



ANNAMACHARYA INSTITUTE OF TECHNOLOGY AND SCIENCES : KADAPA

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3.3.2 List of research papers published in journals notified on UGC website and indexed in UGC CARE/ Scopus/ Web of Science during the assessment period

S. No	Name of faculty author	Name of other contributors. guide	Title of the paper	Name of the journal and Volume	Publication Date	Year	Dept	Listed in
1	Sri Chandana P	Subbarayudu R	An experimental study on effect of metakaolin and iron ore tailings on the properties of high strength concrete	Wutan Huatan Jisuan Jishu	01/01/2021	2021	Civil	Scopus and UGC CARE
2	Sri Chandana P	Varaprasad D, Raghavendra P, Raga Sudha N, Sarma L S, Parveen S.N, Subhosh Chandra M, Chandrasekhar T	Bioethanol production from green alga chlorococcum minutum through reduced Graphene Oxide-supported Platinum-Ruthenium (Pt-Ru/RGO) nanoparticles	Bio energy Research	22/04/2021	2021	Civil	Web of Science
3	C. Venkata Subbaiah	K.Govinda	Heuristic ant colony and reliable fuzzy QoS routing for mobile ad hoc network	Journal of Ambient Intelligence and Humanized Computing	11/03/2021	2021	CSE	Scopus
4	P.Anjaneya	G.K.Rajini	High Efficiency Dense Light Field and all-in-Focus Compression for Lossless Satellite Image By Using CCSDS	International Journal of Speech Technology	39/06/2020	2020	ECE	Web of Science
5	T. Sankar Reddy	P.Roja, P.Chandra Reddy, M.Parvathi	Thermal radiation and viscous dissipation effects on steady MHD heat and mass transfer flow of a micropolar fluid over an inclined isothermal permeable surface in the presence of thermophoresis	Journal of Xidian University, Volume 14	01/04/2020	2020	H&S	Scopus
6	A. Chandra Obula Reddy	K.Madhavi	Convolutional recurrent neural network with template based representation for complex question answering	International Journal of Electrical and Computer Engineering Volume 10	08/12/2019	2020	CSE	Scopus

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7	A Chandra Obula Reddy	K.Madhavi	Hierarchy based firefly optimized K-means Clustering for complex question answering	Indonesian Journal of Electrical Engineering and Computer Science Volume17	16/07/2019	2020	CSE	Scopus
8	C. Venkata Subbaiah	K.Govinda	Improving QOS in mobile ad hoc networks routing using fuzzy inference algorithm	Elsevier Materials today: Proceedings	31/12/2020	2020	CSE	Scopus
9	M.S.Priya darshini, Y.Nagaraj a	S.Afroz	Enhanced Power Control Method in DC Micro grid with Multi Level Converters	Mukt Shabd Journal, Volume IX	01/09/2020	2020	EEE	UGC Care
10	Shaik Jaheer Basha	S.P.V.Chamunde eswari	Quantum computational, spectroscopic and molecular docking studies of 5,5-dimethylhydantoin and its bromine and chlorine derivatives	Chemical Data Collections, Volume 29	16/06/2020	2020	H&S	Scopus
11	Sri Chandana P	Sravani B, Chandrasekhar Y, Maiyalagan T, Subramanyam Sarima L	Bimetallic Pt-Cu- decorated reduced graphene oxide (RGO)- TiO ₂ nanocomposite for efficient oxygen reduction reaction	Synthetic Metals	18/05/2020	2020	Civil	Web of Science
12	B.V.L.Sai Srujana and B.Bhargava vi	B.Venkatesh	Debris collection in water using purification techniques: A review	Mukth Shabd journal, Volume IX	01/05/2020	2020	CSE	UGC Care
13	O.Homa Kesav	G.K.Rajini	Automated detection system for texture feature based classification on different image datasets using s-transform	International Journal of Speech Technology	11/11/2020	2019	ECE	Web of Science
14	Y.Nagaraj a	T.Devaraju,M.Vi jay Kumar	Optimal distributed control of renewable energy based microgrid - an energy management approach	International journal of Ambient Energy	20/04/2019	2019	EEE	Scopus

