



JAYAWANT SHIKSHAN PRASARAK MANDAL'S

# JAYAWANTRAO SAWANT COMMERCE AND SCIENCE COLLEGE

Sr.No. 58, Handewadi Road, Satavnagar, Hadapsar, Pune-411028.

Phone-7722045403/9175954032



**PROF. DR. T.J. SAWANT**  
B.E, (Elect.), PGDM, Ph.D,  
**FOUNDER SECRETARY**

Email Id:-[principal@jspmjscocs.edu.in](mailto:principal@jspmjscocs.edu.in) Website: [www.jspmjscocs.edu.in](http://www.jspmjscocs.edu.in)

**PROF.DR.V.R. KULKARNI**  
M.Com. MBA, Ph.D,  
**PRINCIPAL**

Approved by Govt. of Maharashtra and Affiliated to SPPU, Pune-07.

College Code: PU/PN/CS/485/2018

### 3.3.1: Number of research papers published per teacher in the Journals notified on UGC CARE list during the last five years

HEI Input:

2022-2023	2021-2022	2020-2021	2019-2020	2018-2019
1	5	5	8	21

Supporting Documents as per SOP:

Link of Journals:



  
**PRINCIPAL**  
JSPM's  
Jayawantrao Sawant  
Commerce & Science College  
Hadapsar, Pune - 411 028.

**Link to directing to journal source cite website in case of digital Journals****INDEX**

Sr. No	Title of paper	Name of the author/s	Name of journal	Link to the recognition in UGC enlistment of the Journal /Digital Object Identifier (doi) number	
				Link to website of the Journal	Link to article / paper / abstract of the article
1	Role of AI Based E Wallets in Business And Financial Transactions,	Ms. Namita Mane and Dr. Pradip Joshi,	International Research Journal of Humanities and Interdisciplinary Studies	<a href="https://irjhis.com/">https://irjhis.com/</a>	<a href="http://irjhis.com/paper/IRJHISIC2302011.pdf">http://irjhis.com/paper/IRJHISIC2302011.pdf</a>
2	"Smart Irrigation System Deploying PSoC and Wireless Sensor Network",	Komal Pilani, Ms. N. Gupta, Dr. Prashant Mane Deshmukh,	International Journal of Scientific Research in Science, Engineering and Technology	<a href="https://ijsrset.com">https://ijsrset.com</a>	<a href="https://ijsrset.com/IJSRSET229243">https://ijsrset.com/IJSRSET229243</a>
3	Humidity Monitoring Of Neonatal Intensive Care Unit Based On Programmable System On Chip	N. N. Kumbhar, S. A. Tingare, S. S. Dalvi, S. K. Tilekar, P. V. Mane Deshmukh	i-manager's Journal on Electronics Engineering,	<a href="https://imanagerpublications.com">https://imanagerpublications.com</a>	<a href="https://imanagerpublications.com/article/18650">https://imanagerpublications.com/article/18650</a>
4	Binary Oxide Thin Films Deposition with In <sub>2</sub> O <sub>3</sub> as Dopant and MoO <sub>3</sub>	Kothawade N B, Dhanwate S. V, Bhise R. B., Gosavi R.S.	International Journal of Creative Research	<a href="https://ijcrt.org">https://ijcrt.org</a>	<a href="https://ijcrt.org/papers/IJCRTL020024.pdf">https://ijcrt.org/papers/IJCRTL020024.pdf</a>



	as a Functional Material and Study of Physical and Gas Sensing Properties	Ghongade H. P., Kulkarni H. R	Thoughts		
5	Development of Wireless Controlled Robot Arm for Industrial Applications	Satyam S. Tilekar, Vikram T. Pawar, Aryan S. Tilekar, Shivprasad K. Tilekar, Prashant V. Mane Deshmukh	i-manager's Journal on Mechanical Engineering	<a href="https://imanagerpublications.com">https://imanagerpublications.com</a>	<a href="https://imanagerpublications.com/article/18641/">https://imanagerpublications.com/article/18641/</a>
6	Synthesis and characterization of binary oxide In <sub>2</sub> O <sub>3</sub> : MoO <sub>3</sub> thin films	Kothawade N B, Dhanwate S. V, Bhise R. B., Gosavi R.S. Ghongade H. P., Kulkarni H. R	International Journal of Advance and Applied Research	<a href="https://ijaar.co.in/">https://ijaar.co.in/</a>	<a href="https://ijaar.co.in/wp-content/uploads/2022/03/2.-1to-10.pdf">https://ijaar.co.in/wp-content/uploads/2022/03/2.-1to-10.pdf</a>
7	Design and Development of Smart Displacement Measurement System	Mane Deshmukh, P. V. Adat D. M., Wagh, P. S, Ladgaonkar . B. P. and Tilekar, S. K.	i -manager's Journal on Embedded Systems	<a href="https://imanagerpublications.com">https://imanagerpublications.com</a>	<a href="https://imanagerpublications.com/article/17831/">https://imanagerpublications.com/article/17831/</a>
8	Synthesis of Ferrite based Sensor and Development of PIC 18F4550	S. K. Tilekar, B. P. Ladgaonkar, P.V. Mane Deshmukh,	International Research Journal of Engineering and	<a href="https://www.irjet.net">https://www.irjet.net</a>	<a href="https://www.irjet.net/archives/V8/i3/IRJET-V8I3430.pdf">https://www.irjet.net/archives/V8/i3/IRJET-V8I3430.pdf</a>



