Biodata

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| Name | **DR CHANDRA SHEKHARA SHETTY T** |  |
| Date of Birth | 20-07-1975 |
| Sex | Male |
| Fathers Name | Babu Shetty |
| Address for Communication | ‘Krithi’, H.No. 3-5-497/9(1)  Kadri Kambla Mundana II Cross, Kadri, Bejai Post, Managluru-575004 |
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| Vidwan ID | 171528 |  |
| Current Position | Associate Professor and HOD  Department of Postgraduate Studies and Research in Physics, St Aloysius College (Autonomous), Mangalore-575003 |  |
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**Educational qualification:**

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| --- | --- | --- |
| SLNo | Degree | University |
| 1 | Ph.D (Physics) | Mangalore University |
| 2 | KSET(Physics) | Mysore University |
| 3 | M.Phil (Physics) | Annamali University |
| 4 | M.Sc (Physics) | Mangalore University |
| 5 | PGDCA | Mangalore University |
| 6 | M.Sc (IT) | Karnataka State Open University, Mysuru |
| 7 | BEd | Indira Gandhi National Open University |
| 8 | Diploma in Investment Management | St Aloysius Evening College |

**Teaching Experience**

1. Lecturer in the Department of Physics and Electronics at St Aloysius College Mangalore from 1998 to 2009.
2. Associate Professor and Head in the Deportment of Post-graduation studies in Physics, St Aloysius College (Autonomous) Mangalore from 2012 till date.

**Present Academic and Administrative responsibilities:**

1. Director, Research and Development Cell, St Aloysius (Deemed to be University), Mangaluru from 2024 onwards.
2. Associate Dean- School of Physical Sciences.
3. Research Coordinator 2019 till 2024, St Aloysius College (Autonomous), Mangaluru.
4. Head of the Department
5. Research Guide for PhD in Physics from Mangalore University.
6. Research Coordinator and DST-FIST Coordinator.
7. Checker-CSIR ONLINE Fellowship Management System.
8. Director, St Aloysius Cooperative Teachers cooperative Society.
9. Organizing Secretory for Prof. Prakash P. Karat Endowment Lecture held from the year 2015 till 2024 for successive 10 years.

**Academic and other responsibilities held**

1. Associate NCC Officer in the rank of Lieutenant from 10-07-2005 to 20-07-2009
2. Coordinator for Criteria-III under NAAC IV Cycle accreditation.
3. HOD and Dean of BCA Department
4. Examination Coordinator for UG/PG Examination
5. Coordinator: IMPRINTS-2008 Science Fest.
6. Convener for 5 National Conferences (one is sponsored by SERB and the other by KSTA).
7. Organizing secretory for 4 National Level Seminars.
8. Convener-International Virtual Conference.

**Title of the PhD thesis:**

**Investigations on the Organic Nonlinear Optical Materials Embedded in Polymers**

PhD Supervisor: Prof. S. M. Dharmaprakash, Professor, Department of Studies in Physics, Mangalore University

**Currently two students are working under my supervision for PhD under Mangalore University**

**Research Projects:**

Completed.one UGC minor research project of Rs: 1, 80,000

Completed one MJES minor research project ‘To construct a Spin-Spray Pyrolysis

Unit to Fabricate Oxide Thin Films for General Scientific Applications of Rs 1,50,000

**Awards and Fellowships:**

1. Selected for Science Academy Summer Research Fellowship at Indian Institute of Science (IISc), Bangalore from 15-05-2018 to 14-08-2018 and worked on “ESR and XPS Studies on Manganites” under the guidance of Prof. S V Bhat, Professor, Department of Physics, IISc. Bangalore.
2. Selected for Science Academy Summer Research Fellowship at Raman Research Institute, Bangalore from 20-05-2013 to 22-07-2013 and worked on the topic “Determination of the elastic constants of a Nematic liquid crystal using Freederickz Effect", under the guidance of Prof. V. A. Raghunathan, Professor, Department of Physics, Raman Research Institute Bangalore.

