

<b>Avantika University</b>	<b>Research Summary</b>	<b>Academic Year</b>
<b>School of Engineering</b>		<b>2021 - 2022</b>

<b>Sr. No.</b>	<b>Particulars</b>	<b>Number</b>
1	No. of Papers Published in International Journals	<b>1</b>
2	No. of Papers Published in National Journals	<b>0</b>
3	No. of Papers Presented in International Conferences / Seminars	<b>3</b>
4	No. of Papers Presented in National Conferences / Seminars	<b>0</b>
5	No. of Books /Book Chapter	<b>0</b>
6	Design Registration	<b>4</b>
7	Copyright	<b>2</b>
<b>TOTAL</b>		<b>10</b>

<b>Avantika University</b>	<b>Publication - International Journal</b>	<b>Academic Year</b>	<b>2021 - 2022</b>
<b>School of Engineering</b>			

Sr. No.	Name of Faculty	Title of Paper	Journal Name	Year of Publication	ISBN No and Dol	Volume No, Issue No	Page No	Publisher
1	<b>Satyajit Pangaonkar;</b> Reena Gunjan	A consolidative evaluation of extracted EGG speech signal for pathology identification	International Journal of Simulation and Process Modelling	2021	10.1504/IJSP M.2021.1188 46	Vol.16 No.4	pp.300 - 314	Inderscience

<b>Avantika University</b>	<b>Publication - International Conference</b>	<b>Academic Year</b>	<b>2021 - 2022</b>
<b>School of Engineering</b>			

Sr. No.	Name of Faculty	Title of Paper	Conference Name	Organized by	Date of Conference	ISBN No	Doi	Page No	Publisher and date of Publication
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1	Shailesh Shinde, Ashitosh Chavan, Aniket Gundecha, <b>Kaliprasad Mahapatro</b>	Robust Control Algorithm for Piezo-electric Energy Scavenging	SSRN, Elsevier, 3rd International Conference on Communication and Information Processing (ICCIP-2021)	Nutan College of Engineering and Research	26-27 June 2021		<a href="https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3924097">https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3924097</a>	1 to 11	SSRN, Elsevier, 17/09/2021 <b>Date Written: April 7, 2021</b>
2	Pratiksha Sahane; <b>Satyajit Pangaonkar;</b> Shridhar Khandekar	Dysarthric Speech Recognition using Multi-Taper Mel Frequency Cepstrum Coefficients	2021 International Conference on Computing, Communication and Green Engineering (CCGE)	JSPM's Rajarshi Shahu College of Engineering (RSCOE), Pune	23-25 September 2021	978-1-6654-1509-5	<a href="https://doi.org/10.1109/CCGE50943.2021.9776318">10.1109/CCGE50943.2021.9776318</a>	1 to 4	IEEE, 24 May 2022
3	<b>Satyajit Pangaonkar;</b> Reena Gunjan; Virendra Shete	Recognition of Human Emotion through effective estimations of Features and Classification Model	2021 International Conference on Computing, Communication and Green Engineering (CCGE)	JSPM's Rajarshi Shahu College of Engineering (RSCOE), Pune	23-25 September 2021	978-1-6654-1509-5	<a href="https://doi.org/10.1109/CCGE50943.2021.9776405">10.1109/CCGE50943.2021.9776405</a>	1 to 6	IEEE, 24 May 2022

<b>Avantika University</b>	<b>Design Registration</b>	<b>Academic Year</b>	<b>2021 - 2022</b>
<b>School of Engineering</b>			

Sr. No.	Applicants	Topic	Registered by	Date of Registration	Time of Registration	Design No	Date of Issue	Issue Time
1	Aditya Upadhya, Varun Tiwari	Device for Inspection of Water Tanks	Patent Office, Kolkata 700091	11/07/2021	17:30:46	346107-001	18/08/2021	17:14:18
2	Samit Mukherjee, Ravikumar Jadhav	Smart Dustbin	Patent Office, Kolkata 700091	11/07/2021	17:36:49	346109-001	25/08/2021	15:58:50
3	Aditya Upadhya, Mansi Bandal, Varun Tiwari	Holder for Drinking Container	Patent Office, Kolkata 700091	10/12/2020	19:58:42	336130-001	21/01/2022	16:32:17
4	Mayank Soni, Ravikumar Jadhav Prasheel Suryawanshi	Commode Cleaning Assembly	Patent Office, Kolkata 700091	10/03/2022		360339-001		

<b>Avantika University</b>	<b>Copyrights</b>	<b>Academic Year</b>	<b>2021 - 2022</b>
<b>School of Engineering</b>			

Sr. No.	Applicants	Title of Work	Registered by	Date of Application	Date of Registration	Registration No	Status	Work is published or unpublished
1	Aditya Upadhya, <b>Varun Tiwari,</b> <b>Ravikumar Jadhav</b>	UNDERWATER REMOTELY OPERATED VEHICLE FOR INSPECTION OF WATER TANKS	Copyright Office, Gov. of India	11/07/2021	13/08/2021	L-106392/2021	Registered	Unpublished
2	Mayank Soni, <b>Ravikumar Jadhav</b> <b>Prasheel</b> <b>Suryawanshi</b>	SELF CLEANING MECHANISM FOR WESTERN COMMUNES	Copyright Office, Gov. of India	10/03/2022	23/05/2022	L-115838/2022	Registered	Unpublished