FACULTY PROFILE

Dr. Prasanna G D

Assistant Professor,
Dept. of Studies in Physics, Davangere University, Karnataka, India
Qualification : M.Sc., PhD
Areas of Specialization : Solid State Physics
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Vision

To secure a challenging and responsible position in a development-oriented University where there is scope for contributing and updating my knowledge and skills for the development of self and the University.

Educational Qualifications

Sl. No.	Degree	Specialization/ Subjects	University	Year of Award/ Passing
1	**PhD.,**	Solid State Physics	Kuvempu University **Research Guide :** Dr.H.S.Jayanna, M.Sc, Ph.D (IISc) ,	2013
2	**M.Sc.,**	Solid State Physics	Kuvempu University	2007
3	**B.Sc.,**	PMCs	Kuvempu University	2005

Professional Details (Academic/Research Experience)

Sl. No.	Designation	Institution/University	UG/PG	From	To
1	Assistant Professor	Davangere University	PG (MSc Physics)	24/05/2019	Till date
2	Professor & Head	GM Institute of Technology, **Davangere**,	UG (BE)	01/01/2018	24/05/2019
	Associate Professor			20/07/2015	15/12/2016
3	Associate Professor	ACED, Alliance University, **Bengaluru**	UG (B.Tech)	16/12/2016	30/12/2017
4	Senior Lecturer & Head	JSS Academy of Technical Education. **Mauritius**	UG (BE)	14/08/2012	23/05/2015
5	Assistant Professor	JSS College of Arts, Commerce & Science, **Mysore.**	PG (MSc Physics)	07/12/2011	10/08/2012

Areas of Research Interest:	
1.	Nanoferrites
2.	Conducting polymers, Nanocomposite materials
3.	Magnetic materials
4.	EMI and Gas Sensing Applications,
5.	Fluid Mechanics (Theoretical), Fractional Differential Equations

Research projects

Name of the grant: **UGC BSR Start-up research grant**
Title ***:*** *Design of Polyaniline doped nanoferrite composites for EMI shielding applications"*
Duration ***:*** 2 years (2024-26)
Amount ***:*** 10 Lakhs
Status ***:*** On-going

Name of the grant: **Collaborative Research Scheme(CRS) Project of UGC-DAE CSR**
Title ***:*** *Smart Gas Sensors Using Polyaniline-Ferrite Nanostructures: A Sustainable Approach.*
Duration ***:*** 3 years (2024-27)
Status ***:*** On-going

Research Publications:

a) International Journals

1.	A Comprehensive Review on Polyaniline/Ferrite Nanocomposites for Gas Sensing Applications, Shreedhara K M, Ashwini Rayar, Naveen C S, Thejas R, and **Prasanna G D** *Phys. Status Solidi A* ***(2025)*** *2500375.* https://doi.org/10.1002/pssa.202500375
2.	Samarium ion doped calcium silicate: A promising material for fabrication of light emitting diodes, R. Dhanu, M. Madesh Kumar, Y. T. Ravikiran, C. S. Naveen, and **G. D. Prasanna** *International Journal of Modern Physics B,* ***(2023)*** *2450237.* https://doi.org/10.1142/S0217979224502370
3.	A review on electrical and gas-sensing properties of reduced graphene oxide-metal oxide nanocomposites, Kiranakumar. H. V, Thejas R, Naveen C S, M. Ijaz Khan, **Prasanna G D** *et al., Biomass Conversion and Biorefinery,* ***(2024)*** *14:12625–12635,* https://doi.org/10.1007/s13399-022-03258-7
4.	Synthesis and characterization of zinc doped nickel nanoferrites via sol-gel auto-combustion technique. Ashwini Rayar, **Prasanna G D** *IOP Conf. Series: Materials Science and Engineering, 1300* ***(2024)*** *012046,* https://doi.org/10.1088/1757-899X/1300/1/012046
5.	Impact of magnetized nanoparticle aggregation over a Riga plate with thermal radiation in water-Al_2O_3 based nanofluid flow. J K Madhukesh, S O Paramesh, **G D Prasanna**, B C Prasannakumara, *et. al., Z Angew Math Mech. e202300270* ***(2024)****.* https://doi.org/10.1002/zamm.202300270
6.	Synthesis and characterization of CoFe2O4/cellulose fiber nanocomposites.

