

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 the academic year 2022-2023

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.

Book Chapters & Books (2022-2023)

Sl. No.	Name of the teacher	Title of the book/chapters published	Title of the paper	ISBN/ISSN number of the proceeding	Name of the publisher
1	Dr. A S L K Gopalamma	I2K- 2022	Fast Charging Technique for EV	9781005342531	Smash Words Publishers
2	K Alfoni Jose,	I2K- 2022	Engineering Calculations Using Python & AI	9781005342531	Smash Words Publishers
3	K Srinivasa Rao,	I2K- 2022	Soil Moisture Controller for Different Crops Using IoT & AI	9781005342531	Smash Words Publishers
4	A Krishna Nag	I2K- 2022	Overload Indicator & Prevention of Power Theft	9781005342531	Smash Words Publishers
5	Ch. Lakshmi Prasanna	I2K- 2022	Covid Preventive Temperature & Mask Scan Entry System Using IoT	9781005342531	Smash Words Publishers
6	G Jagadeesh	I2K- 2022	AI Tool Based Security System	9781005342531	Smash Words Publishers
7	B V Veeranjanyulu	I2K- 2022	Solution for the Road Accidents Due to Glare	9781005342531	Smash Words Publishers
8	J Shiva	I2K- 2022	Control of IM drive using PWM and SVPWM	9781005342531	Smash Words Publishers
9	V Sudhakar	I2K- 2022	Sensor less BLDC Motor Drive	9781005342531	Smash Words Publishers
10	B V Siva Prasad	I2K- 2022	Concept of Hybrid Electric Vehicles	9781005342531	Smash Words Publishers
11	P Sravana Lakshmi,	I2K- 2022	Speed Synchronization of Multiple BLDC Motor Drive	9781005342531	Smash Words Publishers
12	K Vijay Kumar	I2K- 2022	Battery Electric Vehicle	9781005342531	Smash Words Publishers
13	J Deleep Kumar,	I2K- 2022	Light Automation and Fault Detection	9781005342531	Smash Words Publishers
14	M Hemalatha	I2K- 2022	DRONE AMBULANCE	9781005342531	Smash Words Publishers
15	Mrs.Archana B T	Research Algorithms in real world Applications	Design of FSR based LBIST Cryptographic system	978-93-5636-162-1	Immortal Publishers

16	Mrs.Archana B T	Research Algorithms in real world Applications	IoT based hand gesture to speech conversion using smart gloves	978-93-5566-688-8	Immortal Publishers
17	Mrs.Archana B T	Research Algorithms in real world Applications	Patient health monitoring using automatic speech processing	978-93-5566-688-8	Immortal Publishers
18	Mrs.Archana B T	Research Algorithms in real world Applications	Trustworthy match making using decision trees	978-93-5437-721-1	Immortal Publishers
19	Dr.Kausar Jahan	Research Algorithms in real world Applications	Application of AUV to track a maneuvering Target	978-93-5636-162-1	Immortal Publishers
20	Dr.Kausar Jahan	Research Algorithms in real world Applications	Application of EKF for underwater bearings only target tracking	978-93-5636-162-1	Immortal Publishers
21	Mrs.D L Mythri	Research Algorithms in real world Applications	Surface Variation Adaptive image Denoising with Nonlocal PCA	978-93-5636-162-1	Immortal Publishers
22	Mrs.D L Mythri, Ms. Sk Shabeena	Research Algorithms in real world Applications	An efficient VLSI implementation of high speed 1024 AES using cryptography	978-93-5780-385-4	Immortal Publishers
23	Sankara Rao Allada	Research Algorithms in real world Applications	Artificial weather chamber	978-93-5780-385-4	Immortal Publishers
24	N. Sarita Rani	Research Algorithms in real world Applications	Identifying selective forwarding attacks in WSN using multiple resources	978-93-5780-385-4	Immortal Publishers
25	Archana B.T., P.Amrutha	Research Algorithms in real world Applications	Image resolution using Delaunay Triangulation	978-93-5780-385-4	Immortal Publishers
26	Sk.Shabeena, R. Suneel Kumar	Research Algorithms in real world Applications	Low power and area efficient FF with embedded logic module	978-93-5780-385-4	Immortal Publishers
27	R. Suneel Kumar, Sk. Shabeena	Research Algorithms in real world Applications	Medical Image Denoising by using Wavelet Transform	978-93-5780-385-4	Immortal Publishers

