

Faculty Profile

Personal Information



- **Name:** ANAND JATTI
- **Designation:** Associate Professor
- **Department:** Electronics and Instrumentation Engineering
- **Email:** anandjatti@rvce.edu.in
- **Phone:** 080-68188341

Google Scholar / ResearchGate / LinkedIn: [Link if applicable]/ ORCID: [Link]

Domain of Expertise:

Digital Signal and Image Processing

Research Focus

Primary Area: [Digital Signal and Image Processing]

- **Allied Areas:**
 - Sensor Technology and Applications
 - Electronics Engineering
 - Control and Process Automation

Academic Qualifications

- **Ph.D.:** [Electrical and Electronics Engineering], [Visvesvariah Technological University, Belagavi, Karnataka, INDIA], [2013]
- **M.Tech:[Biomedical Instrumentation-Electronics Board]**, [Visvesvariah Technological University, Belagavi, Karnataka, INDIA], [2002]
- **B.E./B.Tech:** [Electronics Instrumentation Technology], [KUVEMPU, Shivamogga, Karnataka, INDIA], [1996]

Professional Experience

Experience			
S.No	Institute/College/Industry	Job Title	Duration(From-To)
1.	R.V.College of Engineering	Associate Professor	28 August 2002 to till date
2.	SIT, Tumkur	Lecturer	1 Year[1 st Sept 2001to 31 st July 2002]

3	Pakona Engineers (I) Pvt Ltd, Baroda, Gujarat.	Service Engineer	2 years[1 st Sept 1998 to 31 st July 2000]
4	Wyeth Ledrle Ltd, Ghatkopar, Mumbai, Maharashtra, India	Trainee Engineer	1 year [1 st Sept 1997 31 st Aug 1998]
5	Amar Dye Chem Ltd., Shahad, Mumbai, Maharashtra, India	Trainee Engineer	06 months[1 st Feb 1997 – 1 st Aug 1997]

Publications & Patents

Journal Publications

1. [Author(s)], "[Title]," *[Journal Name]*, [Year].{As per the standard format}
2. [Author(s)], "[Title]," *[Journal Name]*, [Year].

Conference Papers

1. [Author(s)], "[Title]," *[Conference Name]*, [Year].

Books/Book Chapters

1. [Author(s)], *[Book Title]*, [Publisher], [Year].

Patents[Filed / Published / Granted]

1. [Patent Title], [Patent No.], [Year].

Sl.No	Patent Title	Type	Application Reference No	Faculty	Date
1	System And Method Of A Hybrid Control Model For Power Quality Improvement Of Wind Energy Conversion System With Unified Power Quality Controller	national	202041030781A	Dr. Gowtham N Dr. Shobha Shankar Prof. Veena Divya Krishnappa Dr. Mohana Lakshmi J Dr. Anand Jatti Prof. Ramya M V Dr.K.Thenmalar Dr.R.Mohan Das Dr.M.P.Mohandass Dr.S.Balamurugan	31.07.2020

Ongoing & Completed Research Projects

- [Enhancement of Bone Image Segmentation] – Funding Agency: [DST, New Delhi], Duration: [2008-2009], Role: [PI].-Completed.

Professional Memberships

- LMISTE, LMBMISTE permanent member.

Awards & Recognitions

Honor/Appreciation Received:

- Honored for Presenting Paper in National & International Journals during 2004-05 in RVCE, Bangalore.
- Honored for academic excellence through research Presentation on Sept 2008 by ISTE-RVCE Chapter.
- Received Testimonial of Appreciation for Serving as Staff coordinator (Technical Events) towards organizing the national level Techno-cultural Festival 8th mile held during 28th-30th March 2008 and also worked as Technical event coordinator for 8th Mile 2010.
- Receiving honor on this 26th January 2014 for being Ph.D degree awarded to me by VTU, Belgaum, Karnataka, India.

Student Supervision

- **Ph.D. Candidates:** [10] ([8] Graduated), 02 Perusing.
- **M.Tech/M.Sc. Students:** 17 Batches completed PG Course.
- **Undergraduate Research Mentees:** 24 Batches completed UG Course.