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15	Shaik Jaheer Basha	S.P.V.Chamunde eswari, S.Muthu, BR.Raajaraman	Quantum Computational, spectroscopic investigations on 6-aminobenzimidazole by DFT/TD-DFT with different solvents and Molecular docking studies	Journal of Molecular liquids	09/10/2019	2019	H&S	Scopus
16	Y.Nagaraja	T.Devaraju,M.Vijay Kumar	Analysis and Design of a robust controller for a grid-connected photovoltaic power plant	International Journal of Ambient Energy	08/03/2018	2018	EEE	Scopus
17	P. Sri Chandana	P.R.K. Bhargav, K.B. Gayathri	Implications and implementation of biomedical waste management rules 2016 in hospitals and a common biomedical waste treatment facility in Andhra Pradesh, India	International journal of environment and waste management, Volume 21	30/06/2018	2018	Civil	Scopus
18	Sri Chandana P	Raghavendra P, Viswakshan Reddy G, Subramanyam Sarma L	Reduced graphene oxide supported Pd@Au core-shell nanoelectrocatalyst for enhanced oxygen reduction in alkaline media	International Journal of Hydrogen Energy, Volume 43	12/08/2017	2018	Civil	Web of Science
19	P. Sri Chandana	P. Raghavendra, G. Vishwakshan Reddy, R. Sivasubramanian, L. Subramanyam Sarma	Facile fabrication of Pt-Ru nanoparticles immobilized on reduced graphene oxide support for the electrooxidation of methanol and ethanol	Chemistryselect, Volume 2	19/12/2017	2017	Civil	Web of Science
20	Sri Chandana P,	Bhargav P.R.K, and Gayathri K.B	Biomedical Waste Management (BMW) Practices in the Pinnamaneni Siddhartha Hospital, India - A Case Study	A Glance at the world- Waste Management, Volume 65	01/07/2017	2017	Civil	Web of Science
21	Sri Chandana P	G.V.Reddy, Raghavendra P, Ankamwar B, Senthil Kumar S S.L.Sarma	Ultra-fine Pt-Ru bimetallic nanoparticles anchored on reduced graphene oxide sheets as highly active electrocatalyst for methanol oxidation	Materials Chemistry Frontiers	18/10/2016	2017	Civil	Web of Science

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22	K. N. Shashi Kumar	Yu-Hsien Peng, Ching-Hwa Lee, Srinivasa R. Popuri	Preparation of High-Purity Ultrafine Copper Powder in Mass-Production by Chemical Reduction Method: Taguchi Robust Design Optimization	Powder Metallurgy and Metal Ceramics, Volume 55	01/07/2016	2016	H&S	Web of Science
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3.3.2 Web links for the journals with ISSN Numbers indexed in UGC CARE website/ SCOPUS/ Web of science published by faculty during the assessment period

S. No	Name of faculty author	Title of the paper	Name of the journal	ISS N No.	Link to website of the Journal	Link to article/paper/abstract of the article	Link to the recognition in UGC enlistment of the Journal
1	Sri Chandana P	An experimental study on effect of metakaolin and iron ore tailings on the properties of high strength concrete	Wutan Huatan Jisuan Jishu	1001 - 1749	http://www.wthtjsjs.cn/	http://wthtjsjs.cn/gallery/44-whjj-jan-2021.pdf	https://www.scopus.com/sources.uri
2	Sri Chandana P	Bioethanol production from green alga chlorococcum minutum through reduced Graphene Oxide-supported Platinum-Ruthenium (Pt-Ru/RGO) nanoparticles	Bioenergy Research	1939 - 1242	https://www.springer.com/journal/12155	DOI: 10.1007/s12155-021-10282-4	https://mjl.clarivate.com/journal-profile
3	C. Venkata Subbaiah	Heuristic ant colony and reliable fuzzy QoS routing for mobile ad hoc network	Journal of Ambient Intelligence and Humanized Computing	1868 - 5137	https://www.springer.com/journal/12652	https://doi.org/10.1007/s12652-021-03140-w	https://www.scopus.com/sourceid/19400158593
4	P.Anjaneya	High Efficiency Dense Light Field and all-in Focus Compression for Lossless Satellite Image By Using CCSDS	International Journal of Speech Technology	1381 - 2416	https://www.springer.com/journal/10772	DOI 10.1007/s10772-020-09725-8	https://mjl.clarivate.com/journal-profile

