



# MOHAMED SATHAK A.J COLLEGE OF ENGINEERING

(Approved by All India Council for Technical Education,  
New Delhi and affiliated to Anna University, Chennai)  
Siruseri IT Park, Egattur, Chennai - 603 103

## Criterion 3: - Research, Innovations and Extension

3.3.2 Number of research papers per teachers in the Journals notified on UGC website during the last five years (10)								
Sl. No	Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number	Link to the recognition in UGC enlistment of the Journal /Digital Object Identifier (DOI) number	Is it listed in UGC Care list/Scopus/Web of Science/ other, mention
							Link to article/paper/abstract of the article	Is it listed in UGC Care list/Scopus/Web of Science/other, mention
<b>2017-2018</b>								
1	Seasonal Variations of Ground Water Quality in and around Gulf of Mannar Coastal Aquifers	A.Balakrishnan	Chemistry	Journal of Environmental Science and Pollution Research	2017-2018	2455-0272	<a href="https://www.jacsdirectory.com/journal-of-environmental-sciences-and-pollution-research/admin/issues/20170729082654_3-2-05%20JESPR17080%20Published.pdf">https://www.jacsdirectory.com/journal-of-environmental-sciences-and-pollution-research/admin/issues/20170729082654_3-2-05%20JESPR17080%20Published.pdf</a>	Others
2	Flexural Behavior of RC Beams using GFRP Composites	Mr.Vinodh kumar	Civil	International Journal of Engineering and Technology (IJET)	2017 - 2018	2227-524X	<a href="https://www.sciencepubco.com/index.php/ijet/article/view/16493/7041">https://www.sciencepubco.com/index.php/ijet/article/view/16493/7041</a>	Others
3	Implementation of UPFC for Voltage SAG Mitigation using particle Swarm Optimization	Thangalaskhmi S	EEE	Journal of Power Electronics and Devices	2017 - 2018	NA	<a href="https://matjournal.s.in/index.php/JO PED/article/view/1854">https://matjournal.s.in/index.php/JO PED/article/view/1854</a>	Others
4	Implementation of UPFC for Voltage SAG Mitigation using particle Swarm Optimization	Dinesh M	EEE	Journal of Power Electronics and Devices	2017 - 2018	NA	<a href="https://matjournal.s.in/index.php/JO PED/article/view/1854">https://matjournal.s.in/index.php/JO PED/article/view/1854</a>	Others
5	Three Level Multilevel Inverter for Direct Torque Control of Induction Motor	Syed Muzafar Ahmed S	EEE	Journal of Control system and its Recent developments	2017 - 2018	NA	<a href="http://hbrppublication.com/OJS/index.php/JCSIRD/article/view/461">http://hbrppublication.com/OJS/index.php/JCSIRD/article/view/461</a>	UGC