**Publications in Scopus indexed / refereed journals**

**Q1 Category Journals**

1. **T. Chandra Shekhara Shetty,** S. Raghavendra, C. S. Chidan Kumar, S. M. Dharmaprakash, ‘Nonlinear absorption, optical limiting behavior and structural study of a new chalcone derivative-1-(3, 4-dimethylphenyl)-3-[4 (methylsulfanyl) phenyl] prop-2-en-1-one’, ***Journal of Optics & Laser Technology*, 77 (2016) 23**.

**Q2 Category Journals**

1. D. Sateesha1, Sampath Chinnam, Guddekoppa S. Ananthnag, **T. Chandra Shekhara Shetty**, Itte Pushpavathi, G. Vinitha, and S. Raghavendra, Structure–property relationship of an organic crystal (*E*)‑3‑(4‑(dimethylamino) phenyl)‑1‑(4‑(methylthio)phenyl)prop ‑2‑en‑1‑one through linear, nonlinear optical, molecular docking, and DFT investigations for optoelectronic applications, *J Mater Sci: Mater Electron* (2025) 36:501
2. S. Raghavendra, **T. Chandra Shekhara Shetty**, C.S. Chidan Kumar, Shivaraj R. Maidur, Parutagouda Shankaragouda Patil, Ching Kheng Quah, G.S. Ananthnag, Siddegowda Chandraju, S.M. Dharmaprakash, Nonlinear reverse saturation absorption, self-defocusing behavior and structure-property relationship of a novel 2,3,4-trimethoxy-4'-nitrochalcone single crystal, **J*ournal of Molecular Structure****,* **1193 (2019**) 177-184.
3. K. Kumara, **T. Chandra Shekhara Shetty**, P.S. Patil, S. M. Dharmaprakash, Strong reverse saturable absorption and negative nonlinear refractive index in S and N co-doped GQDs at 532 nm CW laser, **Materials Letters 235 (2019) 19–22.**
4. **T. Chandra Shekhara Shetty**, S. Raghavendra, C.S. Chidan Kumar, S. Naveen, Shivaraj R. Maidur, Parutagouda Shankaragouda Patil, Siddegowda Chandraju, G.S. Ananthnag, S.M. Dharmaprakash, Crystal structure, Hirshfeld and third-order nonlinear optical properties of 3-(4-dimethylamino)phenyl)-1-(4-methoxyphenyl)prop-2-en-1-one: A potential material for optical limiting applications, **Optical Materials 86 (2018) 138–147.**
5. **T. Chandra Shekhara Shetty**, C. S. Chidan Kumar, K.N. Gagan Patel, TzeShyang Chia, S.M. Dharmaprakash, Ponnadurai Ramasami, Yunusa Umar, Siddegowda Chandraju, Ching Kheng Quah ‘Optical nonlinearity of D-A-π-D and D-A-π-A type of new chalcones for potential applications in optical limiting and density functional theory studies’ **Journal of Molecular Structure 1143 (2017) 306-317**
6. S. Raghavendra, C.S. Chidan Kumar, **T. Chandra Shekhara Shetty** , B.N. Lakshminarayana, Ching Kheng Quah, S. Chandraju, G.S Ananthnag , R.A. Gonsalves, S.M. Dharmaprakash , Structure property relationship of a new nonlinear optical organic crystal: 1-(3,4-Dimethoxyphenyl)-3-(3-ﬂuorophenyl)prop-2-en-1-one, for optical power limiting applications, **Results in Physics 7 (2017) 2550–2556**
7. **T. Chandra Shekhara Shetty**, S. Raghavendra, C. S. Chidan Kumar, S. M. Dharmaprakash, ‘Crystal Structure and Nonlinear Optical Absorption of a New Chalcone Derivative: A Promising Candidate for Optical Switching’, ***Journal of Applied Physics B***, **122(2016) 205.**
8. [S. Raghavendra](http://www.sciencedirect.com/science/article/pii/S0022286014006632), [K. V. Anil Kumar](http://www.sciencedirect.com/science/article/pii/S0022286014006632), [**T. Chandra Shekhara Shetty**](http://www.sciencedirect.com/science/article/pii/S0022286014006632), [S. M. Dharmaprakash](http://www.sciencedirect.com/science/article/pii/S0022286014006632), ‘Structural and optical properties of new organic crystal 1-[4-(methylsulfanyl) phenyl]-3-(2, 4, 5-trimethoxyphenyl) prop-2-en-1-One for optical limiting Applications’, [***Journal of Molecular Structure***](http://www.sciencedirect.com/science/journal/00222860)**, 1074 (2014) 653.**