	based Sensor Module for Measurement of Ammonia Gas Concentration		Technology		
9	Microbial Robots to Treat the third Degree Burnt Patients: Review	Dhakane R, Bichkule K, Jadhav L	International Journal of Microbial Science	<a href="https://internationaljournalofmicrobialscience.com/index.php/dhakane-r-bichkule-k-jadhav-l-microbial-robots-to-treat-the-third-degree-burnt-patients-review/">https://internationaljournalofmicrobialscience.com/index.php/dhakane-r-bichkule-k-jadhav-l-microbial-robots-to-treat-the-third-degree-burnt-patients-review/</a>	
10	Design and Development of Mixed Signal Based SoC using SmartFusion Device for Wireless Sensor Network for Precision Agricultural (PA) Application	S. C. Pathan, S. S. Shaik, S. K. Tilekar, P. V. Mane Deshmukh, P. S. Wagh and B. P. Ladgaonkar	International Research Journal of Engineering and Technology	<a href="https://www.irjet.net/archives/V8/i8/IRJET-V8I830.pdf">https://www.irjet.net</a>	<a href="https://www.irjet.net/archives/V8/i8/IRJET-V8I830.pdf">https://www.irjet.net/archives/V8/i8/IRJET-V8I830.pdf</a>
11	Interfacing Of LVDT With AT89s52 Microcontroller For The Development Of Precise Instrumentation To Ensure Accurate Measurement	S. A. Pote, P. S. Wagh, T. K Pise, S. C. Pathan, P. V. Mane Deshmukh, S. K. Tilekar,	i-manager's Journal on Embedded Systems,	<a href="https://imanagerpublications.com/article/18411/">https://imanagerpublications.com</a>	<a href="https://imanagerpublications.com/article/18411/">https://imanagerpublications.com/article/18411/</a>



	Across Industry Spectrum				
12	Can Coronaviridae Viruses Reappear with their Novel Variants in Upcoming Years?	Dhakane R, Shinde A, Bhattacharjee S, Wagh S	International Journal of Microbial Science	<a href="https://internationaljournalofmicrobialsce.com/index.php/dhakane-r-shinde-abhattacharjee-s-wagh-s-coronaviridae-viruses-reappear-with-their-novel-variants-in-upcoming-years/">https://internationaljournalofmicrobialsce.com/index.php/dhakane-r-shinde-abhattacharjee-s-wagh-s-coronaviridae-viruses-reappear-with-their-novel-variants-in-upcoming-years/</a>	<a href="https://internationaljournalofmicrobialsce.com/index.php/dhakane-r-shinde-abhattacharjee-s-wagh-s-coronaviridae-viruses-reappear-with-their-novel-variants-in-upcoming-years/">https://internationaljournalofmicrobialsce.com/index.php/dhakane-r-shinde-abhattacharjee-s-wagh-s-coronaviridae-viruses-reappear-with-their-novel-variants-in-upcoming-years/</a>
13	Designing of the Smart Patient Transportation System.	P. V. Mane Deshmukh	i -manager's Journal on Embedded Systems,	<a href="https://www.proquest.com/openview/c677d6b3dad848ad41d20b1ded25ff61/1?pq-origsite=gscholar&amp;cb1=2030623">https://www.proquest.com/openview/c677d6b3dad848ad41d20b1ded25ff61/1?pq-origsite=gscholar&amp;cb1=2030623</a>	<a href="https://www.proquest.com/openview/c677d6b3dad848ad41d20b1ded25ff61/1?pq-origsite=gscholar&amp;cb1=2030623">https://www.proquest.com/openview/c677d6b3dad848ad41d20b1ded25ff61/1?pq-origsite=gscholar&amp;cb1=2030623</a>
14	Microcontroller based an Embedded System for Railway Gate Monitoring and Controlling.	Wagh, P. S., More, A. B., Pote, S. A., Pise, T. K., Pathan, S. C., Tilekar, S. K., and Mane Deshmukh, P. V	i -manager's Journal on Embedded Systems	<a href="http://www.imanagerpublications.com">http://www.imanagerpublications.com</a>	<a href="https://imanagerpublications.com/article/16992/">https://imanagerpublications.com/article/16992/</a>
15	Development of Microcontroller Based Bluetooth Controlled System	G. B. Bhagat, A. R. Patil, P. V. Mane - Deshmukh, S.	International Research Journal of Engineering and	<a href="https://www.irjet.net">https://www.irjet.net</a>	<a href="https://www.irjet.net/archives/V7/i7/IRJET-V7I71024.pdf">https://www.irjet.net/archives/V7/i7/IRJET-V7I71024.pdf</a>



