



# 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
							Link to article/paper/abstract of the article
<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>
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>
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://matjournals.in/index.php/JOPEd/article/view/1854">https://matjournals.in/index.php/JOPEd/article/view/1854</a>
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://matjournals.in/index.php/JOPEd/article/view/1854">https://matjournals.in/index.php/JOPEd/article/view/1854</a>
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>
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>



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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>
8	Congestion Management in Deregulated Power Systems using Generator Rescheduling with Particle Swarm Optimization	Thangalakshmi S	EEE	Journal of Computational and Theoretical Nanoscience	2017 - 2018	1546-1955	<a href="https://www.ingentaconnect.com/contentone/asp/jctn/2017/00000014/00000009/art00036">https://www.ingentaconnect.com/contentone/asp/jctn/2017/00000014/00000009/art00036</a>
9	Transmission Line Congestion Management using Hybrid Fish-Bee Algorithm with Unified Power Flow Controller	Thangalakshmi S	EEE	World Academy of Science, Engineering and Technology International Journal of Energy and Power Engineering	2017 - 2018	9195-0263	<a href="https://publications.waset.org/search?q=Thangalakshmi+S">https://publications.waset.org/search?q=Thangalakshmi+S</a>
10	Designing and Controlling the Speed of Single Phase Induction Motor using Raspberry pi System	Thangalakshmi 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>
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>
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>
13	Characteristic Analysis of Hard Exudates In Retinal Images	E.Dhiravida chelvi	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>
14	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>
15	Characteristic Analysis of Hard Exudates In Retinal Images	J.Raja	ECE	International Journal of Pure and Applied Mathematics	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>



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				,Special Issue			
16	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>
17	Automatic Detection of Micro Aneurysm In Retinal Images	E.Dhiravida chelvi	ECE	Journal of Pharmaceuti cal Science And Research,	2017 - 2018	0975-1459	<a href="https://www.jpsr.phar mainfo.in/Documents /Volumes/vol9Issue0 1/jpsr09011716.pdf">https://www.jpsr.phar mainfo.in/Documents /Volumes/vol9Issue0 1/jpsr09011716.pdf</a>
18	Automatic Detection of Micro Aneurysm In Retinal Images	E.Jayanthi	ECE	Journal of Pharmaceuti cal Science And Research,	2017 - 2018	0975-1459	<a href="https://www.jpsr.phar mainfo.in/Documents /Volumes/vol9Issue0 1/jpsr09011716.pdf">https://www.jpsr.phar mainfo.in/Documents /Volumes/vol9Issue0 1/jpsr09011716.pdf</a>
19	Automatic Detection of Micro Aneurysm In Retinal Images	I.S.Suganthi	ECE	Journal of Pharmaceuti cal Science And Research,	2017 - 2018	0975-1459	<a href="https://www.jpsr.phar mainfo.in/Documents /Volumes/vol9Issue0 1/jpsr09011716.pdf">https://www.jpsr.phar mainfo.in/Documents /Volumes/vol9Issue0 1/jpsr09011716.pdf</a>
20	Automatic Detection of Micro Aneurysm In Retinal Images	S.Priyadhars hini	ECE	Journal of Pharmaceuti cal Science And Research,	2017 - 2018	0975-1459	<a href="https://www.jpsr.phar mainfo.in/Documents /Volumes/vol9Issue0 1/jpsr09011716.pdf">https://www.jpsr.phar mainfo.in/Documents /Volumes/vol9Issue0 1/jpsr09011716.pdf</a>
21	Portable Heart Disease Detector	Dr.E.Dhiravi dachelvi	ECE	Journal of Emerging Technolog ies and Innovative Research	2017-2018	2349-5162	<a href="https://www.jetir.org/view?paper=JETIRC 006121">https://www.jetir.org/view?paper=JETIRC 006121</a>
22	Hard Exudate Detection In Retinal Images Using Statistical Parameters”	E.Dhiravida chelvi	ECE	World Journal of Engineering Research and Technology	2017-2018	2454-695X	<a href="https://www.wjert.org/admin/assets/article issue/22082017/1504 181682.pdf">https://www.wjert.org/admin/assets/article issue/22082017/1504 181682.pdf</a>
23	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/22082017/1504 181682.pdf">https://www.wjert.org/admin/assets/article issue/22082017/1504 181682.pdf</a>



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24	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>
25	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>
26	Hard Exudate Detection In Retinal Images Using Statistical Parameters”	S. Naveenkumar	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>
27	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>