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6	Optimum Energy Harvesting and Analysis of an Integrated Solar PV Panel	Thangalaskhmi S	EEE	Journal of Renewable Energy and Resources	2017 - 2018	NA	<a href="https://www.researchgate.net/publication/342987847_Optimum_Energy_Harvesting_and_Analysis_of_an_Integrated_Solar_PV_Panel">https://www.researchgate.net/publication/342987847_Optimum_Energy_Harvesting_and_Analysis_of_an_Integrated_Solar_PV_Panel</a>	UGC
7	Optimum Energy Harvesting and Analysis of an Integrated Solar PV Panel	Madavan J	EEE	Journal of Renewable Energy and Resources	2017 - 2018	NA	<a href="https://www.researchgate.net/publication/342987847_Optimum_Energy_Harvesting_and_Analysis_of_an_Integrated_Solar_PV_Panel">https://www.researchgate.net/publication/342987847_Optimum_Energy_Harvesting_and_Analysis_of_an_Integrated_Solar_PV_Panel</a>	UGC
8	Congestion Management in Deregulated Power Systems using Generator Rescheduling with Particle Swarm Optimization	Thangalaskhmi S	EEE	Journal of Computational and Theoretical Nanoscience	2017 - 2018	1546-1955	<a href="https://www.ingentaconnect.com/contn/asp/jctn/2017/00000014/0000009/art00036">https://www.ingentaconnect.com/contn/asp/jctn/2017/00000014/0000009/art00036</a>	SCI
9	Transmission Line Congestion Management using Hybrid Fish-Bee Algorithm with Unified Power Flow Controller	Thangalaskhmi S	EEE	World Academy of Science, Engineering and Technology International Journal of Energy and Power Engineering	2017 - 2018	9195-0263	<a href="https://publication.s.waset.org/search?q=Thangalaskhmi+S">https://publication.s.waset.org/search?q=Thangalaskhmi+S</a>	Others
10	Designing and Controlling the Speed of Single Phase Induction Motor using Raspberry pi System	Thangalaskhmi S	EEE	Journal of Embedded Systems and Processing	2017 - 2018	---	<a href="http://matjournals.in/index.php/JoESP/article/view/1084">http://matjournals.in/index.php/JoESP/article/view/1084</a>	Others
11	Designing and Controlling the Speed of Single Phase Induction Motor using Raspberry pi System	Dinesh M	EEE	Journal of Embedded Systems and Processing	2017 - 2018	---	<a href="http://matjournals.in/index.php/JoESP/article/view/1084">http://matjournals.in/index.php/JoESP/article/view/1084</a>	Others
12	Prediction of Lung Cancer Using Classifier Models	Justin Xavier D	CSE	International Journal of Science and Research (IJSR)	2017 - 2018	2319-7064	<a href="https://www.ijsr.net/archive/v7i3/ART2018822.pdf">https://www.ijsr.net/archive/v7i3/ART2018822.pdf</a>	Others
13	Embedded Prepaid Energy Meter System to Control Electricity	Dr. S. Sivasubramanian	CSE	International Journal of Recent Trends in Engineering & Research (IJRTER)	2017 - 2018	2455-1457	-	Others



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14	Embedded Prepaid Energy Meter System to Control Electricity	Mohammed Ibrahim Hussain	CSE	International Journal of Recent Trends in Engineering & Research (IJRTER)	2017 - 2018	2455-1457	-	Others
15	Characteristic Analysis of Hard Exudates In Retinal Images	E.Dhiravidachelvi	ECE	International Journal of Pure and Applied Mathematics ,Special Issue	2017 - 2018	1314-3395	<a href="https://acadpubl.eu/jsi/2017-117-15/articles/15/83.pdf">https://acadpubl.eu/jsi/2017-117-15/articles/15/83.pdf</a>	Others
16	Characteristic Analysis of Hard Exudates In Retinal Images	C.Karthick	ECE	International Journal of Pure and Applied Mathematics ,Special Issue	2017 - 2018	1314-3395	<a href="https://acadpubl.eu/jsi/2017-117-15/articles/15/83.pdf">https://acadpubl.eu/jsi/2017-117-15/articles/15/83.pdf</a>	Others
17	Characteristic Analysis of Hard Exudates In Retinal Images	J.Raja	ECE	International Journal of Pure and Applied Mathematics ,Special Issue	2017 - 2018	1314-3395	<a href="https://acadpubl.eu/jsi/2017-117-15/articles/15/83.pdf">https://acadpubl.eu/jsi/2017-117-15/articles/15/83.pdf</a>	Others
18	Characteristic Analysis of Hard Exudates In Retinal Images	K.Sabitha Banu	ECE	International Journal of Pure and Applied Mathematics ,Special Issue	2017 - 2018	1314-3395	<a href="https://acadpubl.eu/jsi/2017-117-15/articles/15/83.pdf">https://acadpubl.eu/jsi/2017-117-15/articles/15/83.pdf</a>	Others
19	Automatic Detection of Micro Aneurysm In Retinal Images	E.Dhiravidachelvi	ECE	Journal of Pharmaceutical Science And Research,	2017 - 2018	0975-1459	<a href="https://www.jpsr.pharmainfo.in/Documents/Volumes/vol9Issue01/jpsr09011716.pdf">https://www.jpsr.pharmainfo.in/Documents/Volumes/vol9Issue01/jpsr09011716.pdf</a>	Others
20	Automatic Detection of Micro Aneurysm In Retinal Images	E.Jayanthi	ECE	Journal of Pharmaceutical Science And Research,	2017 - 2018	0975-1459	<a href="https://www.jpsr.pharmainfo.in/Documents/Volumes/vol9Issue01/jpsr09011716.pdf">https://www.jpsr.pharmainfo.in/Documents/Volumes/vol9Issue01/jpsr09011716.pdf</a>	Others
21	Automatic Detection of Micro Aneurysm In Retinal Images	I.S.Suganthi	ECE	Journal of Pharmaceutical Science And Research,	2017 - 2018	0975-1459	<a href="https://www.jpsr.pharmainfo.in/Documents/Volumes/vol9Issue01/jpsr09011716.pdf">https://www.jpsr.pharmainfo.in/Documents/Volumes/vol9Issue01/jpsr09011716.pdf</a>	Others