	Ashwini Rayar, Naveen C S, H S Onkarappa, Pradeep H K, **Prasanna G D** *Express Polymer Letters Vol.18, No.5* ***(2024)*** *533–545* *https://doi.org/10.3144/expresspolymlett.2024.39*
7.	An impact of RGO on the ZnO nanoparticles: structural, morphological, electrical, and gas sensing properties Kiranakumar H. V., Naveen C. S., Thejas R., **G. D Prasanna**, Nagaraju G. & Murugendrappa M. V. *Sensing Technology,* ***(2024)****, VOL. 2, NO. 1, 2310479* *https://doi.org/10.1080/28361466.2024.2310479*
8.	A comparative analysis on magnetically triggered non-Newtonian nanofluid flow over a melting disk. Paramesh S.O, Manjunatha Gali, Raman Kumar & **G D Prasanna** *International Journal of Modelling and Simulation* ***(2023)*** *1-10,* https://doi.org/10.1080/02286203.2023.2168476
9.	A Study on Structural, Electrical and Ethanol Sensing Properties of RGO Substituted SnO2 Nanoparticles H. V. Kiranakumar, C. S. Naveen, R. Thejas, G. D. Prasanna, G. Nagaraju *et.al.,* *Journal of Mines, Metals and Fuels, 71(8)* ***(2023)*** *1074-1080;* https://doi.org/10.18311/jmmf/2023/35232
10.	EMI shielding applications of PANI-Ferrite nanocomposite materials: A review Ashwini Rayar, C.S. Naveen, H.S. Onkarappa, Virupaxappa.S. Betageri, **G.D. Prasanna** *Synthetic Metals, 295* ***(2023)*** *117338* https://doi.org/10.1016/j.synthmet.2023.117338
11.	Novel approach for nonlinear time-fractional Sharma-Tasso-Olever equation using Elzaki transform Naveen Sanju Malagi, Pundikala Veeresha, **G D Prasanna**, B C Prasannakumar, D G Prakasha *An International Journal of Optimization and Control: Theories & Applications, 13(1)* ***(2023)*** *46-58,* https://doi.org/10.11121/ijocta.2023.1265
12.	Impact of exponential form of internal heat generation on water-based ternary hybrid nanofluid flow by capitalizing non-Fourier heat flux model Sarada K, Fehmi Gamaoun, Amal Abdulrahman, S.O Paramesh, **Prasanna G D** *et al.,* *Case Studies in Thermal Engineering,* 38 **(2022)** 102332, https://doi.org/10.1016/j.csite.2022.102332
13.	Melting heat transfer phenomena on Maxwell nanofluid flow with homogeneous-heterogeneous reactions: a thermophysical properties of nanoparticle aggregation approach, S. O. Paramesh and **G. D. Prasanna,** *Waves in Random and Complex Media,* **(2022)** 1-18, https://doi.org/10.1080/17455030.2022.2096942
14.	Enhanced gas-sensing performance at room temperature and electrical properties of polyaniline–$Ni_{0.6}Zn_{0.4}Fe_2O_4$ nanocomposites. R Thejas, **GD Prasanna**, G Nagaraju, MV Murugendrappa, and CS Naveen, *Part E: J Process Mechanical Engineering,* **(2022)** 1–11, https://doi.org/10.1177/09544089221100778
15.	Role of nanocellulose in industrial and pharmaceutical sectors - A review, H.K. Pradeep, Dipti H. Patel, H.S. Onkarappa, C.C. Pratiksha, **G.D. Prasanna** *International Journal of Biological Macromolecules,* 207 **(2022)** 1038–1047 https://doi.org/10.1016/j.ijbiomac.2022.03.171
16.	A review: electrical and gas sensing properties of polyaniline/ferrite nanocomposites. Thejas Ramakrishnaiah, **Prasanna Gunderi Dhananjaya**, Naveen C S *et al.,* *Sensor Review,* 42/1 **(2022)** 164–175, https://doi.org/10.1108/SR-02-2021-0051
17.	A new computational technique for the analytic treatment of time-fractional Emden–Fowler equations. Naveen S. Malagi, P. Veeresha, B.C. Prasannakumara, **G.D. Prasanna**, D.G. Prakasha