**Q3 Category Journals**

1. S. Raghavendra, **T. Chandra Shekhara Shetty**, C. S. Chidankumar, S. Naveen, S. Chandraju, S.R. Maidur, P. S. Patil, G. S. Ananthnag and S. M. Dharmaprakash , "Novel acentric D-p-A-p-D nonlinear optical (2E, 4E)- [dimethylamino) phenyl]-1-(4methylphenyl)penta-2,4-dien-1-one crystal for second and third order nonlinear applications", **Journal of Chemical Sciences** (**2020**) 132:7, https://doi.org/10.1007/s12039-020-01764-7

**Other Journals**

1. K.Kumara, **T. C. S. Shetty**, ShivarajR.Maidur, ParutagoudaShankaragoudaPatil, S.M. Dharmaprakash, Continuous wave laser induced nonlinear optical response of nitrogen doped graphene oxide, **Optik - International Journal for Light and Electron Optics 178 (2019) 384–393**
2. N. P. Mascarenhas, J. J. Goveas, R.A. Gonsalves, **T.C. S. Shetty**, V, Crasta, Facile Synthesis and Characterisation of Nanocomposite Doped Chitosan—Polystyrene Polymer Blends, **265-273**, **Advanced Manufacturing and Materials Science, (2018)**  doi.org/10.1007/978-3-319-76276-0\_26
3. **T. Chandra Shekhara Shetty,** C. S. Chidan Kumar**,** S. Raghavendra, T. S. Chia, S. Chandraju, S. M. Dharmaprakash, H.-K. Fun, C. K. Quah,‘Structural and Optical Properties of a New Organic Crystal 3-(2-chloro-5-(trifluoromethyl) phenyl)-1-(3,4-dimethoxyphenyl)prop-2-en-1-one for Nonlinear Optical Applications’, ***Journal of Materials Technology*,** DOI10.1080/ 10667857.2016.1159016, published online on 31, March 2016.
4. C. S. Chidan Kumar, **T. Chandra Shekara Shetty,** T. S. Chia, S. Chandraju, S. M. Dharmaprakash, H.-K. Fun, C. K. Quah, ‘Third order nonlinear optical properties and crystal structures of (*E*) -1 (3,4-dimethoxyphenyl)-3-(4-(trifluoromethyl)phenyl) prop-2-en-1-one’, ***Journal of Materials Research Innovations*,** DOI:10.1080/ 14328917.2016.1199134 Published online on 24, Jun 2016.

