



**PimpriChinchwad Education Trust's**  
**PimpriChinchwad College of Engineering & Research**  
**Ravet, Pune**  
**IQAC PCCOER**



**Academic Year: 2023 - 24**

**Faculty Profile**



|   |   |                              |                              |
|---|---|------------------------------|------------------------------|
| <b>Name of Faculty:</b>                       | Shailaja Nitin Lohar  |                              |                              |
| <b>Qualification:</b>                         | M.E. (I.T.) Ph.D (Pursuing)   |                              |                              |
| <b>Designation:</b>                           | Assistant Professor   |                              |                              |
| <b>Department:</b>                            | Computer  |                              |                              |
| <b>Experience:</b>                            | 10 yrs  |                              |                              |
| <b>Research Areas/ Area of Specialization</b> | Security in Internet of Things, Blockchain  |                              |                              |
| <b>Courses / Subjects Taken:</b>              | i. Discrete Mathematics   |                              | ii. Artificial Intelligence  |
| <b>IPR : Patent</b>                           | <b>Title</b>  | <b>Docker No./ Diary No.</b> | <b>Registered /Filed No.</b> |
|   | -   | -                            | -                            |
| <b>Copyright</b>                              | -   | -                            | -                            |
| <b>Journal Publications:</b>                  | "A proposed approach for Digital Identity management using Self Sovereign Identity", International Journal of Next-Generation Computing - Special Issue, Vol. 12, No. 2, April 2021.  |                              |                              |
| <b>Conference publications:</b>               | "An approach for segmentation of characters in CAPTCHA", IEEE International Conference on Computing, Communication and Automation, UP, India, 15-16 May 2015  |                              |                              |
| <b>Books Publication:</b>                     | "Blockchain for Smart Systems", by Chapman & Hall/CRC, "Decentralization in Blockchain and its Impact on Identity"  |                              |                              |
| <b>Profile Link :</b>                         | Scopus Profile:-<br>Google Scholar<br>Profile: <a href="https://scholar.google.com/citations?user=rcUHFruAAAAJ&amp;hl=en">https://scholar.google.com/citations?user=rcUHFruAAAAJ&amp;hl=en</a><br>Orchid Profile: <a href="https://orcid.org/0000-0003-0003-2929">https://orcid.org/0000-0003-0003-2929</a> |                              |                              |
| <b>Google Scholar Citations:</b>              | 3   |                              |                              |
| <b>H-Index:</b>                               | 1   |                              |                              |
| <b>I10 index</b>                              |   |                              |                              |
| <b>Product Developed:</b>                     | -   |                              |                              |
| <b>Certifications :</b>                       | Internet of Things  | NPTEL                        |                              |
|   | Introduction to Design Interaction  | NPTEL                        |                              |
| <b>Awards/Appreciation/Achievements:</b>      | -   |                              |                              |
| <b>Membership:</b>                            | <b>ISTE</b>   |                              |                              |

|  |  |   |                           |              |              |
|--|--|---|---------------------------|--------------|--------------|
| <b>Industrial Training :</b>   | -  |   |                           |              |              |
| <b>Resource Person /Expert Session/Jury Invited:</b>   | <ul style="list-style-type: none"> <li>• Resource person for Faculty Orientation Program by Karmaveer Bhaurao Ganpatrao Thakare College of Engg. For SPPU BE (Comp. Engg) syllabus, LP-III,Blockchain Technology on 2<sup>nd</sup> Aug.2022.</li> <li>• Syllabus Design Team Member for SPPU TE (Comp Engg), subject “Human Computer Interface”, from 1<sup>st</sup> May to 25<sup>th</sup> May 2021.</li> <li>• Syllabus Design Team Member for SPPU TE (Comp Engg), subject “LP-I”, from 1<sup>st</sup> May to 25<sup>th</sup> May 2021</li> </ul> |   |                           |              |              |
| <b>Number of Workshops /FDPs/STTPs attended</b>  | <b>Sr. No</b>  | <b>Place</b>                                    | <b>Workshops Attended</b> | <b>Date</b>  | <b>Place</b> |
|  | -  | -   | -                         | -            | -            |
| <b>Event Organized Inter department/Inter college/ Other recognized Industry/IIT's/NPTEL/SPOKEN TUTORIAL/ etc. :</b> | <b>Name of Conference/ Seminars / Workshops</b>  | <b>University/State/National /International</b> |                           | <b>Dates</b> |              |
|  | -  | -   |                           | -            |              |
|  |  |   |                           |              |              |
| <b>Event Organized in Department:</b>  | -  |   |                           |              |              |
| <b>University level appointments:</b>  | -  |   |                           |              |              |
| <b>Administrative Duties:</b>  | -  |   |                           |              |              |
| <b>Academics Duties:</b>   | -  |   |                           |              |              |