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	for High Power Electric Appliances	K. Tilekar and S. A. Pawar,	Technology		
16	Oseltamivir against Influenza in Severe Acute Respiratory Infection (SARI): Review.	Tingre G, Dhakane R	International Journal of Microbial Science	<a href="https://internationaljournalofmicrobialsce.com/index.php/tingre-g-dhakane-r-oseltamivir-against-influenza-in-severe-acute-respiratory-infection-sari-2/">https://internationaljournalofmicrobialsce.com/index.php/tingre-g-dhakane-r-oseltamivir-against-influenza-in-severe-acute-respiratory-infection-sari-2/</a>	
17	Eisenia fetida and Eisenia andrei delimitation by automated barcode gap discovery and neighbour joining analyses	Dhakane R, Shinde A	J App Biol Biotech.	<a href="https://jabonline.in/">https://jabonline.in/</a>	<a href="https://www.researchgate.net/publication/346495783_Eisenia_fetida_and_Eisenia_andrei_delimitation_by_Automated_Barcode_Gap_Discovery_and_neighbor-joining_analyses_A_review">https://www.researchgate.net/publication/346495783_Eisenia_fetida_and_Eisenia_andrei_delimitation_by_Automated_Barcode_Gap_Discovery_and_neighbor-joining_analyses_A_review</a>
18	Current Status of Potential Vaccine against COVID-19: Review	Dhakane R, Bhattacharjee S, Chalak K	International Journal of Microbial Science	<a href="https://internationaljournalofmicrobialsce.com/index.php/dhakane-r-bhattacharjee-s-chalak-k-current-status-of-potential-vaccine-against-covid-19/">https://internationaljournalofmicrobialsce.com/index.php/dhakane-r-bhattacharjee-s-chalak-k-current-status-of-potential-vaccine-against-covid-19/</a>	
19	Status of Bacteriophage Genetic Modifications: a	Dhakane R, Zurange R, Madhumita M, Lohar N.	International Journal of Microbial Science	<a href="https://internationaljournalofmicrobialsce.com/index.php/dhakane-r-zurange-r-">https://internationaljournalofmicrobialsce.com/index.php/dhakane-r-zurange-r-</a>	



	Review				<a href="#">madhumita-m-lohar-n-status-of-bacteriophage-genetic-modifications/</a>
20	Synthesis, Spectroscopic Characterization Of Some Transition Metal Complexes Of Unsymmetrical Tetradentate Schiff Base Ligand	V. L. Borde1, C. D. Thakur1 S. G. Shankarwar2, A. G. Shankarwar1	International Multidisciplinary E-Research Journal	<a href="https://www.primescolars.com/articles/synthesis-characterization-of-some-transition-metal-complexes-ofunsymmetrical-tetradentate-schiff-base.pdf">https://www.primescolars.com/articles/synthesis-characterization-of-some-transition-metal-complexes-ofunsymmetrical-tetradentate-schiff-base.pdf</a>	<a href="https://www.primescolars.com/articles/synthesis-characterization-of-some-transition-metal-complexes-ofunsymmetrical-tetradentate-schiff-base.pdf">https://www.primescolars.com/articles/synthesis-characterization-of-some-transition-metal-complexes-ofunsymmetrical-tetradentate-schiff-base.pdf</a>
21	Manifestation of unrequited love in yats' poetical creations	Dr. Sandip P. Gawate	International Journal of English Research	<a href="http://www.englishjournals.com">www.englishjournals.com</a>	<a href="https://www.englishjournals.com/search?q=Poetical%20creation">https://www.englishjournals.com/search?q=Poetical%20creation</a>
22	Spoilage and preservation of milk and milk products	Rajesh Dhakane, Rekha Gulve, Anant Shinde, Amol Jadhav, Satish Bhusnar	International Journal of Emerging Technologies and Innovate Research	<a href="http://www.jetir.org">www.jetir.org</a>	<a href="https://www.jetir.org/papers/JETIR1906Y95.pdf">https://www.jetir.org/papers/JETIR1906Y95.pdf</a>
23	Mitochondrial Cytochrome c Oxydase Subunit I (COI) Gene based Identification and Control of Invasive Stink Bug Species	Anant Shinde, Rajesh Dhakane, Harishchandra Kulkarni.	International Journal of Emerging Technologies and Innovate Research	<a href="http://www.jetir.org">www.jetir.org</a>	<a href="https://www.jetir.org/papers/JETIR1907R57.pdf">https://www.jetir.org/papers/JETIR1907R57.pdf</a>
24	Review of DNA	Rajesh	International	<a href="http://www.jetir.org">www.jetir.org</a>	<a href="https://www.jetir.org/">https://www.jetir.org/</a>