**Publication in conference proceedings and Presentation in International/National Conference**

1. **Coauthored a paper presented** at The International Conference on Frontiers in Materials Science and Technology: Energy and Environment held at SRM University on 5-6 December 2025**:** Ashwathi P.V and **Chandra Shekhara Shetty T**, ‘Organic Spin Valves: A review of materials, interface Engineering, and Opto- Electronic Integration’
2. **T. Chandra Shekhara Shetty**, Anju Johnson, Manju Jose, Joji Kurian, Effect of dopant concentrations on structural and optical properties of iron doped tin oxide nano powder for optoelectronic device applications, Materials Today: Proceedings, <https://doi.org/10.1016/j.matpr.2023.03.306> , available online on 25 March **(2023)**
3. K. Kumara,V.S. Kindalkar,Felcy Jyothi Serrao,**T Chandra Shekhara Shetty**, P.S. Patil, S.M. Dharmaprakash, Enhanced nonlinear optical absorption in defect enriched graphene oxide and reduced graphene oxide using continuous wave laser z-scan technique, Materials Today: Proceedings, 55,1, 186-193, (**2022**), <https://doi.org/10.1016/j.matpr.2022.02.028>
4. Vishal M. Pinto, M.S. Arya, Niharika**,** V.K. Nilakanthan, K. Kumara**, T. Chandra Shekhara Shetty,** Multiferroic bismuth ferrite nanomagnets as potential candidates for spintronics at room temperature, Materials Today: Proceedings Materials Today: Proceedings, 55, 1, 42-45, (**2022**), <https://doi.org/10.1016/j.matpr.2021.12.104>
5. K. Kumara, **T. C. S. Shetty,** P. S. Patil, Shivaraj R. Maidur, and S. M. Dharmaprakash, Third order nonlinear optical properties of graphene quantum dots under continuous wavelength regime at 532 nm, **AIP Conference Proceedings 1942, 050003 (2018);** <https://doi.org/10.1063/1.5028634>
6. **T. Chandra Shekhara Shetty,** S. Raghavendra, S. M. Dharmaprakash, ‘Optical Limiting Studies on Chalcone Doped PMMA Polymer Film’, ***Materials today: Proceedings*, 3 (2016) 2163-2168.** <https://doi.org/10.1016/j.matpr.2016.04.122>
7. **T. Chandra Shekhara Shetty,** K. M. Sandeep, N. P. Mascarenhas, S. M. Dharmaprakash, ‘Investigations on Nonlinear Absorption and Nonlinear Refraction of a New Photonic Crystal Using Z-scan’,***American Institute of Physics, Conf. Proc.,* 1731 (2016) 140026,** DOI: 10.1063/1.4948192.
8. N. P. Mascarenhas, R. A. Gonsalves, J. J. Goveas, **T. C. S. Shetty**, V. Crasta, ‘Preparation and Characterization of Chitosan - Polystyrene polymer blends’, ***American Institute of Physics, Conf. Proc.,* 1731 (2016) 140039,** DOI: 10.1063/1.4948205.
9. **T. Chandra Shekhara Shetty,** S. Raghavendra, S. M. Dharmaprakash, ‘Third-order Nonlinear Optical Effects in a New Chalcone Derivative Embedded in a Polymer Host’, ***American Institute of Physics Conf. Proc*., 1665, (2015) 080070,** DOI: 10.1063/1.4917974**.**
10. S. Raghavendra, A. Jayarama, **T. Chandra Shekhara Shetty**, S. M. Dharmaprakash, ‘Linear Optical and SHG Characterization of New Chalcone Crystals’ ***American Institute of Physics Conf. Proc*. 1512 (2013) 908,** DOI: 10.1063/1.4791334.
11. Presented research paper entitled "¸ËgÀ«zÀÄåvï PÉëÃvÀæzÀ D±ÁQgÀt DUÉð£ÉÆÃ ªÉÄl¯ï ºÁ¯ÉÊqï ¥ÉgÉÆÃ¸ÉÌöÊmïUÀ¼À ¨ÁåAqï CAvÀgÀzÀ ªÉÄÃ¯É vÉÃªÁA±À «gÉÆÃ¢ü zÁæªÀPÀUÀ¼À ¥ÀjuÁªÀÄ ", during Kannada Vijnana Sammelana at Mangalore University on 15-17 September 2021.
12. Presented a resarch paper entitled **Effect of Dopant Concentration on Structural and Photoluminescent Properties of SnO2 Nanoparticles'** during *S****econd International E-****conference On Physics Of Materials & Nanotechnology (ICPN-2021)* during 28-30, October 2021 conducted by Mangalore University.
13. Presented a research paper, T. Chandra Shekhara Shetty\*, S.V. Bhat, XPS Studies on Zinc Doped Nd0.65Ca0.35Mn1-xZnxO3 (x= 0.1, 0.3) Nanomanganites at 8th Interdisciplinary Symposium on Materials Chemistry(ISMC-2020) held during June-17-19, 2021 , organized by Bhabha Atomic Research Centre Mumbai, India.
14. Presented a research paper, P. Harikrishnan, Shilpa Satheesh, Rose Mariya Johnson, K. Kumara, Jean Maria Fernandes, **T. Chandra Shekhara Shetty**, "Optical Properties of Samarium Doped Zinc Oxide Thin Films" , at National Conference on Light Matter Interaction at Nanoscale (LMIN-2019) IGCAR, Kalpakkam during 15-17 July 2019
15. Presented oral presentation,  Naveen P. Mascarenhas, Jenice J. Goveas , Richard A. Gonsalves,**T. Chandra Shekhara Shetty**and Vincent Crasta,  'Facile Synthesis and Characterisation of Nanocomposite Doped Chitosan - Polystyrene Polymer Blends'  presented at International conference on Advanced Manufcaturing and Materails Science, Cochin during 15-16 January 2018
16. Presented a poster, **T. Chandra Shekhara Shetty** , K. Kumara , S.M. Dharmaprakash, 'Chalocne Embedded PMMA Polymer Film for Third-order Nonlinear Optical Applications.' Presented at International Conference on Recent Advances in Materails Science and Biophyiscs during January 23-25, 2018.
17. Presented a poster, K. Kumar**, T. Chandra Shekhara Shetty** , S.M. Dharmaprakash, “Strong yellowish-green luminescent reduced graphene oxide’s properties prepared by decomposition of citric acid with urea” in International conference on “Green chemistry &nanotechnology opportunities and challenges-2017 planning today for a sustainable chemistry” held at St Aloysius College, Mangaluru on 27th and 28th of February 2017.
18. Presented a poster, K. Kumar, **T. Chandra Shekhara Shetty**, S.M. Dharmaprakash, “Optical properties of boron doped graphene oxide prepared by pyrolysis of citric acid with boric acid - at national conference on Nanomaterials for Biomedical Application (NBA-2017), Yenepoya Research Centre, Yenepoya University, Mangalore held on 16-03-2017.
19. Presented a paper, **T. Chandra Shekhara Shetty**, S.M. Dharmaprakash,*"¯ÉÃ¸Àgï QgÀtUÀ¼À wÃPÀë÷ÚvÉAiÀÄ£ÀÄß ¹Ã«ÄvÀUÉÆ½¸ÀÄªÀ ¸ÁªÀAiÀÄªÀ ªÀ¸ÀÄÛUÀ¼À£ÀÄß C¼ÀªÀr¹PÉÆArgÀÄªÀ ¥Á°ªÀÄgï vÉ¼ÀÄ ¥ÀzÀgÀUÀ¼ÀÄ"* at Science conference Organised by Karnataka Science and Technology Academy (KSTA), Govt. of Karnataka, which was awarded with **a second prize** during 24, 15 November 2017

