second author are considered as One paper.

5) If the first author is faculty of DIET and if that author provides consent to consider second author as first author then that paper can be considered as paper into the account of second author .

6) For Assistant professors, second or third Author will also be considered if the other authors are outside DIET and this is not applicable for Associate professors and professors.

7) Faculty acting as fourth author and above cannot be considered under any circumstances for the count of papers as per our institute norms.

Sl. No.	Name of the teacher	Title of the paper	Title of the proceedings of the conference	Link to Document
1	Kausar Jahan	Implementation of Unscented Kalman Filter to Autonomous Aerial Vehicle for Target Tracking	2020 IEEE India Council International Subsections Conference (INDISCON)	https://diet.edu.in/cmoon_images/4.implementation_of_unscented_kalman_filter_to_autonomous_aerial_vehicle_for_target_tracking.pdf
2	Kausar Jahan	Tracking Underwater Target Using Angles-only Measurements	2020 IEEE India Council International Subsections Conference (INDISCON)	https://diet.edu.in/cmoon_images/5._tracking_underwater_target_using_angles_only_measurements.pdf
3	Kausar Jahan	Implementation Of underwater target tracking techniques for Gaussian and non-Gaussian environments	Computers and Electrical Engineering,ELSEVIER	https://diet.edu.in/cmoon_images/6._implementation_of_underwater_target_tracking_techniques_for_gaussian_and_non_gaussian_environments.pdf
4	Kausar Jahan	Fusion of Angle Measurements from Hull Mounted and Towed Array Sensors	Information, MDPI	https://diet.edu.in/cmoon_images/7._fusion_of_angle_measurements_from_hull_mounted_and_towed_array_sensors.pdf
5	N.Sireesha, Mrs.J.Nalini	Comparison of Clustering Algorithm	IOTDA-2K21	https://diet.edu.in/cmoon_images/sireesha.pdf
6	VelamuriManasa	Structural Health Monitoring Using IoT	IOTDA-2K21	https://diet.edu.in/cmoon_images/v.manasa1.pdf
7	Archana B T	Sensor Based Frisking	IOTDA-2K21	https://diet.edu.in/cmoon_images/archana_b_t.pdf
8	K.Poojitha	Automatic Smart Irrigation SystemUsing IOT Technology	IOTDA-2K21	https://diet.edu.in/cmoon_images/k.poojitha.pdf
9	B.G.Poornima Himaketan	Optimal Time Table Generation Using Genetic Algorithm	IOTDA-2K21	https://diet.edu.in/cmoon_images/b.g.poornima_himakethan.pdf
10	M Hemanthkumar	Hydrogen Fuel Cell Based Energy Production for	IOTDA-2K21	https://diet.edu.in/cmoon_images/m.hemanth_kumar.pdf

		Domestic Appliances.		
11	Kausar Jahan	Passive Target Tracking Using Sonar Measurements	IOTDA-2K21	https://diet.edu.in/cmoon_images/kausar_jahan.pdf
12	K Srinivas Rao	IoT Based Home Thief Movement Detection and Alerting System Using GSM Technology	IOTDA-2K21	https://diet.edu.in/cmoon_images/srinivasa_rao.pdf
13	R. Suneel Kumar	Wavelet signal and Image denoising	IOTDA-2K21	https://diet.edu.in/cmoon_images/r.v.s.lakshmi_kumari.pdf
14	Aravelli S L K Gopalamma	Design and Implementation of Underground Cable Fault Detector review on control strategies in microgrid to smart	IOTDA-2K21	https://diet.edu.in/cmoon_images/aravelli_s_l_k_gopalamma.pdf
15	M RVSG Guptha	No Death in India over Usage of Ems Application	IOTDA-2K21	https://diet.edu.in/cmoon_images/m_rvsg_guptha.pdf
16	K. Srinivasarao	Role of Smart Technique in Irrigation System	IOTDA-2K21	https://diet.edu.in/cmoon_images/k._srinivasarao.pdf
17	B.Sudheer kumar	Study on Green Concrete for the Future	IOTDA-2K21	https://diet.edu.in/cmoon_images/b.sudheer_kumar.pdf
18	CH Ravi Kumar	DYNAMIC ELECTRIC VEHICLE CHARGING SYSTEM	IOTDA-2K21	https://diet.edu.in/cmoon_images/ch_ravi_kumar.pdf
19	Alfoni Jose K	Switched Reluctance Motor for Hybrid Electric Vehicle using IOT CLOUD	IOTDA-2K21	https://diet.edu.in/cmoon_images/alfoni_jose_k.pdf
20	K Vijay Kumar	Generating Electricity By Using Heating Panel	IOTDA-2K21	https://diet.edu.in/cmoon_images/k_vijay_kumar.pdf
21	Sheik Shabeena	Health Care System for Home Quarantine People Using Raspberry Pi,	IOTDA-2K21	https://diet.edu.in/cmoon_images/sheik_shabeena.pdf

