STANDARD TEMPLATE OF FACULTY PROFILE FOR UPLOADING OF UNIVERSITY WEBSITE

<table>
<tr><td>Title</td><td>Dr.</td><td>First Name</td><td>MANISHA</td><td>Last Name</td><td>PARLEWAR</td><td rowspan="3">  </td></tr>
<tr><td colspan="2">Designation</td><td colspan="4">Assistant Professor</td></tr>
<tr><td colspan="2">School /Dept. Name</td><td colspan="4">University School of Automation and Robotics/ Automation and Robotics/ Mechanical Engineering</td></tr>
<tr><td colspan="2">Address:</td><td colspan="5">Assistant Professor
Automation &Robotics/Mechanical Engineering
University School of Automation and Robotics, Guru Gobind Singh Indraprastha University, East Campus, Surajmal Vihar, Delhi-110092</td></tr>
<tr><td colspan="2" rowspan="3">Phone No.</td><td>Office</td><td colspan="4"></td></tr>
<tr><td>Residence</td><td colspan="4">(optional)</td></tr>
<tr><td>Mobile</td><td colspan="4">9930616587</td></tr>
<tr><td colspan="2">Email</td><td colspan="2">1. manisha.usar@ipu.ac.in</td><td colspan="3">2.mpparlewar@gmail.com</td></tr>
<tr><td colspan="2">Web Page (if any)</td><td colspan="5">https://scholar.google.com/citations?user=ux8VCiQAAAAJ&hl=en</td></tr>
<tr><td colspan="2">Subjects Taught</td><td colspan="5">Computer Vision, Natural Language Processing, Advanced Digital Signal Processing, Digital Circuits, Fundamentals of Information Theory, Adaptive Signal Processing, Analog Electronics, Artificial Intelligence: Theory and Practice, Digital Signal Processing, Signal and Systems, Control Systems, Statistical Theory of Communication, Probability and Random Processes, Digital Image Processing. Digital Communication, C Programming, Python Programming</td></tr>
<tr><td colspan="2">Areas of Interest/Specialization</td><td colspan="5">Machine Learning, Computer Vision, Natural Language Processing</td></tr>
<tr><td colspan="2" rowspan="4">Experience (in years)</td><td>Total</td><td colspan="4">10 Years</td></tr>
<tr><td>Industry</td><td colspan="4"></td></tr>
<tr><td>Teaching</td><td colspan="4">10 Years</td></tr>
<tr><td>Research</td><td colspan="4"></td></tr>
<tr><td colspan="2" rowspan="3">Educational Qualifications</td><td>UG</td><td colspan="4">B.Tech (Electronics and Communication Engineering), Dr. Babasaheb Ambedkar Technological University, Lonere, Maharashtra</td></tr>
<tr><td>PG</td><td colspan="4">M.Tech (Electronics and Communication Engineering), Dr. Babasaheb Ambedkar Technological University, Lonere, Maharashtra</td></tr>
<tr><td>Doctorate</td><td colspan="4">Ph.D (Electronics and Communication Engineering) Visvesvaraya National Institute of Technology, Nagpur, Maharashtra</td></tr>
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	Any other	
Research Publications in Journals (last 5 years)	1. Neeraj Dhanraj Bokde, Prajwal Kailasnath Patil, Saradindu Sengupta, **Manisha Sawant**, Andres E. Feijoo-Lorenzo, VedicDateTime: An R Package to Implement Vedic Calendar System, In Multimedia tools and Applications, Springer, 2023 (Impact Factor: 2.757). 2. **Sawant Manisha**, and Patil R., Shikhare T., Nagle S., Chavan S.; Negi S.;, and Bokde N.D., A Selective Review on Recent Advancements in Long, Short and Ultra-Short-Term Wind Power Prediction., In Energies, Vol 15, MDPI, 2022 (Impact Factor: 3.252). 3. **Sawant Manisha** and Kishor Bhurchandi. Discriminative aging subspace learning for age estimation. Soft Computing. Springer, 2022, (Impact Factor: 3.524). 