**Refresher / Orientation Courses Attended**

1. Attended NEP 2020 ORIENTATION AND SENSITATION conducted by MMTTC BANGALORE UNIVERSITY during 09-12-2024 to 17-01-2025
2. Attended NEP sensitation Program conducted by UGC-HRDC , Kannur University, during 21-05-2024 to 31-05-2024
3. UGC Sponsored **Refresher Course**, Malaviya Mission Teacher Training Center, Kannur University, 06-12-2023 - 19-12-2023
4. Completed 30th UGC Sponsored **Orientation Course** from 28-07-2020 to 17-08-2020 conducted by HRDC, Mizoram University with ‘A’ grade.
5. Attended Ten days of online **Faculty Development Program** on Teaching Learning and Assessment from 23-11-2020 to 03-12-2020, organized by Teaching Learning Centre, Central University of Rajasthan.
6. Attended 21 days **Refresher Course** in Physics at Talent Development Centre, I. I. Sc. Kudapura from 23 November 2016 to 13 December 2016, Sponsored by MHRD
7. Completed online course on Remote Sensing and GIS Technology and Applications for University Teachers and Government Officials during 13-06-2020 to 01-07-2020 conducted by Indian Institute of Remote Sensing (IIRS) ISRO, Government of India.
8. Attended Research Based Pedagogical Tools (RBPT) workshop organized by Centre of Excellence in Science and Mathematics Education (COESME), IISER Pune jointly with Indian Institute of Technology (IIT) Gandhinagar, Gujarat; Department of Biotechnology (DBT), Government of India from 10, to 13th December 2017
9. First Refresher course in Materials preparation and measurement of properties by Indian Science academy from 6-111-2014 to 21-11-2014 at Bangalore.
10. Attended XIV Refresher course in Experimental Physics from 1st  June 2009 to 16th June 2009 at Mangalore University
11. Attended Refresher course in “Photonics and Materials” from 13-02- 2005 to 24-02-2005 at Madras University.

