

CURRICULUM VITAE

Dr. SANJAY V

S/o Venkatesh N

Srinidhi, #38, 2nd Cross,

Virupakashapura, Kodigehalli,

Bangalore-560097

Karnataka, India

☎: 91-9902914191

✉: v.sanjay005@gmail.com

sanjayv.phy@sjcit.ac.in



OBJECTIVE

To achieve excellence as an inspiring teacher and researcher in physics, which will enable me to effectively use my knowledge and abilities and do my best to contribute to the institute and the betterment of society through teaching and research.

EDUCATION

Doctor of Philosophy in Faculty of Applied Sciences (PHYSICS)

✉ University	: Visvesvaraya Technological University, Belagavi.
Year of Passing	: 2023.
University Seat Number	: 1SJ17PGA03
Date of Final Viva Voce	: 20-Oct-2023
Thesis Titled	: “Structural and Electrical Properties of Poly (Vinyl Alcohol) Based Composites”

Master of Science in PHYSICS

✉ Institution	: Department of Physics, Jnana Barathi campus.
University	: Bangalore University, Bangalore.
Year of Passing	: 2007.
Aggr	: 63.75%
Specialization in	: Nuclear and Particle Physics.

Master of Business Administration

✉ Institution	: Karnataka State Open University.
University	: Karnataka State Open University, Mysore.
Year of Passing	: 2011.
Aggr	: 57.56%
Specialization in	: Human Resource Management.

Bachelors' degree in science with PME as combination

↪ Institution	: Vijaya College.Bangalore.
University	: Bangalore University.
Year of Passing	: 2004.
Aggr	: 56.36%.
PHYSICS Aggr	: 63.33%.
Specialization	: Physics, Mathematics, Electronics

WORK EXPERIENCE

Eighteen years of teaching experience in engineering colleges affiliated with Visvesvaraya Technological University.

Presently working as Associate Professor in Department of Physics, S J C Institute of Technology.

- ↪ Worked as a lecturer at AMC Engineering College for 1 year.
- ↪ Worked as a lecturer and Assistant. Professor at East Point College of Engineering and Technology for 6 years.
- ↪ Worked as a guest lecturer at Bangalore Institute of Technology for 1 year.
- ↪ Worked as Assistant Professor at Sai Vidya Institute of Technology for 1 year.
- ↪ Working as Assistant Professor for 9 years at S J C Institute of Technology and promoted as Associate professor from 1-12-2024.

RESEARCH PUBLICATIONS

LIST OF PUBLICATIONS

Peer-Reviewed Scopus/Web of Science indexed International Journal Publications /Conference Proceedings Invited lectures / Papers Presented in Conference

1. Spectroscopic insights into the optical, impedance, and dielectric behaviour of PVA-glutaraldehyde-carbon composites. **V. Sanjay**, Vinayak Pattar - Materials Today Communications 43 (C), 111792 (2025).
<https://doi.org/10.1016/j.mtcomm.2025.111792>

2. Effect on electrical and dielectric properties of Te nanoparticle-doped PVA composite. **V. Sanjay**, K. M. Rajashekara, Vinayak Pattar, and M. V. Murugendrappa, J. Mater. Sci. Mater. Electron. 33 (2022).
<https://doi.org/10.1007/s10854-022-08618-7>
3. The dielectric and impedance spectroscopy of poly vinyl alcohol doped with carbon (PVA-C), **V. Sanjay**, K.M. Rajashekara, J. Johns, V. Pattar, Phys. B Condens. Matter. (2022) 414561.
<https://doi.org/10.1016/j.physb.2022.414561>
4. Presented paper titled “Structural and Optical Investigations of Nanocomposite Films Comprising Poly (Vinyl Alcohol) and Tellurium” **V. Sanjay**, K.M. Rajashekara, J. Johns, V. Pattar at the 2nd International Conference on Emerging Trends in Engineering and Applied Sciences 2024 (ICETEA-2024) held on 18th and 19th September 2024 at SJC Institute of Technology, Chickballapur.
5. Presented paper titled “Optical and mechanical properties of Te doped PVA films” **V. Sanjay**, K.M. Rajashekara, J. Johns at the 1st International Conference on Emerging Trends in Engineering and Applied Sciences 2023 (ICETEA-2023) held on 19th October 2023 at SJC Institute of Technology, Chickballapur.
6. Presented Paper titled “Spectroscopic properties of Poly (Vinyl Alcohol)-Carbon-Glutaraldehyde (PVA-C-GL) composite films” **V. Sanjay**, K.M. Rajashekara, at National Conference on Innovation in Engineering, Science and Technology, Manthan-2023 at SJC Institute of Technology, on 24th May 2023.
7. Presented Paper titled “Structural and dielectric properties of PVA/Te and PVA/Bi nanocomposite films.” **V. Sanjay**, K.M. Rajashekara, at One Day National Conference on Recent Advances Mechanical, Aeronautical, Aerospace Engineering & Basic Science organized by S J C Institute of Technology on 28th August 2021.
8. Presented Paper titled “Investigation on the swelling characteristics of conducting polymer doped with nanoparticles” **V. Sanjay**, K.M. Rajashekara, J. Johns, at the Five Days International conference at DBIT ICICST-2019 from 19th to 23rd December 2019.