	Mathematics and Computers in Simulation, 190 **(2021)** 362–376 https://doi.org/10.1016/j.matcom.2021.05.030
18.	Comprehensive study of thermophoretic diffusion deposition velocity effect on heat and mass transfer of ferromagnetic fluid flow along a stretching cylinder. R Naveen Kumar, RJ Punith Gowda, **GD Prasanna**, BC Prasannakumara *et. al.,* *Journal of Process Mechanical Engg,* **(2021)** https://doi.org/10.1177/09544089211005291
19.	Modeling and theoretical investigation on Casson nanofluid flow over a curved stretching surface with the influence of magnetic field and chemical reaction. Ravikumar S V, **Prasanna G D**, Rangaswamy N K *et.al.,* *Int. J. for Computational Methods in Engg Science and Mechanics.* **(2021)** https://doi.org/10.1080/15502287.2021.1900451
20.	An Improved Compocasting Technique for Uniformly Dispersed Multi-walled Carbon Nanotube in AA2219 Alloy Melt Shijo Thomas, R Keshavamurthy, Pradeep Kumar G S, Vijay Tambrallimath, **Prasanna G D** *FME Transactions,* 48 **(2020)** 581-587 https://doi.org/10.5937/fme2003581T
21.	Synthesis and characterization of magnetic and conductive Ni ferrite-polyaniline nanocomposites. **G.D. Prasanna,** Ashok R. Lamani, V.B. Prasad and H.S. Jayanna; *Journal of Composite Materials*, **(2014)** 1-9, DOI: 10.1177/0021998314552090
22.	Low temperature AC susceptibility and line profile analysis in Co-Zn ferrites Ashok R. Lamani, H S Jayanna, **G D Prasanna**, Naveen.C.S and Rajeev.M.P *American Institute of Physics Conf. Proc.* 1536 **(2013)** 1057-1058.
23.	Structural and dielectric properties of Fe doped ZnO nanoparticles M L Dinesha, **G D Prasanna,** C S Naveen and H S Jayanna; *Indian Journal of Physics,* 87(2), **(2013)** 1275-1276
24.	Line profile analysis and low temperature AC susceptibility of Cu-Zn ferrites Ashok R. Lamani, H S Jayanna and **G D Prasanna;** *American Institute of Physics,Conf. Proc.*1447(1), **(2012)** 1275-1276.
25.	Dielectric properties of polycrystalline Cu-Zn ferrites at microwave frequencies Ashok R. Lamani, H.S. Jayanna, P. Parameswara, R. Somashekar, Ramachander, Ramchandra Rao and **G. D. Prasanna;** *Journal of Alloys and Compounds,* 509(18), **(2011)** 5692–5695.
26.	Frequency dependence of electrical and dielectric properties of Polyaniline/$ZnFe_2O_4$ nanocomposites **G.D.Prasanna,** H.S.Jayanna, Ashok R.Lamani, M.L.Dinesha, C.S.Naveen and G.J.Shankaramurthy; *Chinese Physics Letters,*28(11), **(2011)** 117701.
27.	Polyaniline/$CoFe_2O_4$ nanocomposites: A novel synthesis, characterization and magnetic properties. **G.D.Prasanna,** H.S.Jayanna, Ashok R.Lamani and S. Dash; *Synthetic Metals*, 161(21-22), **(2011)** 2306-2311.
28.	In-situ synthesis, characterization and frequency dependent a.c. conductivity of Polyaniline/$CoFe_2O_4$ nanocomposites. **G.D. Prasanna** and H. S. Jayanna; *Journal of Advanced Dielectrics,*1(3), **(2011)** 1-6.
29.	Preparation, structural and electrical studies of Polyaniline/$ZnFe_2O_4$ Nanocomposites **Gunderi Dhananjaya Prasanna**, Halepoojar Siddalingappa Jayanna and Vishnu Prasad; *Journal of Applied Polymer Science,*120(5), **(2011)** 2856–2862.
b) National Journals	
1.	Characterization and Electrical Conductivity of Electron Beam Irradiated Metal Phthalocyanine Complexes Ashok R L, H S Jayanna, **Prasanna G D**, Naveen C S, Rajeeva M P and M H Moinuddin Khan;