28	G. Siva Kumari, A.Nalinee Kumari	Research Algorithms in real world Applications	PAPR Reduction using hybrid PS-GW Optimization	978-93-5780-385-4	Immortal Publishers
29	PallaVenkata Murali, K.Sunita	Recent Trends on Humanities and basic sciences	Alice Walkers “The Color Purple” – A Paradigm of Quest for Self	978-93-5779-832-7	Immortal Publishers
30	M.Ramesh	Recent Trends on Humanities and basic sciences	An Integrated Approach to Enhance Language Skills (LSRW) of the ESL Learners by incorporating Role-Play into the classrooms.	978-93-5779-832-7	Immortal Publishers
31	M.Ramesh	Recent Trends on Humanities and basic sciences	English for Scientific & Technical Writing	978-93-5779-832-7	Immortal Publishers
32	Dr.P.Pavitra, B.Roopa Lakshmi Tulasi	Recent Trends on Humanities and basic sciences	Semiconductors on AI Technologies	978-93-5779-832-7	Immortal Publishers
33	Ch.Ramasanyasi Rao VaddiparthiYogeswara	Recent Trends on Humanities and basic sciences	Different Kinds Of Fs-Set Function- Inverse Images	978-93-5779-832-7	Immortal Publishers
34	Dr K V Uma Kameswari, D.Harika, R. Vasu Babu	Recent Trends on Humanities and basic sciences	FS-Complement Operator-Subsets Under Fuzzy Set	978-93-5779-832-7	Immortal Publishers
35	P.Madhuri,	Recent Trends on Humanities and basic sciences	Synthesis of super paramagnetic iron oxide nano particles in	978-93-5779-832-7	Immortal Publishers
36	I. Hemalatha, B.Ch.K.Prethi	Recent Trends on Humanities and basic sciences	Seasonal Variability Of Total Ozone Over India Using Coefficient Of Relative Variation	978-93-5779-832-7	Immortal Publishers

37	K. Somasekhar, Dr. Ch. Prabhakar Rao	Recent Trends on Humanities and basic sciences	The statistical modeling of road traffic noise in an urban city in Indian road conditions	978-93-5779-832-7	Immortal Publishers
38	K.Hema Latha ,Dr. P. Pavithra	Recent Trends on Humanities and basic sciences	Biological and electrochemical techniques for remove Organic Contaminants in the soil	978-93-5779-832-7	Immortal Publishers
39	Palla Venkata Murali	Recent Trends on Humanities and basic sciences	Blended Learning across the Disciplines: a Literary Review on Study of English Language	978-93-5779-832-7	Immortal Publishers
40	Y.Someswara Rao, D.Harika	Recent Trends on Humanities and basic sciences	A Case Study Engineering Mathematics I	978-93-5779-832-7	Immortal Publishers
41	Dr.P.Pavitra	Recent Trends on Humanities and basic sciences	Ground Water Quality characterization by using multi variation techniques and ANOVA and T-Test	978-93-5779-832-7	Immortal Publishers
42	R. Vasu Babu ,Ch.Prabakara Rao , Phani Yedlapalli	Recent Trends on Humanities and basic sciences	On Prime Spectrum of an ADL	978-93-5779-832-7	Immortal Publishers
43	K.Soma Sekhar, R. Vasu Babu, Dr. Ch.Prabakar Rao	Recent Trends on Humanities and basic sciences	Statistical Study Of Atmospheric Ozone Over Indian Continent Using Principal Modes Of Variability.	978-93-5779-832-7	Immortal Publishers

44	K.U.V Padma,D. Padma, Ch.S.K.V.R. Naidu	Emerging trends in Computer Engineering	A Method for Detecting Phishing URLs Using Machine Learning	978-93-5914-875-5	Immortal Publishers
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