Professional Roles

- **Editorial Board:** [Journal Name]
- **Chair/Committee Member:** [Conference Name, e.g., *IEEE International Conference on Robotics*]
- **Industry Advisor:** [Company/Startup Name]

Teaching

Core Courses:[Current semester]

- [EC364TA] [Digital Signal Processing and Machine Learning] (
- [HS124TC] [Fundamentals of Indian Constitution]

Advanced/Lab Courses:

- [EC244AI][Signals and Systems]

Professional Roles

Responsibilities

- **Academic:** [Research Center Coordinator, NPTEL Coordinator, BoS, BoE etc.]
- **Administrative:** [laboratory In charge of Signals and Systems Lab, Digital Image Processing Lab In charge etc.]

External Connect

- Member of BoS / BoE of VTU and Autonomous Engineering Colleges of Bengaluru during 2025.
- Expert panel Committee member of ISRO UR Rao Satellite Centre, Bengaluru during 2025
- Faculty selection External Academic Expert for PVP Polytechnique, Bengaluru during 2024.

Editorial/Reviewer/Advisory/Doctoral/Expert Committee Member Details of Dr.Anand Jatti:
1) Editorial Committee Member of “Research & Reviews: Journal of Embedded Systems and Applications” of STM International Journals, New Delhi from Dec 2013.
2) Editorial Committee Member of “Research & Reviews: for the Digital Signal and Image Processing” of STM International Journals, New Delhi.
Editorial Committee Member of International Journal on Intelligent Electronic Systems and National Journal on Electronic Sciences and Systems by Satyabhama University, Chennai, India from Nov 2014-15.
4) Editorial Member for Microprocessor Journal of STM Journal date of reply 05/03/2014 (mail received date 03/03/2015). And till date member of it.
Editorial Committee Member of Journal of Science and Technology, “SCIENTECH”, in the year 2015 and till date member.
6) Editorial Committee Member of “Research & Reviews: Journal of “JOURNAL OF CONTROL & Instrumentation” of STM International Journals, New Delhi from Dec 2015 and till date member of it.
7) Invited and Accepted Reviewer for the I4C International Conference to be conducted under TEQIP and to be held at MSRIT, Bengaluru during November 2016.
8) Worked as Review committee member of SCIENTECH A PEER Reviewed National Journal on Science and Technology, Vol 4, No.1 April 2015. and published letter and journal received on 28/10/2015.
9) Reviewed one IEEE Transactions paper on Biomedical Engineering, on 31 st March 16.
10) MAT Journal’s Editorial Member from 8 th April 2016.
11) Editorial committee member and Reviewer of Journal PRAVARA JOURNAL OF SCIENCE & TECHNOLOGY (PJST), the journal of Pravara Rural Education Society (PRES) from 18 th Jan 2017.

12) Advisory committee member of Biomedical Signal and Image Processing 1 st National Conference held at ACS College of Engineering, Bengaluru during August 2017.
13) Selected as Reviewer for Advances in Science, Technology and Engineering Systems Journal (ASTES) during 20 th October 2017.
14) One of the Committee Member of "International Conference On Innovative Ideas In Engineering & Technologies (Iciiet). Organized By Rao Bahadur Y Mahabaleswarappa Engineering College, Bellary In Association With Institute For Engineering Research And Publication (Iferp) Organizing during 2018.
Reviewer/Session Chair of the 3 rd IEEE International Conference on Recent trends in Electronics, Information and Communication Technology (RTEICT) and Fourth State Level Inter College Project Competition and Exhibition held at Department of Electronics and Communication Engineering, Sri.Venkateshwara College of Engineering, Bengaluru held on 18 th and 19 th May 2018.
Reviewer for IEEE Life Sciences Conference, Montreal, Quebec, Canada, 28-30 Oct 2018 organized by IEEE, EMBS, IEEE Life Sciences.
Advisory Committee member of Innovative Ideas in Engineering and Technology(IJET-2018) conducted during 12 th and 13 th April 2018 at Rao Bahadur Y Mahabaleswarappa Engineering College(RYMEC), Bellary, Karnataka and Institute for Engineering Research and Publication(IFERP)
Invited as expert by "National Institute of Technical Teachers Training and Research", Bengaluru for the revision of Syllabus and Laboratory experiments of subject Control Engineering and Biomedical Engineering and attended for the Curriculum Revision Workshop of Technical Teachers drawn from all parts of Karnataka for V and VI Semester Electronic Instrumentation and Control Engineering during 22 July 2016.
External Doctoral Committee member of VIT, Vellore, Tamilnadu.
Participated & chaired a session of Image Processing in a National Level Conference in Electronics and Communication Engg. Dept.of SJCIT, Chickaballapur during 2015-16.
participated and chaired the technical session for the paper presentation in the fifth National Conference on Computational Control Systems and optimization (CCSO-2019) under TEQIP III held on 25 th and 26 th April 2019 at Dr.AIT, Bengaluru.
Reviewer committee member of International Conference Circuits, Controls and Communication(CCUBE) 2021 organized by Dept.of ECE, EIE and EEE of RNS Institute of technology, Bengaluru and organized during Dec 23 and 24.
BoE member of Dept.of EIE, Dr.AIT, Bengaluru during 2023.
BoE member of Dept.of EIE, SIT, Tumkur during 2023.
Reviewer of international Conference on Smart Systems for Applications in Electrical Sciences(ICSSSES-2023) organized by SIT, Tumkur during 2023.