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5	T. Sankar Reddy	Thermal radiation and viscous dissipation effects on steady MHD heat and mass transfer flow of a micropolar fluid over an inclined isothermal permeable surface in the presence of thermophoresis	Journal of Xidian University	1001 - 2400	http://xadzkjdx.cn/	https://doi.org/10.37896/jxu14.4/433	https://www.scopus.com/sourceid/27686
6	A .Chandra Obula Reddy	Convolutional recurrent neural network with template based representation for complex question answering	International Journal of Electrical and Computer Engineering	2088 - 8708	http://ijece.iaescore.com/index.php/IJECE/login	http://ijece.iaescore.com/index.php/IJECE/article/view/14882	https://www.scopus.com/sourceid/21100373959
7	A .Chandra Obula Reddy	Hierarchy based firefly optimized K-means Clustering for complex question answering	Indonesian Journal of Electrical Engineering and Computer Science	2502 - 4752	http://ijeecs.iaescore.com/index.php/IJECS	http://ijeecs.iaescore.com/index.php/IJECS/article/view/16034/13227	https://www.scopus.com/sourceid/21100799500
8	C. Venkata Subbaiah	Improving QOS in mobile adhoc networks routing using fuzzy inference algorithm	Elsevier Materials today: Proceedings	2214 - 7853	https://www.journals.elsevier.com/materials-today-proceedings	https://www.sciencedirect.com/science/article/pii/S2214785320392361	https://www.scopus.com/sourceid/21100370037?origin=resultslist
9	M.S.Priyadarshini, Y.Nagaraja	Enhanced Power Control Method in DC Micro grid with Multi Level Converters	Mukt Shabd Journal	2347 - 3150	http://shabdbooks.com/	http://shabdbooks.com/gallery/70-sep2020.pdf	https://ugccare.unipune.ac.in/Apps1/User/WebA/SearchList
10	Shaik Jaheer Basha	Quantum computational, spectroscopic and molecular docking studies of 5,5-dimethylhydantoin and its bromine and chlorine derivatives	Chemical Data Collections	2405 - 8300	www.elsevier.com/locate/cdc	https://doi.org/10.1016/j.cdc.2020.100461	https://www.scopus.com/sourceid/21100464634
11	Sri Chandana P	Bimetallic Pt-Cu-decorated reduced graphene oxide (RGO)-TiO ₂ nanocomposite for efficient oxygen reduction reaction	Synthetic Metals	0379 - 6779	https://www.sciencedirect.com/journal/synthetic-metals	https://doi.org/10.1016/j.synthmet.2020.116433	https://mjl.clarivate.com/journal-profile