		GSM and IOT Technology		
22	A.S.N.Varma	COVID-19 FENCING AND CONTACT TRACEABILITY	IOTDA-2K21	https://diet.edu.in/cmoon_images/a.s.n.varma.pdf
23	T. Ramesh babu	SMART POWER FACTOR SMART POWER FACTOR CONTROLLER	IOTDA-2K21	https://diet.edu.in/cmoon_images/t._ramesh_babu.pdf
24	K.S.N.VSomesheswararao`	Autonomous Delivery Robot	IOTDA-2K21	https://diet.edu.in/cmoon_images/k.s.n.vsomesheswararao_.pdf
25	P. Amrutha	Accident Detection and Alert System using Arduino	IOTDA-2K21	https://diet.edu.in/cmoon_images/p._amrutha.pdf
26	J. Deleep Kumar	Solar Powered BLDC Motor with HCC Fed Water Pumpin System for Irrigation	IOTDA-2K21	https://diet.edu.in/cmoon_images/j._deleep_kumar..pdf
27	O. Lakshmi Bhavana,Aravelli S L K Gopalamma	A Review on Control Strategies In Microgrid To Smart	IOTDA-2K21	https://diet.edu.in/cmoon_images/o._lakshmi_bhavana_aravelli_s_l_k_gopalamma..pdf
28	VenkataKalyani,Vangapandu NamrathaPadiyar	Capturing Human Categorization of Natural Images by Combining Deep Networks And Cognitive Models	IOTDA-2K21	https://diet.edu.in/cmoon_images/venkatakalyani__vangapandu_namrathapadiyar.pdf
29	Namratha Padiyar,VenkataKalyani Vangapandu	IOT Applications with Secured Light Weight Cryptography	IOTDA-2K21	https://diet.edu.in/cmoon_images/namratha_padiyar.pdf
30	V. Manasa1, B.G. Poornima	Implementation of Cloud Technology in Education	IOTDA-2K21	https://diet.edu.in/cmoon_images/v.manasa.pdf
31	M.Srinivasa Rao	Elliptic Cryptography Curve for Secured Text Encryption	IOTDA-2K21	https://diet.edu.in/cmoon_images/m.srinivasarao.pdf

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45	M.Kishore Kumar	An automatic toll ticketing system using image processing	IOTDA-2K21	https://diet.edu.in/cmoon_images/m.kishore_kumar.pdf
46	J Babu	Temperature Independent On Plastic Optical Fiber Evanescent Wave Sensor	2021 Fourth International Conference on Electrical, Computer and Communication Technologies (ICECCT)	https://diet.edu.in/cmoon_images/7._fusion_of_angle_measurements_from_hull_mounted_and_towed_array_sensors.pdf
47	Madhavi Konni	Previous, Contemporary, and Prospects of E-Waste and Its Management	IGI Global	https://diet.edu.in/cmoon_images/1._previous__contemporary_and_prospects.pdf
48	Madhavi Konni	On-Board and Off Board Technologies for Hydrogen Storage	IGI Global	https://diet.edu.in/cmoon_images/2._on_board_and_off_board.pdf
49	K. V. Umakameswari	A Discussion of Hausdorff Property on Fs-Cartesian Product Topological Spaces	Recent Studies in Mathematics and Computer Science Vol. 2	https://diet.edu.in/cmoon_images/3._a_discussion_of_hausdorff_property_on_fs_cartesian_product_topological_spaces.pdf