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22	Automatic Detection of Micro Aneurysm In Retinal Images	S.Priyadharshini	ECE	Journal of Pharmaceutical Science And Research,	2017 - 2018	0975-1459	<a href="https://www.jpsr.pharmainfo.in/Documents/Volumes/vol19Issue01/jpsr09011716.pdf">https://www.jpsr.pharmainfo.in/Documents/Volumes/vol19Issue01/jpsr09011716.pdf</a>	Others
23	Portable Heart Disease Detector	Dr.E.Dhira vidachelvi	ECE	Journal of Emerging Technologies and Innovative Research	2017 - 2018	2349-5162	<a href="https://www.jetir.org/view?paper=JETIRC006121">https://www.jetir.org/view?paper=JETIRC006121</a>	Others
24	Hard Exudate Detection In Retinal Images Using Statistical Parameters”	E.Dhiravidachelvi	ECE	World Journal of Engineering Research and Technology	2017 - 2018	2454-695X	<a href="https://www.wjert.org/admin/assets/article_issue/22082017/1504181682.pdf">https://www.wjert.org/admin/assets/article_issue/22082017/1504181682.pdf</a>	Others
25	Hard Exudate Detection In Retinal Images Using Statistical Parameters”	M.L. Syed Ali	ECE	World Journal of Engineering Research and Technology	2017 - 2018	2454-695X	<a href="https://www.wjert.org/admin/assets/article_issue/22082017/1504181682.pdf">https://www.wjert.org/admin/assets/article_issue/22082017/1504181682.pdf</a>	Others
26	Hard Exudate Detection In Retinal Images Using Statistical Parameters”	C.Karthick	ECE	World Journal of Engineering Research and Technology	2017 - 2018	2454-695X	<a href="https://www.wjert.org/admin/assets/article_issue/22082017/1504181682.pdf">https://www.wjert.org/admin/assets/article_issue/22082017/1504181682.pdf</a>	Others
27	Hard Exudate Detection In Retinal Images Using Statistical Parameters”	J. Raja	ECE	World Journal of Engineering Research and Technology	2017 - 2018	2454-695X	<a href="https://www.wjert.org/admin/assets/article_issue/22082017/1504181682.pdf">https://www.wjert.org/admin/assets/article_issue/22082017/1504181682.pdf</a>	Others
28	Hard Exudate Detection In Retinal Images Using Statistical Parameters”	S. Naveenumar	ECE	World Journal of Engineering Research and Technology	2017 - 2018	2454-695X	<a href="https://www.wjert.org/admin/assets/article_issue/22082017/1504181682.pdf">https://www.wjert.org/admin/assets/article_issue/22082017/1504181682.pdf</a>	Others
29	Hard Exudate Detection In Retinal Images Using Statistical Parameters”	B. Alagar Ramanujam	ECE	World Journal of Engineering Research and Technology	2017 - 2018	2454-695X	<a href="https://www.wjert.org/admin/assets/article_issue/22082017/1504181682.pdf">https://www.wjert.org/admin/assets/article_issue/22082017/1504181682.pdf</a>	Others