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12	B.V.L.Sai Srujana and B.Bhargavi	Debris collection in water using purification techniques: A review	Mukth Shabd journal	2347 - 3150	<a href="http://www.shabdb
ooks.com">http://www.shabdb ooks.com	<a href="http://shabdbbooks.com/ga
llery/24-may-2020.pdf">http://shabdbbooks.com/ga llery/24-may-2020.pdf	<a href="https://ugcca
re.unipune.a
c.in/Apps1/
User/WebA/
SearchList">https://ugcca re.unipune.a c.in/Apps1/ User/WebA/ SearchList
13	O.Homa Kesav	Automated detection system for texture feature based classification on different image datasets using s-transform	International Journal of Speech Technology	1572 - 8110	<a href="https://www.spring
er.com/journal/107
72">https://www.spring er.com/journal/107 72	<a href="https://doi.org/10.1007/s1
0772-020-09774-z">https://doi.org/10.1007/s1 0772-020-09774-z	<a href="https://mjl.cl
arivate.com/
journal-
profile">https://mjl.cl arivate.com/ journal- profile
14	Y.Nagaraja	Optimal distributed control of renewable energy based microgrid - an energy management approach	International journal of Ambient Energy	2162 - 8246	<a href="https://www.tandfo
nline.com/toc/taen2
0/current">https://www.tandfo nline.com/toc/taen2 0/current	<a href="https://doi.org/10.1080/0
1430750.2019.1611660">https://doi.org/10.1080/0 1430750.2019.1611660	<a href="https://www.
scopus.com/
sourceid/266
72">https://www. scopus.com/ sourceid/266 72
15	Shaik Jaheer Basha	Quantum Computational, spectroscopic investigations on 6- aminobenzimidazole by DFT/TD-DFT with different solvents and Molecular docking studies	Journal of Molecular liquids	0167 - 7322	<a href="http://www.elsevier.com/
loacte/molliq">www.elsevier.com/ loacte/molliq	<a href="https://doi.org/10.1016/j.
molliq.2019.111787">https://doi.org/10.1016/j. molliq.2019.111787	<a href="https://www.
scopus.com/
sourceid/269
65">https://www. scopus.com/ sourceid/269 65
16	Y.Nagaraja	Analysis and Design of a robust controller for a grid-connected photovoltaic power plant	International Journal of Ambient Energy	0143 - 0750	<a href="https://www.tandfo
nline.com/journals/
taen20">https://www.tandfo nline.com/journals/ taen20	<a href="https://www.tandfonline.
com/doi/abs/10.1080/014
30750.2019.1611660">https://www.tandfonline. com/doi/abs/10.1080/014 30750.2019.1611660	<a href="https://www.
scopus.com/
sourceid/266
72">https://www. scopus.com/ sourceid/266 72
17	P. Sri Chandana	Implications and implementation of biomedical waste management rules 2016 in hospitals and a common biomedical waste treatment facility in Andhra Pradesh, India	International journal of environment and waste management	1478 - 9876	<a href="https://www.inders
cience.com/jhome.
php?jcode=ijewm">https://www.inders cience.com/jhome. php?jcode=ijewm	<a href="https://doi.org/10.1504/IJEW
M.2018.092728">doi/abs/10.1504/IJEW M.2018.092728	<a href="https://www.
scopus.com/
sourceid/109
00153308">https://www. scopus.com/ sourceid/109 00153308
18	Sri Chandana P	Reduced graphene oxide supported Pd@Au core-shell nanoelectrocatalyst for enhanced oxygen reduction in alkaline media	International Journal of Hydrogen Energy	0360 - 3199	<a href="https://www.scienc
edirect.com/journal
/international-
journal-of-
hydrogen-energy">https://www.scienc edirect.com/journal /international- journal-of- hydrogen-energy	<a href="https://doi.org/10.1016/j.i
jhydene.2017.07.199">https://doi.org/10.1016/j.i jhydene.2017.07.199	<a href="https://mjl.cl
arivate.com/
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profile">https://mjl.cl arivate.com/ journal- profile

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19	P. Sri Chandana	Facile fabrication of Pt-Ru nanoparticles immobilized on reduced graphene oxide support for the electrooxidation of methanol and ethanol	Chemistry select	2365 - 6549	https://chemistry-europe.onlinelibrary.wiley.com/journal/123656549	https://doi.org/10.1002/slct.201702636	https://mjl.clarivate.com/journal-profile
20	Sri Chandana P,	Biomedical Waste Management (BMW) Practices in the Pinnamaneni Siddhartha Hospital, India - A Case Study	A Glance at the world-Waste Management	0956 - 053 X	http://www.sciencedirect.com/science/journal/0956053X	https://www.researchgate.net/publication/318534474_Biomedical_Waste_Management_BMW_practices_in_the_Pinnamaneni_Siddhartha_hospital_India_-_A_Case_Study	https://mjl.clarivate.com/journal-profile
21	Sri Chandana P	Ultra-fine Pt-Ru bimetallic nanoparticles anchored on reduced graphene oxide sheets as highly active electrocatalyst for methanol oxidation	Materials Chemistry Frontiers	2052 - 1537	https://pubs.rsc.org/en/journals/journalissues/qm#!recentarticles&adv	https://doi.org/10.1039/C6QM00212A	https://mjl.clarivate.com/journal-profile
22	K. N. Shashi Kumar	Preparation of High-Purity Ultrafine Copper Powder in Mass-Production by Chemical Reduction Method: Taguchi Robust Design Optimization	Powder Metallurgy and Metal Ceramics	1068 - 1302	https://www.springer.com/journal/11106	https://doi.org/10.1007/s11106-016-9818-8	https://mjl.clarivate.com/journal-profile


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