

S J P N Trust's Hirasugar Institute of Technology, Nidasoshi

FACULTY PROFILE

1. **Name in full :** Mrs. Bhavaling Alias Pratima Khot



2. **Contact Nos. :** +91-9964019501

3. **Email ID :** pratimakhot.ece@hsit.ac.in

4. **Date of Birth :** 31-07-1991

5. **Address for communication:** Asst. Professor,
Dept. of ECE,
HIT, Nidasoshi,
Karnataka
Pin - 591 236

6. **Educational qualifications :**

Sl. No	Degree	University/Institution	Year	Specialization
1	M. Tech.	B.L.D.E.A's V. P. Dr P. G. Halakatti College of Engg & Technology, Vijayapur.	2015	Microelectronics and Control Systems.
2	B.E.	H. I. T, Nidasoshi.	2013	Electronics & Communication

7. **Details of previous employment:**

Sl. No	Name of the Institution/Organization	Period		Designation
		From	To	
1	Dr. A.D Shinde College of Engineering Gadhinglaj.	21-12-2015	26-01-2017	Asst. Professor
2	Hirasugar Institute of Technology, Nidasoshi	27-01-2017	Till Date	Asst. Professor
Total Experience in years				2 Years 7 Months

8. **Date of Service in this Institution:** 27-01-2017

9. **Total Experience in years:** 2 Years 7 Months

10. **Subjects of Interest:**

- Control Systems Information Theory and Coding
- Basic Electronics
- Digital Image Processing

- High Performance Communication Networks
- Real Time Operating Systems
- Microwave filters and antenna design

11. Publications in National and International Journals & Conferences:

- Pratima Khot, Prof.S.S.Ittannavar and Dr.R.H.Havaladar "Fast Full Search Motion Estimation in Video Compression," *International Conference ICETES-2015* in Jain Engineering College Belgaum, Karnataka, India.
- Pratima Khot, Prof. Rashmi V Pawar, Prof.S.S.Ittannavar, Prof. A.S.Jadhav "Sub-Pixel search Motion Estimation Algorithms in Video Compression," *International Journal of Emerging Trends in Electrical and Electronics (IJETEE)* vol. 11, issue no. 6, pp. 11-16, ISSN: 2320-9569, October-2015.
- Prof.S.S.Ittannavar, Dr.R.H.Havaladar, Pratima Khot "Reducing Computation Complexity Using Adaptive Rood Pattern Search Algorithm in Video Compression," *International Journal of New Technologies in Science and Engineering*, vol. 2, issue no. 2, pp. 60-65, ISSN 2349-0780, August-2015.
- J.J.Lokare, Y.B.Torase, R.K.Vaigude, P.R.Narawade, and B.P.Khot "Comparative Analysis of Digital Image Enhancement Techniques," *International Journal of Science & Engineering Development Research*, vol.2, issue no. 7, pp.10-14, ISSN: 2455-2631, June-2017

12. Technical Papers presented:

- Pratima Khot, Prof.S.S.Ittannavar, Dr.R.H.Havaladar "Fast Full Search Motion Estimation in Video Compression," *International Conference ICETES-2015* in Jain Engineering College Belgaum, Karnataka, India.
- Sangamesh udageri, Vinod Jadhav, S.S.Ittannavar, D B Madihalli and B.P. Khot "Comparative Analysis of Filtering Techniques for Ultrasound Images Of Bone fracture" *National Conference on Recent Advancements & Innovations in Electronics & Communication - RAIEC 2018* in KLE College of Engineering & Technology, Chikodi, Karnataka , India.

13. Books Published: NIL

14. Workshop / Seminars Conducted: NIL

15. Training Programmes/Workshops/Seminars/STTPs/Symposiums Attended:

Sl. No.	Topic	Period		Venue
		From	TO	
1	Biomedical Data Analytics (BioMedics-2017)	11-08-17	17-08-17	IIT, Kharagpur
2	FPGA Design Using Verilog	26-04-14	27-04-14	BLDCET, Vijayapur
3	Signals and Systems	04-10-12	06-10-12	HIT, Nidasoshi

16. Awards/Achievements:

- Secured State level First place and awarded AS “Chinnara Kalashri” by Governor of Karnataka Government.
- Secured State level Award “Bala Pratibha Puraskar” by Chief Minister of Karnataka Government.
- Secured “Gadi Naada Kogile” Award.
- Secured “Sadhanashree” Award.
- Secured “Aparanji” Award by Chilipili Prakashana.

17. Details of Memberships in Professional Societies: NIL

18. Any other information: NIL

Signature of the Faculty/Staff

Signature of the HOD