**Invited Lectures/ Webinars and other activates (During Last 3 years)**

1. Delivered National Science day Lecture on 28 February 2025 at A J Institute of Engineering.
2. Resource person at the Workshop on Creative Writings; at Pompei College Aikala on 3 April 2024.
3. Resource person during FDP organized by PA First Grade College, Nadupadavu and took a session on 'Challenges on Teaching and Students Formation on 15 February 2022.
4. Delivered a webinar on the Topic -Semiconductors organised by Karnataka Science and Technology Academy Bangalore on 8 February 2022.
5. Delivered a webinar on the Topic - 'Spacecrafts of Magnificient India' jointly organised by Sri Mahaveera College Moodbidri and Regional Science Centre Pilikula on 22 December 2021.
6. Delivered a webinar on the Topic -"Research-Why/When/Where/ How: Scope and opportunities" jointly organised by St Aloysius College Mangaluru and Regional Science Centre Pilikula on 7 December 2021.
7. Delivered a Radio talk broadcasted by Akashavani Mangaluru on the topic The contributions of Physical Scientists of India on the occasion of Azadi Ka Amritha Mahotsav on 9 November 2021.
8. Resource person at High school Science and Mathematics teachers training workshop organized by KSTA and DSTRT at Pilikula during February 25 to 26, 2021
9. Delivered a Radio talk on; Roddam Narasimha; on 23 February 2021 at Akashavani Mangaluru
10. Organized 20 hours free online Certificate course on the topic of &#39;Intellectual
11. Property Rights&#39; for public during COVID-19 Lockdown period (May 2020).

**Book /Book Chapters Contributed**

1. Editor: Decadal Odyssey in Physics: A Chronicle of the PPK Endowment Lecture Series. with ISBN Number978-81-963171-9-5 **(2024)**
2. Published a chapter “Determination of the Elastic Constants of a Nematic Liquid Crystal Cell using Freedericksz Effect&quot; in the book Decadal Odyssey in Physics: A Chronicle of the PPK Endowment Lecture Series. with ISBN Number 978-81-963171-9-5 **(2024)**
3. Authored a book **Huli Vesha** ISBN Number : 978-81-963171-5-7 **(2023)**
4. Editor: Conference Proceedings of National conference &#39;Collaborating Across

Disciplines through Interdisciplinary Research&; with ISBN Number: 978-81-963171-0-2

**(2023)**

1. Growth and Characterization of a new D-π-A type Chalcone Derivative for Optical Switching Applications. Book Title: Bulk Crystal Growth: Techniques and Technologies, DNA Publications, ISBN: 978-81-945174-7-4 Edited by Dr Shruti Patle and Dr Nilesh Ugemuge **(2019)**
2. 8 MeV Electron Irradiated Fe 3+ Doped Triglycine Sulphate Single Crystals: Electrical, Dielectric, Structural and Optical Properties, Book Title: Bulk Crystal Growth: Techniques and Technologies, DNA Publications, ISBN: 978-81-945174-7-4 Edited by Dr Shruti Patle and Dr Nilesh Ugemuge **(2019)**

**Life Membership**

Life member to Indian National Science Congress (No. L 40575)

Life Member Association of Physics Teachers of Mangalore University (APTMU)