50	Karimisetty Sujatha	Underground Water Level Prediction using Machine Learning	Proceedings of A.P. Science Congress- 2019	https://diet.edu.in/cmoon_images/cse1._karimisetty_sujatha.pdf
51	Karimisetty Sujatha	Efficient Online Circulation of Blood in Emergency Search Technique (BEST)	Proceedings of A.P. Science Congress- 2019	https://diet.edu.in/cmoon_images/cse2._karimisetty_sujatha.pdf
52	Kasiyammal M	IOT Based Gesture To Speech Converting Gloves With Android System	Proceedings of A.P. Science Congress- 2019	https://diet.edu.in/cmoon_images/cse3._kasiyammal_m.pdf
53	Archana B. T.	Image Reconstruction From Compressively Sense Data Using Matched Wavelets.	Proceedings of A.P. Science Congress- 2019	https://diet.edu.in/cmoon_images/ece1._archana_b_t.pdf
54	K. Sujatha, S. V. S. V. P. Rama Raju	Person Tracking And Counting System Using Motion Vector Analysis For Crowd Steering	International Conference on Computational Intelligence and Data Engineering	https://diet.edu.in/cmoon_images/cse1._k.sujatha_s.v.s.v.p.rama_raju.pdf
55	P. Vinod Kumar, G.Jagadeesh	"Impedance Based Stability Criterion For Grid Tied 3 Phase Voltage Source Inverters Through L-C- L Filter" P	International Conference on Computational Intelligence and Data Engineering	https://diet.edu.in/cmoon_images/eee1._p.vinod_kumar_g.jagadeesh.pdf
56	K.Vijay Kumar, P. Vinod Kumar, G.Jagadeesh	Stability Analysis And Closed Loop Current Control For Grid Interacted 3 Phase Voltage Source Inverter	International Conference On Electrical,Communication,Electronics, Instrumentation And Computing	https://diet.edu.in/cmoon_images/eee2._p.vinod_kumar_k.vijay_kumar_g.jagadeesh.pdf
57	Ch.Nageswara Rao	Formation and Confirmation of Binary Complexes of Cd(II) with L--Aspasagine in Ethylene glycol medium.	Formation and Confirmation of Binary Complexes of Cd(II) with L--Aspasagine in Ethylene glycol medium.	https://diet.edu.in/cmoon_images/hbs1._ch.nageswara_rao.pdf

58	A.Kiran Kumar	Mobile phones Hampering the 8rowth	Mobile phones Hampering the 8rowth	https://diet.edu.in/cmoon_images/mba1._a.kiran_kumar.pdf
59	Ch.Nageswara Rao	Chemical Analysis of trace elements in medicinal plants	Chemical Analysis of trace elements in medicinal plants	https://diet.edu.in/cmoon_images/hbs2._ch.nageswara_rao.pdf
60	V.Sangeeta	A Secure Fisheye Sorting Algorithm.	International Conference on Advanced Material Technologies	https://diet.edu.in/cmoon_images/cse1._v.sangeeta_amulya_pentakota.pdf
61	K.Amarendra	Performance Modeling of AUDV, DSDV, DSR and TORA Routing Protocols Using NS 2 & NS 3	International Conference on Advanced Material Technologies	https://diet.edu.in/cmoon_images/cse2._k.amarendra.pdf
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