INVITED TALKS

1. An invited talk on “Profile of a Teacher & Universal Human Values” Presented in in-house Lecturer Series at S J C Institute of Technology, Chickballapur, on 22nd November 2024.
2. An invited talk on “Human value” at Government Polytechnic for Women, Bengaluru, on 24th June 2024.
3. An invited talk on “Universal Human Value (UHV)” at BGS Polytechnic, Chickballapur, on 25th January 2024.
4. “Inculcating Universal Human Values in Technical Education” Presented in Lecturer Series at S J C Institute of Technology, Chickballapur, on 30th September 2022.
5. “Nobel Laureate Sir C V Raman” Talk given on National Science Day-2022, at S J C Institute of Technology, Chickballapur, on 28th February 2022

Orientation/Refresher Course /Workshop/ Symposium/Seminar/ Conference Conducted/ Contribution

1. Contributed in organizing the “1st International Conference on Emerging Trends in Engineering and Applied Sciences 2023(ICETEA-2023)” held on 19th October 2023 at SJC Institute of Technology, Chickballapur.
2. Organizing Secretary for 2nd International Conference on Emerging Trends in Engineering and Applied Sciences 2024 (ICETEA-2024)” held on 18th and 19th September 2023 at SJC Institute of Technology, Chickballapur.

Orientation/Refresher Course /Workshop/ Symposium/Seminar/ Conference Attended

- ❖ Participated in the International Symposium on “Green Energy Materials Meet – (GEM MEET-2024) from 23rd to 24th September 2024 organized by Indian Ceramic Society, Karnataka Chapter and Visvesvaraya Technological University at Hotel Radisson Ble Atria, Bengaluru.
- ❖ 5-day Face-to-Face UHV-II FDP organized by All India Council for Technical Education (AICTE) from 9th January to 13th January 2024 (05 Days) at Vidyavardhaka College of Engineering, Mysuru.

- ❖ Online International Conference on Quantum Information & Quantum Technology-2023 from 8th May to 15th June 2023 (39 Days) by Indian Institute of Science & Research, Kolkata.
- ❖ One-week FDP on “Polymer Composites for Engineering Applications” (PCEA-2023) from 22nd May to 26th May 2023 (05 Days) by BMS College of Engineering, Bangalore.
- ❖ NDLI Club, Lecturer Series- Technical Seminar on 15th March 2023 by SJCIT, Chickballapur.
- ❖ Participated in Three Day FDP on “Physics of Quantum Computation & Animation” from 2nd Feb 2023 to 4th Feb 2023 (03 Days) at BIT, Bangalore.
- ❖ One Day FDP for VTU Affiliated College Teachers on Revised Physics Syllabus-2022 on 24th Nov 2022 at BMS College of Engineering, Bangalore.
- ❖ Attended online webinar on Electrification of Vehicles – Challenges & Solutions on 14th April 2022 by Jain (Deemed-to-be University) & IEEE PELS Bangalore.
- ❖ Attended online webinar on Nanoworld – Synthesis and Characterization on 7th March 2022 by S J C Institute of Technology, Chickballapur.
- ❖ Attended online webinar on Classroom to Clean Room: A Journey of Student Towards Professionalism on 19th February 2022 by S J C Institute of Technology, Chickballapur.
- ❖ Online webinar on Recent Advances in Materials Science and Engineering (RAMSE-2021) on 23rd -24th September 2021 (2 Days) by SVCR Government Degree College, Palamaner.
- ❖ Online webinar on Intellectual Property Rights in Research and Innovation on 27th May 2021 by SJCIT, KSCST, IISC, Bangalore.
- ❖ Online webinar on Intellectual Property Rights in Research and IP management for startup on 19th May 2021 by SJCIT, IEEE.
- ❖ Online workshop on Universal Human Value on the Them “Inculcating Universal Human Values in Technical Education” from 3rd -7th May 2021 (5 Days) by AICTE.
- ❖ Online workshop on Universal Human Value on the Them “Inculcating Universal Human Values in Technical Education” from 21st -25th September 2020 (5 Days) by AICTE.
- ❖ National level webinar on “Optical and Electrical Modelling Software for Semiconductor Devices” on 11th October 2020 by BMSIT, Bangalore, and Impulse Technology, New Delhi & FLUXiM, Switzerland.
- ❖ Webinar on “Semiconductor Science & Technology” on 13th August 2020 by Research and Innovative Cell (RIC), EWCE, Bengaluru.
- ❖ Webinar on “Turnitin-Online in Campus User Awareness Program on Academic Integrity” on 13th August 2020 by SJCIT, Chickballapur.
- ❖ Webinar on “High-Temperature Superconductivity & Research Opportunities on 7th August 2020 by Vidyavardhaka College of Engineering, Mysuru.