	Mapana Journal of Science, **14, 1** (2015), 1-7

c) International Conference Papers

1.	*Synthesis and characterization of zinc doped nickel nanoferrites via sol-gel auto-combustion technique* Ashwini Rayar, **Prasanna G D** *IOP Conf. Series: Materials Science and Engineering 1300* ***(2024)*** *012046* *https://doi.org/10.1088/1757-899X/1300/1/012046*
2.	Synthesis, characterization and low temperature electrical conductivity of Polyaniline/$NiFe_2O_4$ nanocomposites **G.D. Prasanna,** V.B. Prasad and H.S. Jayanna; *IOP Conf. Series: Materials Science and Engineering*, **73** (2015) 012072.
3.	Microwave Dielectric and Magnetic Properties of Co-Zn Ferrites A.R.Lamani, H.S.Jayanna, C.S.Naveen, M.P.Rajeeva and **G.D.Prasanna;** *IOP Conf. Series: Materials Science and Engineering,***73** (2015) 012124.
4.	Influence of compositional variation on electrical properties of PANI/SnO2 Nanocomposites Chaturmukha V. S., Naveen C. S., **Prasanna G. D**., Jayanna H. S., and Ashok R. Lamani; *AIP Conference Proceedings.* ***1728,*** *020348 (2016);*
5.	Temperature-Dependent Dielectric Properties and line profile analysis of Zinc-Substituted Copper Ferrites A.R.Lamani, H.S. Jayanna, Naveen. C.S, Rajeeva. M.P, **Prasanna. G.D**, Chaturmukha.V.S, *et.al;* *DAE Solid State Physics Symposium 2015.* *AIP Conf. Proc.* ***1731****, 050136-1–050136-3 (2015)*

Book Published / Book Chapters Published:

- **Book Title** : *Multifunctional Inorganic Nanomaterials for Energy Applications*
  Chapter Title: *Review of Ferrite Nanocomposites as Adsorbents of Heavy Metal Ions from Aqueous Solutions.*
  Authors : **G.D. Prasanna**, Ashwini Rayar, and C.S. Naveen; eBook ISBN: 9781003479239
  Publisher : Taylor & Francis. **2024** https://bookshelf.vitalsource.com/books/9781040029480
- **Title** : *Dielectric studies on $Mg_xZn_{1-x}Fe_2O_4$ nanoparticles synthesized by combustion method,*
  Topic : *Synthesis and characterization of Nanostructured materials*.
  Authors : B. J. Madhu, E. Melagiriyappa, **G. D. Prasanna**, H. S. Jayanna and B. Nagappa
  Publisher : Macmillan Advanced Research Series, *Macmillan Publishers India Ltd*., **2010**, pp.295 - 298.
- **Title** : *Dielectric Behavior and A. C. Conductivity Studies on Magnesium Nanoferrites Synthesized Using Combustion Method*
  Topic : *Thin films and Nanomaterials*
  Authors : B. J. Madhu, M. Kavya, S. Razika Banu, B. Shruthi, **G. D. Prasanna**, H. S. Jayanna,
  Publisher : MACMILLAN Advanced Research Series, *Macmillan Publishers India Ltd.,* **2011**, pp.344-347.

Conference/ Workshops/Trainings attended/organized:

International/National Conferences:

1. **Presented a poster** on "*Structural, Morphological and Magnetic properties of Nickel-substituted Cobalt Nano ferrites encapsulated by Polyaniline" at International Union of Materials Research Society International Conference in Asia,* ***IUMRS-ICA*** *2024* at Indore, on Dec 3-6, 2024.
2. Organized *"**National Conference on Nanostructure based Functional Materials"*** held on 8th Sept 2023 at Davangere University, Davangere.
3. **Participated** in *"15th Kannada Vignana Samellana"* organized by KSC & Davangere University at

Ranebennuru, Karnataka during 15 - 17 Sep 2019.