4. **Sawant Manisha**, Thakare Sameer, Rao A Prabhakara, Feijóo-Lorenzo Andrés E, and Bokde Neeraj Dhanraj. A review on state-of-the-art reviews in wind-turbine-and wind-farm-related topics. Energies, volume 14, page 2041. MDPI, 2021, (Impact Factor:3.252). 5. **Sawant Manisha**, Shende Mayur Kishor, Feijóo-Lorenzo Andrés E, and Bokde Neeraj Dhanraj. The state-of-the-art progress in cloud detection, identification, and tracking approaches: A systematic review. Energies, volume 14, page 8119. MDPI, 2021, (Impact Factor:3.252). 6. **Sawant Manisha** and Bhurchandi Kishor. Hierarchical facial age estimation using gaussian process regression. IEEE Access, volume 7, pages 9142–9152. IEEE, 2019, (Impact Factor:3.367). 7. **Sawant Manisha**, Shalini Addepalli, and Kishor Bhurchandi. Age estimation using local direction and moment pattern (ldmp) features. Multimedia Tools and Applications, volume 78, pages 30419–30441. Springer, 2019, (Impact Factor:2.757). 8. **Sawant Manisha** and Kishor M Bhurchandi. Age invariant face recognition: a survey on facial aging databases, techniques and effect of aging. Artificial Intelligence Review, volume 52, pages 981–1008. Springer, 2018, (Impact Factor:11.67).	

<table>
<tr><td>Papers Published in Conference Proceedings (last 5 years)</td><td colspan="4">Shivani Kshatriya, Sawant Manisha, and KM Bhurchandi. Feature selection and feature manifold for age estimation. In International Conference on Computer Vision and Image Processing, pages 112–123. Springer, 2020
D. Harshavardhan, Manisha Sawant, and Sanjay Viswanath. 2024. Facial Expression Recognition using data augmented Convolutional Neural Network. In 2024 The 8th International Conference on Machine Learning and Soft Computing (ICMLSC 2024), January 26–28, 2024, Singapore, Singapore. ACM.</td></tr>
<tr><td>Books Authored/Book Volume Chapters</td><td colspan="4">Prafulla Parlewar and Manisha Sawant, Application of AI for platform capitalism-based land management model for smart cities, In Journal of ITPI, 2023
Shivani K., Manisha Sawant, K M Bhurchandi, Feature selection and feature manifold for age estimation, In Communications in Computer and Information Science, Springer.</td></tr>
<tr><td rowspan="3">No. of Conferences</td><td rowspan="2">National</td><td colspan="2">Attended</td><td>Organized</td></tr>
<tr><td colspan="2">1</td><td></td></tr>
<tr><td>International</td><td colspan="2">2</td><td></td></tr>
<tr><td rowspan="3">Research Guidance</td><td rowspan="2">Awarded</td><td>PG</td><td>M. Phil</td><td>Doctorate</td></tr>
<tr><td>2</td><td>NIL</td><td>NIL</td></tr>
<tr><td>Undergoing</td><td></td><td>NIL</td><td></td></tr>
<tr><td rowspan="2">Research Projects</td><td>Completed</td><td colspan="3"></td></tr>
<tr><td>Undergoing</td><td colspan="3"></td></tr>
<tr><td>Awards & Distinctions</td><td colspan="4">Received Gold Medal for academic excellence in M. Tech at University Level
Received MHRD fellowship in Ph.D</td></tr>
<tr><td>Administrative Assignments Handled</td><td colspan="4">Member time table committee
Member departmental examination committee
Member UG and PG NBA committee</td></tr>
<tr><td>Association with Professional Bodies</td><td colspan="4">Reviewer IEEE Access, Data in Brief</td></tr>
<tr><td>Any other Achievements</td><td colspan="4"></td></tr>
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