

Research Fellow

Name : Avhale Girish Vilas

Designation : Ph.D. Student

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Qualification: M.Sc. SET, NET

Ph.D. Topic: “Design and development of Internet of Things (IoT) platform for end to end monitoring and efficient supply chain management in dairy industry”

Guide: Dr. D. C. Gharpure, **Co-Guide**: Dr. A.D. Shaligram

Research Interests: Intelligent real-time Embedded systems design & applications, Internet of Things (IoT), Wireless sensor Network (WSN)

Work Experience: Eight year experience as an Asst. Prof. at New Arts, comm. & Science College, Ahmednagar.

Awards and Fellowships: Recipient of Sakal India Foundation Research Scholarship (2017-18).

Journal Publications:

- “Heat Stress Monitoring and Management System for Dairy Industry: The Internet of Thing (IoT) Solution”, published at International Journal of Research and Analytical Reviews (IJRAR), January 2019, Volume 6, Issue 1, E-ISSN 2348-1269, P- ISSN 2349-5138, pp. 319-322.
- “Design and Development of Internet of Thing (IoT) Based Soil Parameters Monitoring System in Agricultural Domain”, published at International Journal of Research and Analytical Reviews (IJRAR), January 2019, Volume 6, Issue 1, E-ISSN 2348-1269, P- ISSN 2349-5138, pp. 180-184.
- “IoT based Intelligent Tracking, Early-warning & Monitoring (ITEM) Tool for Efficient Milk Transportation in Dairy Industry”, published at International Conference ETMN 2019.

- “Design and Development of Internet of Things (IoT) based Data Acquisition System for milk quality monitoring in the Dairy Industry”, published in IJEAT journal (ISSN: 2249-8958, Volume-6, Issue-ICDSIP17, March 2017, Page No. 16-19).
- “Use of Internet of Things (IoT) Technology in Dairy Industry”, proceeding with ISBN: 978-81-926543-2-4 of National Level Conference on Applications of Computer and Electronic Science at Kaveri College of Arts, Science and Commerce, Pune, 20th & 21st January, 2017.

Research Projects: NIL

❖ **Key Points:**

- Worked for a period of 6 months as a PROJECT TRAINEE at *Central Electronics Engineering Research Institute (CEERI), Pilani, Rajasthan* for Internship Program of Msc in Sem-4.
- Worked as resource person at *one day workshop on “Electronics and Carrier Opportunities”* organized by *Shri Dhokeshwer College, Takali Dhokeshwer* on 22nd Dec. 2017.
- Worked as resource person *at inauguration of Certificate course on “PCB Designing”* organized by *Shri Mulikadevi College, Nighoj, Ahmednagar* on 7th Jan. 2019.

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