- ❖ Participated in 7-Days FDP for Student induction program by AICTE from 23rd to 29th July 2019 at SVCE, Bangalore.
- ❖ Participated in 3-Days FDP for Student induction program by AICTE from 17th to 19th July 2019 at CIT, Bangalore.
- ❖ Participated in a Two-day workshop on the deliberation of the 3-8th semester 2018 scheme, and syllabus by VTU on 2nd and 3rd May 2109 at VTU, Jnana Sangama, Belagavi.
- ❖ Participated in One day workshop on Materials Characterization, on 2nd Jan 2019 at BMS College of Engineering, Bangalore.
- ❖ Participated in NPTEL Workshop on 11th August 2018 at MSRIT, Bangalore.
- ❖ Participated in Workshop on AICTE Model Curriculum for Basic Science and Humanities on 8th May 2018 at Bangalore Institute of Technology, Bangalore.
- ❖ Participated in “Conducting matter and space science [NCCSS 2017]” Trans-Disciplinary Research Centre, The National College & The Florida International University, USA. On 03rd and 4th July 2017 at National College, Bangalore.
- ❖ Participated in “Shock waves in science engineering and medicine” IAS, Bangalore, INSA, New Delhi, The National Academy of Science, Allahabad, on 24th and 25th March 2017 BIT, Bangalore.
- ❖ Participated in “Engineering pedagogy – teaching ades in technical education” Organized by the department of pre-engineering SJCIT, on 15th and 16th Dec 2016.
- ❖ Participated in NPTEL workshop conducted on 18.03.2016 at SJCIT, Chickballapur.
- ❖ Participated in Faculty Development Program “Principles of Photonics and Applications” under TEQIP (Phase-II) held from 20th to 24th July 2015, organized at MSRIT, Bengaluru-560054.
- ❖ Participated in the Faculty Development Program in Entrepreneurship held at SVIT, Bangalore from 14th to 18th July 2015.
- ❖ Participated in Engineering Faculty Empowerment Program on Formulation of Research Proposal under DST/DRDO/ISRO/DIETY Schemes held at MS Engineering College, Bangalore on 30th June 2015.
- ❖ Participated in the National Seminar on “Advanced Applications in Engineering Physics and Technology” organized by the Department of Physics, SJCIT, Chickballapur on 26th August 2009.

PARTICIPATION IN CURRICULAR DEVELOPMENT

1. Involved in deliberation of 3rd -8th semester 2018 scheme, and syllabus by VTU with BOE.
2. Involved in the deliberation of the AICTE Model Curriculum for Basic Science and Humanities (2018) with BOS & BOE
3. Inculcating Universal Human Values in Technical Education

4. Conducting a Student Induction Program for the overall development of the students
5. Preparing the students to develop the working model of experiments
6. Stimulating First-year students to prepare and present seminars

SKILLS

Technical Skills:

- Basic Computer Knowledge, C, C++, SQL, RDBMS.

Professional Skill:

- Working as SIP Coordinator in SJCIT.
- Working as UHV Coordinator in SJCIT.
- Working as Organizing Secretary for International Conference on Emerging Trends in Engineering and Applied Sciences (ICETEA) in SJCIT.
- Worked for AICTE Accreditation in EPCET.
- Worked for NBA Accreditation.
- Worked for VTU Examination section.
- Worked as a counselor for Engineering students.
- Sports coordinator for First Year Engineering students.

HOBBIES

- ✎ Playing cricket, Football, and wildlife photography.

PERSONAL SKILLS

- ✎ Self-motivating, willing to work as an individual and as a team member, and hard worker.

AWARDS /RECOGNITIONS RECEIVED

1. Certificate of Achievement on Teachers Day 5th September 2023 at SJCIT, Chickballapur
2. Certificate of Excellence on Teachers Day 5th September 2022 at SJCIT, Chickballapur
3. Best Paper Presentation at One Day National Conference on Recent Advances Mechanical, Aeronautical, Aerospace Engineering & Basic Science organized on 28/08/2021 by SJCIT, Chickballapur.

PERSONAL PROFILE

Date of Birth : 19th June 1983.
Sex : Male.
Nationality : Indian.
Languages known : Kannada, English, Hindi, Telugu.

Declaration

I hereby declare that the above particulars furnished by me are true to the best of my knowledge and belief.

DATE: 03-12-2024

PLACE: Bengaluru

Dr. SANJAY.V