Expert Lecturers delivered /Mentoring/Chaired Sessions:
Conducted Expert Laboratory hands on Control Systems Laboratory Experiments on 28 th July and 19 th August 2017 for 5 th Sem Diploma Students of Electronics & Instrumentation Engineering, PVP Polytechnic, Bengaluru.
Chaired the session for National Conference on “ Knowledge Dissemination of PG Projects and Research Works” jointly organized by Sustainability Management, Internal Quality Assurance Cell, RVCE and IEEE Students Chapter held at R.V.College of Engineering during 7 th -8 th May 2018.
Chair the Technical Session for Project Competition and Exhibition in the Fourth National Conference on Computational Control Systems and Organization-CCSO 2017 under TEQIP –II held on 30 th & 31 st March 2017 at Dr.AIT, Bangalore-56.
Conducted and demonstrated Expert Laboratory hands on Bio Medical Instrumentation and Signal Processing Laboratory Experiments on 23 rd February 2018 for 6 th Sem Diploma Students of Electronics & Instrumentation Engineering, PVP Polytechnic, Bengaluru.
Conducted and demonstrated Expert Laboratory hands on Bio Medical Instrumentation and Signal Processing Laboratory Experiments on 23 rd February 2018 for 6 th Sem Diploma Students of Electronics & Instrumentation Engineering, PVP Polytechnic, Bengaluru.
Advisory Committee member of Innovative Ideas in Engineering and Technology(IIET-2018) conducted during 12 th and 13 th April 2018 at Rao Bahadur Y Mahabaleswarappa Engineering College(RYMEC), Bellary, Karnataka and Institute for Engineering Research and Publication(IFERP).
Mentored student’s project titled as Visual Inspection of concrete structures using Image Processing Tools to be conducted competition at Smart India Hackathon 2018 held during 30 th and 31 st March 2018 at CSIR-NCL, Pune, Maharashtra.
External Doctoral Committee member of VIT, Vellore, Tamilnadu.
Expert Lecture delivered on topic “Biosensors” at One week TEQIP sponsored workshop on “Sensor Data Fusion Trends, Solutions and Applications” held at M.S.Ramaiah Institute of Technology, Bengaluru from 26 th July to 30 th July 2016.
10. Delivered a technical talk on Image Processing of Biomedical Images at RYMEC Engg College, Bellary & the workshop was sponsored by VTU-VGST for Faculty Development program during 2013.
11. Conducted hands on Laboratory session using MATLAB at PVP Polytechnique, Bengaluru on 12/09/2019.
12. Attended Dept. Advisory board meeting of Dept. of Electronics and instrumentation Engineering at RNSIT, Bengaluru on 12 th Nov 2020.
13. Received certificate of Appreciation in recognition of outstanding service to the quality journal on Research & Reviews: A Journal of Embedded System & Applications during 2020.
14. External Chair: Dr. Anand Jatti, Electronics and Instrumentation Engineering, RVCE, Bengaluru, for ICAECC -2020 organized by REVA University, Bengaluru.

15. Attended Academic Audit at SIT, Tumkur in Dept.of Electronics and Instrumentation Engineering, SIT, Tumkur during 2021-22.
16.Expert talk and Hands on session conducted for Faculty for Ability enhancement courses and IPCC Laboratory from 26 th to 1 st Oct 2022.conducted by SJBIT, Bengaluru in joint with Jain institute of technology, Davanagere.
Given two FDP Talk at MSRIT (RIT), Bengaluru on topic Biosensors and Advanced Controllers on 25th April 2022.
18. Given expert talk and Laboratory demonstration on topic control Systems at PVP PolyTechnique, Bengaluru on 03/03/2022

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