4. **Oral presentation** on "*Synthesis, characterization and DC Electrical studies of PANI/SnO_2 Nanocomposites" at NCETERM Delta 2018*, at GMIT, Davanagere during October 26-27, 2018.
5. **Oral presentation** on "*Synthesis, characterization and Electrical properties of PANI/Metal oxide Composites" at National Conference on Recent trends on the applications of Science & Engineering* on at BIET, Davanagere on September 28, 2018.
6. ***Organized National Conference*** on "Recent Trends in Applied Science and Technology (RTAST-2017)" on 26th & 27th Oct 2017 by department of Basic Science at Alliance University, Bengaluru.
7. **Oral presentation** on "*Synthesis, characterization and low temperature electrical conductivity of Polyaniline/$NiFe_2O_4$ nanocomposites" at International Conference on "Materials science and Technology" ICMST-2012* at Pala, Kottayam, on June 10-14, 2012.
8. **Presented a poster** on "*Polyaniline/$CoFe_2O_4$ nanocomposites: A novel synthesis, characterization and magnetic properties" at Third International Conference on "Frontiers in Nanoscience and Technology" COCHIN NANO-2011* at Cochin, on August 14-17, 2011.
9. **Oral presentation** on "*In-situ synthesis, characterization and frequency dependent a.c. conductivity of Polyaniline/$CoFe_2O_4$ nanocomposites" at National Conference and Workshop* on *"Recent Advances in Modern Communication Systems & Nanotechnology"* at University of Rajasthan, Jaipur on January 6-8, 2011.
10. **Oral presentation** on "*Synthesis, Characterization and Magnetic properties of Polyaniline/$NiFe_2O_4$ nanocomposites prepared via in-situ polymerization" at 2nd Indian Youth Science Congress* at SRM University, Chennai on June 26-28, 2010 and got **Best Paper Award** (1st Place).
11. **Presented a poster** on "*Effect of annealing temperature on electrical conductivity of $CuZnFe_2O_4$" at National Symposium* on *"Frontier areas in chemical Science and Nanotechnology"* at Department of Chemistry, Kuvempu University on May 1-2, 2010.
12. **Oral presentation** on "*Characterization and dielectric properties of Polyaniline–$ZnFe_2O_4$ nanocomposites" at National Conference* on *"Nanostructured Materials & their Applications"* at Murum, Maharashtra, on March 12-13, 2010. **Best Paper Award** (1st Place).
13. **Presented a poster** on "*Low Temperature DC Conductivity and Magnetoresistance of Polyaniline/$ZnFe_2O_4$ Nanocomposites"* at *International Conference* on *"Recent Trends in Materials and Characterization (RETMAC – 2010)"* at NITK, Surathkal, Karnataka on February 14-15, 2010.
14. **Presented a poster** on "*Polyaniline/$ZnFe_2O_4$ Nanocomposites: Preparation, Characterization and Tailoring the DC Electrical Conductivity" at International Conference* on *"1st Nano-Today Conference"* at Biopolis, **SINGAPORE** on August 2-5, 2009**.**

Workshops/Seminars/Symposium Attended/Organized:

1. Participated in one day **SWAYAM** outreach workshop held at University of Hyderabad, Hyderabad on 1st Feb 2025.
2. Participated in one day **NPTEL SPOC felicitation workshop** held at IIT Madras on 20th Jan 2024.
3. Successfully participated virtually in **one month workshop** on ***"Transition to Online Facilitation"*** *held during* 6th May - 3rd June 2020 organized by IIT Madras and certified with online exam.
4. Organized and Celebrated **National Science Day** at Davangere University on 28th Feb 2020.
5. Participated in one day national seminar on "**Recent Advances in Solid State Physics and its Applications"** on 8th February 2020 at DRM Science College, Davangere.
6. Organized **"One day workshop for college teachers on Frontiers of Physical Sciences"** on 3rd February, 2020 at Davangere University.
7. Actively Participated in ***"Workshop on Writing Science (WoW Science 19)"*** held during 9 – 21st Dec 2019 at IISER Pune and published a magazine as an outcome of the workshop.
8. Participated in workshop on **"New Model Curriculum for first year BE/BTech CBCS detailed**

syllabus (2018-2019)" organized by Visvesvaraya Technological University, at VTU Belagavi on 17th May 2018.