	based Identification of Food Pests.	Dhakane, Rekha Gulve, Harishchandra Kulkarni, Archana Ghadge	Journal of Emerging Technologies and Innovate Research		<a href="http://papers/JETIR1907S95.pdf">papers/JETIR1907S95.pdf</a>
25	Designing of Mixed Signal Based System - On -Chip for ECG Monitoring	S. C. Pathan, S. S. Shaikh, P. V. Mane - Deshmukh, S. K. Tilekar, B. P. Ladgaonkar	Journal of Applied Science and Computations	<a href="https://j-asc.com/index.php/volume-6-issue-2-february-2019/">https://j-asc.com/index.php/volume-6-issue-2-february-2019/</a>	<a href="https://app.box.com/s/9j7ylove4eo44op9sd1a0k5vi3tmihb9">https://app.box.com/s/9j7ylove4eo44op9sd1a0k5vi3tmihb9</a>
26	Development of Mixed Signal Based SoC for Monitoring of Neonatal Intensive Care Unit (NICU) Parameters	N. N. Kumbhar, S. K. Tilekar, P.V. Mane - Deshmukh,	Journal of Science and Technology,	<a href="https://jst.org.in/">https://jst.org.in/</a>	<a href="https://jst.org.in/index.php/pub/article/view/79">https://jst.org.in/index.php/pub/article/view/79</a>
27	An Electronics Solution to Facilitate Smart City for Waste Management	D. M. Adat, P. V. Mane Deshmukh, S. K. Tilekar and B. P. Lagaonkar	Journal on Electronics Engineering	<a href="http://www.imanagerpublications.com">http://www.imanagerpublications.com</a>	<a href="http://www.imanagerpublications.com/article/15179">http://www.imanagerpublications.com/article/15179</a>
28	Designing of Remote Terminal Unit for Measurement of pH in Water Treatment Plant	Prashant V. Mane - Deshmukh, Ashwini B. More, B. P. Ladgaonkar, S. K. Tilekar	i -manager's Journal on Electronics Engineering	<a href="http://www.imanagerpublications.com">http://www.imanagerpublications.com</a>	<a href="https://imanagerpublications.com/article/15275/">https://imanagerpublications.com/article/15275/</a>
29	Investigation of	Mane	i -manager's	<a href="http://www.imanagerpublications.com">http://www.imanagerpublications.com</a>	<a href="https://imanagerpublications.com">https://imanagerpublications.com</a>





	WSN Parameters for Realization of Quality of Service	Deshmukh, P. V., Ladgaonkar, B. P., and Tilekar, S. K.	Journal on Wireless Communica	<a href="http://agerpublications.com">agerpublications.com</a>	<a href="http://cations.com/article/16663/">cations.com/article/16663/</a>
30	Review Study on Current Status, Opportunity and Threats in the Use of Electric Vehicles	Sangramsinh Mohite, Rahul Deshmukh, Himanshu Jaiswal, Tejas Borkar, Akshay Ekatpure, Manasi Chabukswar, H. R. Kulkarni	Our Heritage	<a href="https://www.ourheritagejournal.com">https://www.ourheritagejournal.com</a>	<a href="https://www.ourheritagejournal.com/index.php/oh/article/view/8659/8192">https://www.ourheritagejournal.com/index.php/oh/article/view/8659/8192</a>
31	Internet: A Treasure Box for Teachers and Students	Dr. Gawate Sandip Prakash and Ms, Namita Mane	Research Review International Journal of Multidisciplinary	<a href="http://www.rjournals.com">www.rjournals.com</a>	<a href="https://www.researchgate.net/publication/337242660_Internet_A_Treasure_Box_for_Teachers_and_Students">https://www.researchgate.net/publication/337242660_Internet_A_Treasure_Box_for_Teachers_and_Students</a>
32	AI Based Banking System: A Strategic Customer Centric Approach,	Ms. Namita Mane	International Journal of Commerce and Management research,	<a href="https://www.managejournal.com/">https://www.managejournal.com/</a>	<a href="https://www.managejournal.com/assets/archives/2019/vol5issue5/5-5-60-200.pdf">https://www.managejournal.com/assets/archives/2019/vol5issue5/5-5-60-200.pdf</a>
33	Artificial intelligence (AI) based instructional program in teaching learning of english language	Dr. Sandip P. Gawate	International Journal of English Language, Literature and Translational Studies	<a href="http://www.ijelr.in">http://www.ijelr.in</a>	doi: <a href="https://doi.org/10.33329/ijelr.64.69">10.33329/ijelr.64.69</a>