**Conference Conducted / participated**

* + 1. **Convener of** National Conference on Energy Harvesting Technologies: Tapping the Power of Nature (EHT-TPN 2024), 23-24 July 2024 sponsored by Science, Engineering Research Board (SERB)
    2. **Convener** of a workshop on “Emerging Trends on Research Methodology” on 8 May 2024 at St Aloysius (Deemed be University) Mangaluru.
    3. Attended one day FDP on the topic of Applied Physics on 8 June 2023 at St Joseph Engineering College Mangalore.
    4. **Organizing Secretory** of National Conference on "Collaborating across Disciplines through Interdisciplinary Research" held on 19th April 2023 at St Aloysius College (Autonomous) Mangaluru.
    5. **Convener** of a State Level Conference on Materials for Renewable Energy Applications: Challenges in Condensed Matter Physics conducted with Collaboration with KSTS on 14 December 2021
  1. Participated in the International webinar on “Chemical Ecology” by Prof. P Balram, former director, I.I.Sc. Bangalore organized by Post Graduate Department of Chemistry, St Aloysius College Mangalore on 04.08.2020.
  2. Participated in the International webinar on “Drug Design: Is it really easy” by Prof. Uday Maitra, Dept. of Organic Chemistry IISc, Bangalore organized by Post Graduate Department of Chemistry, St Aloysius College Mangalore on 07.08.2020.
  3. Participated in the International Conference on “Zero Dimensional Materials” organized by P C Jabin Science College on 27.08.2020.
  4. **Convener** of the International Virtual Conference on “Physics of Solid State Materials” organized by Post Graduate Department of Physics, St Aloysius College, Mangalore held on 2nd and 3rd September, 2020.
  5. Participated in a webinar on “Revised Accreditation framework for Autonomous Colleges” organized by St Aloysius College Mangalore on 07.09.2020.
  6. **Convener** of the National conference on “Novel Materials and Devices for Future Applications” organized by the Department of Physics, St Aloysius College (Autonomous), Mangaluru on 18 February, 2020 sponsored by the DBT Star College Scheme, Govt. of India and Association of Physics Teachers of Mangalore University.
  7. National workshop on “Physics of Toys” organized by the Department of Physics, St Aloysius College (Autonomous), Mangaluru on 13 and 14 December, 2019.
  8. Attended three days International Full Dome Film Festival and Planetarium Conference at Pilikula Regional Science Centre, Mangaluru from November 6th to 8th 2019.
  9. **Convener** of the National Seminar on “Applications of Radioisotopes and Radiation Technology in Industry, Healthcare and Agriculture” organized by Department of Physics, St Aloysius College (Autonomous), Mangaluru sponsored by DAE-BRNS and Board of Radiation and Isotope Technology on 10 and 11 September, 2018.
  10. National Conference on “Nano, Cryo and Space Physics” organized by the Department of Physics, St Aloysius College (Autonomous), Mangaluru on 15 December, 2017.
  11. International Conference on Green chemistry and Nanotechnology opportunities and Challenges, at St Aloysius College, Feb. 27-28, 2017.
  12. National level Workshop on Physics of Musical Instruments at St Aloysius College, Dec. 16- 17, 2016.
  13. **Convener** of the National Seminar on Applications of Radiation Technology at St Aloysius College, Nov. 20, 2016.
  14. National level Workshop on Planetarium at Regional Science Centre, Pilikula, Mangaluru, April 21-22, 2016.
  15. A state level workshop on Innovations in Medical Instrumentation held at St Aloysius College, Mangalore, Feb. 5, 2016.
  16. 'Saga of Light', National level seminar on Importance of light and light based technologies held at St Aloysius college, Mangalore, Dec. 15, 2015.
  17. **Organizing Secretory** of the National seminar on X-Ray Crystallography at St Aloysius College, Mangalore, Dec. 16, 2014.
  18. Attended 4th Conference of Karnataka State Science and Technology Academy held at Mangalore University on the topic "New Horizons of Science and Technology - Challenges and opportunities", Jan. 28-29, 2012.
  19. Attended two day UGC sponsored National Level Conference "CAPSRAA – 2011, Current Advancement in Physical Science Research and its applications in the present scenario of empowering science and technology", held at Govinda Dasa First Grade College, Surathkal, Sep. 16-17, 2011.

Training attended

* 1. Facilitator Certificate course in HRD, College for Leadership and Human Resource Development, 13-05-2023 - 22-05-2023.
  2. Attended workshop on Spoken English at College for Leadership and Human Resource Development on 13 and 14 January.
  3. Training: National intellectual property awareness mission at St Aloysius College on 20-10-2023

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