9. Participated in ***"FEEL TEACHER"*** Learning and Development Intervention organized by GMIT, Davangere and conducted by CLHRD, Mangalore during July 27-29, 2015.
10. Participated in Orientation Programme on *"**Life Skills & ICT Enabled Teaching**"* organized by JSS College, Ooty Road, Mysore on Feb 25, 2012.
11. Participated in *"**6th INUP Familiarization Workshop on Nanofabrication Technologies**"* held at IIT Bombay on Nov 30 - Dec 4, 2011.
12. Organized and actively participated in National Seminar on *"**Nuclear Energy and Environment**"* held at Kuvempu University, Karnataka during November 10-11, 20011.
13. Participated in National workshop on *"**Usage of instruments for nanotechnology applications**"*, held at Department of Nanoscience & Technology, Kuvempu University on April 25, 2011.
14. Participated in *"**Awareness workshop on UGC-DAE consortium for Scientific Research**"* held at Department of Physics, IIT Madras on September 27-29, 2010.
15. Participated in *"**One Day Acquaintance Programme of Inter University Accelerator Center (IUAC)",*** held at Department of Physics, University of Mysore on August 24, 2010.
16. Organized and actively participated in two day seminar on *"**Understanding our Universe**"* held at Kuvempu University, Karnataka during December 7-8, 2009.
17. Organized and actively participated in one day seminar on *"**Recent developments in Nano Science & Technology**"* held at Dept. of Physics, Kuvempu University, Karnatakaon March 29, 2009.
18. Participated in *"**Two day workshop on Frontier Areas of Physics**"*, held at Department of Physics, Kuvempu University on November 7-8, 2005.

Training Programme / FDP :

1. Successfully participated and completed **FDP** course on ***"NEP 2020 Orientation and Sensitization Programme"*** under MMTTP- UGC organized by IISER Pune during 27th May – 4th June 2025.
2. Participated in training programme on ***"School on Neutrons as Probes of Condensed Matter (NPCM 2024)"*** organized and held at UGC DAE, BARC Mumbai during 5-10th Feb 2024.
3. Successfully completed MOOCs SWAYAM **FDP** course on ***"Solar Photovoltaics Fundamentals, Technology and Applications"*** through NPTEL -IIT Roorkee during Sep -Nov 2020.
4. Participated in online short term **FDP** on ***"Nanomaterials Characterization Techniques and results analysis Methodology"*** organized by MHRD- HRDC Savitribai Phule Pune University, under PMMMNMTT during 27-31st July 2020.
5. Actively participated ***Orientation Program*** organized by HRDC - Ramanujan College, University of Delhi during 26th June – 24th July 2020 and successfully certified with **'A+' grade.**
6. Participated virtually in ***"FDP on Python"*** organized by JSSATE- Noida during 22nd June – 04th July 2020.
7. Participated virtually in **FDP** on ***"Opportunities and Challenges in next generation semiconductor Devices"*** organized by ANITS - Vishakapatnam during 16 – 20th June 2020.
8. Participated virtually in **FDP** on ***"Perspectives of online Teaching and Learning***" organized by GRIET – Hydrabadh during 08 – 13th June 2020.
9. Participated virtually in **FDP** on ***"NBA and NAAC accreditation Process***" organized by MSRIT – Bengaluru during 04 – 08th June 2020.
10. Effectively participated in 3 months online "***CSIR Summer Research Training Program (SRTP-2020)"***organized by CSIR – NEIST, Jorhat during June – August 2020 and awarded with ***'S' Grade.***
11. Participated virtually in **FDP** on ***"Virtual training for Renewable Energy Systems"*** organized by SA E C – Chennai during 28 – 30th May 2020.
12. Participated virtually in **FDP** on "***Contemporary tools and techniques for Teachers and Researchers"*** organized by Cambridge Institute of Tech – Bengaluru on 09th May 2020.
13. Participated virtually in **FDP** on ***"Modern Tools & Techniques for Teachers & Researchers"*** organized by IIAM – Bengaluru on 03rd May 2020.

14. Organized a **"Training programme on Implementation of Seva-Sindhu services"** for Principal and Nodal officers of affiliated colleges under Davangere University on 28th February 2020 at Davangere University.
15. Participated in **"Faculty Development Program"** held during 6th – 13th January 2020 organized by Davangere University.
16. Participated in ***"Advanced Training of Trainers workshop on Preparing resource persons for FDP on student induction"*** during 15th -17th November 2019 at IIIT Hyderabad.
17. Participated in 7 days residential ***"Faculty Development Programme"*** **for student induction programme** organized by AICTE at *SJCE Mysore during 09th -15th, July 2018.*
18. Participated in 3 days ***"Faculty Development Programme"*** **for student induction programme** organized by AICTE at *KLS Gogte Institute of Technology, Belagavi during 07- 09, June 2018.*
19. Actively participated in the pedagogy workshop on ***"Research Based Pedagogical Tools (RBPT)"*** *at Sacred Heart College, Kochi, from 11th - 14th October, 2017* conducted by University of Sheffield (UK) along with experts from India, organized by COESME, IISER Pune.
20. Actively participated and completed ***TWO - WEEK ISTE "Short Term Training Programme (STTP)"*** on Engineering Physics under the National Mission on Education through ICT (MHRD, Government of India) during 8th – 18th December, 2015 conducted by IIT Bombay.

