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EDUCATIONAL DETAILS: -

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Ph. D	**Reva University**	**Pursuing**
M. Tech	**VTU**	**2013**
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PUBLICATIONS: -

Journal Publications:

1. Pavana H, Dr.Rohini Deshpande"Real TimeMonitoring of Critical Equipments in SmartGrids Using WSN "International Journal of Scientific Technology & Research,Vol.5,pp.502-507,2019 **(Published: Scopus, Elsevier)**

2. Pavana H., Rohini Deshpande, “Inductive Energy Harvesting for Monitoring Devices in Power Grid,” International Journal of Computer Sciences and Engineering, Vol.8, Issue.11, pp.45-47, 2020. (**Published: UGC care**)

3. H, Pavana and Deshpande, Rohini. “Design and development of magnetic field harvester to power wireless sensors in smart Grid” Energy Harvesting and Systems, vol. 10, no. 2, 2023, pp. 301-310. https://doi.org/10.1515/ehs-2022-0046. **(Published: Scopus, Q2)**

4. Pavana H, Dr. Rohini Deshpande “Design of Magnetic Field Harvester with Energy Management unit to power wireless sensors in smart grid” Journal of Electrical Systems, Vol.20, no. 3, 2024 pp.671-684. https://doi.org/10.52783/jes.2993. **(Published: Scopus, Q3)**

5. Pavana H, Dr Rohini Deshpande “Design of Electromagnetic core to harvest energy in Smart grid”International journal of electrical and computer Engineering. **Accepted on 5/6/2024. (Scopus,Q3)**

Conference Papers:

1. H. Pavana and R. Deshpande, "Energy Harvesting Techniques for Monitoring Devices in Smart Grid Application," 2020 Third International Conference on Advances in Electronics, Computers and Communications (ICAECC), Bengaluru, India, 2020, pp. 1-6, doi: 10.1109/ICAECC50550.2020.9339526. **(Published: Scopus)**

PROFESSIONAL MEMBERSHIPS

- IEEE
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