34	Smartphones: An Effective Aid in Teaching-Learning of English Language	Dr. Sandip P. Gawate1, Mr. Ajitrao Babasaheb Jadhav2	International Journal of English, Literature and Social Science	<a href="https://ijels.com/">https://ijels.com/</a>	<a href="https://ijels.com/detail/smartphones-an-effective-aid-in-teaching-learning-of-english-language/">https://ijels.com/detail/smartphones-an-effective-aid-in-teaching-learning-of-english-language/</a>
35	Isolation of DNA from Onion”	Sunil P. Hadke*, Sandesh R. Wayal, Nitin B. Londhe,	International Journal of Pharmacy and Biological Science	<a href="https://ijpbs.com">https://ijpbs.com</a>	<a href="https://ijpbs.com/abstract.php?iid=1251">https://ijpbs.com/abstract.php?iid=1251</a>
36	A study of customer satisfaction levels with special reference to national banks in pune city	P. H. Kulkarni H. R. Kulkarni	KAAB International Journal of Economics, Commerce and Business Management	<a href="https://www.kaavpublications.org">https://www.kaavpublications.org</a> <a href="https://www.kaavpublications.org/journals/ECM">https://www.kaavpublications.org/journals/ECM</a>	<a href="https://www.kaavpublications.org/abstracts/a-study-of-customer-satisfaction-level-with-special-reference-to-nationalise-banks-in-pune-city">https://www.kaavpublications.org/abstracts/a-study-of-customer-satisfaction-level-with-special-reference-to-nationalise-banks-in-pune-city</a>
37	Designing of an Embedded system for Wireless Sensor Network for Hazardous Gas leakage control for industrial Application	P. V. Mane Deshmukh, D. M. Adat, B. P. Ladgaonkar, S. K. Tilekar	Journal on Embedded Systems,	<a href="https://www.imanagerpublication.com">https://www.imanagerpublication.com</a>	<a href="http://www.imanagerpublications.com/article/14763">http://www.imanagerpublications.com/article/14763</a>
38	Smart Graphical User Interface for Wireless Sensor Network	P. V. Mane - Deshmukh	Journal on Software Engineering	<a href="https://imanagerpublications.com">https://imanagerpublications.com</a>	<a href="https://imanagerpublications.com/article/14844/">https://imanagerpublications.com/article/14844/</a>
39	Designing Of	P. V. Mane -	Journal on	<a href="https://imanager">https://imanager</a>	<a href="https://imanagerpubli">https://imanagerpubli</a>



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Sr.No. 58, Handewadi Road, Satavnagar, Hadapsar, Pune-411028.

Phone-7722045403/9175954032



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Email Id:-[principal@jspmjscocs.edu.in](mailto:principal@jspmjscocs.edu.in) Website: [www.jspmjscocs.edu.in](http://www.jspmjscocs.edu.in)

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	Wireless Sensor Network To Protect Agricultural Farm From Wild Animals	Deshmukh	Information Technology	<a href="http://publications.com">publications.com</a>	<a href="http://publications.com/index.php/article/14505/">publications.com/index.php/article/14505/</a>
40	Development of AVR Based Embedded System to Precise Monitor and Control the Humidity of Polyhouse	G. B. Bhagat, R. A. Nanaware, P. V. Mane Deshmukh, S. K. Tilekar, S. A. Pawar	International Journal of Engineering, Science and Mathematics	<a href="https://www.ijes.com">https://www.ijes.com</a>	<a href="https://www.ijes.com/uploads/68/9135_pdf.pdf">https://www.ijes.com/uploads/68/9135_pdf.pdf</a>



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