Invited Talk/Special Lecture :

1. Presented **invited talk** on *Empowering Education with digital technology* at VSK University Bellary on 20th Jan 2025.
2. Chaired session as Chief Guest and delivered **Invited Talk** during ***National Science Day – 2024*** at GMHPU, Davangere on 02nd April 2024.
3. Chaired session as Chief Guest and delivered **Invited Talk** during ***National Science Day – 2021*** at GMIT, Davangere on 01st March 2021.
4. Organized and presented virtually on "***Awareness Program on MOOCs - SWAYAM courses"*** to all faculties of Davangere University on 26th June 2020.
5. Organized and presented on "***Awareness Program on SWYAM-NPTEL courses"*** to all PG dept. Chairman's/Coordinators at Davangere University on 16th June 2020.
6. Organized and presented on ***"Training programme on Implementation of Seva-Sindhu services"*** to all Principals and Nodal Officer of UG/PG colleges under Davangere University on 28th Feb 2020.
7. Presented **Special Lecture** on "***Effective Googling and Literature Survey"*** Dos in Physics, DU 13th Sept 2019.
8. Delivered **Invited talk** on **"*Universal Human Values"*** at GM Institute of Technology, Davangere on 14th August 2019.

Achievements/Awards / Abroad visit / Professional Membership

1.	Awarded with UGC Start-up research grant for the project ***"Design of Polyaniline doped nanoferrite composites for EMI shielding applications"*** of Rs. 10 Lakhs (2022-24)
2.	**Best Paper Award** (1st Place) *at* ***2nd Indian Youth Science Congress*** at SRM University, Chennai for oral presentation on "*Synthesis, Characterization and Magnetic properties of Polyaniline/$NiFe_2O_4$ nanocomposites prepared via in-situ polymerization"*, on June 26-28, 2010.

3.	**Best Paper Award** (1st Place) at ***National Conference*** on *"Nanostructured Materials & their Applications"* at Murum, Maharashtra for oral presentation on "*Characterization and dielectric properties of Polyaniline–$ZnFe_2O_4$ nanocomposites"* on March 12-13, 2010.
4.	**Abroad Visits:** • International Conference on *"1st Nano-Today Conference"* **Singapore** (2009) • Worked for 3 academic years as Senior Lecturer at JSS Academy of Technical Education. **Mauritius**, (2012-2015)
5.	**LIFE MEMBER** for "The Indian Society for Technical Education" **(ISTE) (LM108278)** **LIFE MEMBER** for "Indian Association of Physics Teachers" **(IAPT)**

Academic/Administrative responsibilities:	
1.	• Worked as BOS (PG) member – Davangere University, Raichur University, • Working as BOE (PG) member – Davangere University, VSKU Bellary, RCU Belgaum, Raichur University, Kuvempu University, ACU Nagamangala, Haveri University,
2.	Nominated as **Nodal Officer** (Single point of Contact) – **SWAYAM MOOCs , Seva Sindhu** for Davangere University.
3.	Nominated as IQAC Executive committee member of the Davangere University.
4.	NIRF core committee member of the Davangere University.
5.	**Invited Reviewer** for International Journals under **ELSEVIER PUBLICATION.**
6.	Experience of working **abroad** at **International Institute**, **Mauritius**
7.	Worked as a **Moderator** for External Examination in abroad at **University of Technology Mauritius (UTM),**
8.	Worked as External & Internal **Deputy Superintendent (DCS)** for **VTU** examinations.
9.	Worked as a **Warden** for both Boys and Girls Hostels at **Mauritius.**
10.	Working as External Member for Doctoral Committee in various Universities.
11.	Worked as Examination controller at ACED, Alliance University, **Bengaluru**
12.	Worked as department *NBA Coordinator* at GMIT Davangere,
13.	Worked as *co-ordinator* for Institute Induction Program Cell at GMIT Davangere,
14.	Trainer for Students and Teachers on **Universal Human Values (UHV)**

Personal Details		
Gender	Male	
Date of Birth	25th October	
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